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Prepared for



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2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT HAMMOND ASH POND 1 (AP-1)

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Project Number GW6581E

August 2026

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CERTIFICATION STATEMENT

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report, Plant Hammond Ash Pond 1 (AP-1)* has been prepared in compliance 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 391-3-4-.10 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 the groundwater monitoring and corrective action program for the reporting period of January through July 2026 (referred to herein as the "semiannual reporting period") at Georgia Power Company's (Georgia Power's) Plant Hammond Ash Pond 1 (AP-1) (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 and the Site

Plant Hammond is located at 5963 Alabama Highway SW, approximately 10 miles west of Rome in Floyd County, Georgia. CCR material resulting from power generation were historically transferred and stored in AP-1 until 1969. After 1969, AP-1 was utilized as a co-treatment pond to handle return water flows from the other ponds and for recycling of process water for plant operations. The Site is located on the southeastern portion of the Plant Hammond property. The Georgia Environmental Protection Division (GA EPD) approved closure permit no. 057-023D(CCR) for AP-1 on June 22, 2020. CCR removal activities are complete, and a certification was submitted to GA EPD on September 26, 2025. On November 26, 2025, GA EPD acknowledged that removal activities within the identified boundaries of AP-1 are complete.

Groundwater at the Site is monitored using a comprehensive monitoring network that meets federal and state monitoring requirements. Routine sampling and reporting began after the background groundwater conditions were established between May 2016 and May 2017. Based on groundwater conditions at the Site, an assessment monitoring program and assessment of corrective measures program were established in January 2018 and January 2019, respectively. A *Draft Remedy Selection Report*, which summarizes the evaluation and proposed selection of a corrective measure, or measures,

[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

was submitted to GA EPD on August 31, 2022. In June 2023 and March 2024, Georgia Power submitted to GA EPD both a Pilot Test Notification Form and separate workplans outlining the design and implementation of a pilot study in vicinity of HGWC-8 and HGWC-13 (Geosyntec, 2023a, 2023b, 2024a, 2024b). GA EPD's Underground Injection Control (UIC) Program approved the Pilot Test Notification Forms on August 24, 2023 and June 21, 2024. Pilot study injection activities were initiated in September 2023 and concluded during the current reporting period. Post-injection performance monitoring was completed in accordance with the *Pilot Study Workplans* and *Supplemental Pilot Study Workplans*. A *Pilot Study Summary Report* is attached summarizing the pilot studies conducted and performance results and was submitted to GA EPD under separate cover on August 29, 2025. On December 2, 2025 GA EPD issued a letter, concurring with the summary report conclusions. On December 19, 2025 Georgia Power submitted a letter to GA EPD proposing to hold a public meeting, in accordance with 40 CFR §257.96(e). The meeting was held on March 24, 2026, to present the proposed remedial strategy. Following the public meeting, the finalized *Remedy Selection Report* was submitted to GA EPD on June 30, 2026 (Geosyntec, 2026). A UIC permit application was prepared and submitted to GA EPD on July 15, 2026, for review and approval prior to remedy implementation.

During the semiannual reporting period, Geosyntec conducted one groundwater sampling event in February 2026 in support of the assessment monitoring program. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the federal CCR Rule, groundwater data from the February 2026 semiannual assessment monitoring event conducted during the semiannual reporting period were evaluated in accordance with the certified statistical methods. The evaluations identified statistically significant values of select Appendix III[2] and Appendix IV[3] constituents in excess of established groundwater protection standards (GWPS) in select monitoring wells, as summarized in the table below for the semiannual reporting period.

[2] Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids
[3] Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, selenium, thallium, and radium 226 + 228

Appendix III Constituent	February 2026
Boron	HGWC-7, HGWC-8, HGWC-9, HGWC-12, HGWC-13
Calcium	HGWC-9, HGWC-12
Chloride	HGWC-9
Sulfate	HGWC-8, HGWC-9, HGWC-11, HGWC-12, HGWC-13
Appendix IV Constituent[4]	**February 2026**
Arsenic	HGWC-13
Molybdenum	HGWC-8

Based on a review of the Appendix III and Appendix IV statistical results completed for the groundwater monitoring and corrective action program for the semiannual reporting period, the Site will continue in assessment monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the Site. Reports will be posted to Georgia Power's CCR Rule Compliance website and provided to GA EPD semiannually.

[4] A statistically significant level (SSL)-related constituent is determined by comparing the confidence intervals developed to either the constituent's MCL, if available; where an MCL has not been established, then a CCR-rule specific GWPS; or background concentrations for constituents where the concentration is greater than the MCL or rule specified GWPS.

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LIST OF ACRONYMS AND ABBREVIATIONS

ACM	Assessment of Corrective Measures
AP-1	Ash Pond 1
ASD	Alternate Source Demonstration
CCR	coal combustion residuals
CFR	Code of Federal Regulations
DO	dissolved oxygen
EDR	Environmental Data Resources
$FeSO_4$	ferrous sulfate
ft/day	feet per day
ft/ft	feet per foot
g/L	grams per liter
gal	gallons
GA-20	Georgia Highway 20
GA EPD	Georgia Environmental Protection Division
Georgia Power	Georgia Power Company
Geosyntec	Geosyntec Consultants, Inc.
GSC	Groundwater Stats Consulting
GWPS	groundwater protection standard
HAR	Hydrogeologic Assessment Report
i	horizontal hydraulic gradient
K_h	horizontal hydraulic conductivity
MCL	Maximum Contaminant Level
mg/L	milligram per liter
MgO	magnesium oxide
MNA	Monitored Natural Attenuation
n_e	effective porosity
NELAP	National Environmental Laboratory Accreditation Program
NTU	nephelometric turbidity units
ORP	oxidation reduction potential
Pace Analytical	Pace Analytical Services, LLC.
PE	professional engineer
PL	prediction limit
QA/QC	Quality Assurance/Quality Control
SSI	statistically significant increase
SSL	statistically significant level
s.u.	standard unit

Unified Guidance	Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

In accordance with the United States Environmental Protection Agency (USEPA) Coal Combustion Residual Rule (federal CCR Rule) (40 Code of Federal Regulations [CFR] Part 257, Subpart D) and the Georgia Environmental Protection Division (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 conducted at Georgia Power Company (Georgia Power) Plant Hammond (Site) Ash Pond 1 (AP-1) for the reporting period of January through July 2026 (referred to herein as the semiannual reporting period).

Groundwater monitoring and reporting for the CCR unit is performed in accordance with the monitoring requirements of § 257.90 through 257.95 of the federal CCR Rule, and GA EPD Rules for Solid Waste Management 391-3-4-.10(6). To specify groundwater monitoring requirements, GA EPD rule 391-3-4-.10(6)(a) incorporates by reference the federal CCR Rule. For ease of reference, the federal CCR Rule is cited within this report in lieu of citing both sets of regulations. Also, the closure permit issued by GA EPD (i.e., no. 057-023D(CCR)) stipulates that groundwater monitoring is required while CCR waste remains in place at the CCR unit and for no less than 5 years after removal of the material.

Due to statistically significant levels (SSLs) of arsenic and molybdenum identified in the *2018 Annual Groundwater Monitoring and Corrective Action Report* (Geosyntec, 2019a), Georgia Power initiated an assessment of corrective measures (ACM) program for AP-1 in January 2019. Pursuant to § 257.96(b), Georgia Power continues to monitor groundwater associated with AP-1 in accordance with the assessment monitoring program established for the unit, including semiannual monitoring and reporting pursuant to § 257.90 through § 257.95 of the federal CCR Rule and GA EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). A *Draft Remedy Selection Report,* which summarizes the evaluation and proposed selection of a corrective measure, or measures, was submitted to GA EPD on August 31, 2022 (Geosyntec, 2022a).

Following submission of the *Draft Remedy Selection Report* in 2022, Georgia Power conducted pilot studies under work plans approved by GA EPD's Underground Injection Control Program (Geosyntec, 2023a, 2023b, 2024a, 2024b). The results of the pilot studies were summarized in a *Pilot Study Summary Report* submitted to GA EPD in August 2025, with GA EPD concurring with the findings on December 2, 2025. After a public meeting was held on March 24, 2026, the finalized *Remedy Selection Report* was

submitted to GA EPD on June 30, 2026 (Geosyntec, 2026). A UIC permit application was prepared and submitted to GA EPD on July 15, 2026, for review and approval prior to remedy implementation.

The current reporting period groundwater data indicate that SSLs for arsenic and molybdenum concentrations are horizontally and vertically delineated to below their corresponding groundwater protection standards (GWPS) and contained within the property boundary.

1.1 Site Description and Background

Plant Hammond is located in Floyd County, Georgia, approximately 10 miles west of Rome and is bordered by Georgia Highway 20 (GA-20) on the north, the Coosa River on the south, Cabin Creek and industrial land on the east, and sparsely populated, forested, rural and industrial land on the west (**Figure 1**). The physical address of the plant is 5963 Alabama Highway, Rome, Georgia, 30165.

Plant Hammond was a four-unit, coal-fired electric generating facility. All four units at Plant Hammond were decommissioned in July 2019 and no longer produce electricity.

AP-1 is a 35-acre surface impoundment located at Plant Hammond that received CCR materials from its commission in 1952 until 1969. After 1969, AP-1 was utilized as a co-treatment pond to handle return water flows from the other ponds and for recycling of process water for plant operations. Georgia Power has completed removal of the CCR material from AP-1 and certification of removal was submitted to GA EPD on September 26, 2025, in accordance with § 257.102 and corresponding Rule 391-3-4-.10(7)(b). On November 26, 2025, GA EPD acknowledged that removal activities within the identified boundaries of AP-1 are complete. The closure by removal approach provides a source control measure that reduces the potential for migration of CCR constituents to groundwater. Details of the closure approach are provided in the Written Closure Plan, published to Georgia Power's CCR Rule Compliance website. Closure permit no. 057-023D(CCR) was approved by GA EPD on June 22, 2020. A 5-year Permit Review document package was submitted to GA EPD on December 18, 2024, and subsequently approved on June 20, 2025.

1.2 Regional Geology and Hydrogeologic Setting

The following section summarizes the geologic and hydrogeologic conditions at AP-1 as described in the *Hydrogeologic Assessment Report Revision 01 – AP-1* (HAR Rev 01)

submitted to GA EPD in December 2019 in support of the AP-1 solid waste handling permit (Geosyntec, 2019c).

1.2.1 Regional and Site Geology

The Site is located within the Great Valley District of the Valley and Ridge Physiographic Province (Valley and Ridge) in northwest Georgia. The Valley and Ridge is characterized by Paleozoic sedimentary rocks that have been folded and faulted into the ridges and valleys that gave this region its name. Geologic mapping performed at the Site by Petrologic Solutions, Inc., under the direction of Golder (Golder, 2018), indicates that AP-1 is underlain by the middle units of the Cambrian age Conasauga Formation, consisting of mostly shaley limestone. Subsurface investigations at AP-1 describe the bedrock as limestone or shaley limestone. AP-1 is underlain primarily by five lithologic units: (i) fill; (ii) terrace alluvium; (iii) residuum; (iv) highly weathered/fractured shaley limestone bedrock; and (v) competent shaley limestone bedrock.

Based on subsurface investigations, the fill material is composed of lean clay or gravelly lean clay with sand from the construction of the pond. The terrace alluvium consists of unconsolidated sediments associated with deposition from the Coosa River and Cabin Creek. Alluvium was variously described as well sorted and poorly sorted sand, clayey sand, sandy gravel, clayey gravel, or gravelly clay. The residuum clay layer or native soils have been derived from the in-place weathering of the shaley limestone bedrock. The residuum is generally described as a lean to fat clay, sometimes silty with some sand, and rarely gravel. The subsurface investigation data suggest that the residuum thins out in places, and the alluvial deposits is in direct contact with the upper fractured or the unweathered limestone bedrock. Just below the residuum clay layer is a gradational zone of varying proportions of clayey residuum and sand, gravel, and cobble-sized angular pieces of partially weathered limestone, grading into a zone of fractured shaley limestone, before grading into unweathered, fresh shaley limestone bedrock. The upper highly weathered zone appears more as residuum with various sized rock fragments. The lower zone becomes less clayey with depth and is estimated to be approximately 10 feet thick. The limestone is described as medium to dark gray, very finely laminated with lighter and darker gray layers, and contains interbeds of calcareous shale.

1.2.2 Hydrogeologic Setting

The uppermost aquifer at AP-1 is a regional groundwater aquifer that occurs in the terrace alluvium, residuum, and the weathered and fractured bedrock. The uppermost aquifer is considered to be unconfined; however, localized, semi-confined conditions may be

encountered due to the low-permeability clayey nature of the residual soils, or as a result of perched groundwater or poorly interconnected fracture networks in the bedrock. The movement of groundwater in the uppermost aquifer can be characterized as low-to moderate permeability porous media flow. Groundwater flow in the more competent underlying bedrock is characterized as fracture flow. The regional groundwater flow direction is expected to be from north to south; however, the local flow direction proximal to AP-1 is to both the east and south under current pre-closure conditions. Under post-closure conditions, the groundwater flow direction is anticipated to resemble the regional flow regime more closely (north to south toward the Coosa River).

1.3 Groundwater Monitoring Well Network

In accordance with § 257.91, a groundwater monitoring system was installed at AP-1 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 units (i.e., background conditions) and passing the waste boundary of the units. The number, spacing, and depths of the groundwater monitoring wells were selected based on the characterization of site specific hydrogeologic conditions.

As part of the assessment monitoring program, assessment monitoring wells have been installed since 2018 to supplement the pre-existing detection monitoring wells and characterize the nature and extent of SSLs in groundwater downgradient of AP-1. Pursuant to § 257.195(g)(1)(iv), the wells classified as "assessment monitoring wells" will continue to be sampled concurrently with the detection monitoring well network as part of the ongoing assessment groundwater monitoring program.

An on-site network of piezometers is used in combination with the detection and assessment monitoring well networks to gauge water levels to define groundwater flow direction and gradients. The piezometers may be sampled as needed to support the ACM program.

The locations of the detection monitoring wells, assessment monitoring wells, and piezometers are shown on **Figure 2**; well and piezometer construction details are listed in **Table 1**.

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.

2.1 Monitoring Well Installation and Maintenance

No additional detection monitoring wells, assessment wells, or piezometers were installed during this semiannual reporting period.

The well and piezometer networks 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 February2026 the networks were inspected, necessary corrective actions were identified and subsequently completed, as documented in **Appendix A**. This documentation was prepared under the direction of a professional geologist or engineer registered in the State of Georgia.

2.2 Assessment Monitoring

Georgia Power initiated an assessment monitoring program for groundwater at AP-1 in January 2018 based on statically significant increases (SSIs) of Appendix III constituents documented in the *2017 Annual Groundwater Monitoring and Corrective Action Report* (ERM, 2018). A notice of assessment monitoring was placed in the operating record on May 15, 2018. Currently identified SSLs of Appendix IV constituents exceeding their respective GWPS at AP-1 are arsenic in HGWC-13 and molybdenum in HGWC-8.

Pursuant to § 257.96, an ACM was initiated for AP-1 in January 2019. An *Assessment of Corrective Measures Report – Plant Hammond Ash Pond 1 (AP-1)* (ACM Report) was subsequently prepared for AP-1 (Geosyntec, 2019b) and submitted to GA EPD in June 2019 and posted to Georgia Power's CCR Rule Compliance website in July 2019. A *Remedy Selection Report,* which summarizes the evaluation and proposed selection of a corrective measure, or measures, was submitted to GA EPD on June 30, 2026 (Geosyntec, 2026). In accordance with § 257.96(b), groundwater continues to be monitored at AP-1 under the assessment monitoring program while the ACM phase is implemented.

In support of the routine assessment monitoring program, the semiannual assessment monitoring events were conducted in February 2026. The wells sampled and the dates

the samples were collected at AP-1 during the semiannual reporting period are summarized in **Table 2**. Details of these events and analytical results are discussed in Section 3.

2.3 Additional Groundwater and Surface Water Evaluations

Groundwater samples were collected from the entire AP-1 detection and assessment well networks during the February 2026 event and were analyzed for alkalinity, magnesium, potassium, and sodium. The data were collected in support of evaluating the geochemical composition of the groundwater in conjunction with the ACM activities.

Due to the presence of surface water features immediately downgradient of select wells reporting concentrations of select constituents above the GWPS, Georgia Power proactively collected surface water samples in February 2026 from Cabin Creek and Coosa River as shown on **Figure 2** (H-SCC, H-SCC NBR and H+0.25).

The laboratory reports associated with the additional evaluations are provided in **Appendix B**.

2.4 Assessment of Corrective Measures

As presented in the *Remedy Selection Report* (Geosyntec, 2026), in-situ geochemical injections, coupled with monitored natural attenuation (MNA), have been proposed as corrective measures to address the SSLs of molybdenum and arsenic in detection monitoring wells HGWC-8 and HGWC-13, respectively. Design of in-situ geochemical injection corrective measures includes multiple assessment and design components, including pilot studies to evaluate injection delivery and the performance of injectates prior to implementing a full scale remedy. Following GA EPD approval of the *Draft Remedy Selection Report (*Geosyntec, 2022a), Georgia Power initiated a pilot study in vicinity of these wells in September 2023, as detailed in the *HGWC-8 Pilot Study Workplan* (Geosyntec, 2023a) and the *HGWC-13 Pilot Study Workplan* (Geosyntec, 2023b). Supplemental pilot study workplans for HGWC-8 and HGWC-13 were submitted to GA EPD on March 29, 2024 (Geosyntec 2024a, Geosyntec, 2024b), describing the additional injections necessary to inform corrective action design near monitoring wells HGWC-8 and HGWC-13. The supplemental pilot study workplans were approved by GA EPD's Underground Injection Control (UIC) and Solid Waste Management Programs on May 6 and June 21, 2024, respectively.

A post-injection performance monitoring program was initiated in October 2023 during which groundwater samples were collected from temporary corrective action piezometers PT-07 through PT-10 and subsequently expanded to include additional temporary corrective action piezometers installed in April 2024 (i.e., PT-11 through PT-15). Monitoring of corrective action piezometers continued during the 2026 semiannual reporting period to collect data supporting future corrective action.

3.0 SAMPLING METHODOLOGY AND ANALYSES

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 assessment monitoring program conducted at AP-1 during the semiannual reporting period.

3.1 Groundwater and Surface Water Level Measurement

A synoptic round of depth-to-groundwater-level measurements were recorded from the AP-1 wells and piezometers during the February 2026 assessment monitoring event and used to calculate the corresponding groundwater elevations, which are presented in **Table 3**. The February 2026 groundwater elevations are generally consistent with the overall decreasing trend reported for wells downgradient of AP-1 as a result of the ongoing dewatering and closure activities.

Surface water elevations were recorded at the Coosa River staff gauge located downgradient of AP-1. The location of the Coosa River staff gauge is shown on **Figure 2**.

The groundwater and surface water elevation data were used to prepare a potentiometric surfaces map for the February 2026 gauging event, which is presented on **Figure 3**. Groundwater in the AP-1 area flows under the influence of topography from slightly higher elevations on the north side of the Site in a generally easterly and southerly direction. This groundwater flow pattern is consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

The horizontal groundwater hydraulic gradients within the uppermost aquifer beneath AP-1 were calculated using the groundwater elevation data from the February 2026 gauging event. Horizontal hydraulic gradients were calculated along the flow path south of AP-1 between HGWC-13 and MW-7 and between MW-1 and HGWC-8 along the flow path through the eastern portion of AP-1. The supporting calculations are presented in **Table 4.** The table also presents the average hydraulic gradients calculated from the February 2026 gauging event. The general trajectory of the flow paths used in the calculations and associated potentiometric contour lines are shown on **Figure 3**. The hydraulic gradients along the southerly and easterly groundwater flow path lines associated with AP-1 for the semiannual reporting period is 0.010 feet per foot (ft/ft) between HGWC-13 and MW-7, and 0.012 ft/ft MW-1 and HGWC-8. The calculated average gradient across the unit is 0.011 ft/ft.

The approximate horizontal flow velocities associated with AP-1 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

The average horizontal hydraulic conductivity (K_h) for AP-1 of 11.82 feet per day (ft/day) was computed from slug test data derived from ten locations across the AP-1 area and presented in the HAR Rev 01 (Geosyntec, 2019c). An estimated effective porosity (n_e) of 0.15 is used to represent average conditions at AP-1, derived based on review of literature (Kresic, 2007), observed site lithology, and professional judgement. With these variables defined, and accounting for the averaged hydraulic gradient discussed above for the February 2026 gauging event, the average groundwater flow velocity in the vicinity of AP-1 for the semiannual reporting period was calculated to be 0.89 ft/day (i.e., average of the southerly and easterly flow velocities).

3.3 Groundwater Sampling Procedures

Groundwater samples were collected using low-flow sampling procedures in accordance with § 257.93(a). Purging and sampling was performed using dedicated bladder pumps with dedicated tubing, non-dedicated bladder pumps, and peristaltic pumps. For wells sampled with non-dedicated bladder pumps and peristaltic pumps, the pump intake was lowered to the midpoint of the well screen (or as appropriate based on the groundwater level). Non-dedicated bladder pump and peristaltic pump samples were collected using new disposable polyethylene tubing; all non-dedicated tubing was disposed of following

the sampling event. All non-disposable equipment was decontaminated before use and between well locations.

An in-situ water quality field meter (Aqua TROLL 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 (s.u.).
- 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 into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to Pace Analytical Services, LLC (Pace Analytical), following chain-of-custody protocol. The field sampling and equipment calibration forms generated during the semiannual reporting period are provided in **Appendix B**.

3.4 Laboratory Analyses

Laboratory analyses were performed by Pace Analytical, which is accredited by the National Environmental Laboratory Accreditation Program (NELAP). Pace Analytical maintains a NELAP certification for the Appendix III and Appendix IV constituents analyzed for this project. Analytical methods used for semiannual and corrective action groundwater sample analyses, and associated results, are listed in the analytical laboratory reports included in **Appendix B**. The groundwater analytical results from the semiannual reporting period are summarized in **Table 5** and **Table 6**, respectively. Surface water analytical results are summarized in **Table 7**.

3.5 Quality Assurance and Quality Control Summary

Quality assurance/quality control (QA/QC) samples were collected during the groundwater monitoring events in accordance with the site's *Groundwater Monitoring Plan* (Geosyntec, 2024c), and included the following: field duplicates, equipment blanks, and field blank samples. QA/QC samples were collected in appropriately preserved laboratory-provided containers and submitted under the same chain of custody as the primary samples for analysis of the same constituents by Pace Analytical.

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

4.0 STATISTICAL ANALYSIS

The following section summarizes the statistical analysis of Appendix III groundwater monitoring data performed pursuant to § 257.93. In addition, pursuant to § 257.95(d)(2), Georgia Power established GWPS for the Appendix IV constituents and completed statistical analyses of the Appendix IV groundwater monitoring data obtained during the semiannual reporting period. The data were analyzed by Groundwater Stats Consulting (GSC); the report generated from the analyses are provided in **Appendix C**.

4.1 Statistical Methods

Groundwater data from the semiannual reporting period were statistically analyzed in accordance with site's *Groundwater Monitoring Plan* (Geosyntec, 2024c). 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 USEPA document *Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance* (Unified Guidance) (USEPA, 2009).

Appendix III statistical analysis was performed to assess if Appendix III constituents have returned to background levels. Appendix IV constituents were evaluated to assess if concentrations statistically exceeded the established GWPS. Detailed statistical methods used for Appendix III and Appendix IV constituents are discussed in the statistical analysis reports provided in **Appendix C** and summarized in Sections 4.1.1 and 4.1.2. The GWPS were finalized pursuant to § 257.95(d)(2) and presented in **Table 8**.

4.1.1 Appendix III Statistical Methods

Based on guidance from GA EPD, statistical tests used to evaluate the groundwater monitoring data consist of interwell prediction limits (PLs) combined with a 1-of-2 verification resample plan for each of the Appendix III constituents. Interwell PLs pool upgradient well data to establish a background limit for an individual constituent, and the most recent sample from each downgradient well is compared to the same limit for each constituent. The most recent sample from each downgradient well is compared to the background limit to assess whether there are statistically significant increases (SSIs). An "initial exceedance" occurs when an Appendix III constituent reported in the groundwater of a downgradient detection monitoring well exceeds the constituent's associated PL. The 1-of-2 resample plan allows for collection of an independent resample. 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 PL, no exceedance is declared.

4.1.2 Appendix IV Statistical Methods

To statistically compare groundwater data to GWPS, confidence intervals are constructed for each of the detected Appendix IV constituents in each downgradient detection and assessment monitoring well. The confidence intervals are compared to the GWPS. Only when the entire confidence interval is above a GWPS is the well/constituent pair considered to exceed its GWPS. If a confidence interval exceeds a GWPS, an SSL is identified.

USEPA revised the federal CCR Rule on July 30, 2018, updating GWPS for cobalt, lead, lithium, and molybdenum. As described in § 257.95(h)(1-3), the GWPS is defined by the below criteria. These criteria were adopted into the GA EPD Rules for Solid Waste Management 391-3-4-.10 on February 22, 2022.

(1) The MCL established under § 141.62 and § 141.66.

(2) Where an MCL has not been established:

(i) Cobalt 0.006 mg/L;

(ii) Lead 0.015 mg/L;

(iii) Lithium 0.04 mg/L; and

(iv) Molybdenum 0.1 mg/L.

(3) Background levels for constituents where the background level is higher than the MCL or rule-specified GWPS.

Following the above requirements, GWPS have been established for statistical comparison of Appendix IV constituents and are presented in **Table 8**.

4.2 Statistical Analyses Results

Based on review of the Appendix III statistical analyses presented in **Appendix C**, groundwater conditions have not returned to background and assessment monitoring should continue. Based on the statistical analyses, select Appendix IV constituents exceeded the GWPS during the semiannual reporting period.

4.2.1 February 2026 Data

- Arsenic: HGWC-13
- Molybdenum: HGWC-8

Wells with SSLs were further evaluated using the Sen's Slope/Mann Kendall trend test (**Appendix D**). A statistically significant increasing trend was identified for arsenic in HGWC-13 in February 2026. A statistically significant decreasing trend for molybdenum in HGWC-8 was identified in February 2026.

4.2.2 Summary of Statistical Analyses

The SSLs identified for the semiannual reporting period are consistent with the 2025 annual reporting period.

5.0 NATURE AND EXTENT

Based on the groundwater data presented herein, the SSLs for wells and constituents identified in Section 4.2 have been horizontally and vertically delineated to below the established GWPS and are contained within the property boundary. Delineation is determined by confidence intervals (statistical analysis) prepared for the assessment wells discussed in the following paragraphs. Results of the statistical analyses are provided in **Appendix C**.

The identified SSL of arsenic in HGWC-13 is horizontally and vertically delineated to below the GWPS by MW-19 and MW-24D, respectively. Similarly, the SSL of molybdenum in HGWC-8 is horizontally and vertically delineated by MW-20 and MW- 27D, respectively. Surface water samples from Cabin Creek were collected proactively because previous molybdenum concentrations were above the GWPS at temporary corrective action piezometer MW-53 (Figure 2). In the February 2026 sampling of MW-53, detections of molybdenum were below GWPS. No molybdenum concentration above the laboratory reporting limit has been detected in surface water samples since sampling began in July 2020. Georgia Power will continue sampling surface water from Cabin Creek near MW-53 while groundwater at this location is evaluated.

The groundwater data from the February 2026 assessment monitoring event, which includes data from both the compliance monitoring wells and the temporary corrective action piezometers, were used to generate the arsenic and molybdenum iso-concentration maps presented on **Figure 4** and **Figure 5**.

5.1 Alternate Source Demonstrations

An alternate source demonstration (ASD) was submitted to GA EPD on January 29, 2021, to address the fluoride and lithium SSLs reported for MW-30D, and molybdenum SSL reported for MW-40D (Geosyntec, 2021). The ASD presented multiple lines of evidence that the SSLs are not associated with a release from AP-1, but are instead a result of natural variation in groundwater quality due to the limited (i.e., MW-30D) or no (i.e., MW-40D) connection these wells have to the uppermost aquifer as evidenced by (i) slow recharge encountered within the deeper delineation wells installed in less fractured bedrock zones; (ii) starkly different groundwater elevations in these wells compared to other site wells; and (iii) very different geochemical conditions. Additionally, all previous SSLs of molybdenum reported in MW-40D have at all times complied with the current GWPS of 0.1 mg/L.

An ASD to address the previous SSL of lithium identified in MW-25D was submitted to GA EPD in August 2022 (Geosyntec, 2022b). Geochemical evaluations using Piper and Stiff diagrams indicate that the chemical composition of groundwater sampled from well MW-25D shows no evidence of a CCR impact (i.e., as compared to the geochemistry of AP-1 pore water) and is similar to other deep background and slow recharge wells screened in bedrock (HGWA-43D, MW-30D, MW-40D). Secondly, all previous SSLs of lithium reported in MW-25D have at all times complied with the current GWPS of 0.064 mg/L.

6.0 MONITORING PROGRAM STATUS

6.1 Assessment Monitoring Status

Pursuant to § 257.96(b), Georgia Power will continue to monitor the groundwater at AP-1 in accordance with the assessment monitoring program regulations of § 257.95 while ACM efforts are implemented to address SSLs of arsenic and molybdenum in select AP-1 wells. Pursuant to § 257.95(g)(1)(iv), the assessment monitoring wells will continue to be sampled as part of the ongoing assessment groundwater monitoring program.

6.2 Assessment of Corrective Measures

The final *Remedy Selection Repor*t was submitted to GA EPD on June 30, 2026, (Geosyntec, 2026) and is currently being reviewed by the agency. The report summarizes:

- The current groundwater conceptual site model applicable to evaluating groundwater corrective measures proposed in the ACM Report (Geosyntec, 2019b);
- An evaluation of each corrective measure retained for further consideration following the completed investigations; and
- An evaluation of corrective measure options using the comparative criteria such as long- and short-term effectiveness and protectiveness, source control effectiveness, and ease of implementation. The *Remedy Selection Report* presents geochemical approaches (in-situ injections) coupled with monitored natural attenuation as the proposed groundwater remedy for AP-1.

Concurrently with the preparation of the final *Remedy Selection Report*, a UIC permit application was prepared and submitted to GA EPD on July 15, 2026, for review and approval prior to remedy implementation. Upon receipt of GA EPD's approval of the *Remedy Selection Report,* Georgia Power will develop a corrective action monitoring plan, including detailed remedy design, and submit to GA EPD for review within 90 days of the approval.

7.0 CONCLUSIONS AND FUTURE ACTIONS

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report* for Plant Hammond AP-1 was prepared to fulfill the requirements of the federal CCR Rule and GA EPD Rules for Solid Waste Management 391-3-4-.10. Statistical analyses of the groundwater monitoring data for AP-1 for the semiannual reporting period identified the continued presence of SSLs of arsenic and molybdenum in HGWC-13 and HGWC-8, respectively. Based on the most current groundwater quality, the SSLs are vertically and horizontally delineated to below their respective GWPS within the property boundary.

A *Remedy Selection Report*, which summarizes the evaluation and proposed selection of corrective measures was submitted to GA EPD on June 30, 2026 (Geosyntec, 2026) for review and approval. Georgia Power will develop a corrective action monitoring plan, including detailed remedy design, and submit to GA EPD for review within 90 days of receiving agency approval of the *Remedy Selection Report.*

Georgia Power will continue to monitor AP-1 groundwater under the assessment monitoring program as aspects of the ACM program are implemented to address the Appendix IV SSLs. The next routine semiannual assessment monitoring event for AP-1 is tentatively scheduled for August 2026.

8.0 REFERENCES

Environmental Resource Management, 2017. *Statistical Analysis Method Certification 40 CFR § 257.93 – Plant Hammond Ash Pond 1 (AP-1) – Georgia Power Company.* October 2017.

Environmental Resources Management, 2018. *2017 Annual Groundwater Monitoring and Corrective Action Report - Plant Hammond Ash Ponds 1 & 2 (AP-1 and AP- 2)*. Atlanta, Georgia. January 2018.

Geosyntec, 2019a. *2018 Annual Groundwater Monitoring and Corrective Action Report – Plant Hammond Ash Ponds 1 & 2 (AP-1 and AP-2)*. January 2019.

Geosyntec, 2019b. *Assessment of Corrective Measures Report – Plant Hammond Ash Pond 1 (AP-1)*. June 2019.

Geosyntec, 2019c. *Hydrogeologic Assessment Report (Revision 1) – Plant Hammond Ash Pond 1 (AP-1)*. December 2019.

Geosyntec, 2021. *Alternate Source Demonstration – Fluoride, Lithium, Molybdenum, Georgia Power Company, Plant Hammond Ash Pond 1.* January 2021.

Geosyntec, 2022a. *Draft Remedy Selection Report, Georgia Power Company, Plant Hammond Ash Pond 1.* August 2022.

Geosyntec, 2022b. *Alternate Source Demonstration – Lithium, Georgia Power Company, Plant Hammond Ash Pond 1.* August 2022.

Geosyntec, 2023a. *HGWC-8 Pilot Study Workplan – Plant Hammond Ash Pond 1 (AP- 1)*. June 2023

Geosyntec, 2023b. *HGWC-13 Pilot Study Workplan – Plant Hammond Ash Pond 1 (AP- 1)*. June 2023

Geosyntec, 2023c. *Pilot Study Post-Injection Event Report*. November 2023.

Geosyntec, 2024a. *HGWC-8 Supplemental Pilot Study Workplan – Plant Hammond Ash Pond 1 (AP- 1)*. March 2024.

Geosyntec, 2024b. *HGWC-13 Supplemental Pilot Study Workplan – Plant Hammond Ash Pond 1 (AP- 1)*. March 2024.

Geosyntec, 2024c. *Groundwater Monitoring Plan – Plant Hammond – Ash Pond 1 (AP-1) 5 Year Permit Review.* December 2024 (Revision 2).

Geosyntec, 2025. *Pilot Study Summary Report – Pilot Test No. UPT000062 and UPT000068 Plant Hammond Ash Pond 1 (AP-1)*. August 2025.

Geosyntec, 2026. *Remedy Selection Report –Plant Hammond Ash Pond 1 (AP-1)*. June 2026.

Golder Associates, 2018. *Geologic and Hydrogeologic Report – Plant Hammond*. November 2018.

Kresic, Neven, 2007. *Hydrogeology and Groundwater Modeling, Second Edition*. CRC Press.

Sanitas: Groundwater Statistical Software, v. 9.6.05, 2018. Sanitas Technologies©, Boulder, Colorado.

USEPA, 2009. *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance*. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March 2009.

USEPA, 2011. *Region IV Data Validation Standard Operating Procedures.* Science and Ecosystem Support Division. Region IV. Athens, GA. September 2011.

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

TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Hammond - Ash Pond 1
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
HGWA-1	Detection	Upgradient	1550423.32	1940770.00	592.32	595.21	573.12	563.12	32.49	Bedrock	12/03/2014
HGWA-2	Detection	Upgradient	1549796.87	1939845.15	585.29	587.92	570.29	560.29	27.95	Overburden	12/02/2015
HGWA-3	Detection	Upgradient	1549794.41	1939833.39	585.23	587.74	553.23	543.23	44.51	PWR	12/02/2015
HGWA-43D	Detection	Upgradient	1550422.85	1940753.80	592.08	595.08	544.08	534.08	61.25	Bedrock	08/26/2020
HGWA-44D	Detection	Upgradient	1550409.13	1940756.18	592.01	594.79	491.76	481.76	113.28	Bedrock	08/25/2020
HGWC-7	Detection	Downgradient	1549520.67	1942319.75	576.55	579.18	561.55	551.55	27.96	Overburden/PWR	12/03/2015
HGWC-8	Detection	Downgradient	1549114.61	1942392.56	577.14	579.82	564.64	554.64	25.51	Overburden	12/08/2015
HGWC-9	Detection	Downgradient	1548693.30	1942215.03	577.72	580.36	543.72	533.72	46.97	Overburden/PWR/Bedrock	12/09/2015
HGWC-10	Detection	Downgradient	1548469.25	1941644.43	576.76	579.37	566.76	556.76	22.94	Overburden	12/08/2015
HGWC-11	Detection	Downgradient	1548477.91	1941146.79	578.12	580.67	565.19	555.19	25.78	Overburden/Bedrock	12/15/2015
HGWC-12	Detection	Downgradient	1548476.53	1941152.34	578.14	580.73	555.64	545.64	35.42	Overurden/Bedrock	12/09/2015
HGWC-13	Detection	Downgradient	1548628.03	1940900.60	592.94	595.76	560.94	550.94	45.15	Overburden	12/10/2015
MW-19	Assessment	Downgradient	1548422.94	1940943.01	577.46	580.65	561.45	551.45	29.53	Overburden	09/26/2018
MW-20	Assessment	Downgradient	1549029.68	1942736.85	575.96	579.00	554.96	544.96	34.37	Overburden	09/27/2018
MW-24D	Assessment	Downgradient	1548638.80	1940900.37	592.91	595.68	532.91	522.91	72.77	Bedrock	11/07/2018
MW-27D	Assessment	Downgradient	1549103.57	1942390.80	576.84	579.70	526.84	516.84	63.19	Bedrock	11/08/2018
MW-1	Piezometer	Upgradient	1549938.24	1941589.06	585.63	588.66	567.93	557.93	31.06	PWR/Bedrock	12/02/2014
MW-5	Piezometer[4]	Downgradient	1548436.02	1942448.85	578.00	581.14	560.70	550.70	30.84	Overburden	11/04/2014
MW-6	Piezometer[4]	Downgradient	1548383.12	1941689.01	579.18	581.84	559.28	549.28	32.96	Overburden	11/04/2014
MW-7	Piezometer[4]	Downgradient	1548230.47	1941087.44	574.94	577.73	561.24	551.24	26.89	Overburden	10/30/2014
MW-8	Piezometer	Downgradient	1548171.86	1940016.70	584.25	586.93	565.05	555.05	32.28	Overburden	10/29/2014
MW-25D	Piezometer[4]	Downgradient	1548473.00	1941162.20	577.71	580.59	527.71	517.71	63.21	Bedrock	11/06/2018
MW-26D	Piezometer[4]	Downgradient	1548699.91	1942222.36	577.63	580.41	512.63	502.63	78.11	Bedrock	11/14/2018
MW-28D	Piezometer[4]	Downgradient	1549510.90	1942321.14	576.20	579.08	531.20	521.20	58.21	Bedrock	11/13/2018
MW-29	Piezometer[4]	Downgradient	1549437.67	1942633.60	572.14	575.06	557.14	547.14	28.25	PWR	11/13/2018
MW-30D	Piezometer	Downgradient	1549530.00	1942318.45	576.20	578.59	481.20	471.20	107.72	Bedrock	06/19/2019
MW-40D	Piezometer	Downgradient	1549542.29	1942316.55	576.41	578.92	450.41	440.41	138.84	Bedrock	04/29/2020
AP1A-1	Piezometer	Upgradient	1550080.01	1941614.12	584.78	587.44	575.84	565.84	21.93	Overburden	12/15/2015
AS-01[3]	Corrective Action Piezometer	Downgradient	1549048.28	1942388.06	577.46	577.08	548.46	546.46	30.92	Overburden	05/07/2024
AS-02[3]	Corrective Action Piezometer	Downgradient	1549049.08	1942400.03	577.14	576.72	547.14	545.14	31.89	Overburden	05/06/2024
AS-03[3]	Corrective Action Piezometer	Downgradient	1548670.10	1940933.87	591.98	591.60	545.98	543.98	47.92	Overburden/Bedrock	04/28/2024
AS-04[3]	Corrective Action Piezometer	Downgradient	1548680.80	1940930.83	591.97	591.50	544.97	542.97	48.83	Overburden/Bedrock	04/28/2024
INW-03[3]	Corrective Action Piezometer	Downgradient	1549052.75	1942388.28	577.38	577.07	560.28	550.28	27.10	Overburden	05/06/2024
INW-04[3]	Corrective Action Piezometer	Downgradient	1548671.73	1940929.98	592.01	591.58	557.01	547.01	44.87	Overburden	04/28/2024
INW-05[3]	Corrective Action Piezometer	Downgradient	1548680.07	1940935.89	591.81	591.31	556.81	546.81	44.80	Overburden	04/28/2024
PT-07[3]	Corrective Action Piezometer	Downgradient	1548675.24	1940933.39	592.00	591.75	554.40	544.40	48.00	Overburden	06/03/2023
PT-08[3]	Corrective Action Piezometer	Downgradient	1548666.82	1940929.58	592.10	591.83	560.20	550.20	42.20	Overburden	06/03/2023
PT-09[3]	Corrective Action Piezometer	Downgradient	1549049.74	1942393.11	577.33	580.35	560.18	550.18	27.45	Overburden	06/01/2023
PT-10[3]	Corrective Action Piezometer	Downgradient	1549040.34	1942413.88	577.39	580.44	560.29	550.29	27.40	Overburden	06/01/2023
PT-11[3]	Corrective Action Piezometer	Downgradient	1549055.61	1942390.89	577.35	576.96	560.75	550.75	26.51	Overburden	05/07/2024
PT-12[3]	Corrective Action Piezometer	Downgradient	1549045.43	1942391.10	577.34	576.84	560.34	550.34	26.81	Overburden	05/07/2024
PT-13[3]	Corrective Action Piezometer	Downgradient	1548676.04	1940939.23	591.88	591.47	556.88	546.88	44.89	Overburden	04/28/2024
PT-14[3]	Corrective Action Piezometer	Downgradient	1548673.63	1940926.52	592.06	591.62	557.06	547.06	44.86	Overburden	04/28/2024
PT-15[3]	Corrective Action Piezometer	Downgradient	1548668.35	1940937.45	591.90	591.37	556.90	546.90	44.77	Overburden	04/28/2024
MW-53	Corrective Action Piezometer	Downgradient	1548835.51	1942399.62	577.64	580.59	554.54	544.54	33.40	Overburden	06/02/2023
MW-54	Corrective Action Piezometer	Downgradient	1548699.51	1940805.03	592.98	592.66	564.98	554.98	38.30	Overburden	06/02/2023

Notes:
PWR = Partially weathered rock.
(1) Coordinates are shown in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Elevations shown are referenced to the North American Vertical Datum of 1988 (NAVD88). Survey points measured at nail or known reference point.
Survey data certified by GEL Solutions May 19, 2020. Survey data for HGWA-43D and HGWA-44D certified by GEL Solutions September 10, 2020. Survey data for MW-53, MW-54, PT-07 through PT-10 certified by GEL Solutions July 13, 2023, and August 30, 2023.
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) Piezometers INW-03, INW-04, INW-05, MW-53, MW-54, PT-07 through PT-015, and AS-01 through AS-04 were installed in support of an Assessment of Corrective Measures pre-design investigation and are not included in the monitoring well network.
(4) Assessment wells MW-5, MW-6, MW-7, MW-25D, MW-26D, MW-28D, and MW-29 were reclassified as piezometers following approval of the 5 Year Permit Review on June 10, 2025.

Table 2
Groundwater Sampling Event Summary
Georgia Power Company
Plant Hammond - Ash Pond 1
Floyd County, GA

Well ID	Hydraulic Location	Well Designation	February 03 2026 - February 06 2026
			Assessment Event
Georgia Power Company - Plant Hammond Ash Pond 1			
HGWA-1	Upgradient	Detection	X
HGWA-2	Upgradient	Detection	X
HGWA-3	Upgradient	Detection	X
HGWA-43D	Upgradient	Detection	X
HGWA-44D	Upgradient	Detection	X
HGWC-7	Downgradient	Detection	X
HGWC-8	Downgradient	Detection	X
HGWC-9	Downgradient	Detection	X
HGWC-10	Downgradient	Detection	X
HGWC-11	Downgradient	Detection	X
HGWC-12	Downgradient	Detection	X
HGWC-13	Downgradient	Detection	X
MW-19	Downgradient	Assessment	X
MW-20	Downgradient	Assessment	X
MW-24D	Downgradient	Assessment	X
MW-27D	Downgradient	Assessment	X

Notes:
X - Indicates well sampled during event.
Assessment Event includes Appendix III and Appendix IV analytes.

Table 3
Summary of Groundwater and Surface Water Elevations
Georgia Power Company
Plant Hammond - Ash Pond 1
Floyd County, GA

		February 2026	
Well ID	Top of Casing Elevation [1] (feet)	Depth to Water (feet)	Groundwater Elevation [1] (feet)
HGWA-1	595.21	18.04	577.17
HGWA-2	587.92	13.16	574.76
HGWA-3	587.74	12.82	574.92
HGWA-43D	595.08	18.09	576.99
HGWA-44D	594.79	18.55	576.24
HGWC-7	579.18	13.48	565.70
HGWC-8	579.82	16.59	563.23
HGWC-9	580.36	18.38	561.98
HGWC-10	579.37	16.90	562.47
HGWC-11	580.67	18.52	562.15
HGWC-12	580.73	18.65	562.08
HGWC-13	595.76	29.65	566.11
MW-19	580.65	16.82	563.83
MW-20	579.00	15.71	563.29
MW-24D	595.68	31.70	563.98
MW-27D	579.70	16.36	563.34
MW-1	588.66	11.31	577.35
MW-5	581.14	19.21	561.93
MW-6	581.84	19.99	561.85
MW-7	577.73	16.21	561.52
MW-8	586.93	21.46	565.47
MW-25D	580.59	18.49	562.10
MW-26D	580.41	18.44	561.97
MW-28D	579.08	13.13	565.95
MW-29	575.06	8.67	566.39
MW-30D	578.59	12.55	566.04
MW-40D	578.92	63.05	515.87
AP1A-1	587.44	9.87	577.57
AS-01	577.08	13.86	563.22
AS-02	576.72	13.52	563.20
AS-03	591.60	27.34	564.26
AS-04	591.50	27.22	564.28
PT-07	591.75	26.23	565.52
PT-08	591.83	25.67	566.16
PT-09	580.35	17.15	563.20
PT-10	580.44	17.23	563.21
PT-11	576.96	13.77	563.19
PT-12	576.84	13.63	563.21
PT-13	591.47	25.41	566.06
PT-14	591.62	25.31	566.31
PT-15	591.37	25.27	566.10
MW-53	580.59	19.17	561.42
MW-54	592.66	25.38	567.28
Coosa River	--	--	561.10

Notes:
-- = not applicable
(1) Elevations shown are referenced to datum NAVD88, which indicates feet (ft) in elevation referencec to the North American Vertical Datum 1988.

Table 4
Horizontal Groundwater Gradient and Flow Velocity Calculations
Georgia Power Company
Plant Hammond Ash Pond 1
Floyd County, GA

Gauging Event	Well Pair	Groundwater Elevations in Well Pairs[1] (ft)		Change in Elevation (ft)	Distance Between Well 1 and Well 2 (L) (ft)	Hydraulic Gradient (i) (ft/ft)	Average Hydraulic Conductivity (K_h) (ft/day)	Estimated Effective Porosity (n_e)	Calculated Groundwater Flow Velocity (V) (ft/day)	Calculated Groundwater Flow Velocity (V) (ft/year)	Average Hydraulic Gradient (i) (ft/ft)	Average Groundwater Flow Velocity 2026 (V) (ft/day)
February 2026	MW-1 to HGWC-8	577.35	563.23	14.12	1,151	0.012	11.82	0.15	0.97	344.1	0.011	0.89
February 2026	HGWC-13 to MW-7	566.11	561.52	4.59	440	0.010	11.82	0.15	0.82	292.7		

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

Table 5
Summary of Assessment Monitoring Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Ash Pond 1
Floyd County, GA

	Sample Location	HGWA-1	HGWA-2	HGWA-3	HGWA-43D	HGWA-44D	HGWC-7	HGWC-8	HGWC-9	HGWC-10
	Sample Date	02/03/2026	02/03/2026	02/03/2026	02/03/2026	02/03/2026	02/05/2026	02/05/2026	02/06/2026	02/05/2026
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	0.021 J	0.039 J	0.0094 J	0.036 J	0.47	0.69	1.4	2.1	0.27
Calcium	mg/L	129	37.2	86.8	61.7	6.7	105	88.9	148	122
Chloride	mg/L	6.9	8.2	5.5	4.2	29.1	26.3	24.0	80.9	4.8
Fluoride	mg/L	0.089 J	0.13	0.066 J	0.18	0.95	0.11	0.39	0.098 J	0.12
pH, Field	SU	7.07	5.66	7.33	7.41	8.60	7.34	6.58	6.89	6.75
Sulfate	mg/L	42.1	61.8	25.5	21.8	0.58 J	90.5	103	177	96.7
TDS	mg/L	388	179	277	278	377	379	357	616	384
APPENDIX IV										
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	0.00066 J	0.0010 J	0.0010 J	< 0.00041	< 0.00041	0.00061 J	0.00044 J
Barium	mg/L	0.031	0.054	0.12	0.29	0.084	0.086	0.046	0.064	0.075
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00010	0.00035 J	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	< 0.00024	0.00051 J	< 0.00024	< 0.00024	0.00047 J	0.00025 J	< 0.00024	0.00059 J	< 0.00024
Cobalt	mg/L	0.00012 J	0.019	< 0.00012	< 0.00012	< 0.00012	0.0018 J	0.0013 J	0.00069 J	< 0.00012
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Lithium	mg/L	0.00144 J	0.00202	0.00408	0.00335	0.111	0.00210	0.000661 J	0.00296	< 0.000600
Mercury	mg/L	< 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	0.017	0.21	0.0095 J	< 0.0020
Combined Radium 226 + 228	pCi/L	1.02 U	0.679 U	0.888 U	1.14 U	0.915 U	0.317 U	1.08 U	0.593 U	1.06 U
Selenium	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.00057 J	< 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	0.089 J	0.13	0.066 J	0.18	0.95	0.11	0.39	0.098 J	0.12
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	309	51.4	224	243	144	201	106	175	230
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	309	51.4	224	243	148	201	106	175	230
Magnesium	mg/L	4.6	3.1	5.3	19.3	2.6	11.7	12.7	17.4	8.8
Potassium	mg/L	0.44	1.3	0.40 J	0.75	1.6	1.5	6.3	2.7	6.0
Sodium	mg/L	16.9	10.4	5.7	18.9	142	12.2	9.2	12.3	6.0

Notes:
mg/L - milligrams per liter
NA - Indicates not analyzed
pCi/L - picocuries per liter
SU - Standard Units
TDS - Total Dissolved Solids
< indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the MDL, but below the laboratory reporting limit.
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 5
Summary of Assessment Monitoring Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Ash Pond 1
Floyd County, GA

	Sample Location	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
	Sample Date	02/05/2026	02/05/2026	02/05/2026	02/04/2026	02/06/2026	02/04/2026	02/06/2026
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.33	1.2	0.70	0.51	0.10	0.51	0.11
Calcium	mg/L	76.5	148	125	108	121	87.0	19.8
Chloride	mg/L	3.2	15.8	15.2	14.6	26.7	27.3	21.4
Fluoride	mg/L	0.22	0.22	0.39	0.15	0.065 J	0.12	0.25
pH, Field	SU	6.36	7.11	7.01	6.22	6.97	7.82	9.30
Sulfate	mg/L	103	157	152	152	98.9	112	17.3
TDS	mg/L	291	527	519	437	452	400	166
APPENDIX IV								
Antimony	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Arsenic	mg/L	0.00057 J	0.0028	0.49	< 0.00041	0.00055 J	0.00046 J	0.00065 J
Barium	mg/L	0.024	0.059	0.052	0.035	0.098	0.043	0.65
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00010	< 0.00010	< 0.00010	0.00017 J	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	0.00031 J	< 0.00024	< 0.00024	< 0.00024	0.00024 J	0.00031 J	0.00035 J
Cobalt	mg/L	0.00032 J	0.0013 J	0.012	0.024	< 0.00012	< 0.00012	< 0.00012
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027
Lithium	mg/L	< 0.000600	0.0103	0.0454	0.00791	0.00101 J	0.00275	0.00878
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Molybdenum	mg/L	0.013	0.042	0.011	0.020	< 0.0020	0.0064 J	0.015
Combined Radium 226 + 228	pCi/L	0.690 U	0.541 U	0.113 U	0.783 U	0.371 U	0.526 U	0.933 U
Selenium	mg/L	0.012	< 0.00050	< 0.00050	0.0055	< 0.00050	0.0015 J	< 0.00050
Thallium	mg/L	< 0.00017	< 0.00017	0.00021 J	< 0.00017	< 0.00017	< 0.00017	< 0.00017
Fluoride	mg/L	0.22	0.22	0.39	0.15	0.065 J	0.12	0.25
Additional Parameters								
Bicarbonate Alkalinity as CaCO3	mg/L	95.8	230	196	132	216	103	91.9
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	95.8	230	196	132	216	103	96.0
Magnesium	mg/L	8.9	14.1	15.0	11.5	9.4	9.8	10.3
Potassium	mg/L	2.8	6.7	5.7	2.3	0.30 J	1.3	1.4
Sodium	mg/L	3.7	7.4	13.3	6.4	10.8	9.6	22.8

Table 6
Summary of Corrective Action Piezometer Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Ash Pond 1
Floyd County, GA

	Sample Location	PT-08	PT-09	MW-53	MW-54
	Sample Date	02/11/2026	02/10/2026	02/10/2026	02/10/2026
ANALYTE	UNITS				
APPENDIX III					
pH, Field	SU	6.96	7.01	6.84	6.72
APPENDIX IV					
Arsenic	mg/L	0.088	NA	NA	0.033
Molybdenum	mg/L	NA	0.13	0.084	NA
Additional Parameters					
Ferrous (II) Iron, Field	mg/L	2.6	0	0	0

Notes:
mg/L - milligrams per liter
NA - Indicates not analyzed
SU - Standard Units

Table 7
Summary of Surface Water Sampling Analytical Data
Georgia Power Company
Plant Hammond - Ash Pond 1
Floyd County, GA

Sample Location[(1)]		H+0.25	H-SCC	H-SCC NBR
Sample Date		02/02/2026	02/02/2026	02/02/2026
ANALYTE	UNITS			
APPENDIX III				
Boron	mg/L	0.073	0.058	0.054
Calcium	mg/L	20.0	24.6	24.9
Chloride	mg/L	8.6	1.9	1.9
Fluoride	mg/L	< 0.10	< 0.10	< 0.10
pH, Field	SU	8.13	7.64	7.93
Sulfate	mg/L	11.4	11.1	11.8
TDS	mg/L	104	100	92.0
APPENDIX IV				
Cobalt	mg/L	< 0.0050	NA	NA
Fluoride	mg/L	< 0.10	< 0.10	< 0.10
Molybdenum	mg/L	< 0.010	< 0.010	< 0.010
Additional Parameters				
Alkalinity Total as CaCO3	mg/L	62.6	65.2	65.6
Bicarbonate Alkalinity as CaCO3	mg/L	62.6	65.2	65.6
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	5.1	3.8	3.9
Potassium	mg/L	2.2	1.0	0.94
Sodium	mg/L	8.3	2.4	2.2

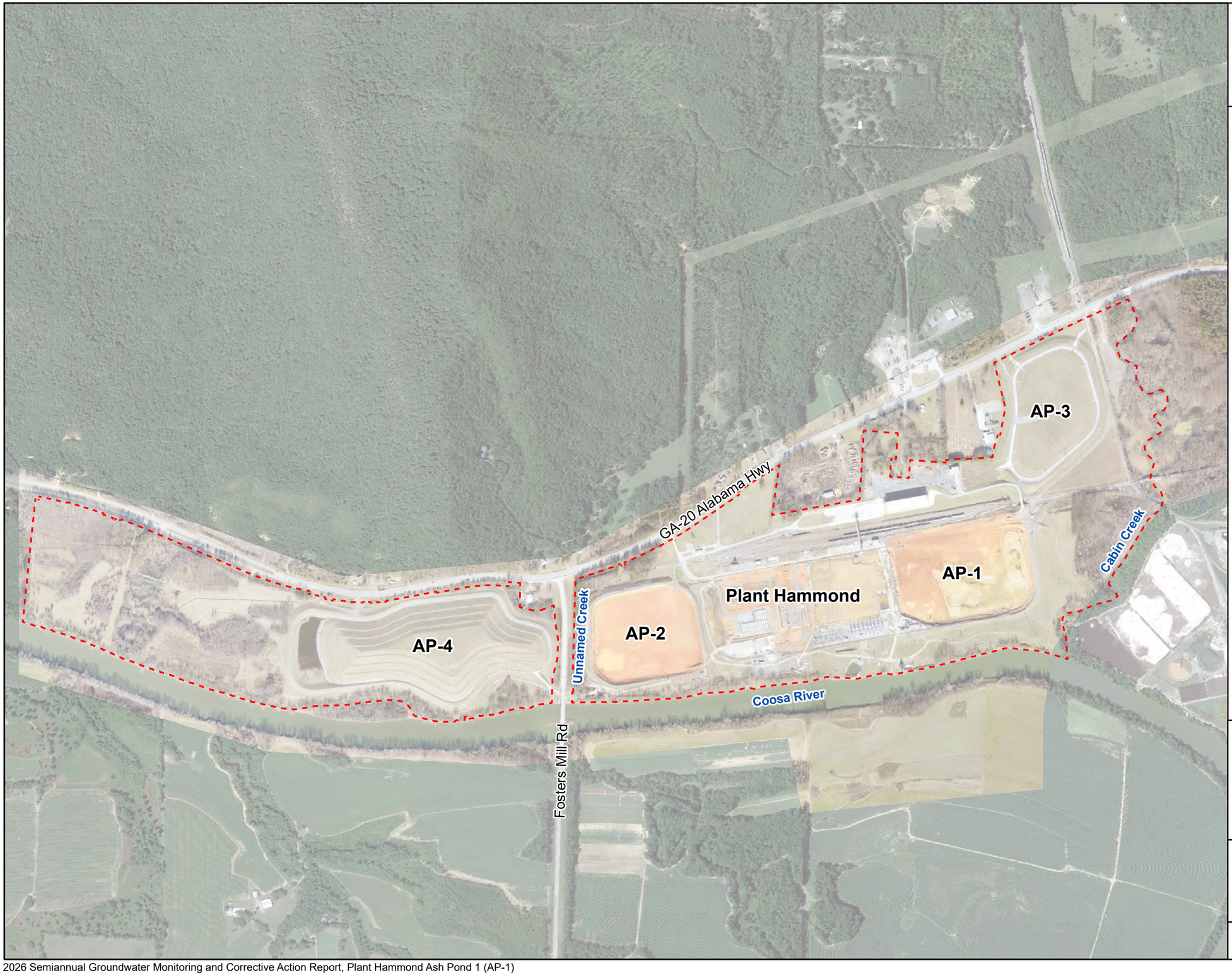
Notes:
mg/L - milligrams per liter
SU - Standard Units
NA - Indicates not analyzed
TDS - Total Dissolved Solids
< indicates the substance was not detected above the reporting limit (RL).
(1) Refer to Figure 2 for locations.

Table 8
Summary of Background Concentrations and Groundwater Protection Standards
Georgia Power Company
Plant Hammond Ash Pond 1
Floyd County, GA

Analyte	Units	EPA MCL	Federal CCR Rules Specified GWPS[1]	Background Limit[2]	GWPS[3,4]
Antimony	mg/L	0.006	N/A	0.002	0.006
Arsenic	mg/L	0.01	N/A	0.0036	0.01
Barium	mg/L	2	N/A	0.46	2
Beryllium	mg/L	0.004	N/A	0.0004	0.004
Cadmium	mg/L	0.005	N/A	0.0005	0.005
Chromium	mg/L	0.1	N/A	0.0079	0.1
Cobalt	mg/L	N/A	0.006	0.038	0.038
Combined Radium 226 + 228	pCi/L	5	N/A	1.58	5
Fluoride	mg/L	4	N/A	1.5	4
Lead	mg/L	N/A	0.015	0.001	0.015
Lithium	mg/L	N/A	0.04	0.064	0.064
Mercury	mg/L	0.002	N/A	0.0002	0.002
Molybdenum	mg/L	N/A	0.1	0.01	0.1
Selenium	mg/L	0.05	N/A	0.005	0.05
Thallium	mg/L	0.002	N/A	0.0005	0.002

Notes:
CCR = Coal Cumbustion Residuals
EPA = Environmental Protection Agency
GWPS = Groundwater Protection Standard
MCL = Maximum Contaminant Level
mg/L = miligrams per liter
N/A = Not Applicable
pCi/L = picocuries per liter
(1) On February 22, 2022, the Georgia Environmental Protection Division (GA EPD) adopted the federally promulgated GWPS for cobalt, lithium, lead, and molybdenum.
(2) The background limits were used when determining the GWPS under 40 CFR 257.95(h) and GA EPD Rule 391-3-4-.10(6)(a).
(3) Under 40 CFR 257.95(h)(1-3) the GWPS is: (i) the maximum contaminant level (MCL) established under §§141.62 and 141.66 of this title; (ii) where an MCL has not been established a rule-specific GWPS; or (iii) background levels for constituents where the background level is higher than the MCL or rule-specified
(4) The GWPS apply to the February 2026 sampling event.

FIGURES



N

LEGEND

Plant Hammond Property Boundary



Note:
1. Aerial photograph source: Google Earth Pro August 2019 and Georgia Power Company, January 2026.

0 500 1,000 2,000

SCALE IN FEET

SITE LOCATION MAP

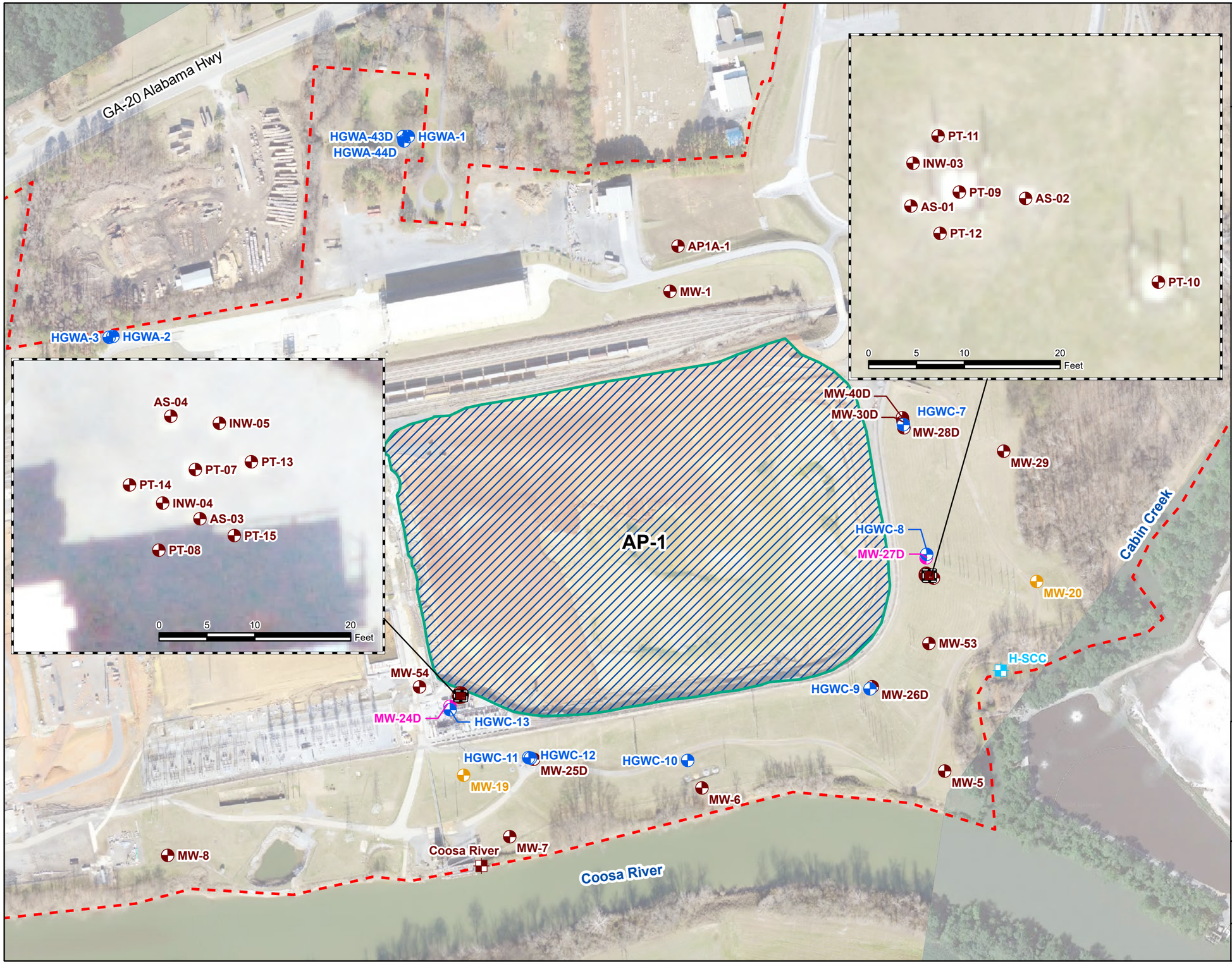
GEORGIA POWER COMPANY
PLANT HAMMOND AP-1
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 1



N

LEGEND

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Surface Water Level Gauge Point
- Surface Water Sample Point
- AP-1 Ash Boundary (removal certified complete by GA EPD on November 26, 2025)
- Plant Hammond Property Boundary

Notes:
1. Piezometers AS-01, AS-02, AS-03, AS-04, INW-03, INW-04, INW-05, PT-07, PT-08, PT-09, PT-10, PT-11, PT-12, PT-13, PT-14, PT-15, MW-53 and MW-54 were installed in support of an Assessment of Corrective Measures pre-design investigation and are not included in the monitoring well network.
2. Surface water sampling point H+0.25 is located approximately 2,000 feet west (downstream) of the Coosa River surface water level gauge point. Surface water sampling point H-SCC NBR is located approximately 3,300 feet to the north (upstream) of H-SCC along Cabin Creek.
4. GA EPD - Georgia Environmental Protection Division.
5. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, January 2026.

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SCALE IN FEET

MONITORING WELL NETWORK AND SAMPLING LOCATION MAP

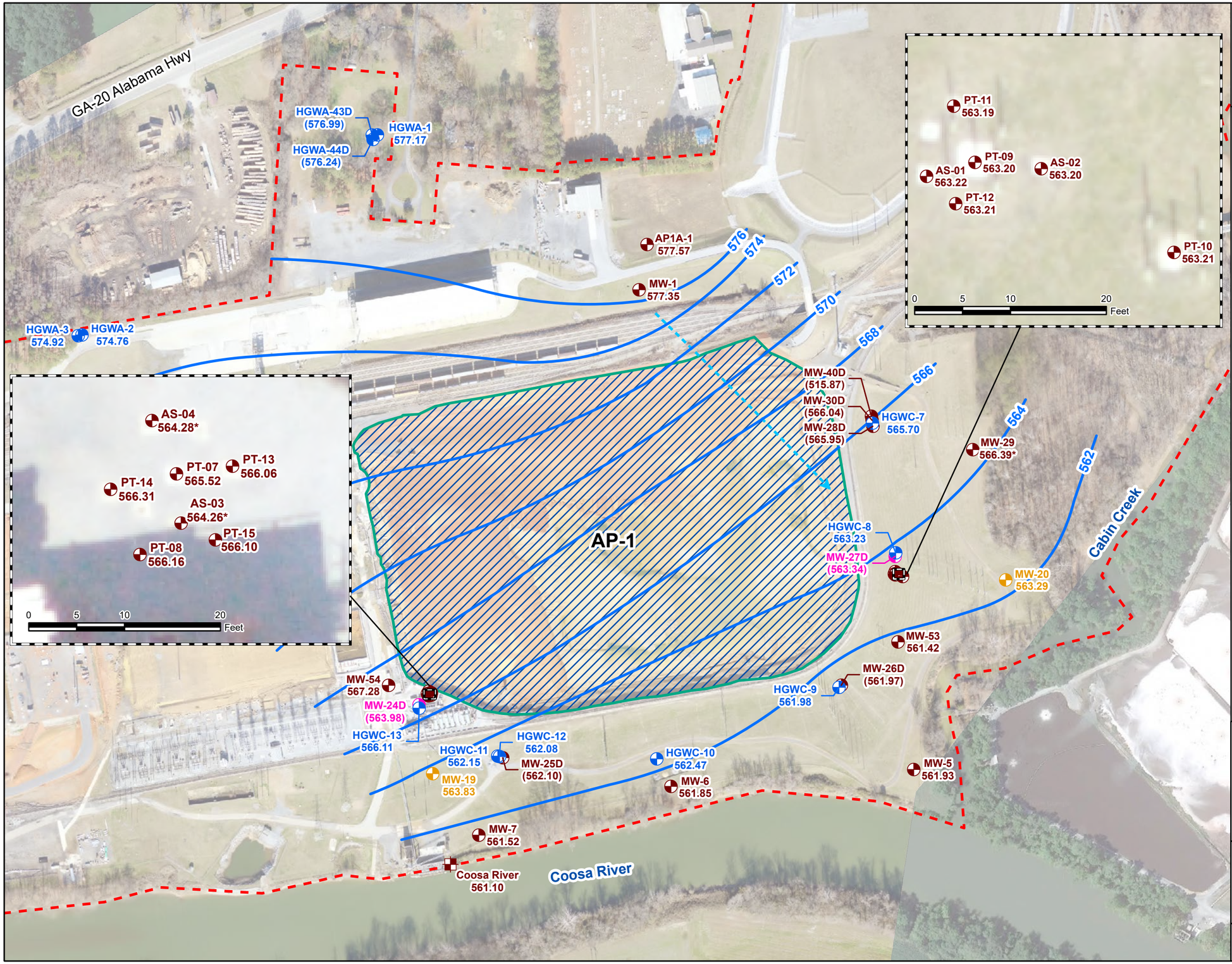
GEORGIA POWER COMPANY
PLANT HAMMOND AP-1
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

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FIGURE 2



N

LEGEND

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Surface Water Level Gauge Point
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- AP-1 Ash Boundary (removal certified complete by GA EPD on November 26, 2025)
- Plant Hammond Property Boundary

GEORGIA REGISTERED No. PE036513 PROFESSIONAL ENGINEER WHITNEY B. LAW

Notes:
1. Water level elevation recorded on February 2, 2026. Elevation provided in feet (ft) referenced to the North American Vertical Datum of 1988 (NAVD 88).
2. Groundwater elevations in parentheses were not used to make the groundwater contours because these wells are screened at a different elevation in the formation/aquifer.
3. Wells marked with an * were not used to make groundwater contours due to potential erroneous reading.
4. GA EPD - Georgia Environmental Protection Division.
5. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, January 2026.

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SCALE IN FEET

POTENTIOMETRIC SURFACE CONTOUR MAP - FEBRUARY 2026

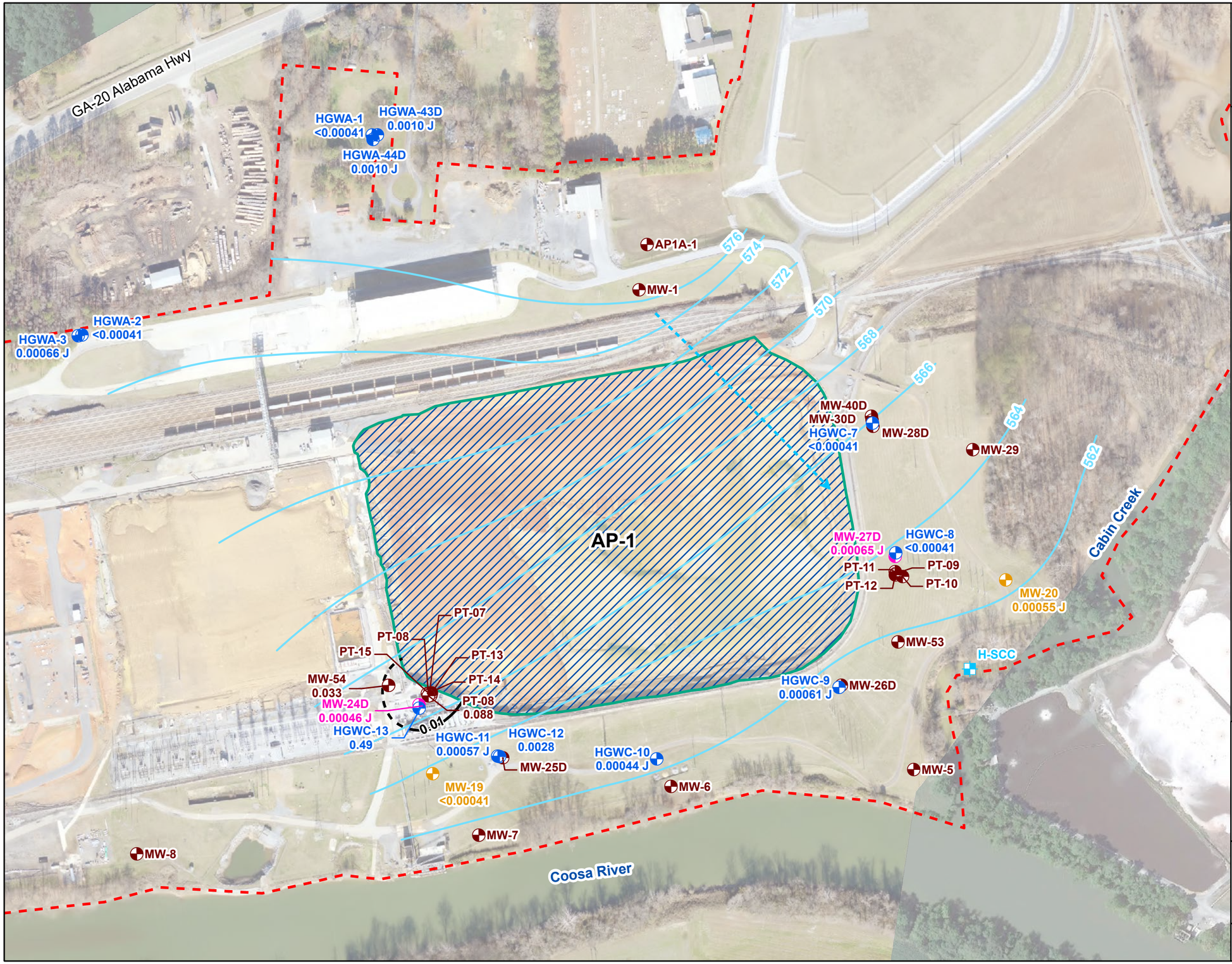
GEORGIA POWER COMPANY
PLANT HAMMOND AP-1
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

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FIGURE 3



N

LEGEND

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Surface Water Sample Point
- GWPS Arsenic Iso-Concentration Contour (mg/L) (dashed where inferred)
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- AP-1 Ash Boundary (removal certified complete by GA EPD on November 26, 2025)
- Plant Hammond Property Boundary

Notes:
1. Concentration data from groundwater samples collected during the February 2026 semiannual monitoring event. Data reported for wells screened deeper in the aquifer were not used to generate the iso-concentration contour (HGWA-43D, HGWA-44D, MW-24D, MW-25D, MW-26D, MW-27D, MW-28D). Concentrations are reported in milligrams per liter (mg/L).
2. Water level elevation recorded on February 2, 2026. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
3. The Groundwater Protection Standard (GWPS) for arsenic is 0.01 mg/L.
4. Piezometers may be sampled as needed for constituent specific site characterization.
5. J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
6. GA EPD - Georgia Environmental Protection Division.
7. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, January 2026.

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SCALE IN FEET

ISO-CONCENTRATION MAP ARSENIC - FEBRUARY 2026

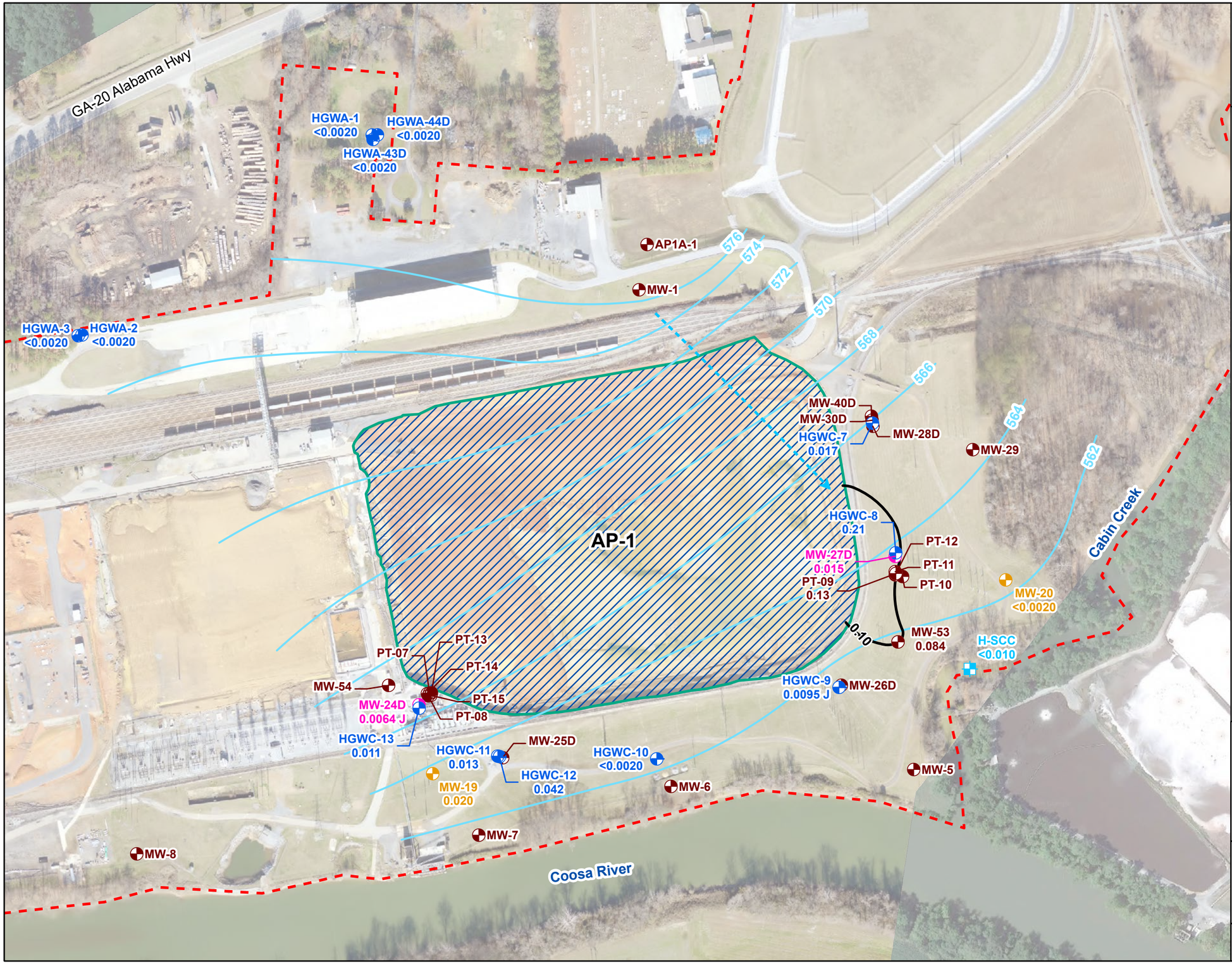
GEORGIA POWER COMPANY
PLANT HAMMOND AP-1
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 4



LEGEND

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Surface Water Sample Point
- GWPS Molybdenum Iso-Concentration Contour (mg/L)
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- AP-1 Ash Boundary (removal certified complete by GA EPD on November 26, 2025)
- Plant Hammond Property Boundary

Notes:
1. Concentration data from groundwater samples collected during the February 2026 semiannual monitoring event. Data reported for wells screened deeper in the aquifer were not used to generate the iso-concentration contour (HGWA-43D, HGWA-44D, MW-24D, MW-25D, MW-26D, MW-27D, MW-28D). Concentrations are reported in milligrams per liter (mg/L).
2. Water level elevation recorded on February 2, 2026. Elevation provided in feet (ft) referenced to the North American Vertical Datum (NAVD) 88.
3. The Groundwater Protection Standard (GWPS) for molybdenum is 0.01 mg/L.
4. Piezometers may be sampled as needed for constituent specific site characterization.
5. J - The result is an estimated concentration. “J” qualifiers are applied by the laboratory when the concentration reported is above the method detection limit, but below the laboratory reporting limit.
6. GA EPD - Georgia Environmental Protection Division.
7. Aerial photograph source: Google Earth Pro, August 2019 and Georgia Power Company, January 2026.

0 150 300 600

SCALE IN FEET

ISO-CONCENTRATION MAP MOLYBDENUM - FEBRUARY 2026

GEORGIA POWER COMPANY
PLANT HAMMOND AP-1
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 5

APPENDIX A

Well Maintenance and Repair Documentation Memorandum

Geosyntec consultants

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

MEMORANDUM

DATE: July 1, 2026

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

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

FROM: Geosyntec Consultants

SUBJECT: **Plant Hammond Ash Pond 1 (AP-1) – 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 Plant Hammond Ash Pond 1 (AP-1) 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/AP-1	2/2/2026	All Wells	Checked and cleared weep holes of debris.

Attachment
Well Inspection Summary Table

Well Inspection

Site Name: Plant Hammond AP-1

Date: 2/2/2026

Permit Number: 057-023D (CCR)

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)
HGWA-1	Yes	Yes	No	Yes
HGWA-2	Yes	Yes	No	Yes
HGWA-3	Yes	Yes	No	Yes
HGWA-43D	Yes	Yes	No	Yes
HGWA-44D	Yes	Yes	No	Yes
HGWC-7	Yes	Yes	No	Yes
HGWC-8	Yes	Yes	No	Yes
HGWC-9	Yes	Yes	No	Yes
HGWC-10	Yes	Yes	No	Yes
HGWC-11	Yes	Yes	No	Yes
HGWC-12	Yes	Yes	No	Yes
HGWC-13	Yes	Yes	No	Yes
AP1A-1	Yes	Yes	No	Yes
AS-01	Yes	Yes	No	Yes
AS-02	Yes	Yes	No	Yes
AS-03	Yes	Yes	No	Yes
AS-04	Yes	Yes	No	Yes
INW-03	Yes	Yes	No	Yes
INW-04	Yes	Yes	No	Yes
INW-05	Yes	Yes	No	Yes
MW-1	Yes	Yes	No	Yes
MW-5	Yes	Yes	No	Yes
MW-6	Yes	Yes	No	Yes
MW-7	Yes	Yes	No	Yes
MW-8	Yes	Yes	No	Yes
MW-19	Yes	Yes	No	Yes
MW-20	Yes	Yes	No	Yes
MW-24D	Yes	Yes	No	Yes
MW-25D	Yes	Yes	No	Yes
MW-26D	Yes	Yes	No	Yes
MW-27D	Yes	Yes	No	Yes
MW-28D	Yes	Yes	No	Yes
MW-29	Yes	Yes	No	Yes
MW-30D	Yes	Yes	No	Yes
MW-40D	Yes	Yes	No	Yes
MW-53	Yes	Yes	No	Yes
MW-54	Yes	Yes	No	Yes
PT-07	Yes	Yes	No	Yes
PT-08	Yes	Yes	No	Yes
PT-09	Yes	Yes	No	Yes
PT-10	Yes	Yes	No	Yes
PT-11	Yes	Yes	No	Yes
PT-12	Yes	Yes	No	Yes
PT-13	Yes	Yes	No	Yes
PT-14	Yes	Yes	No	Yes
PT-15	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Hammond AP-1

Date: 2/2/2026

Permit Number: 057-023D (CCR)

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
HGWA-1	Yes	Yes	Yes	Yes	Yes
HGWA-2	Yes	Yes	Yes	Yes	Yes
HGWA-3	Yes	Yes	Yes	Yes	Yes
HGWA-43D	Yes	Yes	Yes	Yes	Yes
HGWA-44D	Yes	Yes	Yes	Yes	Yes
HGWC-7	Yes	Yes	Yes	Yes	Yes
HGWC-8	Yes	Yes	Yes	Yes	Yes
HGWC-9	Yes	Yes	Yes	Yes	Yes
HGWC-10	Yes	Yes	Yes	Yes	Yes
HGWC-11	Yes	Yes	Yes	Yes	Yes
HGWC-12	Yes	Yes	Yes	Yes	Yes
HGWC-13	Yes	Yes	Yes	Yes	Yes
AP1A-1	Yes	Yes	Yes	Yes	Yes
AS-01	Yes	Yes	Yes	Yes	Yes
AS-02	Yes	Yes	Yes	Yes	Yes
AS-03	Yes	Yes	Yes	Yes	Yes
AS-04	Yes	Yes	Yes	Yes	Yes
INW-03	Yes	Yes	Yes	Yes	Yes
INW-04	Yes	Yes	Yes	Yes	Yes
INW-05	Yes	Yes	Yes	Yes	Yes
MW-1	Yes	Yes	Yes	Yes	Yes
MW-5	Yes	Yes	Yes	Yes	Yes
MW-6	Yes	Yes	Yes	Yes	Yes
MW-7	Yes	Yes	Yes	Yes	Yes
MW-8	Yes	Yes	Yes	Yes	Yes
MW-19	Yes	Yes	Yes	Yes	Yes
MW-20	Yes	Yes	Yes	Yes	Yes
MW-24D	Yes	Yes	Yes	Yes	Yes
MW-25D	Yes	Yes	Yes	Yes	Yes
MW-26D	Yes	Yes	Yes	Yes	Yes
MW-27D	Yes	Yes	Yes	Yes	Yes
MW-28D	Yes	Yes	Yes	Yes	Yes
MW-29	Yes	Yes	Yes	Yes	Yes
MW-30D	Yes	Yes	Yes	Yes	Yes
MW-40D	Yes	Yes	Yes	Yes	Yes
MW-53	Yes	Yes	Yes	Yes	Yes
MW-54	Yes	Yes	Yes	Yes	Yes
PT-07	Yes	Yes	Yes	Yes	Yes
PT-08	Yes	Yes	Yes	Yes	Yes
PT-09	Yes	Yes	Yes	Yes	Yes
PT-10	Yes	Yes	Yes	Yes	Yes
PT-11	Yes	Yes	Yes	Yes	Yes
PT-12	Yes	Yes	Yes	Yes	Yes
PT-13	Yes	Yes	Yes	Yes	Yes
PT-14	Yes	Yes	Yes	Yes	Yes
PT-15	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Hammond AP-1

Date: 2/2/2026

Permit Number: 057-023D (CCR)

Field Conditions: Clear, 29° F

	Surface Pad			Internal Casing		
Well ID:	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
HGWA-1	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-2	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-3	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-43D	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-44D	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-7	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-8	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-9	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-10	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-11	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-12	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-13	Yes	Yes	Yes	Yes	Yes	Yes
AP1A-1	Yes	Yes	Yes	Yes	Yes	Yes
AS-01	Yes	Yes	Yes	Yes	Yes	Yes
AS-02	Yes	Yes	Yes	Yes	Yes	Yes
AS-03	Yes	Yes	Yes	Yes	Yes	Yes
AS-04	Yes	Yes	Yes	Yes	Yes	Yes
INW-03	Yes	Yes	Yes	Yes	Yes	Yes
INW-04	Yes	Yes	Yes	Yes	Yes	Yes
INW-05	Yes	Yes	Yes	Yes	Yes	Yes
MW-1	Yes	Yes	Yes	Yes	Yes	Yes
MW-5	Yes	Yes	Yes	Yes	Yes	Yes
MW-6	Yes	Yes	Yes	Yes	Yes	Yes
MW-7	Yes	Yes	Yes	Yes	Yes	Yes
MW-8	Yes	Yes	Yes	Yes	Yes	Yes
MW-19	Yes	Yes	Yes	Yes	Yes	Yes
MW-20	Yes	Yes	Yes	Yes	Yes	Yes
MW-24D	Yes	Yes	Yes	Yes	Yes	Yes
MW-25D	Yes	Yes	Yes	Yes	Yes	Yes
MW-26D	Yes	Yes	Yes	Yes	Yes	Yes
MW-27D	Yes	Yes	Yes	Yes	Yes	Yes
MW-28D	Yes	Yes	Yes	Yes	Yes	Yes
MW-29	Yes	Yes	Yes	Yes	Yes	Yes
MW-30D	Yes	Yes	Yes	Yes	Yes	Yes
MW-40D	Yes	Yes	Yes	Yes	Yes	Yes
MW-53	Yes	Yes	Yes	Yes	Yes	Yes
MW-54	Yes	Yes	Yes	Yes	Yes	Yes
PT-07	Yes	Yes	Yes	Yes	Yes	Yes
PT-08	Yes	Yes	Yes	Yes	Yes	Yes
PT-09	Yes	Yes	Yes	Yes	Yes	Yes
PT-10	Yes	Yes	Yes	Yes	Yes	Yes
PT-11	Yes	Yes	Yes	Yes	Yes	Yes
PT-12	Yes	Yes	Yes	Yes	Yes	Yes
PT-13	Yes	Yes	Yes	Yes	Yes	Yes
PT-14	Yes	Yes	Yes	Yes	Yes	Yes
PT-15	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Hammond AP-1

Date: 2/2/2026

Permit Number: 057-023D (CCR)

Field Conditions: Clear, 29° F

Well ID:	Corrective actions as needed, by date:
HGWA-1	N/A
HGWA-2	N/A
HGWA-3	N/A
HGWA-43D	N/A
HGWA-44D	N/A
HGWC-7	N/A
HGWC-8	N/A
HGWC-9	N/A
HGWC-10	N/A
HGWC-11	N/A
HGWC-12	N/A
HGWC-13	N/A
AP1A-1	N/A
AS-01	N/A
AS-02	N/A
AS-03	N/A
AS-04	N/A
INW-03	N/A
INW-04	N/A
INW-05	N/A
MW-1	N/A
MW-5	N/A
MW-6	N/A
MW-7	N/A
MW-8	N/A
MW-19	N/A
MW-20	N/A
MW-24D	N/A
MW-25D	N/A
MW-26D	N/A
MW-27D	N/A
MW-28D	N/A
MW-29	N/A
MW-30D	N/A
MW-40D	N/A
MW-53	N/A
MW-54	N/A
PT-07	N/A
PT-08	N/A
PT-09	N/A
PT-10	N/A
PT-11	N/A
PT-12	N/A
PT-13	N/A
PT-14	N/A
PT-15	N/A

APPENDIX B

Laboratory Analytical and Field Sampling Reports

LABORATORY ANALYTICAL RESULTS

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

February 19, 2026

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

RE: Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on February 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 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@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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Huntersville, NC 28078
(704)875-9092

CERTIFICATIONS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

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
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: VT2006
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

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SAMPLE SUMMARY

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92842470001	**HAM-HGWA-1**	Water	02/03/26 11:18	02/04/26 17:15
92842470002	**HAM-HGWA-2**	Water	02/03/26 13:56	02/04/26 17:15
92842470003	**HAM-HGWA-3**	Water	02/03/26 15:58	02/04/26 17:15
92842470004	**HAM-HGWA-43D**	Water	02/03/26 10:27	02/04/26 17:15
92842470005	**HAM-HGWA-44D**	Water	02/03/26 14:40	02/04/26 17:15
92842470006	**HAM-UGRD-FD-01**	Water	02/03/26 00:00	02/04/26 17:15
92842470007	**HAM-UGRD-EB-01**	Water	02/03/26 17:05	02/04/26 17:15
92842470008	**HAM-UGRD-FB-01**	Water	02/03/26 17:00	02/04/26 17:15
92842470009	**NONE**	Water	02/03/26 11:18	02/04/26 17:15

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SAMPLE ANALYTE COUNT

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92842470001	**HAM-HGWA-1**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	CBP	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842470002	**HAM-HGWA-2**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842470003	**HAM-HGWA-3**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842470004	**HAM-HGWA-43D**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842470005	**HAM-HGWA-44D**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842470006	**HAM-UGRD-FD-01**	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, CBP	13	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842470007	**HAM-UGRD-EB-01**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A

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SAMPLE ANALYTE COUNT

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	13	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842470008	**HAM-UGRD-FB-01**	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, CBP	13	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: Hammond Pooled Upgradient
Pace Project No.: 92842470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842470001	**HAM-HGWA-1**					
EPA 6020B	Lithium	0.00144J	mg/L	0.00200	02/12/26 22:03	J
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	309	mg/L	5.0	02/11/26 20:59	
SM 2320B-2021	Alkalinity, Total as CaCO3	309	mg/L	5.0	02/11/26 20:59	
SM 2540C-2020	Total Dissolved Solids	388	mg/L	25.0	02/06/26 17:38	
EPA 300.0 Rev 2.1 1993	Chloride	6.9	mg/L	1.0	02/06/26 03:07	
EPA 300.0 Rev 2.1 1993	Fluoride	0.089J	mg/L	0.10	02/06/26 03:07	
EPA 300.0 Rev 2.1 1993	Sulfate	42.1	mg/L	1.0	02/06/26 03:07	
EPA 6020B	Barium	0.031	mg/L	0.0050	02/14/26 00:31	
EPA 6020B	Boron	0.021J	mg/L	0.040	02/14/26 00:31	
EPA 6020B	Calcium	129	mg/L	4.0	02/14/26 00:40	
EPA 6020B	Cobalt	0.00012J	mg/L	0.0050	02/14/26 00:31	
EPA 6020B	Magnesium	4.6	mg/L	0.050	02/14/26 00:31	
EPA 6020B	Potassium	0.44	mg/L	0.40	02/14/26 00:31	
EPA 6020B	Sodium	16.9	mg/L	0.40	02/14/26 00:31	
92842470002	**HAM-HGWA-2**					
EPA 6020B	Lithium	0.00202	mg/L	0.00200	02/12/26 22:06	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	51.4	mg/L	5.0	02/11/26 21:07	
SM 2320B-2021	Alkalinity, Total as CaCO3	51.4	mg/L	5.0	02/11/26 21:07	
SM 2540C-2020	Total Dissolved Solids	179	mg/L	25.0	02/06/26 17:38	
EPA 300.0 Rev 2.1 1993	Chloride	8.2	mg/L	1.0	02/06/26 03:52	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	02/06/26 03:52	
EPA 300.0 Rev 2.1 1993	Sulfate	61.8	mg/L	1.0	02/06/26 03:52	
EPA 6020B	Barium	0.054	mg/L	0.0050	02/14/26 01:08	
EPA 6020B	Boron	0.039J	mg/L	0.040	02/14/26 01:08	
EPA 6020B	Cadmium	0.00035J	mg/L	0.00050	02/14/26 01:08	
EPA 6020B	Calcium	37.2	mg/L	2.0	02/14/26 01:17	
EPA 6020B	Chromium	0.00051J	mg/L	0.0050	02/14/26 01:08	
EPA 6020B	Cobalt	0.019	mg/L	0.0050	02/17/26 19:59	
EPA 6020B	Magnesium	3.1	mg/L	0.050	02/14/26 01:08	
EPA 6020B	Potassium	1.3	mg/L	0.40	02/17/26 19:59	
EPA 6020B	Sodium	10.4	mg/L	0.40	02/14/26 01:08	
92842470003	**HAM-HGWA-3**					
EPA 6020B	Lithium	0.00408	mg/L	0.00200	02/12/26 22:18	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	224	mg/L	5.0	02/11/26 21:13	
SM 2320B-2021	Alkalinity, Total as CaCO3	224	mg/L	5.0	02/11/26 21:13	M1
SM 2540C-2020	Total Dissolved Solids	277	mg/L	25.0	02/06/26 17:38	
EPA 300.0 Rev 2.1 1993	Chloride	5.5	mg/L	1.0	02/06/26 04:07	
EPA 300.0 Rev 2.1 1993	Fluoride	0.066J	mg/L	0.10	02/06/26 04:07	
EPA 300.0 Rev 2.1 1993	Sulfate	25.5	mg/L	1.0	02/06/26 04:07	
EPA 6020B	Arsenic	0.00066J	mg/L	0.0020	02/14/26 01:26	
EPA 6020B	Barium	0.12	mg/L	0.0050	02/14/26 01:26	
EPA 6020B	Boron	0.0094J	mg/L	0.040	02/14/26 01:26	
EPA 6020B	Calcium	86.8	mg/L	2.0	02/14/26 01:35	
EPA 6020B	Magnesium	5.3	mg/L	0.050	02/14/26 01:26	
EPA 6020B	Potassium	0.40J	mg/L	0.40	02/17/26 20:17	
EPA 6020B	Sodium	5.7	mg/L	0.40	02/14/26 01:26	

REPORT OF LABORATORY ANALYSIS

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

SUMMARY OF DETECTION

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842470004	**HAM-HGWA-43D**					
EPA 6020B	Lithium	0.00335	mg/L	0.00200	02/12/26 22:22	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	243	mg/L	5.0	02/11/26 21:46	
SM 2320B-2021	Alkalinity, Total as CaCO3	243	mg/L	5.0	02/11/26 21:46	
SM 2540C-2020	Total Dissolved Solids	278	mg/L	25.0	02/06/26 17:38	
EPA 300.0 Rev 2.1 1993	Chloride	4.2	mg/L	1.0	02/06/26 04:22	
EPA 300.0 Rev 2.1 1993	Fluoride	0.18	mg/L	0.10	02/06/26 04:22	
EPA 300.0 Rev 2.1 1993	Sulfate	21.8	mg/L	1.0	02/06/26 04:22	
EPA 6020B	Arsenic	0.0010J	mg/L	0.0020	02/14/26 01:45	
EPA 6020B	Barium	0.29	mg/L	0.0050	02/14/26 01:45	
EPA 6020B	Boron	0.036J	mg/L	0.040	02/14/26 01:45	
EPA 6020B	Calcium	61.7	mg/L	2.0	02/14/26 01:54	
EPA 6020B	Magnesium	19.3	mg/L	0.050	02/14/26 01:45	
EPA 6020B	Potassium	0.75	mg/L	0.40	02/17/26 20:36	
EPA 6020B	Sodium	18.9	mg/L	0.40	02/14/26 01:45	
92842470005	**HAM-HGWA-44D**					
EPA 6020B	Lithium	0.111	mg/L	0.00200	02/12/26 22:25	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	144	mg/L	5.0	02/11/26 22:13	
SM 2320B-2021	Alkalinity, Total as CaCO3	148	mg/L	5.0	02/11/26 22:13	
SM 2540C-2020	Total Dissolved Solids	377	mg/L	25.0	02/06/26 17:38	
EPA 300.0 Rev 2.1 1993	Chloride	29.1	mg/L	1.0	02/06/26 04:36	
EPA 300.0 Rev 2.1 1993	Fluoride	0.95	mg/L	0.10	02/06/26 04:36	
EPA 300.0 Rev 2.1 1993	Sulfate	0.58J	mg/L	1.0	02/06/26 04:36	
EPA 6020B	Arsenic	0.0010J	mg/L	0.0020	02/14/26 02:03	
EPA 6020B	Barium	0.084	mg/L	0.0050	02/14/26 02:03	
EPA 6020B	Boron	0.47	mg/L	0.20	02/14/26 02:12	
EPA 6020B	Calcium	6.7	mg/L	0.40	02/14/26 02:03	
EPA 6020B	Chromium	0.00047J	mg/L	0.0050	02/14/26 02:03	
EPA 6020B	Magnesium	2.6	mg/L	0.050	02/14/26 02:03	
EPA 6020B	Potassium	1.6	mg/L	0.40	02/17/26 20:54	
EPA 6020B	Sodium	142	mg/L	2.0	02/14/26 02:12	
92842470006	**HAM-UGRD-FD-01**					
EPA 6020B	Lithium	0.108	mg/L	0.00200	02/12/26 22:28	
SM 2540C-2020	Total Dissolved Solids	378	mg/L	25.0	02/06/26 17:38	
EPA 300.0 Rev 2.1 1993	Chloride	29.2	mg/L	1.0	02/06/26 05:21	
EPA 300.0 Rev 2.1 1993	Fluoride	0.90	mg/L	0.10	02/06/26 05:21	
EPA 300.0 Rev 2.1 1993	Sulfate	0.61J	mg/L	1.0	02/06/26 05:21	
EPA 6020B	Arsenic	0.00091J	mg/L	0.0020	02/14/26 02:22	
EPA 6020B	Barium	0.092	mg/L	0.0050	02/14/26 02:22	
EPA 6020B	Boron	0.47	mg/L	0.20	02/17/26 21:22	
EPA 6020B	Calcium	7.1	mg/L	0.40	02/14/26 02:22	
EPA 6020B	Chromium	0.00054J	mg/L	0.0050	02/14/26 02:22	
92842470008	**HAM-UGRD-FB-01**					
EPA 6020B	Chromium	0.00026J	mg/L	0.0050	02/14/26 02:59	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-HGWA-1 **Lab ID: 92842470001** Collected: 02/03/26 11:18 Received: 02/04/26 17:15 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	**0.00144J**	mg/L	0.00200	0.000600	1	02/12/26 13:43	02/12/26 22:03	7439-93-2	J
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**309**	mg/L	5.0	5.0	1		02/11/26 20:59		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/11/26 20:59		
Alkalinity, Total as CaCO3	**309**	mg/L	5.0	5.0	1		02/11/26 20:59		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**388**	mg/L	25.0	25.0	1		02/06/26 17:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**6.9**	mg/L	1.0	0.60	1		02/06/26 03:07	16887-00-6	
Fluoride	**0.089J**	mg/L	0.10	0.050	1		02/06/26 03:07	16984-48-8	
Sulfate	**42.1**	mg/L	1.0	0.50	1		02/06/26 03:07	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	02/06/26 12:23	02/14/26 00:31	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 00:31	7440-38-2	
Barium	**0.031**	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 00:31	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 00:31	7440-41-7	
Boron	**0.021J**	mg/L	0.040	0.0073	1	02/06/26 12:23	02/14/26 00:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 00:31	7440-43-9	
Calcium	**129**	mg/L	4.0	1.0	10	02/06/26 12:23	02/14/26 00:40	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 00:31	7440-47-3	
Cobalt	**0.00012J**	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/14/26 00:31	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 00:31	7439-92-1	
Magnesium	**4.6**	mg/L	0.050	0.024	1	02/06/26 12:23	02/14/26 00:31	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 00:31	7439-98-7	
Potassium	**0.44**	mg/L	0.40	0.13	1	02/06/26 12:23	02/14/26 00:31	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 00:31	7782-49-2	
Sodium	**16.9**	mg/L	0.40	0.083	1	02/06/26 12:23	02/14/26 00:31	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 00:31	7440-28-0	
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	02/11/26 14:22	02/13/26 00:31	7439-97-6	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-HGWA-2 **Lab ID: 92842470002** Collected: 02/03/26 13:56 Received: 02/04/26 17:15 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	**0.00202**	mg/L	0.00200	0.000600	1	02/12/26 13:43	02/12/26 22:06	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**51.4**	mg/L	5.0	5.0	1		02/11/26 21:07		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/11/26 21:07		
Alkalinity, Total as CaCO3	**51.4**	mg/L	5.0	5.0	1		02/11/26 21:07		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**179**	mg/L	25.0	25.0	1		02/06/26 17:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**8.2**	mg/L	1.0	0.60	1		02/06/26 03:52	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.050	1		02/06/26 03:52	16984-48-8	
Sulfate	**61.8**	mg/L	1.0	0.50	1		02/06/26 03:52	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	02/06/26 12:23	02/14/26 01:08	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 01:08	7440-38-2	
Barium	**0.054**	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 01:08	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 01:08	7440-41-7	
Boron	**0.039J**	mg/L	0.040	0.0073	1	02/06/26 12:23	02/14/26 01:08	7440-42-8	
Cadmium	**0.00035J**	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 01:08	7440-43-9	
Calcium	**37.2**	mg/L	2.0	0.50	5	02/06/26 12:23	02/14/26 01:17	7440-70-2	
Chromium	**0.00051J**	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 01:08	7440-47-3	
Cobalt	**0.019**	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/17/26 19:59	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 01:08	7439-92-1	
Magnesium	**3.1**	mg/L	0.050	0.024	1	02/06/26 12:23	02/14/26 01:08	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 01:08	7439-98-7	
Potassium	**1.3**	mg/L	0.40	0.13	1	02/06/26 12:23	02/17/26 19:59	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 01:08	7782-49-2	
Sodium	**10.4**	mg/L	0.40	0.083	1	02/06/26 12:23	02/14/26 01:08	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 01:08	7440-28-0	
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	02/11/26 14:22	02/13/26 00:34	7439-97-6	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-HGWA-3 **Lab ID: 92842470003** Collected: 02/03/26 15:58 Received: 02/04/26 17:15 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	**0.00408**	mg/L	0.00200	0.000600	1	02/12/26 13:43	02/12/26 22:18	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**224**	mg/L	5.0	5.0	1		02/11/26 21:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/11/26 21:13		
Alkalinity, Total as CaCO3	**224**	mg/L	5.0	5.0	1		02/11/26 21:13		M1
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**277**	mg/L	25.0	25.0	1		02/06/26 17:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.5**	mg/L	1.0	0.60	1		02/06/26 04:07	16887-00-6	
Fluoride	**0.066J**	mg/L	0.10	0.050	1		02/06/26 04:07	16984-48-8	
Sulfate	**25.5**	mg/L	1.0	0.50	1		02/06/26 04:07	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	02/06/26 12:23	02/14/26 01:26	7440-36-0	
Arsenic	**0.00066J**	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 01:26	7440-38-2	
Barium	**0.12**	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 01:26	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 01:26	7440-41-7	
Boron	**0.0094J**	mg/L	0.040	0.0073	1	02/06/26 12:23	02/14/26 01:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 01:26	7440-43-9	
Calcium	**86.8**	mg/L	2.0	0.50	5	02/06/26 12:23	02/14/26 01:35	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 01:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/17/26 20:17	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 01:26	7439-92-1	
Magnesium	**5.3**	mg/L	0.050	0.024	1	02/06/26 12:23	02/14/26 01:26	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 01:26	7439-98-7	
Potassium	**0.40J**	mg/L	0.40	0.13	1	02/06/26 12:23	02/17/26 20:17	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 01:26	7782-49-2	
Sodium	**5.7**	mg/L	0.40	0.083	1	02/06/26 12:23	02/14/26 01:26	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 01:26	7440-28-0	
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	02/11/26 14:22	02/13/26 00:36	7439-97-6	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-HGWA-43D **Lab ID: 92842470004** Collected: 02/03/26 10:27 Received: 02/04/26 17:15 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	**0.00335**	mg/L	0.00200	0.000600	1	02/12/26 13:43	02/12/26 22:22	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**243**	mg/L	5.0	5.0	1		02/11/26 21:46		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/11/26 21:46		
Alkalinity, Total as CaCO3	**243**	mg/L	5.0	5.0	1		02/11/26 21:46		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**278**	mg/L	25.0	25.0	1		02/06/26 17:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.2**	mg/L	1.0	0.60	1		02/06/26 04:22	16887-00-6	
Fluoride	**0.18**	mg/L	0.10	0.050	1		02/06/26 04:22	16984-48-8	
Sulfate	**21.8**	mg/L	1.0	0.50	1		02/06/26 04:22	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	02/06/26 12:23	02/14/26 01:45	7440-36-0	
Arsenic	**0.0010J**	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 01:45	7440-38-2	
Barium	**0.29**	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 01:45	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 01:45	7440-41-7	
Boron	**0.036J**	mg/L	0.040	0.0073	1	02/06/26 12:23	02/14/26 01:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 01:45	7440-43-9	
Calcium	**61.7**	mg/L	2.0	0.50	5	02/06/26 12:23	02/14/26 01:54	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 01:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/17/26 20:36	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 01:45	7439-92-1	
Magnesium	**19.3**	mg/L	0.050	0.024	1	02/06/26 12:23	02/14/26 01:45	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 01:45	7439-98-7	
Potassium	**0.75**	mg/L	0.40	0.13	1	02/06/26 12:23	02/17/26 20:36	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 01:45	7782-49-2	
Sodium	**18.9**	mg/L	0.40	0.083	1	02/06/26 12:23	02/14/26 01:45	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 01:45	7440-28-0	
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	02/11/26 14:22	02/13/26 00:44	7439-97-6	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-HGWA-44D **Lab ID: 92842470005** Collected: 02/03/26 14:40 Received: 02/04/26 17:15 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	**0.111**	mg/L	0.00200	0.000600	1	02/12/26 13:43	02/12/26 22:25	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**144**	mg/L	5.0	5.0	1		02/11/26 22:13		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/11/26 22:13		
Alkalinity, Total as CaCO3	**148**	mg/L	5.0	5.0	1		02/11/26 22:13		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**377**	mg/L	25.0	25.0	1		02/06/26 17:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**29.1**	mg/L	1.0	0.60	1		02/06/26 04:36	16887-00-6	
Fluoride	**0.95**	mg/L	0.10	0.050	1		02/06/26 04:36	16984-48-8	
Sulfate	**0.58J**	mg/L	1.0	0.50	1		02/06/26 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	02/06/26 12:23	02/14/26 02:03	7440-36-0	
Arsenic	**0.0010J**	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 02:03	7440-38-2	
Barium	**0.084**	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 02:03	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 02:03	7440-41-7	
Boron	**0.47**	mg/L	0.20	0.037	5	02/06/26 12:23	02/14/26 02:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 02:03	7440-43-9	
Calcium	**6.7**	mg/L	0.40	0.10	1	02/06/26 12:23	02/14/26 02:03	7440-70-2	
Chromium	**0.00047J**	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 02:03	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/17/26 20:54	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 02:03	7439-92-1	
Magnesium	**2.6**	mg/L	0.050	0.024	1	02/06/26 12:23	02/14/26 02:03	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 02:03	7439-98-7	
Potassium	**1.6**	mg/L	0.40	0.13	1	02/06/26 12:23	02/17/26 20:54	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 02:03	7782-49-2	
Sodium	**142**	mg/L	2.0	0.42	5	02/06/26 12:23	02/14/26 02:12	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 02:03	7440-28-0	
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	02/11/26 14:22	02/13/26 00:46	7439-97-6	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-UGRD-FD-01 **Lab ID: 92842470006** Collected: 02/03/26 00:00 Received: 02/04/26 17:15 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	**0.108**	mg/L	0.00200	0.000600	1	02/12/26 13:43	02/12/26 22:28	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**378**	mg/L	25.0	25.0	1		02/06/26 17:38		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**29.2**	mg/L	1.0	0.60	1		02/06/26 05:21	16887-00-6	
Fluoride	**0.90**	mg/L	0.10	0.050	1		02/06/26 05:21	16984-48-8	
Sulfate	**0.61J**	mg/L	1.0	0.50	1		02/06/26 05:21	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/06/26 12:23	02/14/26 02:22	7440-36-0	
Arsenic	**0.00091J**	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 02:22	7440-38-2	
Barium	**0.092**	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 02:22	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 02:22	7440-41-7	
Boron	**0.47**	mg/L	0.20	0.037	5	02/06/26 12:23	02/17/26 21:22	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 02:22	7440-43-9	
Calcium	**7.1**	mg/L	0.40	0.10	1	02/06/26 12:23	02/14/26 02:22	7440-70-2	
Chromium	**0.00054J**	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 02:22	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/17/26 21:13	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 02:22	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 02:22	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 02:22	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 02:22	7440-28-0	
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	02/11/26 14:22	02/13/26 00:49	7439-97-6	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-UGRD-EB-01 **Lab ID: 92842470007** Collected: 02/03/26 17:05 Received: 02/04/26 17:15 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	02/12/26 13:43	02/12/26 22:31	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		02/06/26 17:21		
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		02/06/26 00:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/06/26 00:25	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/06/26 00:25	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	02/06/26 12:23	02/14/26 02:31	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 02:31	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 02:31	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 02:31	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/06/26 12:23	02/14/26 02:31	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 02:31	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/06/26 12:23	02/14/26 02:31	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 02:31	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/17/26 21:50	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 02:31	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 02:31	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 02:31	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 02:31	7440-28-0	
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	02/11/26 14:22	02/13/26 00:52	7439-97-6	

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ANALYTICAL RESULTS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Sample: HAM-UGRD-FB-01 **Lab ID: 92842470008** Collected: 02/03/26 17:00 Received: 02/04/26 17:15 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	02/12/26 13:43	02/12/26 22:34	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		02/06/26 17:21		
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		02/06/26 00:40	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/06/26 00:40	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/06/26 00:40	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	02/06/26 12:23	02/14/26 02:59	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 02:59	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 02:59	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 02:59	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/06/26 12:23	02/14/26 02:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 02:59	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/06/26 12:23	02/14/26 02:59	7440-70-2	
Chromium	**0.00026J**	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 02:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/17/26 21:59	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 02:59	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 02:59	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 02:59	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 02:59	7440-28-0	
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	02/11/26 14:22	02/13/26 00:54	7439-97-6	

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QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

QC Batch: 2689890
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

METHOD BLANK: R4335658-1 Matrix: Water
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/12/26 21:37	

LABORATORY CONTROL SAMPLE: R4335658-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0528	106	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4335658-4 R4335658-5

Parameter	Units	L1942207-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00855	0.0500	0.0500	0.0573	0.0587	97.5	100	75.0-125	2.33	20	

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QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

QC Batch: 989993
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005

METHOD BLANK: 5088347 Matrix: Water
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/11/26 18:33	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/11/26 18:33	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/11/26 18:33	

LABORATORY CONTROL SAMPLE: 5088348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.8	104	80-120	

LABORATORY CONTROL SAMPLE: 5088349

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: 5088780 5088781

Parameter	Units	92842470003 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	224	50	50	260	258	73	67	80-120	1	25	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088782 5088783

Parameter	Units	92842470004 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	243	50	50	286	283	88	82	80-120	1	25	

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QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

QC Batch: 989209 | Analysis Method: SM 2540C-2020
QC Batch Method: SM 2540C-2020 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006

METHOD BLANK: 5084023 Matrix: Water
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/06/26 17:37	

LABORATORY CONTROL SAMPLE: 5084024

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	260	104	90-110	

SAMPLE DUPLICATE: 5084025

Parameter	Units	92842056010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	532	538	1	25	

SAMPLE DUPLICATE: 5084026

Parameter	Units	92841992003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	98.0	93.0	5	25	

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QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

QC Batch: 989210
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: 92842470007, 92842470008

METHOD BLANK: 5084032 Matrix: Water
Associated Lab Samples: 92842470007, 92842470008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/06/26 17:21	

LABORATORY CONTROL SAMPLE: 5084033

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	248	99	90-110	

SAMPLE DUPLICATE: 5084034

Parameter	Units	92842470007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

SAMPLE DUPLICATE: 5084035

Parameter	Units	92842573001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1140	1130	1	25	

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QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

QC Batch: 989031
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: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

METHOD BLANK: 5083347 Matrix: Water
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/05/26 23:55	
Fluoride	mg/L	ND	0.10	0.050	02/05/26 23:55	
Sulfate	mg/L	ND	1.0	0.50	02/05/26 23:55	

LABORATORY CONTROL SAMPLE: 5083348

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	53.3	107	90-110	
Fluoride	mg/L	2.5	2.6	104	90-110	
Sulfate	mg/L	50	53.3	107	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5083349 5083350

Parameter	Units	92842470001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	6.9	50	50	56.4	57.9	99	102	90-110	3	10	
Fluoride	mg/L	0.089J	2.5	2.5	2.4	2.4	91	94	90-110	3	10	
Sulfate	mg/L	42.1	50	50	91.2	92.6	98	101	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5083351 5083352

Parameter	Units	92842510001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3.5	50	50	53.4	54.4	100	102	90-110	2	10	
Fluoride	mg/L	0.18	2.5	2.5	2.5	2.5	92	95	90-110	2	10	
Sulfate	mg/L	6.5	50	50	56.6	57.6	100	102	90-110	2	10	

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QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

QC Batch: 989215
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

METHOD BLANK: 5084069 Matrix: Water
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	02/13/26 23:17	
Arsenic	mg/L	ND	0.0020	0.00041	02/13/26 23:17	
Barium	mg/L	ND	0.0050	0.00056	02/13/26 23:17	
Beryllium	mg/L	ND	0.00040	0.00015	02/13/26 23:17	
Boron	mg/L	ND	0.040	0.0073	02/13/26 23:17	
Cadmium	mg/L	ND	0.00050	0.00010	02/13/26 23:17	
Calcium	mg/L	ND	0.40	0.10	02/13/26 23:17	
Chromium	mg/L	ND	0.0050	0.00024	02/13/26 23:17	
Cobalt	mg/L	ND	0.0050	0.00012	02/13/26 23:17	
Lead	mg/L	ND	0.0010	0.00027	02/13/26 23:17	
Magnesium	mg/L	ND	0.050	0.024	02/13/26 23:17	
Molybdenum	mg/L	ND	0.010	0.0020	02/13/26 23:17	
Potassium	mg/L	ND	0.40	0.13	02/13/26 23:17	
Selenium	mg/L	ND	0.0050	0.00050	02/13/26 23:17	
Sodium	mg/L	ND	0.40	0.083	02/13/26 23:17	
Thallium	mg/L	ND	0.00050	0.00017	02/13/26 23:17	

LABORATORY CONTROL SAMPLE: 5084070

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	105	80-120	
Arsenic	mg/L	0.1	0.089	89	80-120	
Barium	mg/L	0.1	0.098	98	80-120	
Beryllium	mg/L	0.1	0.096	96	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	1.1	112	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.11	107	80-120	
Lead	mg/L	0.1	0.10	101	80-120	
Magnesium	mg/L	1	1.1	106	80-120	
Molybdenum	mg/L	0.1	0.098	98	80-120	
Potassium	mg/L	1	1.0	103	80-120	
Selenium	mg/L	0.1	0.083	83	80-120	
Sodium	mg/L	1	1.0	102	80-120	
Thallium	mg/L	0.1	0.098	98	80-120	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5084071 5084072

Parameter	Units	92842312009 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	0.0056	0.0058	6	6	75-125	4	20	M1
Arsenic	mg/L	3.2 ug/L	0.1	0.1	0.027	0.027	24	23	75-125	2	20	M1
Barium	mg/L	5370 ug/L	0.1	0.1	5.6	5.7	214	296	75-125	1	20	M1
Beryllium	mg/L	16.8 ug/L	0.1	0.1	0.12	0.12	102	101	75-125	1	20	
Boron	mg/L	10.3J ug/L	0.1	0.1	0.10	0.11	92	96	75-125	4	20	
Cadmium	mg/L	1.4 ug/L	0.1	0.1	0.097	0.098	95	96	75-125	1	20	
Calcium	mg/L	20700 ug/L	1	1	21.9	22.2	121	155	75-125	2	20	M1
Chromium	mg/L	174 ug/L	0.1	0.1	0.28	0.27	106	100	75-125	2	20	
Cobalt	mg/L	96.6 ug/L	0.1	0.1	0.19	0.20	98	105	75-125	3	20	
Lead	mg/L	67.9 ug/L	0.1	0.1	0.19	0.19	122	125	75-125	1	20	
Magnesium	mg/L	42500 ug/L	1	1	43.8	44.2	136	168	75-125	1	20	M1
Molybdenum	mg/L	ND	0.1	0.1	ND	ND	12	12	75-125		20	M1
Potassium	mg/L	35400 ug/L	1	1	36.1	37.0	69	157	75-125	2	20	M1
Selenium	mg/L	3.2J ug/L	0.1	0.1	0.022	0.021	18	18	75-125	2	20	
Sodium	mg/L	14300 ug/L	1	1	14.7	15.3	36	101	75-125	4	20	M1
Thallium	mg/L	4.7 ug/L	0.1	0.1	0.10	0.11	100	101	75-125	1	20	

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

QUALITY CONTROL DATA

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

QC Batch: 990133
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

METHOD BLANK: 5088973 Matrix: Water
Associated Lab Samples: 92842470001, 92842470002, 92842470003, 92842470004, 92842470005, 92842470006, 92842470007, 92842470008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	02/13/26 00:19	

LABORATORY CONTROL SAMPLE: 5088974

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0021	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088975 5088976

Parameter	Units	92842894001 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	0.0017	0.0020	83	100	80-120	19	20	

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

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

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: 92842470

[1]	GEOSYNTEC
[2]	DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

ANALYTE QUALIFIERS

J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hammond Pooled Upgradient
Pace Project No.: 92842470

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842470001	**HAM-HGWA-1**	3015	2689890	EPA 6020B	2689890
92842470002	**HAM-HGWA-2**	3015	2689890	EPA 6020B	2689890
92842470003	**HAM-HGWA-3**	3015	2689890	EPA 6020B	2689890
92842470004	**HAM-HGWA-43D**	3015	2689890	EPA 6020B	2689890
92842470005	**HAM-HGWA-44D**	3015	2689890	EPA 6020B	2689890
92842470006	**HAM-UGRD-FD-01**	3015	2689890	EPA 6020B	2689890
92842470007	**HAM-UGRD-EB-01**	3015	2689890	EPA 6020B	2689890
92842470008	**HAM-UGRD-FB-01**	3015	2689890	EPA 6020B	2689890
92842470001	**HAM-HGWA-1**	SM 2320B-2021	989993		
92842470002	**HAM-HGWA-2**	SM 2320B-2021	989993		
92842470003	**HAM-HGWA-3**	SM 2320B-2021	989993		
92842470004	**HAM-HGWA-43D**	SM 2320B-2021	989993		
92842470005	**HAM-HGWA-44D**	SM 2320B-2021	989993		
92842470001	**HAM-HGWA-1**	SM 2540C-2020	989209		
92842470002	**HAM-HGWA-2**	SM 2540C-2020	989209		
92842470003	**HAM-HGWA-3**	SM 2540C-2020	989209		
92842470004	**HAM-HGWA-43D**	SM 2540C-2020	989209		
92842470005	**HAM-HGWA-44D**	SM 2540C-2020	989209		
92842470006	**HAM-UGRD-FD-01**	SM 2540C-2020	989209		
92842470007	**HAM-UGRD-EB-01**	SM 2540C-2020	989210		
92842470008	**HAM-UGRD-FB-01**	SM 2540C-2020	989210		
92842470001	**HAM-HGWA-1**	EPA 300.0 Rev 2.1 1993	989031		
92842470002	**HAM-HGWA-2**	EPA 300.0 Rev 2.1 1993	989031		
92842470003	**HAM-HGWA-3**	EPA 300.0 Rev 2.1 1993	989031		
92842470004	**HAM-HGWA-43D**	EPA 300.0 Rev 2.1 1993	989031		
92842470005	**HAM-HGWA-44D**	EPA 300.0 Rev 2.1 1993	989031		
92842470006	**HAM-UGRD-FD-01**	EPA 300.0 Rev 2.1 1993	989031		
92842470007	**HAM-UGRD-EB-01**	EPA 300.0 Rev 2.1 1993	989031		
92842470008	**HAM-UGRD-FB-01**	EPA 300.0 Rev 2.1 1993	989031		
92842470001	**HAM-HGWA-1**	EPA 3005A	989215	EPA 6020B	991148
92842470002	**HAM-HGWA-2**	EPA 3005A	989215	EPA 6020B	991148
92842470003	**HAM-HGWA-3**	EPA 3005A	989215	EPA 6020B	991148
92842470004	**HAM-HGWA-43D**	EPA 3005A	989215	EPA 6020B	991148
92842470005	**HAM-HGWA-44D**	EPA 3005A	989215	EPA 6020B	991148
92842470006	**HAM-UGRD-FD-01**	EPA 3005A	989215	EPA 6020B	991148
92842470007	**HAM-UGRD-EB-01**	EPA 3005A	989215	EPA 6020B	991148
92842470008	**HAM-UGRD-FB-01**	EPA 3005A	989215	EPA 6020B	991148
92842470001	**HAM-HGWA-1**	EPA 7470A	990133	EPA 7470A	990521
92842470002	**HAM-HGWA-2**	EPA 7470A	990133	EPA 7470A	990521
92842470003	**HAM-HGWA-3**	EPA 7470A	990133	EPA 7470A	990521
92842470004	**HAM-HGWA-43D**	EPA 7470A	990133	EPA 7470A	990521
92842470005	**HAM-HGWA-44D**	EPA 7470A	990133	EPA 7470A	990521
92842470006	**HAM-UGRD-FD-01**	EPA 7470A	990133	EPA 7470A	990521
92842470007	**HAM-UGRD-EB-01**	EPA 7470A	990133	EPA 7470A	990521
92842470008	**HAM-UGRD-FB-01**	EPA 7470A	990133	EPA 7470A	990521

REPORT OF LABORATORY ANALYSIS

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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: G A Power

Project #: **WO# : 92842470**

92842470

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: 2/4/26 CAL

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: 2.4 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): 2.4

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	

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#: 92842470

PM: BV Due Date: 02/19/26

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)	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		2	1				2																							
2		2	1				2																							
3		2	1				2																							
4		2	1				2																							
5		2	1				2																							
6		1	1				2																							
7		1	1				2																							
8		1	1				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.

*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)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																														
1					2																									
2					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	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-AP-1/2/3 -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:

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

Acct.Num / Client ID:

Table #:

Profile / Template: 16483

Prelog / Bottle Ord. ID: EZ 3283380

* 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)

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	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample
HAM-HGWA-1	WG	Grab			2/3/2026	1118	5			X	X	X	X		Temp = 16 deg C	
HAM-HGWA-2	WG	Grab			2/3/2026	1356	5			X	X	X	X		Temp = 18 deg C	
HAM-HGWA-3	WG	Grab			2/3/2026	1558	5			X	X	X	X		Temp = 18 deg C	
HAM-HGWA-43D	WG	Grab			2/3/2026	1027	5			X	X	X	X		Temp = 15 deg C	
HAM-HGWA-44D	WG	Grab			2/3/2026	1440	5			X	X	X	X		Temp = 17 deg C	
HAM-UGRD-FD-01	WG	Grab			2/3/2026	0000	4			X	X	X			Temp = 17 deg C	
HAM-UGRD-EB-01	WQ	Grab	2W 2/3/2026		2/3/2026	1705	4			X	X	X			Temp = 17 deg C	
HAM-UGRD-FB-01	WQ	Grab			2/3/2026	1700	4			X	X	X			Temp = 17 deg C	
HAM-HGWA-1	WG	Grab			2/3/2026	1118	2							X	Temp = 16 deg C	
HAM-HGWA-2	WG	Grab			2/3/2026	1356	2	ZW 2/3/2026						X	Temp = 18 deg C	

Additional Instructions from Pace®:
Last Sample

Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

Collected By: (Printed Name) Zain Webb, Sam Weatherly

Signature: Zain Webb, SWeatherly

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:
[illegible] / TRC SYNTEC	2/4/2026 1301	Ryan Williams / Pace	2/4/2026 1301	
Ryan Williams / Pace	2/4/2026 1715	[illegible]	2/4/26 1715	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/

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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-AP-1/2/3 -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

Date Results Requested:

PW 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)

**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

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283380

Preservation non-conformance identified for sample

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	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-HGWA-3	WG	Grab			2/3/2026	1558	2							X	Temp = 18 deg C
HAM-HGWA-43D	WG	Grab			2/3/2026	1027	2							X	Temp = 15 deg C
HAM-HGWA-44D	WG	Grab			2/3/2026	1440	2							X	Temp = 17 deg C
HAM-UGRD-FD-01	WG	Grab			2/3/2026	0000	2							X	Temp = 17 deg C
HAM-UGRD-EB-01	WQ	Grab	ZW 2/3/2026		2/3/2026	1705	2							X	Temp = 17 deg C
HAM-UGRD-FB-01	WQ	Grab			2/3/2026	1700	2	ZW 2/3/2026						X	Temp = 17 deg C
		AT 2/9/26													
					ZW 2/3/2026										

Additional Instructions from Pace®:
Last Sample
Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

Collected By:
(Printed Name): Zain Webb, Alex Church, Sam Weatherly
Signature: Zain Webb, Sam Weatherly

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:
[illegible]	2/4/2026 13:01	Ryan Williams / Pace	2/4/2026 1301	
Relinquished by/Company: (Signature) Ryan Williams / Pace	Date/Time: 2/4/2026 1715	Received by/Company: (Signature)	Date/Time: 2/4/26 1715	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

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Huntersville, NC 28078
(704)875-9092

February 26, 2026

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

RE: Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on February 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 - Greensburg

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

Sincerely,

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

Enclosures

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

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CERTIFICATIONS

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

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: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92842485001	**HAM-HGWA-1**	Water	02/03/26 11:18	02/04/26 17:15
92842485002	**HAM-HGWA-2**	Water	02/03/26 13:56	02/04/26 17:15
92842485003	**HAM-HGWA-3**	Water	02/03/26 15:58	02/04/26 17:15
92842485004	**HAM-HGWA-43D**	Water	02/03/26 10:27	02/04/26 17:15
92842485005	**HAM-HGWA-44D**	Water	02/03/26 14:40	02/04/26 17:15
92842485006	**HAM-UGRD-FD-01**	Water	02/03/26 00:00	02/04/26 17:15
92842485007	**HAM-UGRD-EB-01**	Water	02/03/26 17:05	02/04/26 17:15
92842485008	**HAM-UGRD-FB-01**	Water	02/03/26 17:00	02/04/26 17:15

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SAMPLE ANALYTE COUNT

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92842485001	**HAM-HGWA-1**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842485002	**HAM-HGWA-2**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842485003	**HAM-HGWA-3**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842485004	**HAM-HGWA-43D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842485005	**HAM-HGWA-44D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842485006	**HAM-UGRD-FD-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842485007	**HAM-UGRD-EB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842485008	**HAM-UGRD-FB-01**	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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SUMMARY OF DETECTION

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842485001	**HAM-HGWA-1**					
EPA 9315	Radium-226	-0.00390U ± 0.160 (0.418) C:85% T:NA	pCi/L		02/23/26 08:14	
EPA 9320	Radium-228	1.02 ± 0.494 (0.844) C:76% T:84%	pCi/L		02/18/26 14:20	
Total Radium Calculation	Total Radium	1.02U ± 0.654 (1.26)	pCi/L		02/23/26 15:26	
92842485002	**HAM-HGWA-2**					
EPA 9315	Radium-226	0.129U ± 0.168 (0.361) C:82% T:NA	pCi/L		02/23/26 08:14	
EPA 9320	Radium-228	0.550U ± 0.482 (0.975) C:72% T:82%	pCi/L		02/18/26 14:20	
Total Radium Calculation	Total Radium	0.679U ± 0.650 (1.34)	pCi/L		02/23/26 15:26	
92842485003	**HAM-HGWA-3**					
EPA 9315	Radium-226	0.0174U ± 0.118 (0.309) C:85% T:NA	pCi/L		02/23/26 08:14	
EPA 9320	Radium-228	0.871U ± 0.528 (0.972) C:59% T:84%	pCi/L		02/18/26 14:19	
Total Radium Calculation	Total Radium	0.888U ± 0.646 (1.28)	pCi/L		02/23/26 15:26	
92842485004	**HAM-HGWA-43D**					
EPA 9315	Radium-226	0.269U ± 0.189 (0.330) C:86% T:NA	pCi/L		02/23/26 08:14	
EPA 9320	Radium-228	0.866U ± 0.568 (1.08) C:61% T:83%	pCi/L		02/18/26 14:19	
Total Radium Calculation	Total Radium	1.14U ± 0.757 (1.41)	pCi/L		02/23/26 15:26	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842485005	**HAM-HGWA-44D**					
EPA 9315	Radium-226	0.0369U ± 0.137 (0.336) C:87% T:NA	pCi/L		02/23/26 08:14	
EPA 9320	Radium-228	0.878U ± 0.495 (0.900) C:65% T:90%	pCi/L		02/18/26 14:19	
Total Radium Calculation	Total Radium	0.915U ± 0.632 (1.24)	pCi/L		02/23/26 15:26	
92842485006	**HAM-UGRD-FD-01**					
EPA 9315	Radium-226	0.0203U ± 0.163 (0.417) C:75% T:NA	pCi/L		02/23/26 08:15	
EPA 9320	Radium-228	0.821U ± 0.500 (0.930) C:63% T:91%	pCi/L		02/18/26 14:19	
Total Radium Calculation	Total Radium	0.841U ± 0.663 (1.35)	pCi/L		02/23/26 15:26	
92842485007	**HAM-UGRD-EB-01**					
EPA 9315	Radium-226	-0.193U ± 0.142 (0.488) C:70% T:NA	pCi/L		02/23/26 08:15	
EPA 9320	Radium-228	0.405U ± 0.378 (0.768) C:68% T:92%	pCi/L		02/18/26 14:19	
Total Radium Calculation	Total Radium	0.405U ± 0.520 (1.26)	pCi/L		02/23/26 15:26	
92842485008	**HAM-UGRD-FB-01**					
EPA 9315	Radium-226	0.0528U ± 0.179 (0.433) C:84% T:NA	pCi/L		02/23/26 08:15	
EPA 9320	Radium-228	1.03 ± 0.567 (1.02) C:65% T:82%	pCi/L		02/18/26 14:17	
Total Radium Calculation	Total Radium	1.08U ± 0.746 (1.45)	pCi/L		02/23/26 15:26	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-HGWA-1 **Lab ID: 92842485001** Collected: 02/03/26 11:18 Received: 02/04/26 17:15 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	**-0.00390U ± 0.160 (0.418) C:85% T:NA**	pCi/L	02/23/26 08:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.02 ± 0.494 (0.844) C:76% T:84%**	pCi/L	02/18/26 14:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.02U ± 0.654 (1.26)**	pCi/L	02/23/26 15:26	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-HGWA-2 **Lab ID: 92842485002** Collected: 02/03/26 13:56 Received: 02/04/26 17:15 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	**0.129U ± 0.168 (0.361) C:82% T:NA**	pCi/L	02/23/26 08:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.550U ± 0.482 (0.975) C:72% T:82%**	pCi/L	02/18/26 14:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.679U ± 0.650 (1.34)**	pCi/L	02/23/26 15:26	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-HGWA-3 **Lab ID: 92842485003** Collected: 02/03/26 15:58 Received: 02/04/26 17:15 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	**0.0174U ± 0.118 (0.309) C:85% T:NA**	pCi/L	02/23/26 08:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.871U ± 0.528 (0.972) C:59% T:84%**	pCi/L	02/18/26 14:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.888U ± 0.646 (1.28)**	pCi/L	02/23/26 15:26	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-HGWA-43D **Lab ID: 92842485004** Collected: 02/03/26 10:27 Received: 02/04/26 17:15 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	**0.269U ± 0.189 (0.330) C:86% T:NA**	pCi/L	02/23/26 08:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.866U ± 0.568 (1.08) C:61% T:83%**	pCi/L	02/18/26 14:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.14U ± 0.757 (1.41)**	pCi/L	02/23/26 15:26	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-HGWA-44D **Lab ID: 92842485005** Collected: 02/03/26 14:40 Received: 02/04/26 17:15 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	**0.0369U ± 0.137 (0.336) C:87% T:NA**	pCi/L	02/23/26 08:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.878U ± 0.495 (0.900) C:65% T:90%**	pCi/L	02/18/26 14:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.915U ± 0.632 (1.24)**	pCi/L	02/23/26 15:26	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-UGRD-FD-01 **Lab ID: 92842485006** Collected: 02/03/26 00:00 Received: 02/04/26 17:15 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	**0.0203U ± 0.163 (0.417) C:75% T:NA**	pCi/L	02/23/26 08:15	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.821U ± 0.500 (0.930) C:63% T:91%**	pCi/L	02/18/26 14:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.841U ± 0.663 (1.35)**	pCi/L	02/23/26 15:26	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-UGRD-EB-01 **Lab ID: 92842485007** Collected: 02/03/26 17:05 Received: 02/04/26 17:15 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	**-0.193U ± 0.142 (0.488) C:70% T:NA**	pCi/L	02/23/26 08:15	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.405U ± 0.378 (0.768) C:68% T:92%**	pCi/L	02/18/26 14:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.405U ± 0.520 (1.26)**	pCi/L	02/23/26 15:26	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Sample: HAM-UGRD-FB-01 **Lab ID: 92842485008** Collected: 02/03/26 17:00 Received: 02/04/26 17:15 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	**0.0528U ± 0.179 (0.433) C:84% T:NA**	pCi/L	02/23/26 08:15	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.03 ± 0.567 (1.02) C:65% T:82%**	pCi/L	02/18/26 14:17	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.08U ± 0.746 (1.45)**	pCi/L	02/23/26 15:26	7440-14-4	

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Huntersville, NC 28078
(704)875-9092

QUALITY CONTROL - RADIOCHEMISTRY

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

QC Batch: 799528 Analysis Method: EPA 9320
QC Batch Method: EPA 9320 Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842485001, 92842485002, 92842485003, 92842485004, 92842485005, 92842485006, 92842485007, 92842485008

METHOD BLANK: 3901250 Matrix: Water
Associated Lab Samples: 92842485001, 92842485002, 92842485003, 92842485004, 92842485005, 92842485006, 92842485007, 92842485008

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.934 ± 0.440 (0.724) C:78% T:81%	pCi/L	02/18/26 14:19	

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: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

QC Batch: 799464
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842485001, 92842485002, 92842485003, 92842485004, 92842485005, 92842485006, 92842485007, 92842485008

METHOD BLANK: 3901104 Matrix: Water
Associated Lab Samples: 92842485001, 92842485002, 92842485003, 92842485004, 92842485005, 92842485006, 92842485007, 92842485008

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.0208 ± 0.149 (0.400) C:90% T:NA	pCi/L	02/23/26 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.

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

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: 92842485

[1] GEOSYNTEC

[2] DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Hammond Pooled Upgradient-RADs
Pace Project No.: 92842485

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842485001	**HAM-HGWA-1**	EPA 9315	799464		
92842485002	**HAM-HGWA-2**	EPA 9315	799464		
92842485003	**HAM-HGWA-3**	EPA 9315	799464		
92842485004	**HAM-HGWA-43D**	EPA 9315	799464		
92842485005	**HAM-HGWA-44D**	EPA 9315	799464		
92842485006	**HAM-UGRD-FD-01**	EPA 9315	799464		
92842485007	**HAM-UGRD-EB-01**	EPA 9315	799464		
92842485008	**HAM-UGRD-FB-01**	EPA 9315	799464		
92842485001	**HAM-HGWA-1**	EPA 9320	799528		
92842485002	**HAM-HGWA-2**	EPA 9320	799528		
92842485003	**HAM-HGWA-3**	EPA 9320	799528		
92842485004	**HAM-HGWA-43D**	EPA 9320	799528		
92842485005	**HAM-HGWA-44D**	EPA 9320	799528		
92842485006	**HAM-UGRD-FD-01**	EPA 9320	799528		
92842485007	**HAM-UGRD-EB-01**	EPA 9320	799528		
92842485008	**HAM-UGRD-FB-01**	EPA 9320	799528		
92842485001	**HAM-HGWA-1**	Total Radium Calculation	801472		
92842485002	**HAM-HGWA-2**	Total Radium Calculation	801472		
92842485003	**HAM-HGWA-3**	Total Radium Calculation	801472		
92842485004	**HAM-HGWA-43D**	Total Radium Calculation	801472		
92842485005	**HAM-HGWA-44D**	Total Radium Calculation	801472		
92842485006	**HAM-UGRD-FD-01**	Total Radium Calculation	801472		
92842485007	**HAM-UGRD-EB-01**	Total Radium Calculation	801472		
92842485008	**HAM-UGRD-FB-01**	Total Radium Calculation	801472		

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: C A Power

Project #:

WO# : 92842485

92842485

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: 2/4/26 CAL

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: 2.4 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): 2.4

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	

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

WO# : 92842485

PM: BV Due Date: 02/26/26

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)	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					OPIN																									
1		2	1				2																							
2		2	1				2																							
3		2	1				2																							
4		2	1				2																							
5		2	1				2																							
6		1	1				2																							
7		1	1				2																							
8		1	1				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.

*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)	DG9U-40 mL Amber Unpreserved vials (N/A)
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pH Adjustment Log for Preserved Samples

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

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

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-AP-1/2/3 -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

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	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-HGWA-3	WG	Grab			2/3/2026	1558	2							X	Temp = 18 deg C
HAM-HGWA-43D	WG	Grab			2/3/2026	1027	2							X	Temp = 15 deg C
HAM-HGWA-44D	WG	Grab			2/3/2026	1440	2							X	Temp = 17 deg C
HAM-UGRD-FD-01	WG	Grab			2/3/2026	0000	2							X	Temp = 17 deg C
HAM-UGRD-EB-01	WQ	Grab	7W 2/3/2026		2/3/2026	1705	2							X	Temp = 17 deg C
HAM-UGRD-FB-01	WQ	Grab			2/3/2026	1700	2	ZW 2/3/2026						X	Temp = 17 deg C
	AT 2/9/26														
					ZW 2/3/2026										

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283380

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) Na2SO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Additional Instructions from Pace®:
Last Sample

Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

Collected By:
(Printed Name): Zain Webb, Alex Deutsch, Sam Weatherly
Signature:

Customer Remarks / Special Conditions / Possible Hazards:

# Coolers:	Thermometer ID:	Correction Factor (°C):	Obs. Temp. (°C)	Corrected Temp. (°C)	Circle:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Geaswitz	2/4/2026 13:01	Ryan Williams / Pace	2/4/2026 1301	
Ryan Williams / Pace	2/4/2026 1715		2/4/26 1715	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-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	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-AP-1/2/3 -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), Biossay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

**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	Specify Container Size **	Identify Container Preservative Type***	2540C Total Dissolved Solids	300.0-Cl, SO4, F	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment	Preservation non-conformance identified for sample
HAM-HGWA-1	WG	Grab			2/3/2026	1118	5					X	X	X	X		Temp = 16 deg C	
HAM-HGWA-2	WG	Grab			2/3/2026	1356	5					X	X	X	X		Temp = 18 deg C	
HAM-HGWA-3	WG	Grab			2/3/2026	1558	5					X	X	X	X		Temp = 18 deg C	
HAM-HGWA-43D	WG	Grab			2/3/2026	1027	5					X	X	X	X		Temp = 15 deg C	
HAM-HGWA-44D	WG	Grab			2/3/2026	1440	5					X	X	X	X		Temp = 17 deg C	
HAM-UGRD-FD-01	WG	Grab			2/3/2026	0000	4					X	X	X			Temp = 17 deg C	
HAM-UGRD-EB-01	WQ	Grab	ZW 2/3/2026		2/3/2026	1705	4					X	X	X			Temp = 17 deg C	
HAM-UGRD-FB-01	WQ	Grab			2/3/2026	1700	4					X	X	X			Temp = 17 deg C	
HAM-HGWA-1	WG	Grab			2/3/2026	1118	2									X	Temp = 16 deg C	
HAM-HGWA-2	WG	Grab			2/3/2026	1356	2	ZW 2/3/2026								X	Temp = 18 deg C	

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3283380

Additional Instructions from Pace®:
Least Sample

Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

Collected By: (Printed Name) Zain Webb, Sam Weatherly, Alex Overton
Signature: Zain Webb, SWeatherly

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:
[illegible]	2/4/2026 1301	Ryan Williams / Pace	2/4/2026 1301	
Ryan Williams / Pace	2/4/2026 1715	[illegible]	2/4/26 1715	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©

Quality Control Sample Performance Assessment

Pace Analytical™ www.pacelabs.com

Test:	Ra-228
Analyst:	VAL
Date:	2/13/2026
Worklist:	89382
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3901250
MB concentration:	0.934
M/B 2 Sigma CSU:	0.440
MB MDC:	0.724
MB Numerical Performance Indicator:	4.16
MB Status vs Numerical Indicator:	Fail*
MB Status vs. MDC:	See Comment*

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89382	LCSD89382
Count Date:	2/18/2026	2/18/2026
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	29.709	29.709
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.822	0.818
Target Conc. (pCi/L, g, F):	3.613	3.631
Uncertainty (Calculated):	0.177	0.178
Result (pCi/L, g, F):	2.415	2.215
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.745	0.708
Numerical Performance Indicator:	-3.06	-3.80
Percent Recovery:	66.85%	61.01%
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.:	LCS89382	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD89382	
Sample Result (pCi/L, g, F):	2.415	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.745	
Sample Duplicate Result (pCi/L, g, F):	2.215	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.708	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	0.382	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	9.14%	
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 2/19/26
W 02 19 26

Quality Control Sample Performance Assessment

Pace Analytical™ www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	2/19/2026
Worklist:	89365
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3901104
MB concentration:	-0.021
M/B 2 Sigma CSU:	0.149
MB MDC:	0.400
MB Numerical Performance Indicator:	-0.27
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89365	LCSD89365
Count Date:	2/23/2026	2/23/2026
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	0.505
Target Conc. (pCi/L, g, F):	4.999	4.950
Uncertainty (Calculated):	0.235	0.233
Result (pCi/L, g, F):	5.057	5.350
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.983	0.991
Numerical Performance Indicator:	0.11	0.77
Percent Recovery:	101.16%	108.09%
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.:	LCS89365	92842485006
Duplicate Sample I.D.	LCSD89365	92842485006DUP
Sample Result (pCi/L, g, F):	5.057	0.020
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.983	0.163
Sample Duplicate Result (pCi/L, g, F):	5.350	0.260
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.991	0.195
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	-0.412	-1.843
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	6.62%	170.99%
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 2/23/26

CT 2-23-26

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

March 10, 2026

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

RE: Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 06, 2026 and February 09, 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@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

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

CERTIFICATIONS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92842919001	**HAM-HGWC-7**	Water	02/05/26 14:47	02/06/26 17:20
92842919002	**HAM-HGWC-8**	Water	02/05/26 16:19	02/06/26 17:20
92842919003	**HAM-HGWC-10**	Water	02/05/26 16:33	02/06/26 17:20
92842919004	**HAM-HGWC-11**	Water	02/05/26 12:40	02/06/26 17:20
92842919005	**HAM-HGWC-12**	Water	02/05/26 14:17	02/06/26 17:20
92842919006	**HAM-HGWC-13**	Water	02/05/26 10:14	02/06/26 17:20
92842919007	**HAM-MW-24D**	Water	02/04/26 15:55	02/06/26 17:20
92842919008	**HAM-AP1-FD-01**	Water	02/05/26 00:00	02/06/26 17:20
92842919009	**HAM-AP1-EB-01**	Water	02/05/26 18:00	02/06/26 17:20
92842919010	**HAM-AP1-FB-01**	Water	02/04/26 17:55	02/06/26 17:20
92842919011	**HAM-MW-19**	Water	02/04/26 17:47	02/06/26 17:20
92842919012	**HAM-HGWC-9**	Water	02/06/26 11:17	02/09/26 17:05
92842919013	**HAM-MW-20**	Water	02/06/26 12:57	02/09/26 17:05
92842919014	**HAM-MW-27D**	Water	02/06/26 11:45	02/09/26 17:05

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92842919001	**HAM-HGWC-7**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919002	**HAM-HGWC-8**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919003	**HAM-HGWC-10**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919004	**HAM-HGWC-11**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919005	**HAM-HGWC-12**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919006	**HAM-HGWC-13**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	ACE	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919007	**HAM-MW-24D**	EPA 6020B	TMT	1	PAN

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919008	**HAM-AP1-FD-01**	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	13	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919009	**HAM-AP1-EB-01**	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	13	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919010	**HAM-AP1-FB-01**	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	13	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919011	**HAM-MW-19**	EPA 6020B	TMT	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	LNV	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919012	**HAM-HGWC-9**	EPA 6020B	JPD	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	NSS	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842919013	**HAM-MW-20**	EPA 6020B	JPD	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	NSS	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	PASI-WC

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92842919014	**HAM-MW-27D**	EPA 7470A	DH	1	PASI-WC
		EPA 6020B	JPD	1	PAN
		SM 2320B-2021	MDW	3	PASI-A
		SM 2540C-2020	NSS	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	16	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: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842919001	**HAM-HGWC-7**					
EPA 6020B	Lithium	0.00210	mg/L	0.00200	02/12/26 13:55	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	201	mg/L	5.0	02/14/26 16:50	
SM 2320B-2021	Alkalinity, Total as CaCO3	201	mg/L	5.0	02/14/26 16:50	
SM 2540C-2020	Total Dissolved Solids	379	mg/L	25.0	02/11/26 12:53	
EPA 300.0 Rev 2.1 1993	Chloride	26.3	mg/L	1.0	02/10/26 10:52	
EPA 300.0 Rev 2.1 1993	Fluoride	0.11	mg/L	0.10	02/10/26 10:52	
EPA 300.0 Rev 2.1 1993	Sulfate	90.5	mg/L	1.0	02/10/26 10:52	
EPA 6020B	Barium	0.086	mg/L	0.0050	02/23/26 18:48	
EPA 6020B	Boron	0.69	mg/L	0.20	02/23/26 18:57	
EPA 6020B	Calcium	105	mg/L	2.0	02/23/26 18:57	
EPA 6020B	Chromium	0.00025J	mg/L	0.0050	02/23/26 18:48	
EPA 6020B	Cobalt	0.0018J	mg/L	0.0050	02/23/26 18:48	
EPA 6020B	Magnesium	11.7	mg/L	0.050	02/23/26 18:48	
EPA 6020B	Molybdenum	0.017	mg/L	0.010	02/23/26 18:48	
EPA 6020B	Potassium	1.5	mg/L	0.40	02/23/26 18:48	
EPA 6020B	Sodium	12.2	mg/L	0.40	02/23/26 18:48	
92842919002	**HAM-HGWC-8**					
EPA 6020B	Lithium	0.000661J	mg/L	0.00200	02/12/26 14:50	J
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	106	mg/L	5.0	02/14/26 16:58	
SM 2320B-2021	Alkalinity, Total as CaCO3	106	mg/L	5.0	02/14/26 16:58	
SM 2540C-2020	Total Dissolved Solids	357	mg/L	25.0	02/11/26 12:53	
EPA 300.0 Rev 2.1 1993	Chloride	24.0	mg/L	1.0	02/10/26 11:06	
EPA 300.0 Rev 2.1 1993	Fluoride	0.39	mg/L	0.10	02/10/26 11:06	
EPA 300.0 Rev 2.1 1993	Sulfate	103	mg/L	3.0	02/10/26 17:58	
EPA 6020B	Barium	0.046	mg/L	0.0050	02/23/26 19:52	
EPA 6020B	Boron	1.4	mg/L	0.40	02/23/26 19:06	
EPA 6020B	Calcium	88.9	mg/L	4.0	02/23/26 19:06	
EPA 6020B	Cobalt	0.0013J	mg/L	0.0050	02/23/26 19:52	
EPA 6020B	Magnesium	12.7	mg/L	0.050	02/23/26 19:52	
EPA 6020B	Molybdenum	0.21	mg/L	0.010	02/23/26 19:52	
EPA 6020B	Potassium	6.3	mg/L	0.40	02/23/26 19:52	
EPA 6020B	Sodium	9.2	mg/L	0.40	02/23/26 19:52	
92842919003	**HAM-HGWC-10**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	230	mg/L	5.0	02/18/26 02:12	
SM 2320B-2021	Alkalinity, Total as CaCO3	230	mg/L	5.0	02/18/26 02:12	
SM 2540C-2020	Total Dissolved Solids	384	mg/L	25.0	02/11/26 12:53	
EPA 300.0 Rev 2.1 1993	Chloride	4.8	mg/L	1.0	02/10/26 11:20	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/10/26 11:20	
EPA 300.0 Rev 2.1 1993	Sulfate	96.7	mg/L	1.0	02/10/26 11:20	
EPA 6020B	Arsenic	0.00044J	mg/L	0.0020	02/23/26 20:02	
EPA 6020B	Barium	0.075	mg/L	0.0050	02/23/26 20:02	
EPA 6020B	Boron	0.27	mg/L	0.040	02/23/26 20:02	
EPA 6020B	Calcium	122	mg/L	2.0	02/23/26 20:11	
EPA 6020B	Magnesium	8.8	mg/L	0.050	02/23/26 20:02	
EPA 6020B	Potassium	6.0	mg/L	0.40	02/23/26 20:02	
EPA 6020B	Sodium	6.0	mg/L	0.40	02/23/26 20:02	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842919004	**HAM-HGWC-11**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	95.8	mg/L	5.0	02/14/26 17:24	
SM 2320B-2021	Alkalinity, Total as CaCO3	95.8	mg/L	5.0	02/14/26 17:24	
SM 2540C-2020	Total Dissolved Solids	291	mg/L	25.0	02/11/26 12:53	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	02/10/26 11:34	
EPA 300.0 Rev 2.1 1993	Fluoride	0.22	mg/L	0.10	02/10/26 11:34	
EPA 300.0 Rev 2.1 1993	Sulfate	103	mg/L	2.0	02/10/26 18:13	
EPA 6020B	Arsenic	0.00057J	mg/L	0.0020	02/23/26 20:20	
EPA 6020B	Barium	0.024	mg/L	0.0050	02/23/26 20:20	
EPA 6020B	Boron	0.33	mg/L	0.20	02/24/26 11:51	
EPA 6020B	Calcium	76.5	mg/L	4.0	02/23/26 20:29	
EPA 6020B	Chromium	0.00031J	mg/L	0.0050	02/23/26 20:20	
EPA 6020B	Cobalt	0.00032J	mg/L	0.0050	02/23/26 20:20	
EPA 6020B	Magnesium	8.9	mg/L	0.050	02/23/26 20:20	
EPA 6020B	Molybdenum	0.013	mg/L	0.010	02/23/26 20:20	
EPA 6020B	Potassium	2.8	mg/L	0.40	02/23/26 20:20	
EPA 6020B	Selenium	0.012	mg/L	0.0050	02/23/26 20:20	
EPA 6020B	Sodium	3.7	mg/L	0.40	02/23/26 20:20	
92842919005	**HAM-HGWC-12**					
EPA 6020B	Lithium	0.0103	mg/L	0.00200	02/12/26 15:00	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	230	mg/L	5.0	02/14/26 17:32	
SM 2320B-2021	Alkalinity, Total as CaCO3	230	mg/L	5.0	02/14/26 17:32	
SM 2540C-2020	Total Dissolved Solids	527	mg/L	25.0	02/11/26 12:53	
EPA 300.0 Rev 2.1 1993	Chloride	15.8	mg/L	1.0	02/10/26 11:48	
EPA 300.0 Rev 2.1 1993	Fluoride	0.22	mg/L	0.10	02/10/26 11:48	
EPA 300.0 Rev 2.1 1993	Sulfate	157	mg/L	4.0	02/10/26 18:27	
EPA 6020B	Arsenic	0.0028	mg/L	0.0020	02/23/26 20:39	
EPA 6020B	Barium	0.059	mg/L	0.0050	02/23/26 20:39	
EPA 6020B	Boron	1.2	mg/L	0.40	02/23/26 20:48	
EPA 6020B	Calcium	148	mg/L	4.0	02/23/26 20:48	
EPA 6020B	Cobalt	0.0013J	mg/L	0.0050	02/23/26 20:39	
EPA 6020B	Magnesium	14.1	mg/L	0.050	02/23/26 20:39	
EPA 6020B	Molybdenum	0.042	mg/L	0.010	02/23/26 20:39	
EPA 6020B	Potassium	6.7	mg/L	0.40	02/23/26 20:39	
EPA 6020B	Sodium	7.4	mg/L	0.40	02/23/26 20:39	
92842919006	**HAM-HGWC-13**					
EPA 6020B	Lithium	0.0454	mg/L	0.00200	02/12/26 15:04	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	196	mg/L	5.0	02/14/26 17:40	
SM 2320B-2021	Alkalinity, Total as CaCO3	196	mg/L	5.0	02/14/26 17:40	
SM 2540C-2020	Total Dissolved Solids	519	mg/L	25.0	02/11/26 12:53	
EPA 300.0 Rev 2.1 1993	Chloride	15.2	mg/L	1.0	02/10/26 12:01	
EPA 300.0 Rev 2.1 1993	Fluoride	0.39	mg/L	0.10	02/10/26 12:01	
EPA 300.0 Rev 2.1 1993	Sulfate	152	mg/L	4.0	02/10/26 18:41	
EPA 6020B	Arsenic	0.49	mg/L	0.040	02/23/26 21:06	
EPA 6020B	Barium	0.052	mg/L	0.0050	02/23/26 20:57	
EPA 6020B	Boron	0.70	mg/L	0.20	02/24/26 12:00	
EPA 6020B	Calcium	125	mg/L	8.0	02/23/26 21:06	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842919006	**HAM-HGWC-13**					
EPA 6020B	Cobalt	0.012	mg/L	0.0050	02/23/26 20:57	
EPA 6020B	Magnesium	15.0	mg/L	0.050	02/23/26 20:57	
EPA 6020B	Molybdenum	0.011	mg/L	0.010	02/23/26 20:57	
EPA 6020B	Potassium	5.7	mg/L	0.40	02/23/26 20:57	
EPA 6020B	Sodium	13.3	mg/L	0.40	02/23/26 20:57	
EPA 6020B	Thallium	0.00021J	mg/L	0.00050	02/23/26 20:57	
92842919007	**HAM-MW-24D**					
EPA 6020B	Lithium	0.00275	mg/L	0.00200	02/12/26 15:07	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	103	mg/L	5.0	02/14/26 12:55	
SM 2320B-2021	Alkalinity, Total as CaCO3	103	mg/L	5.0	02/14/26 12:55	
SM 2540C-2020	Total Dissolved Solids	400	mg/L	25.0	02/10/26 15:56	
EPA 300.0 Rev 2.1 1993	Chloride	27.3	mg/L	1.0	02/10/26 12:15	
EPA 300.0 Rev 2.1 1993	Fluoride	0.12	mg/L	0.10	02/10/26 12:15	
EPA 300.0 Rev 2.1 1993	Sulfate	112	mg/L	3.0	02/10/26 19:43	
EPA 6020B	Arsenic	0.00046J	mg/L	0.0020	02/23/26 21:43	
EPA 6020B	Barium	0.043	mg/L	0.0050	02/23/26 21:43	
EPA 6020B	Boron	0.51	mg/L	0.20	02/23/26 21:16	
EPA 6020B	Calcium	87.0	mg/L	2.0	02/23/26 21:16	
EPA 6020B	Chromium	0.00031J	mg/L	0.0050	02/23/26 21:43	
EPA 6020B	Magnesium	9.8	mg/L	0.050	02/23/26 21:43	
EPA 6020B	Molybdenum	0.0064J	mg/L	0.010	02/23/26 21:43	
EPA 6020B	Potassium	1.3	mg/L	0.40	02/23/26 21:43	
EPA 6020B	Selenium	0.0015J	mg/L	0.0050	02/23/26 21:43	
EPA 6020B	Sodium	9.6	mg/L	0.40	02/23/26 21:43	
92842919008	**HAM-AP1-FD-01**					
EPA 6020B	Lithium	0.0472	mg/L	0.00200	02/12/26 15:24	
SM 2540C-2020	Total Dissolved Solids	503	mg/L	25.0	02/11/26 12:53	
EPA 300.0 Rev 2.1 1993	Chloride	15.2	mg/L	1.0	02/10/26 12:29	
EPA 300.0 Rev 2.1 1993	Fluoride	0.39	mg/L	0.10	02/10/26 12:29	
EPA 300.0 Rev 2.1 1993	Sulfate	152	mg/L	4.0	02/10/26 19:57	
EPA 6020B	Arsenic	0.51	mg/L	0.040	02/23/26 22:02	
EPA 6020B	Barium	0.053	mg/L	0.0050	02/23/26 21:53	
EPA 6020B	Boron	0.83	mg/L	0.20	02/24/26 12:09	
EPA 6020B	Calcium	127	mg/L	8.0	02/23/26 22:02	
EPA 6020B	Cobalt	0.012	mg/L	0.0050	02/23/26 21:53	
EPA 6020B	Molybdenum	0.011	mg/L	0.010	02/23/26 21:53	
EPA 6020B	Thallium	0.00022J	mg/L	0.00050	02/23/26 21:53	
92842919010	**HAM-AP1-FB-01**					
EPA 6020B	Chromium	0.00027J	mg/L	0.0050	02/23/26 22:20	
92842919011	**HAM-MW-19**					
EPA 6020B	Lithium	0.00791	mg/L	0.00200	02/12/26 15:33	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	132	mg/L	5.0	02/14/26 13:36	
SM 2320B-2021	Alkalinity, Total as CaCO3	132	mg/L	5.0	02/14/26 13:36	
SM 2540C-2020	Total Dissolved Solids	437	mg/L	25.0	02/10/26 15:57	
EPA 300.0 Rev 2.1 1993	Chloride	14.6	mg/L	1.0	02/10/26 14:49	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842919011	**HAM-MW-19**					
EPA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L	0.10	02/10/26 14:49	
EPA 300.0 Rev 2.1 1993	Sulfate	152	mg/L	4.0	02/10/26 20:11	
EPA 6020B	Barium	0.035	mg/L	0.0050	02/21/26 16:14	
EPA 6020B	Boron	0.51	mg/L	0.040	02/21/26 16:14	
EPA 6020B	Cadmium	0.00017J	mg/L	0.00050	02/21/26 16:14	
EPA 6020B	Calcium	108	mg/L	2.0	02/24/26 14:39	
EPA 6020B	Cobalt	0.024	mg/L	0.0050	02/21/26 16:14	
EPA 6020B	Magnesium	11.5	mg/L	0.050	02/21/26 16:14	
EPA 6020B	Molybdenum	0.020	mg/L	0.010	02/21/26 16:14	
EPA 6020B	Potassium	2.3	mg/L	0.40	02/24/26 14:36	
EPA 6020B	Selenium	0.0055	mg/L	0.0050	02/21/26 16:14	
EPA 6020B	Sodium	6.4	mg/L	0.40	02/21/26 16:14	
92842919012	**HAM-HGWC-9**					
EPA 6020B	Lithium	0.00296	mg/L	0.00200	02/18/26 15:51	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	175	mg/L	5.0	02/18/26 00:42	
SM 2320B-2021	Alkalinity, Total as CaCO3	175	mg/L	5.0	02/18/26 00:42	
SM 2540C-2020	Total Dissolved Solids	616	mg/L	50.0	02/12/26 04:59	
EPA 300.0 Rev 2.1 1993	Chloride	80.9	mg/L	1.0	02/11/26 15:32	M1
EPA 300.0 Rev 2.1 1993	Fluoride	0.098J	mg/L	0.10	02/11/26 15:32	
EPA 300.0 Rev 2.1 1993	Sulfate	177	mg/L	4.0	02/12/26 02:59	M1
EPA 6020B	Arsenic	0.00061J	mg/L	0.0020	02/25/26 14:00	
EPA 6020B	Barium	0.064	mg/L	0.0050	02/25/26 14:00	
EPA 6020B	Boron	2.1	mg/L	0.40	02/25/26 14:10	
EPA 6020B	Calcium	148	mg/L	4.0	02/25/26 14:10	
EPA 6020B	Chromium	0.00059J	mg/L	0.0050	02/25/26 14:00	
EPA 6020B	Cobalt	0.00069J	mg/L	0.0050	02/25/26 14:00	
EPA 6020B	Magnesium	17.4	mg/L	0.050	02/25/26 14:00	
EPA 6020B	Molybdenum	0.0095J	mg/L	0.010	02/25/26 14:00	
EPA 6020B	Potassium	2.7	mg/L	0.40	02/25/26 14:00	
EPA 6020B	Selenium	0.00057J	mg/L	0.0050	02/25/26 14:00	
EPA 6020B	Sodium	12.3	mg/L	0.40	02/25/26 14:00	
92842919013	**HAM-MW-20**					
EPA 6020B	Lithium	0.00101J	mg/L	0.00200	02/18/26 15:55	J
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	216	mg/L	5.0	02/18/26 01:11	
SM 2320B-2021	Alkalinity, Total as CaCO3	216	mg/L	5.0	02/18/26 01:11	
SM 2540C-2020	Total Dissolved Solids	452	mg/L	25.0	02/12/26 04:59	
EPA 300.0 Rev 2.1 1993	Chloride	26.7	mg/L	1.0	02/11/26 16:20	
EPA 300.0 Rev 2.1 1993	Fluoride	0.065J	mg/L	0.10	02/11/26 16:20	
EPA 300.0 Rev 2.1 1993	Sulfate	98.9	mg/L	2.0	02/12/26 03:46	
EPA 6020B	Arsenic	0.00055J	mg/L	0.0020	02/25/26 14:19	
EPA 6020B	Barium	0.098	mg/L	0.0050	02/25/26 14:19	
EPA 6020B	Boron	0.10	mg/L	0.040	02/25/26 14:19	
EPA 6020B	Calcium	121	mg/L	4.0	02/25/26 14:28	
EPA 6020B	Chromium	0.00024J	mg/L	0.0050	02/25/26 14:19	
EPA 6020B	Magnesium	9.4	mg/L	0.050	02/25/26 14:19	
EPA 6020B	Potassium	0.30J	mg/L	0.40	02/25/26 14:19	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842919013	**HAM-MW-20**					
EPA 6020B	Sodium	10.8	mg/L	0.40	02/25/26 14:19	
92842919014	**HAM-MW-27D**					
EPA 6020B	Lithium	0.00878	mg/L	0.00200	02/18/26 15:58	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	91.9	mg/L	5.0	02/18/26 00:35	
SM 2320B-2021	Alkalinity, Total as CaCO3	96.0	mg/L	5.0	02/18/26 00:35	
SM 2540C-2020	Total Dissolved Solids	166	mg/L	25.0	02/12/26 04:59	
EPA 300.0 Rev 2.1 1993	Chloride	21.4	mg/L	1.0	02/11/26 17:28	
EPA 300.0 Rev 2.1 1993	Fluoride	0.25	mg/L	0.10	02/11/26 17:28	
EPA 300.0 Rev 2.1 1993	Sulfate	17.3	mg/L	1.0	02/11/26 17:28	
EPA 6020B	Arsenic	0.00065J	mg/L	0.0020	02/25/26 14:37	
EPA 6020B	Barium	0.65	mg/L	0.025	02/25/26 17:52	
EPA 6020B	Boron	0.11	mg/L	0.040	02/25/26 14:37	
EPA 6020B	Calcium	19.8	mg/L	0.40	02/25/26 14:37	
EPA 6020B	Chromium	0.00035J	mg/L	0.0050	02/25/26 14:37	
EPA 6020B	Magnesium	10.3	mg/L	0.050	02/25/26 14:37	
EPA 6020B	Molybdenum	0.015	mg/L	0.010	02/25/26 14:37	
EPA 6020B	Potassium	1.4	mg/L	0.40	02/25/26 14:37	
EPA 6020B	Sodium	22.8	mg/L	0.40	02/25/26 14:37	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-HGWC-7 **Lab ID: 92842919001** Collected: 02/05/26 14:47 Received: 02/06/26 17:20 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	**0.00210**	mg/L	0.00200	0.000600	1	02/12/26 08:40	02/12/26 13:55	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**201**	mg/L	5.0	5.0	1		02/14/26 16:50		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 16:50		
Alkalinity, Total as CaCO3	**201**	mg/L	5.0	5.0	1		02/14/26 16:50		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**379**	mg/L	25.0	25.0	1		02/11/26 12:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**26.3**	mg/L	1.0	0.60	1		02/10/26 10:52	16887-00-6	
Fluoride	**0.11**	mg/L	0.10	0.050	1		02/10/26 10:52	16984-48-8	
Sulfate	**90.5**	mg/L	1.0	0.50	1		02/10/26 10:52	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	02/11/26 05:27	02/23/26 18:48	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 18:48	7440-38-2	
Barium	**0.086**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 18:48	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 18:48	7440-41-7	
Boron	**0.69**	mg/L	0.20	0.037	5	02/11/26 05:27	02/23/26 18:57	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 18:48	7440-43-9	
Calcium	**105**	mg/L	2.0	0.50	5	02/11/26 05:27	02/23/26 18:57	7440-70-2	
Chromium	**0.00025J**	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 18:48	7440-47-3	
Cobalt	**0.0018J**	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 18:48	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 18:48	7439-92-1	
Magnesium	**11.7**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 18:48	7439-95-4	
Molybdenum	**0.017**	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 18:48	7439-98-7	
Potassium	**1.5**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 18:48	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 18:48	7782-49-2	
Sodium	**12.2**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 18:48	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 18:48	7440-28-0	
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	02/10/26 18:32	02/20/26 00:18	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-HGWC-8 **Lab ID: 92842919002** Collected: 02/05/26 16:19 Received: 02/06/26 17:20 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	**0.000661J**	mg/L	0.00200	0.000600	1	02/12/26 08:40	02/12/26 14:50	7439-93-2	J
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**106**	mg/L	5.0	5.0	1		02/14/26 16:58		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 16:58		
Alkalinity, Total as CaCO3	**106**	mg/L	5.0	5.0	1		02/14/26 16:58		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**357**	mg/L	25.0	25.0	1		02/11/26 12:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**24.0**	mg/L	1.0	0.60	1		02/10/26 11:06	16887-00-6	
Fluoride	**0.39**	mg/L	0.10	0.050	1		02/10/26 11:06	16984-48-8	
Sulfate	**103**	mg/L	3.0	1.5	3		02/10/26 17:58	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	02/11/26 05:27	02/23/26 19:52	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 19:52	7440-38-2	
Barium	**0.046**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 19:52	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 19:52	7440-41-7	
Boron	**1.4**	mg/L	0.40	0.073	10	02/11/26 05:27	02/23/26 19:06	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 19:52	7440-43-9	
Calcium	**88.9**	mg/L	4.0	1.0	10	02/11/26 05:27	02/23/26 19:06	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 19:52	7440-47-3	
Cobalt	**0.0013J**	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 19:52	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 19:52	7439-92-1	
Magnesium	**12.7**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 19:52	7439-95-4	
Molybdenum	**0.21**	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 19:52	7439-98-7	
Potassium	**6.3**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 19:52	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 19:52	7782-49-2	
Sodium	**9.2**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 19:52	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 19:52	7440-28-0	
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	02/10/26 18:32	02/20/26 00:20	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-HGWC-10 **Lab ID: 92842919003** Collected: 02/05/26 16:33 Received: 02/06/26 17:20 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	02/12/26 08:40	02/12/26 14:54	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**230**	mg/L	5.0	5.0	1		02/18/26 02:12		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 02:12		
Alkalinity, Total as CaCO3	**230**	mg/L	5.0	5.0	1		02/18/26 02:12		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**384**	mg/L	25.0	25.0	1		02/11/26 12:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.8**	mg/L	1.0	0.60	1		02/10/26 11:20	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		02/10/26 11:20	16984-48-8	
Sulfate	**96.7**	mg/L	1.0	0.50	1		02/10/26 11:20	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	02/11/26 05:27	02/23/26 20:02	7440-36-0	
Arsenic	**0.00044J**	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 20:02	7440-38-2	
Barium	**0.075**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 20:02	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 20:02	7440-41-7	
Boron	**0.27**	mg/L	0.040	0.0073	1	02/11/26 05:27	02/23/26 20:02	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 20:02	7440-43-9	
Calcium	**122**	mg/L	2.0	0.50	5	02/11/26 05:27	02/23/26 20:11	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 20:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 20:02	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 20:02	7439-92-1	
Magnesium	**8.8**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 20:02	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 20:02	7439-98-7	
Potassium	**6.0**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 20:02	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 20:02	7782-49-2	
Sodium	**6.0**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 20:02	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 20:02	7440-28-0	
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	02/10/26 18:32	02/20/26 00:23	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-HGWC-11 **Lab ID: 92842919004** Collected: 02/05/26 12:40 Received: 02/06/26 17:20 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	02/12/26 08:40	02/12/26 14:57	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**95.8**	mg/L	5.0	5.0	1		02/14/26 17:24		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 17:24		
Alkalinity, Total as CaCO3	**95.8**	mg/L	5.0	5.0	1		02/14/26 17:24		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**291**	mg/L	25.0	25.0	1		02/11/26 12:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.2**	mg/L	1.0	0.60	1		02/10/26 11:34	16887-00-6	
Fluoride	**0.22**	mg/L	0.10	0.050	1		02/10/26 11:34	16984-48-8	
Sulfate	**103**	mg/L	2.0	1.0	2		02/10/26 18:13	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	02/11/26 05:27	02/23/26 20:20	7440-36-0	
Arsenic	**0.00057J**	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 20:20	7440-38-2	
Barium	**0.024**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 20:20	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 20:20	7440-41-7	
Boron	**0.33**	mg/L	0.20	0.037	5	02/11/26 05:27	02/24/26 11:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 20:20	7440-43-9	
Calcium	**76.5**	mg/L	4.0	1.0	10	02/11/26 05:27	02/23/26 20:29	7440-70-2	
Chromium	**0.00031J**	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 20:20	7440-47-3	
Cobalt	**0.00032J**	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 20:20	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 20:20	7439-92-1	
Magnesium	**8.9**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 20:20	7439-95-4	
Molybdenum	**0.013**	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 20:20	7439-98-7	
Potassium	**2.8**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 20:20	7440-09-7	
Selenium	**0.012**	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 20:20	7782-49-2	
Sodium	**3.7**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 20:20	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 20:20	7440-28-0	
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	02/10/26 18:32	02/20/26 00:26	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-HGWC-12 **Lab ID: 92842919005** Collected: 02/05/26 14:17 Received: 02/06/26 17:20 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	**0.0103**	mg/L	0.00200	0.000600	1	02/12/26 08:40	02/12/26 15:00	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**230**	mg/L	5.0	5.0	1		02/14/26 17:32		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 17:32		
Alkalinity, Total as CaCO3	**230**	mg/L	5.0	5.0	1		02/14/26 17:32		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**527**	mg/L	25.0	25.0	1		02/11/26 12:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**15.8**	mg/L	1.0	0.60	1		02/10/26 11:48	16887-00-6	
Fluoride	**0.22**	mg/L	0.10	0.050	1		02/10/26 11:48	16984-48-8	
Sulfate	**157**	mg/L	4.0	2.0	4		02/10/26 18:27	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	02/11/26 05:27	02/23/26 20:39	7440-36-0	
Arsenic	**0.0028**	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 20:39	7440-38-2	
Barium	**0.059**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 20:39	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 20:39	7440-41-7	
Boron	**1.2**	mg/L	0.40	0.073	10	02/11/26 05:27	02/23/26 20:48	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 20:39	7440-43-9	
Calcium	**148**	mg/L	4.0	1.0	10	02/11/26 05:27	02/23/26 20:48	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 20:39	7440-47-3	
Cobalt	**0.0013J**	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 20:39	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 20:39	7439-92-1	
Magnesium	**14.1**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 20:39	7439-95-4	
Molybdenum	**0.042**	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 20:39	7439-98-7	
Potassium	**6.7**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 20:39	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 20:39	7782-49-2	
Sodium	**7.4**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 20:39	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 20:39	7440-28-0	
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	02/10/26 18:32	02/20/26 00:28	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-HGWC-13 **Lab ID: 92842919006** Collected: 02/05/26 10:14 Received: 02/06/26 17:20 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	**0.0454**	mg/L	0.00200	0.000600	1	02/12/26 08:40	02/12/26 15:04	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**196**	mg/L	5.0	5.0	1		02/14/26 17:40		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 17:40		
Alkalinity, Total as CaCO3	**196**	mg/L	5.0	5.0	1		02/14/26 17:40		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**519**	mg/L	25.0	25.0	1		02/11/26 12:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**15.2**	mg/L	1.0	0.60	1		02/10/26 12:01	16887-00-6	
Fluoride	**0.39**	mg/L	0.10	0.050	1		02/10/26 12:01	16984-48-8	
Sulfate	**152**	mg/L	4.0	2.0	4		02/10/26 18:41	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	02/11/26 05:27	02/23/26 20:57	7440-36-0	
Arsenic	**0.49**	mg/L	0.040	0.0082	20	02/11/26 05:27	02/23/26 21:06	7440-38-2	
Barium	**0.052**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 20:57	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 20:57	7440-41-7	
Boron	**0.70**	mg/L	0.20	0.037	5	02/11/26 05:27	02/24/26 12:00	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 20:57	7440-43-9	
Calcium	**125**	mg/L	8.0	2.0	20	02/11/26 05:27	02/23/26 21:06	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 20:57	7440-47-3	
Cobalt	**0.012**	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 20:57	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 20:57	7439-92-1	
Magnesium	**15.0**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 20:57	7439-95-4	
Molybdenum	**0.011**	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 20:57	7439-98-7	
Potassium	**5.7**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 20:57	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 20:57	7782-49-2	
Sodium	**13.3**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 20:57	7440-23-5	
Thallium	**0.00021J**	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 20:57	7440-28-0	
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	02/10/26 18:32	02/20/26 00:31	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-MW-24D **Lab ID: 92842919007** Collected: 02/04/26 15:55 Received: 02/06/26 17:20 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	**0.00275**	mg/L	0.00200	0.000600	1	02/12/26 08:40	02/12/26 15:07	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**103**	mg/L	5.0	5.0	1		02/14/26 12:55		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 12:55		
Alkalinity, Total as CaCO3	**103**	mg/L	5.0	5.0	1		02/14/26 12:55		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**400**	mg/L	25.0	25.0	1		02/10/26 15:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**27.3**	mg/L	1.0	0.60	1		02/10/26 12:15	16887-00-6	
Fluoride	**0.12**	mg/L	0.10	0.050	1		02/10/26 12:15	16984-48-8	
Sulfate	**112**	mg/L	3.0	1.5	3		02/10/26 19:43	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	02/11/26 05:27	02/23/26 21:43	7440-36-0	
Arsenic	**0.00046J**	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 21:43	7440-38-2	
Barium	**0.043**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 21:43	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 21:43	7440-41-7	
Boron	**0.51**	mg/L	0.20	0.037	5	02/11/26 05:27	02/23/26 21:16	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 21:43	7440-43-9	
Calcium	**87.0**	mg/L	2.0	0.50	5	02/11/26 05:27	02/23/26 21:16	7440-70-2	
Chromium	**0.00031J**	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 21:43	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 21:43	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 21:43	7439-92-1	
Magnesium	**9.8**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 21:43	7439-95-4	
Molybdenum	**0.0064J**	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 21:43	7439-98-7	
Potassium	**1.3**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 21:43	7440-09-7	
Selenium	**0.0015J**	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 21:43	7782-49-2	
Sodium	**9.6**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 21:43	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 21:43	7440-28-0	
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	02/10/26 18:32	02/20/26 00:33	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-AP1-FD-01 **Lab ID: 92842919008** Collected: 02/05/26 00:00 Received: 02/06/26 17:20 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	**0.0472**	mg/L	0.00200	0.000600	1	02/12/26 08:40	02/12/26 15:24	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**503**	mg/L	25.0	25.0	1		02/11/26 12:53		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**15.2**	mg/L	1.0	0.60	1		02/10/26 12:29	16887-00-6	
Fluoride	**0.39**	mg/L	0.10	0.050	1		02/10/26 12:29	16984-48-8	
Sulfate	**152**	mg/L	4.0	2.0	4		02/10/26 19:57	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	02/11/26 05:27	02/23/26 21:53	7440-36-0	
Arsenic	**0.51**	mg/L	0.040	0.0082	20	02/11/26 05:27	02/23/26 22:02	7440-38-2	
Barium	**0.053**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 21:53	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 21:53	7440-41-7	
Boron	**0.83**	mg/L	0.20	0.037	5	02/11/26 05:27	02/24/26 12:09	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 21:53	7440-43-9	
Calcium	**127**	mg/L	8.0	2.0	20	02/11/26 05:27	02/23/26 22:02	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 21:53	7440-47-3	
Cobalt	**0.012**	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 21:53	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 21:53	7439-92-1	
Molybdenum	**0.011**	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 21:53	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 21:53	7782-49-2	
Thallium	**0.00022J**	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 21:53	7440-28-0	
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	02/10/26 18:32	02/20/26 00:36	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-AP1-EB-01 **Lab ID: 92842919009** Collected: 02/05/26 18:00 Received: 02/06/26 17:20 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	02/12/26 08:40	02/12/26 15:27	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		02/11/26 12:53		
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		02/10/26 03:40	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/10/26 03:40	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/10/26 03:40	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	02/11/26 05:27	02/23/26 22:11	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 22:11	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 22:11	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 22:11	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/11/26 05:27	02/23/26 22:11	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 22:11	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/11/26 05:27	02/23/26 22:11	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 22:11	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 22:11	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 22:11	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 22:11	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 22:11	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 22:11	7440-28-0	
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	02/10/26 18:32	02/20/26 00:38	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-AP1-FB-01 **Lab ID: 92842919010** Collected: 02/04/26 17:55 Received: 02/06/26 17:20 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	02/12/26 08:40	02/12/26 15:30	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		02/10/26 15:56		
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		02/10/26 03:54	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/10/26 03:54	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/10/26 03:54	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	02/11/26 05:27	02/23/26 22:20	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 22:20	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 22:20	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 22:20	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/11/26 05:27	02/23/26 22:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 22:20	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/11/26 05:27	02/23/26 22:20	7440-70-2	
Chromium	**0.00027J**	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 22:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 22:20	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 22:20	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 22:20	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 22:20	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 22:20	7440-28-0	
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	02/10/26 18:32	02/20/26 00:46	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-MW-19 **Lab ID: 92842919011** Collected: 02/04/26 17:47 Received: 02/06/26 17:20 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	**0.00791**	mg/L	0.00200	0.000600	1	02/12/26 08:40	02/12/26 15:33	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**132**	mg/L	5.0	5.0	1		02/14/26 13:36		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 13:36		
Alkalinity, Total as CaCO3	**132**	mg/L	5.0	5.0	1		02/14/26 13:36		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**437**	mg/L	25.0	25.0	1		02/10/26 15:57		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**14.6**	mg/L	1.0	0.60	1		02/10/26 14:49	16887-00-6	
Fluoride	**0.15**	mg/L	0.10	0.050	1		02/10/26 14:49	16984-48-8	
Sulfate	**152**	mg/L	4.0	2.0	4		02/10/26 20:11	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	02/10/26 12:57	02/21/26 16:14	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/10/26 12:57	02/21/26 16:14	7440-38-2	
Barium	**0.035**	mg/L	0.0050	0.00056	1	02/10/26 12:57	02/21/26 16:14	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/10/26 12:57	02/21/26 16:14	7440-41-7	
Boron	**0.51**	mg/L	0.040	0.0073	1	02/10/26 12:57	02/21/26 16:14	7440-42-8	
Cadmium	**0.00017J**	mg/L	0.00050	0.00010	1	02/10/26 12:57	02/21/26 16:14	7440-43-9	
Calcium	**108**	mg/L	2.0	0.50	5	02/10/26 12:57	02/24/26 14:39	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/10/26 12:57	02/21/26 16:14	7440-47-3	
Cobalt	**0.024**	mg/L	0.0050	0.00012	1	02/10/26 12:57	02/21/26 16:14	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/10/26 12:57	02/21/26 16:14	7439-92-1	
Magnesium	**11.5**	mg/L	0.050	0.024	1	02/10/26 12:57	02/21/26 16:14	7439-95-4	
Molybdenum	**0.020**	mg/L	0.010	0.0020	1	02/10/26 12:57	02/21/26 16:14	7439-98-7	
Potassium	**2.3**	mg/L	0.40	0.13	1	02/10/26 12:57	02/24/26 14:36	7440-09-7	
Selenium	**0.0055**	mg/L	0.0050	0.00050	1	02/10/26 12:57	02/21/26 16:14	7782-49-2	
Sodium	**6.4**	mg/L	0.40	0.083	1	02/10/26 12:57	02/21/26 16:14	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/10/26 12:57	02/21/26 16:14	7440-28-0	
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	02/18/26 18:59	02/18/26 21:11	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-HGWC-9 **Lab ID: 92842919012** Collected: 02/06/26 11:17 Received: 02/09/26 17:05 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	**0.00296**	mg/L	0.00200	0.000600	1	02/17/26 18:11	02/18/26 15:51	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**175**	mg/L	5.0	5.0	1		02/18/26 00:42		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 00:42		
Alkalinity, Total as CaCO3	**175**	mg/L	5.0	5.0	1		02/18/26 00:42		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**616**	mg/L	50.0	50.0	1		02/12/26 04:59		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**80.9**	mg/L	1.0	0.60	1		02/11/26 15:32	16887-00-6	M1
Fluoride	**0.098J**	mg/L	0.10	0.050	1		02/11/26 15:32	16984-48-8	
Sulfate	**177**	mg/L	4.0	2.0	4		02/12/26 02:59	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	02/12/26 11:28	02/25/26 14:00	7440-36-0	
Arsenic	**0.00061J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 14:00	7440-38-2	
Barium	**0.064**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 14:00	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 14:00	7440-41-7	
Boron	**2.1**	mg/L	0.40	0.073	10	02/12/26 11:28	02/25/26 14:10	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 14:00	7440-43-9	
Calcium	**148**	mg/L	4.0	1.0	10	02/12/26 11:28	02/25/26 14:10	7440-70-2	
Chromium	**0.00059J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 14:00	7440-47-3	
Cobalt	**0.00069J**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 14:00	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 14:00	7439-92-1	
Magnesium	**17.4**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 14:00	7439-95-4	
Molybdenum	**0.0095J**	mg/L	0.010	0.0020	1	02/12/26 11:28	02/25/26 14:00	7439-98-7	
Potassium	**2.7**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 14:00	7440-09-7	
Selenium	**0.00057J**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 14:00	7782-49-2	
Sodium	**12.3**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 14:00	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 14:00	7440-28-0	CU
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	02/14/26 11:47	02/20/26 23:09	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-MW-20 **Lab ID: 92842919013** Collected: 02/06/26 12:57 Received: 02/09/26 17:05 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	**0.00101J**	mg/L	0.00200	0.000600	1	02/17/26 18:11	02/18/26 15:55	7439-93-2	J
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**216**	mg/L	5.0	5.0	1		02/18/26 01:11		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 01:11		
Alkalinity, Total as CaCO3	**216**	mg/L	5.0	5.0	1		02/18/26 01:11		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**452**	mg/L	25.0	25.0	1		02/12/26 04:59		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**26.7**	mg/L	1.0	0.60	1		02/11/26 16:20	16887-00-6	
Fluoride	**0.065J**	mg/L	0.10	0.050	1		02/11/26 16:20	16984-48-8	
Sulfate	**98.9**	mg/L	2.0	1.0	2		02/12/26 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	02/12/26 11:28	02/25/26 14:19	7440-36-0	
Arsenic	**0.00055J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 14:19	7440-38-2	
Barium	**0.098**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/25/26 14:19	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 14:19	7440-41-7	
Boron	**0.10**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 14:19	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 14:19	7440-43-9	
Calcium	**121**	mg/L	4.0	1.0	10	02/12/26 11:28	02/25/26 14:28	7440-70-2	
Chromium	**0.00024J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 14:19	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 14:19	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 14:19	7439-92-1	
Magnesium	**9.4**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 14:19	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/25/26 14:19	7439-98-7	
Potassium	**0.30J**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 14:19	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 14:19	7782-49-2	
Sodium	**10.8**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 14:19	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 14:19	7440-28-0	CU
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	02/14/26 11:47	02/20/26 23:12	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Sample: HAM-MW-27D **Lab ID: 92842919014** Collected: 02/06/26 11:45 Received: 02/09/26 17:05 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	**0.00878**	mg/L	0.00200	0.000600	1	02/17/26 18:11	02/18/26 15:58	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**91.9**	mg/L	5.0	5.0	1		02/18/26 00:35		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 00:35		
Alkalinity, Total as CaCO3	**96.0**	mg/L	5.0	5.0	1		02/18/26 00:35		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**166**	mg/L	25.0	25.0	1		02/12/26 04:59		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**21.4**	mg/L	1.0	0.60	1		02/11/26 17:28	16887-00-6	
Fluoride	**0.25**	mg/L	0.10	0.050	1		02/11/26 17:28	16984-48-8	
Sulfate	**17.3**	mg/L	1.0	0.50	1		02/11/26 17:28	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 14:37	7440-36-0	
Arsenic	**0.00065J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/25/26 14:37	7440-38-2	
Barium	**0.65**	mg/L	0.025	0.0028	5	02/12/26 11:28	02/25/26 17:52	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/25/26 14:37	7440-41-7	
Boron	**0.11**	mg/L	0.040	0.0073	1	02/12/26 11:28	02/25/26 14:37	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/25/26 14:37	7440-43-9	
Calcium	**19.8**	mg/L	0.40	0.10	1	02/12/26 11:28	02/25/26 14:37	7440-70-2	
Chromium	**0.00035J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/25/26 14:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/25/26 14:37	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/25/26 14:37	7439-92-1	
Magnesium	**10.3**	mg/L	0.050	0.024	1	02/12/26 11:28	02/25/26 14:37	7439-95-4	
Molybdenum	**0.015**	mg/L	0.010	0.0020	1	02/12/26 11:28	02/25/26 14:37	7439-98-7	
Potassium	**1.4**	mg/L	0.40	0.13	1	02/12/26 11:28	02/25/26 14:37	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/25/26 14:37	7782-49-2	
Sodium	**22.8**	mg/L	0.40	0.083	1	02/12/26 11:28	02/25/26 14:37	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/25/26 14:37	7440-28-0	CU
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	02/14/26 11:47	02/20/26 23:14	7439-97-6	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 2690290
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010, 92842919011

METHOD BLANK: R4335497-1 Matrix: Water
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010, 92842919011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/12/26 13:49	

LABORATORY CONTROL SAMPLE: R4335497-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0495	98.9	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4335497-4 R4335497-5

Parameter	Units	92842919001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00210	0.0500	0.0500	0.0511	0.0517	98.0	99.1	75.0-125	1.12	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 2694081
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92842919012, 92842919013, 92842919014

METHOD BLANK: R4337822-1 Matrix: Water
Associated Lab Samples: 92842919012, 92842919013, 92842919014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/18/26 14:36	

LABORATORY CONTROL SAMPLE: R4337822-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0445	89.0	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4337822-7 R4337822-8

Parameter	Units	L1944383-27 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00771	0.0500	0.0500	0.0509	0.0522	86.4	88.9	75.0-125	2.43	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 990287
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842919007, 92842919011

METHOD BLANK: 5090270 Matrix: Water
Associated Lab Samples: 92842919007, 92842919011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/14/26 10:15	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/14/26 10:15	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/14/26 10:15	

LABORATORY CONTROL SAMPLE: 5090271

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	49.9	100	80-120	

LABORATORY CONTROL SAMPLE: 5090272

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5090273 5090274

Parameter	Units	92842325001 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	170	50	50	214	212	87	84	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5090275 5090276

Parameter	Units	92842325002 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	160	50	50	213	201	105	82	80-120	5	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 990289
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842919001, 92842919002, 92842919004, 92842919005, 92842919006

METHOD BLANK: 5090281 Matrix: Water
Associated Lab Samples: 92842919001, 92842919002, 92842919004, 92842919005, 92842919006

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/14/26 14:28	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/14/26 14:28	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/14/26 14:28	

LABORATORY CONTROL SAMPLE: 5090282

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

LABORATORY CONTROL SAMPLE: 5090283

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5090286 5090287

Parameter	Units	92842806005 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	28.5	50	50	77.8	78.1	99	99	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5092939 5092940

Parameter	Units	92841933017 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	94.0	50	50	147	143	105	99	80-120	2	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 991369 | Analysis Method: SM 2320B-2021
QC Batch Method: SM 2320B-2021 | Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842919003, 92842919012, 92842919013, 92842919014

METHOD BLANK: 5096020 Matrix: Water
Associated Lab Samples: 92842919003, 92842919012, 92842919013, 92842919014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/18/26 00:19	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/18/26 00:19	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/18/26 00:19	

LABORATORY CONTROL SAMPLE: 5096021

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: 5096022

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	50.9	102	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5096049 5096050

Parameter	Units	92842806009 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	53.9	53.0	104	102	80-120	2	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5096051 5096052

Parameter	Units	92842806010 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	15.8	50	50	67.3	66.9	103	102	80-120	1	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 989731
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: 92842919007, 92842919010, 92842919011

METHOD BLANK: 5086508 Matrix: Water
Associated Lab Samples: 92842919007, 92842919010, 92842919011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/10/26 15:56	

LABORATORY CONTROL SAMPLE: 5086509

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

SAMPLE DUPLICATE: 5086510

Parameter	Units	92842919007 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	400	390	3	25	

SAMPLE DUPLICATE: 5086511

Parameter	Units	92842656002 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	5360	5140	4	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 989985
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: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919008, 92842919009

METHOD BLANK: 5088321 Matrix: Water
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919008, 92842919009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	2.5	2.5	02/11/26 12:50	

LABORATORY CONTROL SAMPLE: 5088322

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	268	107	90-110	

SAMPLE DUPLICATE: 5088323

Parameter	Units	92841933020 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	443	442	0	25	

SAMPLE DUPLICATE: 5088324

Parameter	Units	92842919001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	379	378	0	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 990159
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: 92842919012, 92842919013, 92842919014

METHOD BLANK: 5089326 Matrix: Water
Associated Lab Samples: 92842919012, 92842919013, 92842919014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/12/26 04:57	

LABORATORY CONTROL SAMPLE: 5089327

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	274	110	90-110	

SAMPLE DUPLICATE: 5089328

Parameter	Units	92842744001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	<25.0	ND		25	

SAMPLE DUPLICATE: 5089329

Parameter	Units	92842453011 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1360	1380	1	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 989651
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: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010, 92842919011

METHOD BLANK: 5086305 Matrix: Water
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010, 92842919011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/09/26 23:15	
Fluoride	mg/L	ND	0.10	0.050	02/09/26 23:15	
Sulfate	mg/L	ND	1.0	0.50	02/09/26 23:15	

LABORATORY CONTROL SAMPLE: 5086306

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.7	97	90-110	
Fluoride	mg/L	2.5	2.4	94	90-110	
Sulfate	mg/L	50	48.6	97	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5086307 5086308

Parameter	Units	92842510008 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.4	50	50	44.2	51.7	83	98	90-110	16	10	M1,R1
Fluoride	mg/L	0.38	2.5	2.5	2.0	2.8	66	97	90-110	32	10	M1,R1
Sulfate	mg/L	184	50	50	229	230	91	93	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5086309 5086310

Parameter	Units	92842926001 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	52.2	52.0	99	98	90-110	0	10	
Fluoride	mg/L	0.094J	2.5	2.5	2.4	2.4	93	92	90-110	0	10	
Sulfate	mg/L	2.1	50	50	51.1	50.9	98	98	90-110	0	10	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

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: 92842919012, 92842919013, 92842919014

METHOD BLANK: 5088116 Matrix: Water
Associated Lab Samples: 92842919012, 92842919013, 92842919014

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: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 989777
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010

METHOD BLANK: 5086768 Matrix: Water
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	02/23/26 14:04	
Arsenic	mg/L	ND	0.0020	0.00041	02/23/26 14:04	
Barium	mg/L	ND	0.0050	0.00056	02/23/26 14:04	
Beryllium	mg/L	ND	0.00040	0.00015	02/23/26 14:04	
Boron	mg/L	ND	0.040	0.0073	02/23/26 14:04	
Cadmium	mg/L	ND	0.00050	0.00010	02/23/26 14:04	
Calcium	mg/L	ND	0.40	0.10	02/23/26 14:04	
Chromium	mg/L	ND	0.0050	0.00024	02/23/26 14:04	
Cobalt	mg/L	ND	0.0050	0.00012	02/23/26 14:04	
Lead	mg/L	ND	0.0010	0.00027	02/23/26 14:04	
Magnesium	mg/L	ND	0.050	0.024	02/23/26 14:04	
Molybdenum	mg/L	ND	0.010	0.0020	02/23/26 14:04	
Potassium	mg/L	ND	0.40	0.13	02/23/26 14:04	
Selenium	mg/L	ND	0.0050	0.00050	02/23/26 14:04	
Sodium	mg/L	ND	0.40	0.083	02/23/26 14:04	
Thallium	mg/L	ND	0.00050	0.00017	02/23/26 14:04	

LABORATORY CONTROL SAMPLE: 5086769

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	0.087	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	0.094	94	80-120	
Cadmium	mg/L	0.1	0.097	97	80-120	
Calcium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	0.1	0.10	102	80-120	
Cobalt	mg/L	0.1	0.11	105	80-120	
Lead	mg/L	0.1	0.10	100	80-120	
Magnesium	mg/L	1	0.99	99	80-120	
Molybdenum	mg/L	0.1	0.092	92	80-120	
Potassium	mg/L	1	0.94	94	80-120	
Selenium	mg/L	0.1	0.082	82	80-120	
Sodium	mg/L	1	0.95	95	80-120	
Thallium	mg/L	0.1	0.10	100	80-120	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5086770 5086771

Parameter	Units	92842453004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	104	105	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.097	0.098	97	97	75-125	0	20	
Barium	mg/L	0.21	0.1	0.1	0.32	0.32	116	115	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.10	0.10	102	101	75-125	1	20	
Boron	mg/L	0.053	0.1	0.1	0.15	0.15	99	100	75-125	1	20	
Cadmium	mg/L	ND	0.1	0.1	0.11	0.11	106	106	75-125	1	20	
Calcium	mg/L	49.6	1	1	47.0	48.0	-256	-154	75-125	2	20	M1
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.10	0.10	103	104	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	102	102	75-125	0	20	
Magnesium	mg/L	6.8	1	1	7.6	7.5	77	64	75-125	2	20	M1
Molybdenum	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Potassium	mg/L	0.40J	1	1	1.3	1.4	94	96	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	1	20	
Sodium	mg/L	8.2	1	1	8.7	8.7	50	50	75-125	0	20	M1
Thallium	mg/L	ND	0.1	0.1	0.10	0.10	103	102	75-125	1	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 989780
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842919011

METHOD BLANK: 5086779 Matrix: Water
Associated Lab Samples: 92842919011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	02/21/26 15:26	
Arsenic	mg/L	ND	0.0020	0.00041	02/21/26 15:26	
Barium	mg/L	ND	0.0050	0.00056	02/21/26 15:26	
Beryllium	mg/L	ND	0.00040	0.00015	02/21/26 15:26	
Boron	mg/L	ND	0.040	0.0073	02/21/26 15:26	
Cadmium	mg/L	ND	0.00050	0.00010	02/21/26 15:26	
Calcium	mg/L	ND	0.40	0.10	02/21/26 15:26	
Chromium	mg/L	ND	0.0050	0.00024	02/21/26 15:26	
Cobalt	mg/L	ND	0.0050	0.00012	02/21/26 15:26	
Lead	mg/L	ND	0.0010	0.00027	02/21/26 15:26	
Magnesium	mg/L	ND	0.050	0.024	02/21/26 15:26	
Molybdenum	mg/L	ND	0.010	0.0020	02/21/26 15:26	
Potassium	mg/L	ND	0.40	0.13	02/21/26 15:26	
Selenium	mg/L	ND	0.0050	0.00050	02/21/26 15:26	
Sodium	mg/L	ND	0.40	0.083	02/21/26 15:26	
Thallium	mg/L	ND	0.00050	0.00017	02/21/26 15:26	

LABORATORY CONTROL SAMPLE: 5086780

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	0.10	100	80-120	
Barium	mg/L	0.1	0.097	97	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	0.099	99	80-120	
Calcium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	0.1	0.10	103	80-120	
Cobalt	mg/L	0.1	0.10	100	80-120	
Lead	mg/L	0.1	0.10	100	80-120	
Magnesium	mg/L	1	0.95	95	80-120	
Molybdenum	mg/L	0.1	0.095	95	80-120	
Potassium	mg/L	1	1.0	104	80-120	
Selenium	mg/L	0.1	0.099	99	80-120	
Sodium	mg/L	1	1.0	101	80-120	
Thallium	mg/L	0.1	0.10	100	80-120	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5086781 5086782

Parameter	Units	92842926001 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	0.097	0.099	97	99	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	100	101	75-125	1	20	
Barium	mg/L	0.030	0.1	0.1	0.13	0.13	96	99	75-125	2	20	
Beryllium	mg/L	ND	0.1	0.1	0.11	0.10	110	102	75-125	8	20	
Boron	mg/L	0.0075J	0.1	0.1	0.12	0.11	110	98	75-125	11	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	100	102	75-125	2	20	
Calcium	mg/L	75.5	1	1	72.7	75.7	-274	23	75-125	4	20	M1
Chromium	mg/L	0.00044J	0.1	0.1	0.10	0.10	104	104	75-125	1	20	
Cobalt	mg/L	0.00017J	0.1	0.1	0.099	0.10	99	100	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.11	0.099	113	98	75-125	14	20	
Magnesium	mg/L	5.6	1	1	6.5	6.5	90	86	75-125	1	20	
Molybdenum	mg/L	ND	0.1	0.1	0.096	0.098	96	98	75-125	1	20	
Potassium	mg/L	0.39J	1	1	1.4	1.4	101	102	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.11	0.10	113	103	75-125	9	20	
Sodium	mg/L	3.9	1	1	4.7	4.8	80	94	75-125	3	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.10	100	102	75-125	2	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

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: 92842919012, 92842919013, 92842919014

METHOD BLANK: 5088556 Matrix: Water
Associated Lab Samples: 92842919012, 92842919013, 92842919014

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	
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	
Molybdenum	mg/L	ND	0.010	0.0020	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	
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	1g

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	
Lead	mg/L	0.1	0.11	107	80-120	
Magnesium	mg/L	1	1.0	101	80-120	
Molybdenum	mg/L	0.1	0.10	103	80-120	
Potassium	mg/L	1	1.0	100	80-120	
Selenium	mg/L	0.1	0.092	92	80-120	
Sodium	mg/L	1	0.95	95	80-120	
Thallium	mg/L	0.1	0.10	101	80-120	2g

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(704)875-9092

QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

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	
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	
Molybdenum	mg/L	ND	0.1	0.1	0.098	0.10	98	102	75-125	5	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	
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	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 989882
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010

METHOD BLANK: 5087831 Matrix: Water
Associated Lab Samples: 92842919001, 92842919002, 92842919003, 92842919004, 92842919005, 92842919006, 92842919007, 92842919008, 92842919009, 92842919010

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	02/19/26 23:35	

LABORATORY CONTROL SAMPLE: 5087832

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0020	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5087833 5087834

Parameter	Units	92842510005 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	0.0020	0.0020	100	100	80-120	1	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 989896
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842919011

METHOD BLANK: 5087976 Matrix: Water
Associated Lab Samples: 92842919011

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	02/18/26 20:45	

LABORATORY CONTROL SAMPLE: 5087977

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0019	96	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5087978 5087979

Parameter	Units	92842926005 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	0.0019	0.0018	95	89	80-120	6	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

QC Batch: 990800
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842919012, 92842919013, 92842919014

METHOD BLANK: 5093114 Matrix: Water
Associated Lab Samples: 92842919012, 92842919013, 92842919014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	02/20/26 22:14	

LABORATORY CONTROL SAMPLE: 5093115

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: 5093116 5093117

Parameter	Units	92842926012 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	0.0020	0.0020	100	99	80-120	2	20	

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QUALIFIERS

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

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: 92842919

[1]	GEOSYNTEC
[2]	DO NOT DILUTE. MUST MEET REPORTING LIMITS. LET PM KNOW FIRST IF THERE ARE ISSUES.

ANALYTE QUALIFIERS

1g	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.
2g	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.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842919001	**HAM-HGWC-7**	3015	2690290	EPA 6020B	2690290
92842919002	**HAM-HGWC-8**	3015	2690290	EPA 6020B	2690290
92842919003	**HAM-HGWC-10**	3015	2690290	EPA 6020B	2690290
92842919004	**HAM-HGWC-11**	3015	2690290	EPA 6020B	2690290
92842919005	**HAM-HGWC-12**	3015	2690290	EPA 6020B	2690290
92842919006	**HAM-HGWC-13**	3015	2690290	EPA 6020B	2690290
92842919007	**HAM-MW-24D**	3015	2690290	EPA 6020B	2690290
92842919008	**HAM-AP1-FD-01**	3015	2690290	EPA 6020B	2690290
92842919009	**HAM-AP1-EB-01**	3015	2690290	EPA 6020B	2690290
92842919010	**HAM-AP1-FB-01**	3015	2690290	EPA 6020B	2690290
92842919011	**HAM-MW-19**	3015	2690290	EPA 6020B	2690290
92842919012	**HAM-HGWC-9**	3015	2694081	EPA 6020B	2694081
92842919013	**HAM-MW-20**	3015	2694081	EPA 6020B	2694081
92842919014	**HAM-MW-27D**	3015	2694081	EPA 6020B	2694081
92842919001	**HAM-HGWC-7**	SM 2320B-2021	990289		
92842919002	**HAM-HGWC-8**	SM 2320B-2021	990289		
92842919003	**HAM-HGWC-10**	SM 2320B-2021	991369		
92842919004	**HAM-HGWC-11**	SM 2320B-2021	990289		
92842919005	**HAM-HGWC-12**	SM 2320B-2021	990289		
92842919006	**HAM-HGWC-13**	SM 2320B-2021	990289		
92842919007	**HAM-MW-24D**	SM 2320B-2021	990287		
92842919011	**HAM-MW-19**	SM 2320B-2021	990287		
92842919012	**HAM-HGWC-9**	SM 2320B-2021	991369		
92842919013	**HAM-MW-20**	SM 2320B-2021	991369		
92842919014	**HAM-MW-27D**	SM 2320B-2021	991369		
92842919001	**HAM-HGWC-7**	SM 2540C-2020	989985		
92842919002	**HAM-HGWC-8**	SM 2540C-2020	989985		
92842919003	**HAM-HGWC-10**	SM 2540C-2020	989985		
92842919004	**HAM-HGWC-11**	SM 2540C-2020	989985		
92842919005	**HAM-HGWC-12**	SM 2540C-2020	989985		
92842919006	**HAM-HGWC-13**	SM 2540C-2020	989985		
92842919007	**HAM-MW-24D**	SM 2540C-2020	989731		
92842919008	**HAM-AP1-FD-01**	SM 2540C-2020	989985		
92842919009	**HAM-AP1-EB-01**	SM 2540C-2020	989985		
92842919010	**HAM-AP1-FB-01**	SM 2540C-2020	989731		
92842919011	**HAM-MW-19**	SM 2540C-2020	989731		
92842919012	**HAM-HGWC-9**	SM 2540C-2020	990159		
92842919013	**HAM-MW-20**	SM 2540C-2020	990159		
92842919014	**HAM-MW-27D**	SM 2540C-2020	990159		
92842919001	**HAM-HGWC-7**	EPA 300.0 Rev 2.1 1993	989651		
92842919002	**HAM-HGWC-8**	EPA 300.0 Rev 2.1 1993	989651		
92842919003	**HAM-HGWC-10**	EPA 300.0 Rev 2.1 1993	989651		
92842919004	**HAM-HGWC-11**	EPA 300.0 Rev 2.1 1993	989651		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond- AP-1
Pace Project No.: 92842919

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842919005	**HAM-HGWC-12**	EPA 300.0 Rev 2.1 1993	989651		
92842919006	**HAM-HGWC-13**	EPA 300.0 Rev 2.1 1993	989651		
92842919007	**HAM-MW-24D**	EPA 300.0 Rev 2.1 1993	989651		
92842919008	**HAM-AP1-FD-01**	EPA 300.0 Rev 2.1 1993	989651		
92842919009	**HAM-AP1-EB-01**	EPA 300.0 Rev 2.1 1993	989651		
92842919010	**HAM-AP1-FB-01**	EPA 300.0 Rev 2.1 1993	989651		
92842919011	**HAM-MW-19**	EPA 300.0 Rev 2.1 1993	989651		
92842919012	**HAM-HGWC-9**	EPA 300.0 Rev 2.1 1993	989915		
92842919013	**HAM-MW-20**	EPA 300.0 Rev 2.1 1993	989915		
92842919014	**HAM-MW-27D**	EPA 300.0 Rev 2.1 1993	989915		
92842919001	**HAM-HGWC-7**	EPA 3005A	989777	EPA 6020B	992736
92842919002	**HAM-HGWC-8**	EPA 3005A	989777	EPA 6020B	992736
92842919003	**HAM-HGWC-10**	EPA 3005A	989777	EPA 6020B	992736
92842919004	**HAM-HGWC-11**	EPA 3005A	989777	EPA 6020B	992736
92842919005	**HAM-HGWC-12**	EPA 3005A	989777	EPA 6020B	992736
92842919006	**HAM-HGWC-13**	EPA 3005A	989777	EPA 6020B	992736
92842919007	**HAM-MW-24D**	EPA 3005A	989777	EPA 6020B	992736
92842919008	**HAM-AP1-FD-01**	EPA 3005A	989777	EPA 6020B	992736
92842919009	**HAM-AP1-EB-01**	EPA 3005A	989777	EPA 6020B	992736
92842919010	**HAM-AP1-FB-01**	EPA 3005A	989777	EPA 6020B	992736
92842919011	**HAM-MW-19**	EPA 3005A	989780	EPA 6020B	992499
92842919012	**HAM-HGWC-9**	EPA 3005A	990068	EPA 6020B	993314
92842919013	**HAM-MW-20**	EPA 3005A	990068	EPA 6020B	993314
92842919014	**HAM-MW-27D**	EPA 3005A	990068	EPA 6020B	993314
92842919001	**HAM-HGWC-7**	EPA 7470A	989882	EPA 7470A	992237
92842919002	**HAM-HGWC-8**	EPA 7470A	989882	EPA 7470A	992237
92842919003	**HAM-HGWC-10**	EPA 7470A	989882	EPA 7470A	992237
92842919004	**HAM-HGWC-11**	EPA 7470A	989882	EPA 7470A	992237
92842919005	**HAM-HGWC-12**	EPA 7470A	989882	EPA 7470A	992237
92842919006	**HAM-HGWC-13**	EPA 7470A	989882	EPA 7470A	992237
92842919007	**HAM-MW-24D**	EPA 7470A	989882	EPA 7470A	992237
92842919008	**HAM-AP1-FD-01**	EPA 7470A	989882	EPA 7470A	992237
92842919009	**HAM-AP1-EB-01**	EPA 7470A	989882	EPA 7470A	992237
92842919010	**HAM-AP1-FB-01**	EPA 7470A	989882	EPA 7470A	992237
92842919011	**HAM-MW-19**	EPA 7470A	989896	EPA 7470A	991686
92842919012	**HAM-HGWC-9**	EPA 7470A	990800	EPA 7470A	992370
92842919013	**HAM-MW-20**	EPA 7470A	990800	EPA 7470A	992370
92842919014	**HAM-MW-27D**	EPA 7470A	990800	EPA 7470A	992370

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Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

WO# : 92842919

92842919

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: 2/9/26 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: 3.4 **Correction Factor:** Add/Subtract (°C) 0.0

Temp should be above freezing to 6°C

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

Cooler Temp Corrected (°C): 3.4

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	

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# : 92842919

PM: BV Due Date: 02/23/26

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)	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)	DG8V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		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																								
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9		1	1				2																								
10		1	1				2																								
11		1	1				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.

*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_____

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CC																														
1					2																									
2					2																									
3					2																									
4					2																									
5					2																									
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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-(AP-1)-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)

**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	2540C Total Dissolved Solids	300.0-Cl, SO4, F	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-HGWC-7	WG	WT	Grab			2/5/2026	1447	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-8	WG	WT	Grab			2/5/2026	1619	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-10	WG	WT	Grab			2/5/2026	1633	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-11	WG	WT	Grab			2/5/2026	1240	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-12	WG	WT	Grab			2/5/2026	1417	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-13	WG	WT	Grab			2/5/2026	1014	5			X	X	X	X	Temp = 16 deg C
HAM-MW-19	WG	WT	Grab	ZW 2/5/2026		2/4/2026	1747	5			X	X	X	X	Temp = 17 deg C
HAM-MW-24D	WG	WT	Grab			2/4/2026	1555	5			X	X	X	X	Temp = 16 deg C
HAM-AP1-FD-01	WG	WT	Grab			2/5/2026	0000	4	ZW 2/5/2026		X	X	X		Temp = 17 deg C
HAM-AP1-EB-01	WQ	WT	Grab			2/4/2026	1800	4			X	X	X		Temp = 17 deg C

AT 2/10/26

Additional Instructions from Pace®:

Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

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:

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283395

Preservation non-conformance identified for sample

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Zain Webb / Geosyntec	2-6-26 1325	Ryan Williams / Pace	2/6/2026 1325	
Ryan Williams / Pace	2/6/2026 1720		2/6/26 1720	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 3

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® 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 Harmmond-(AP-1)-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 PWS.ID # 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	2540C Total Dissolved Solids	300.0-Cl, SO4, F	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-AP1-FB-01	WQ	Grab			2/4/2026	1755	4			X	X	X			Temp = 17 deg C
HAM-HGWC-7	WG	Grab			2/5/2026	1447	2							X	Temp = 17 deg C
HAM HGWC-8	WG	Grab			2/5/2026	1619	2							X	Temp = 17 deg C
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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; Acct.Num / Client ID; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283395

Preservation non-conformance identified for sample

Additional Instructions from Pace®: AT 2/10/26

Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

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	2-6-26 1325	Ryan Williams / Pace	2/6/2026 1325
Ryan Williams / Pace	2/6/2026 1720	Charles Hale	2/6/26 1720

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® 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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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-(AP-1)-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

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	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
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HAM-AP1-FB-01	WQ	GT	ZW 2/5/2026		2/4/2026	1755	2	ZW 2/5/2026						X	Temp = 17 deg C
		AT 2/10/26													
					ZW 2/5/2026										

**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 3283395**

Preservation non-conformance identified for sample:

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

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	2-6-26 1325	Ryan Williams / Pace	2/6/2026 1325	
Ryan Williams / Pace	2/6/2026 1720	[illegible]	2/6/26 1720	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: 3 of 3

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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 #: [redacted]

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: 2/10/26 CH

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

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

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

Cooler Temp: 1.8 **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:** _____

*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		2	1			2	2																							
3		2	1			2	2																							
4																														
5																														
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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	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-(AP-1)-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), Binassay (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

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	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-HGWC-9	WG	Grab			2/6/2026	1117	5			X	X	X	X		Temp = 17 deg C
HAM-MW-20	WG	Grab			2/6/2026	1257	5			X	X	X	X		Temp = 17 deg C
HAM-MW-27D	WG	Grab			2/6/2026	1145	5			X	X	X	X		Temp = 16 deg C
HAM-HGWC-9	WG	Grab	ZW 2/6/2026		2/6/2026	1117	2							X	Temp = 17 deg C
HAM-MW-20	WG	Grab			2/6/2026	1257	2							X	Temp = 17 deg C
HAM-MW-27D	WG	Grab			2/6/2026	1145	2	ZW 2/6/2026						X	Temp = 16 deg C
															Last sample.
					ZW 2/6/2026										

**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 3283395

Preservation non conformance identified for sample

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

Collected By: (Printed Name) ZW Will, Alex Ulrich, Sam Weaver

Signature: ZW Will, Alex Ulrich, Sam Weaver

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:
Zan Will / Geo Synter	2/9/26 1405	Ryan Williams / Pace	2/9/26 1405	
Ryan Williams / Pace	2/9/26 1705	Charles Hale 2/9/26	1705	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	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 19, 2026

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

RE: Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 06, 2026 and February 09, 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@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

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CERTIFICATIONS

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

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: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92842923001	**HAM-HGWC-7**	Water	02/05/26 14:47	02/06/26 17:20
92842923002	**HAM-HGWC-8**	Water	02/05/26 16:19	02/06/26 17:20
92842923003	**HAM-HGWC-10**	Water	02/05/26 16:33	02/06/26 17:20
92842923004	**HAM-HGWC-11**	Water	02/05/26 12:40	02/06/26 17:20
92842923005	**HAM-HGWC-12**	Water	02/05/26 14:17	02/06/26 17:20
92842923006	**HAM-HGWC-13**	Water	02/05/26 10:14	02/06/26 17:20
92842923007	**HAM-MW-19**	Water	02/04/26 17:47	02/06/26 17:20
92842923008	**HAM-MW-24D**	Water	02/04/26 15:55	02/06/26 17:20
92842923009	**HAM-AP1-FD-01**	Water	02/05/26 00:00	02/06/26 17:20
92842923010	**HAM-AP1-EB-01**	Water	02/04/26 18:00	02/06/26 17:20
92842923011	**HAM-AP1-FB-01**	Water	02/04/26 17:55	02/06/26 17:20
92842923012	**HAM-HGWC-9**	Water	02/06/26 11:17	02/09/26 17:05
92842923013	**HAM-MW-20**	Water	02/06/26 12:57	02/09/26 17:05
92842923014	**HAM-MW-27D**	Water	02/06/26 11:45	02/09/26 17:05

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92842923001	**HAM-HGWC-7**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923002	**HAM-HGWC-8**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923003	**HAM-HGWC-10**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923004	**HAM-HGWC-11**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923005	**HAM-HGWC-12**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923006	**HAM-HGWC-13**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923007	**HAM-MW-19**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923008	**HAM-MW-24D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923009	**HAM-AP1-FD-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923010	**HAM-AP1-EB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923011	**HAM-AP1-FB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923012	**HAM-HGWC-9**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923013	**HAM-MW-20**	EPA 9315	SLC	1	PASI-PA

REPORT OF LABORATORY ANALYSIS

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

SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842923014	**HAM-MW-27D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842923001	**HAM-HGWC-7**					
EPA 9315	Radium-226	0.161U ± 0.197 (0.425) C:88% T:NA	pCi/L		02/24/26 08:22	
EPA 9320	Radium-228	0.156U ± 0.411 (0.918) C:71% T:80%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	0.317U ± 0.608 (1.34)	pCi/L		02/26/26 14:09	
92842923002	**HAM-HGWC-8**					
EPA 9315	Radium-226	0.204U ± 0.186 (0.374) C:96% T:NA	pCi/L		02/24/26 08:22	
EPA 9320	Radium-228	0.880U ± 0.536 (1.00) C:70% T:76%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	1.08U ± 0.722 (1.37)	pCi/L		02/26/26 14:09	
92842923003	**HAM-HGWC-10**					
EPA 9315	Radium-226	-0.0699U ± 0.0978 (0.318) C:85% T:NA	pCi/L		02/24/26 08:23	
EPA 9320	Radium-228	1.06 ± 0.523 (0.889) C:69% T:78%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	1.06U ± 0.621 (1.21)	pCi/L		02/26/26 14:09	
92842923004	**HAM-HGWC-11**					
EPA 9315	Radium-226	0.103U ± 0.170 (0.382) C:85% T:NA	pCi/L		02/24/26 08:23	
EPA 9320	Radium-228	0.587U ± 0.452 (0.891) C:77% T:82%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	0.690U ± 0.622 (1.27)	pCi/L		02/26/26 14:09	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SUMMARY OF DETECTION

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842923005	**HAM-HGWC-12**					
EPA 9315	Radium-226	0.117U ± 0.151 (0.321) C:80% T:NA	pCi/L		02/24/26 08:23	
EPA 9320	Radium-228	0.424U ± 0.423 (0.871) C:71% T:80%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	0.541U ± 0.574 (1.19)	pCi/L		02/26/26 14:09	
92842923006	**HAM-HGWC-13**					
EPA 9315	Radium-226	0.113U ± 0.143 (0.306) C:88% T:NA	pCi/L		02/24/26 08:23	
EPA 9320	Radium-228	-0.114U ± 0.393 (0.957) C:67% T:77%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	0.113U ± 0.536 (1.26)	pCi/L		02/26/26 14:09	
92842923007	**HAM-MW-19**					
EPA 9315	Radium-226	0.304U ± 0.201 (0.350) C:84% T:NA	pCi/L		02/24/26 08:23	
EPA 9320	Radium-228	0.479U ± 0.439 (0.887) C:70% T:77%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	0.783U ± 0.640 (1.24)	pCi/L		02/26/26 14:09	
92842923008	**HAM-MW-24D**					
EPA 9315	Radium-226	0.257U ± 0.209 (0.405) C:79% T:NA	pCi/L		02/24/26 08:23	
EPA 9320	Radium-228	0.269U ± 0.520 (1.14) C:72% T:74%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	0.526U ± 0.729 (1.55)	pCi/L		02/26/26 14:09	

REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842923009	**HAM-AP1-FD-01**					
EPA 9315	Radium-226	0.170U ± 0.201 (0.426) C:75% T:NA	pCi/L		02/24/26 08:23	
EPA 9320	Radium-228	0.106U ± 0.430 (0.976) C:75% T:80%	pCi/L		02/23/26 15:19	
Total Radium Calculation	Total Radium	0.276U ± 0.631 (1.40)	pCi/L		02/26/26 14:09	
92842923010	**HAM-AP1-EB-01**					
EPA 9315	Radium-226	-0.00487U ± 0.147 (0.383) C:81% T:NA	pCi/L		02/24/26 08:24	
EPA 9320	Radium-228	0.624U ± 0.416 (0.786) C:77% T:80%	pCi/L		02/23/26 15:20	
Total Radium Calculation	Total Radium	0.624U ± 0.563 (1.17)	pCi/L		02/26/26 14:09	
92842923011	**HAM-AP1-FB-01**					
EPA 9315	Radium-226	0.265U ± 0.185 (0.327) C:84% T:NA	pCi/L		02/24/26 08:24	
EPA 9320	Radium-228	0.0576U ± 0.315 (0.721) C:79% T:89%	pCi/L		02/23/26 15:20	
Total Radium Calculation	Total Radium	0.323U ± 0.500 (1.05)	pCi/L		02/26/26 14:09	
92842923012	**HAM-HGWC-9**					
EPA 9315	Radium-226	0.0530U ± 0.249 (0.617) C:93% T:NA	pCi/L		03/12/26 08:23	
EPA 9320	Radium-228	0.540U ± 0.388 (0.756) C:81% T:84%	pCi/L		03/11/26 12:35	
Total Radium Calculation	Total Radium	0.593U ± 0.637 (1.37)	pCi/L		03/13/26 15:59	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

SUMMARY OF DETECTION

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842923013	**HAM-MW-20**					
EPA 9315	Radium-226	0.0449U ± 0.299 (0.741) C:88% T:NA	pCi/L		03/12/26 08:23	
EPA 9320	Radium-228	0.326U ± 0.348 (0.722) C:78% T:84%	pCi/L		03/11/26 12:33	
Total Radium Calculation	Total Radium	0.371U ± 0.647 (1.46)	pCi/L		03/13/26 15:59	
92842923014	**HAM-MW-27D**					
EPA 9315	Radium-226	0.625U ± 0.403 (0.732) C:90% T:NA	pCi/L		03/12/26 09:38	
EPA 9320	Radium-228	0.308U ± 0.391 (0.830) C:77% T:90%	pCi/L		03/11/26 12:33	
Total Radium Calculation	Total Radium	0.933U ± 0.794 (1.56)	pCi/L		03/13/26 15:59	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-HGWC-7 **Lab ID: 92842923001** Collected: 02/05/26 14:47 Received: 02/06/26 17:20 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	**0.161U ± 0.197 (0.425) C:88% T:NA**	pCi/L	02/24/26 08:22	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.156U ± 0.411 (0.918) C:71% T:80%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.317U ± 0.608 (1.34)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-HGWC-8 **Lab ID: 92842923002** Collected: 02/05/26 16:19 Received: 02/06/26 17:20 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	**0.204U ± 0.186 (0.374) C:96% T:NA**	pCi/L	02/24/26 08:22	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.880U ± 0.536 (1.00) C:70% T:76%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.08U ± 0.722 (1.37)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-HGWC-10 **Lab ID: 92842923003** Collected: 02/05/26 16:33 Received: 02/06/26 17:20 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	**-0.0699U ± 0.0978 (0.318) C:85% T:NA**	pCi/L	02/24/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.06 ± 0.523 (0.889) C:69% T:78%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.06U ± 0.621 (1.21)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-HGWC-11 **Lab ID: 92842923004** Collected: 02/05/26 12:40 Received: 02/06/26 17:20 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	**0.103U ± 0.170 (0.382) C:85% T:NA**	pCi/L	02/24/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.587U ± 0.452 (0.891) C:77% T:82%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.690U ± 0.622 (1.27)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-HGWC-12 **Lab ID: 92842923005** Collected: 02/05/26 14:17 Received: 02/06/26 17:20 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	**0.117U ± 0.151 (0.321) C:80% T:NA**	pCi/L	02/24/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.424U ± 0.423 (0.871) C:71% T:80%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.541U ± 0.574 (1.19)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-HGWC-13 **Lab ID: 92842923006** Collected: 02/05/26 10:14 Received: 02/06/26 17:20 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	**0.113U ± 0.143 (0.306) C:88% T:NA**	pCi/L	02/24/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.114U ± 0.393 (0.957) C:67% T:77%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.113U ± 0.536 (1.26)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-MW-19 **Lab ID: 92842923007** Collected: 02/04/26 17:47 Received: 02/06/26 17:20 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	**0.304U ± 0.201 (0.350) C:84% T:NA**	pCi/L	02/24/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.479U ± 0.439 (0.887) C:70% T:77%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.783U ± 0.640 (1.24)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-MW-24D **Lab ID: 92842923008** Collected: 02/04/26 15:55 Received: 02/06/26 17:20 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	**0.257U ± 0.209 (0.405) C:79% T:NA**	pCi/L	02/24/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.269U ± 0.520 (1.14) C:72% T:74%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.526U ± 0.729 (1.55)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-AP1-FD-01 **Lab ID: 92842923009** Collected: 02/05/26 00:00 Received: 02/06/26 17:20 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	**0.170U ± 0.201 (0.426) C:75% T:NA**	pCi/L	02/24/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.106U ± 0.430 (0.976) C:75% T:80%**	pCi/L	02/23/26 15:19	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.276U ± 0.631 (1.40)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-AP1-EB-01 **Lab ID: 92842923010** Collected: 02/04/26 18:00 Received: 02/06/26 17:20 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	**-0.00487U ± 0.147 (0.383) C:81% T:NA**	pCi/L	02/24/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.624U ± 0.416 (0.786) C:77% T:80%**	pCi/L	02/23/26 15:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.624U ± 0.563 (1.17)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-AP1-FB-01 **Lab ID: 92842923011** Collected: 02/04/26 17:55 Received: 02/06/26 17:20 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 ± 0.185 (0.327) C:84% T:NA**	pCi/L	02/24/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0576U ± 0.315 (0.721) C:79% T:89%**	pCi/L	02/23/26 15:20	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.323U ± 0.500 (1.05)**	pCi/L	02/26/26 14:09	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-HGWC-9 **Lab ID: 92842923012** Collected: 02/06/26 11:17 Received: 02/09/26 17:05 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	**0.0530U ± 0.249 (0.617) C:93% T:NA**	pCi/L	03/12/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.540U ± 0.388 (0.756) C:81% T:84%**	pCi/L	03/11/26 12:35	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.593U ± 0.637 (1.37)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-MW-20 **Lab ID: 92842923013** Collected: 02/06/26 12:57 Received: 02/09/26 17:05 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	**0.0449U ± 0.299 (0.741) C:88% T:NA**	pCi/L	03/12/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.326U ± 0.348 (0.722) C:78% T:84%**	pCi/L	03/11/26 12:33	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.371U ± 0.647 (1.46)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Sample: HAM-MW-27D **Lab ID: 92842923014** Collected: 02/06/26 11:45 Received: 02/09/26 17:05 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	**0.625U ± 0.403 (0.732) C:90% T:NA**	pCi/L	03/12/26 09:38	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.308U ± 0.391 (0.830) C:77% T:90%**	pCi/L	03/11/26 12:33	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.933U ± 0.794 (1.56)**	pCi/L	03/13/26 15:59	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

QC Batch: 799529 Analysis Method: EPA 9320
QC Batch Method: EPA 9320 Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842923001, 92842923002, 92842923003, 92842923004, 92842923005, 92842923006, 92842923007, 92842923008, 92842923009, 92842923010, 92842923011

METHOD BLANK: 3901251 Matrix: Water
Associated Lab Samples: 92842923001, 92842923002, 92842923003, 92842923004, 92842923005, 92842923006, 92842923007, 92842923008, 92842923009, 92842923010, 92842923011

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.111 ± 0.328 (0.739) C:73% T:86%	pCi/L	02/23/26 15:20	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

QC Batch: 803445
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842923012, 92842923013, 92842923014

METHOD BLANK: 3921363 Matrix: Water
Associated Lab Samples: 92842923012, 92842923013, 92842923014

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.0946 ± 0.358 (0.814) C:71% T:88%	pCi/L	03/11/26 15:51	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

QC Batch: 799465 Analysis Method: EPA 9315
QC Batch Method: EPA 9315 Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842923001, 92842923002, 92842923003, 92842923004, 92842923005, 92842923006, 92842923007, 92842923008, 92842923009, 92842923010, 92842923011

METHOD BLANK: 3901105 Matrix: Water
Associated Lab Samples: 92842923001, 92842923002, 92842923003, 92842923004, 92842923005, 92842923006, 92842923007, 92842923008, 92842923009, 92842923010, 92842923011

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.114 ± 0.168 (0.372) C:85% T:NA	pCi/L	02/24/26 08:22	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

QC Batch: 803444
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842923012, 92842923013, 92842923014

METHOD BLANK: 3921360 Matrix: Water
Associated Lab Samples: 92842923012, 92842923013, 92842923014

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.0317 ± 0.313 (0.832) C:69% T:NA	pCi/L	03/12/26 08:22	

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QUALIFIERS

Project: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

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 (%)

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TNI - The NELAC Institute.

WORKORDER QUALIFIERS

WO: 92842923

[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: Plant Hammond- AP-1- RADs
Pace Project No.: 92842923

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842923001	**HAM-HGWC-7**	EPA 9315	799465		
92842923002	**HAM-HGWC-8**	EPA 9315	799465		
92842923003	**HAM-HGWC-10**	EPA 9315	799465		
92842923004	**HAM-HGWC-11**	EPA 9315	799465		
92842923005	**HAM-HGWC-12**	EPA 9315	799465		
92842923006	**HAM-HGWC-13**	EPA 9315	799465		
92842923007	**HAM-MW-19**	EPA 9315	799465		
92842923008	**HAM-MW-24D**	EPA 9315	799465		
92842923009	**HAM-AP1-FD-01**	EPA 9315	799465		
92842923010	**HAM-AP1-EB-01**	EPA 9315	799465		
92842923011	**HAM-AP1-FB-01**	EPA 9315	799465		
92842923012	**HAM-HGWC-9**	EPA 9315	803444		
92842923013	**HAM-MW-20**	EPA 9315	803444		
92842923014	**HAM-MW-27D**	EPA 9315	803444		
92842923001	**HAM-HGWC-7**	EPA 9320	799529		
92842923002	**HAM-HGWC-8**	EPA 9320	799529		
92842923003	**HAM-HGWC-10**	EPA 9320	799529		
92842923004	**HAM-HGWC-11**	EPA 9320	799529		
92842923005	**HAM-HGWC-12**	EPA 9320	799529		
92842923006	**HAM-HGWC-13**	EPA 9320	799529		
92842923007	**HAM-MW-19**	EPA 9320	799529		
92842923008	**HAM-MW-24D**	EPA 9320	799529		
92842923009	**HAM-AP1-FD-01**	EPA 9320	799529		
92842923010	**HAM-AP1-EB-01**	EPA 9320	799529		
92842923011	**HAM-AP1-FB-01**	EPA 9320	799529		
92842923012	**HAM-HGWC-9**	EPA 9320	803445		
92842923013	**HAM-MW-20**	EPA 9320	803445		
92842923014	**HAM-MW-27D**	EPA 9320	803445		
92842923001	**HAM-HGWC-7**	Total Radium Calculation	802245		
92842923002	**HAM-HGWC-8**	Total Radium Calculation	802245		
92842923003	**HAM-HGWC-10**	Total Radium Calculation	802245		
92842923004	**HAM-HGWC-11**	Total Radium Calculation	802245		
92842923005	**HAM-HGWC-12**	Total Radium Calculation	802245		
92842923006	**HAM-HGWC-13**	Total Radium Calculation	802245		
92842923007	**HAM-MW-19**	Total Radium Calculation	802245		
92842923008	**HAM-MW-24D**	Total Radium Calculation	802245		
92842923009	**HAM-AP1-FD-01**	Total Radium Calculation	802245		
92842923010	**HAM-AP1-EB-01**	Total Radium Calculation	802245		
92842923011	**HAM-AP1-FB-01**	Total Radium Calculation	802245		
92842923012	**HAM-HGWC-9**	Total Radium Calculation	805571		
92842923013	**HAM-MW-20**	Total Radium Calculation	805571		
92842923014	**HAM-MW-27D**	Total Radium Calculation	805571		

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without the written consent of Pace Analytical Services, LLC.

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 ☐ Athens ☐ ☐

Sample Condition Upon Receipt

WO# : 92842923

92842923

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: 2/9/26 CZH

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) 0.0

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	

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

WO# : 92842923

PM: BV Due Date: 03/02/26
CLIENT: 92- GP-HAM

Laboratory Receiving Location: Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐

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)	BOTTLE	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		1	1				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.

*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)	ISPIN	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)	DG9-40 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																									
2					2																									
3					2																									
4					2																									
5					2																									
6					2																									
7					2																									
8					2																									
9					2																									
10					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	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-(AP-1)-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)

**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	2540C Total Dissolved Solids	300.0-Cl, SO4, F	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-HGWC-7	WG	WT	Grab			2/5/2026	1447	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-8	WG	WT	Grab			2/5/2026	1619	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-10	WG	WT	Grab			2/5/2026	1633	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-11	WG	WT	Grab			2/5/2026	1240	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-12	WG	WT	Grab			2/5/2026	1417	5			X	X	X	X	Temp = 17 deg C
HAM-HGWC-13	WG	WT	Grab			2/5/2026	1014	5			X	X	X	X	Temp = 16 deg C
HAM-MW-19	WG	WT	Grab	ZW 2/5/2026		2/4/2026	1747	5			X	X	X	X	Temp = 17 deg C
HAM-MW-24D	WG	WT	Grab			2/4/2026	1555	5			X	X	X	X	Temp = 16 deg C
HAM-AP1-FD-01	WG	WT	Grab			2/5/2026	0000	4	ZW 2/5/2026		X	X	X		Temp = 17 deg C
HAM-AP1-EB-01	WQ	WT	Grab			2/4/2026	1800	4			X	X	X		Temp = 17 deg C

AT 2/10/26

Additional Instructions from Pace®:

Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

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:

Lab Use Only

Proj. Mgr: Bonnie Vang

AcctNum / Client ID:

Table #:

Profile / Template: 16483

Prelog / Bottle Ord. ID: EZ 3283395

Preservation non-conformance identified for sample

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Tracking Number:
Zain Webb / Geosyntec	2-6-26 1325	Ryan Williams / Pace	2/6/2026 1325	
Ryan Williams / Pace	2/6/2026 1720		2/6/26 1720	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 3

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® 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	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 Harmmond-(AP-1)-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 PWS.ID # 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	2540C Total Dissolved Solids	300.0-Cl, SO4, F	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-AP1-FB-01	WQ	Grab			2/4/2026	1755	4			X	X	X			Temp = 17 deg C
HAM-HGWC-7	WG	Grab			2/5/2026	1447	2							X	Temp = 17 deg C
HAM HGWC-8	WG	Grab			2/5/2026	1619	2							X	Temp = 17 deg C
HAM-HGWC-10	WG	Grab			2/5/2026	1633	2							X	Temp = 17 deg C
HAM-HGWC-11	WG	Grab			2/5/2026	1240	2							X	Temp = 17 deg C
HAM-HGWC-12	WG	Grab			2/5/2026	1417	2							X	Temp = 17 deg C
HAM-HGWC-13	WG	Grab	ZW 2/5/2026		2/5/2026	1014	2							X	Temp = 16 deg C
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HAM-AP1-FD-01	WG	Grab			2/5/2026	0000	2	ZW 2/5/2026						X	Temp = 17 deg C

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
Acct.Num / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3283395

Preservation non-conformance identified for sample

Additional Instructions from Pace®: AT 2/10/26

Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

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	2-6-26 1325	Ryan Williams / Pace	2/6/2026 1325
Ryan Williams / Pace	2/6/2026 1720	Charles Hales	2/6/26 1720

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® 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-(AP-1)-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***

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	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-AP1-EB-01	WQ	WT			2/4/2026	1800	2							X	Temp = 17 deg C
HAM-AP1-FB-01	WQ	WT	ZW 2/5/2026		2/4/2026	1755	2	ZW 2/5/2026						X	Temp = 17 deg C
		AT 2/10/26													
					ZW 2/5/2026										

**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 3283395**

Preservation non-conformance identified for sample:

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-2026S1. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

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:

	Date/Time	Received by/Company: (Signature)	Date/Time
Relinquished by/Company: (Signature) Zain Webb / Geosyntec	2-6-26 1325	Ryan Williams / Pace	2/6/2026 1325
Relinquished by/Company: (Signature) Ryan Williams / Pace	2/6/2026 1720	Received by/Company: (Signature)	Date/Time: 2/6/26 1720
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: 3 of 3

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 ©

Laboratory receiving samples:

Asheville ☐ Eden ☐ Greenwood ☐ Huntersville ☐ Raleigh ☐ Mechanicsville ☐ Atlanta ☑ Kernersville ☐

Sample Condition Upon Receipt

Client Name: GA Power

Project #: [redacted]

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: 2/10/26 (JL)

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:** _____

*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		2	1			2	2																							
3		2	1			2	2																							
4																														
5																														
6																														
7																														
8																														
9																														
10																														
11																														
12																														

pH Adjustment Log for Preserved Samples

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

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

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-(AP-1)-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)

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	APP III/IV Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-HGWC-9	WG	Grab			2/6/2026	1117	5			X	X	X	X		Temp = 17 deg C
HAM-MW-20	WG	Grab			2/6/2026	1257	5			X	X	X	X		Temp = 17 deg C
HAM-MW-27D	WG	Grab			2/6/2026	1145	5			X	X	X	X		Temp = 16 deg C
HAM-HGWC-9	WG	Grab	ZW 2/6/2026		2/6/2026	1117	2							X	Temp = 17 deg C
HAM-MW-20	WG	Grab			2/6/2026	1257	2							X	Temp = 17 deg C
HAM-MW-27D	WG	Grab			2/6/2026	1145	2	ZW 2/6/2026						X	Temp = 16 deg C
															Last sample.
					ZW 2/6/2026										

Specify Container Size **

Identify Container Preservative Type***

**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 3283395

Preservation non conformance identified for sample.

Additional Instructions from Pace®:
Task Code: HAM-CCR-ASSMT-202651. APP III/IV metals include B, Ca, Cl, F, SO4, TDS, Sb, As, Ba, Be, Cd, Cr, Co, F, Pb, Li, Hg, Mo, Se, Tl, Ra. Major Ions include Alk, Bicarb Alk, Mg, K, Na.

Collected By: (Printed Name) ZW Will, Alex Ulrich, Sam Weaver

Signature: ZW Will, Alex Ulrich, Sam Weaver

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:
Zan Will / Geo Syntec	2/9/26 1405	Ryan Williams / Pace	2/9/26 1405	
Ryan Williams / Pace	2/9/26 1705	Charles Hale 2/9/26	1705	Delivered by: [ ] In-Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	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

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Test:	Ra-228
Analyst:	JJS1
Date:	2/16/2026
Worklist:	89383
Matrix:	WT

Method Blank Assessment	
MB Sample ID	3901251
MB concentration:	0.111
M/B 2 Sigma CSU:	0.328
MB MDC:	0.739
MB Numerical Performance Indicator:	0.66
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89383	LCSD89383
Count Date:	2/23/2026	2/23/2026
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	29.660	29.660
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.820	0.816
Target Conc. (pCi/L, g, F):	3.619	3.636
Uncertainty (Calculated):	0.177	0.178
Result (pCi/L, g, F):	2.229	2.315
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.829	0.735
Numerical Performance Indicator:	-3.21	-3.42
Percent Recovery:	61.59%	63.67%
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.:	LCS89383	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD89383	
Sample Result (pCi/L, g, F):	2.229	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.829	
Sample Duplicate Result (pCi/L, g, F):	2.315	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.735	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.152	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	3.31%	
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:

2/24/26

2/24/26

Quality Control Sample Performance Assessment

Pace Analytical™ www.pacelabs.com

Test:	Ra-228
Analyst:	JJS1
Date:	3/9/2026
Worklist:	89731
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3921363
MB concentration:	0.095
M/B 2 Sigma CSU:	0.358
MB MDC:	0.814
MB Numerical Performance Indicator:	0.52
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89731	LCSD89731
Count Date:	3/11/2026	3/11/2026
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	29.503	29.503
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.819	0.819
Target Conc. (pCi/L, g, F):	3.601	3.604
Uncertainty (Calculated):	0.176	0.177
Result (pCi/L, g, F):	3.579	4.087
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.885	0.970
Numerical Performance Indicator:	-0.05	0.96
Percent Recovery:	99.39%	113.40%
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.:	LCS89731	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD89731	
Sample Result (pCi/L, g, F):	3.579	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.885	
Sample Duplicate Result (pCi/L, g, F):	4.087	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.970	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.758	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	13.17%	
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:

KM 3/12/26

VAL
3/13/26

Quality Control Sample Performance Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Test:	Ra-226
Analyst:	SLC
Date:	2/19/2026
Worklist:	89366
Matrix:	WT

Method Blank Assessment	
MB Sample ID	3901105
MB concentration:	0.114
M/B 2 Sigma CSU:	0.168
MB MDC:	0.372
MB Numerical Performance Indicator:	1.33
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89366	LCSD89366
Count Date:	2/25/2026	2/25/2026
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):	0.503	0.505
Target Conc. (pCi/L, g, F):	4.974	4.948
Uncertainty (Calculated):	0.234	0.233
Result (pCi/L, g, F):	5.531	5.649
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.989	1.026
Numerical Performance Indicator:	1.08	1.31
Percent Recovery:	111.21%	114.16%
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.:	LCS89366	92841936007
Duplicate Sample I.D.	LCSD89366	92841936007DUP
Sample Result (pCi/L, g, F):	5.531	0.639
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.989	0.246
Sample Duplicate Result (pCi/L, g, F):	5.649	0.640
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.026	0.245
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	-0.162	-0.004
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	2.62%	0.12%
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 2-26-26

VAM 2/26/26

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	3/11/2026
Worklist:	89730
Matrix:	W

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3921360
MB concentration:	-0.032
M/B 2 Sigma CSU:	0.313
MB MDC:	0.832
MB Numerical Performance Indicator:	-0.20
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS89730	LCSD89730
Count Date:	3/13/2026	3/13/2026
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):	0.506	0.501
Target Conc. (pCi/L, g, F):	4.941	4.987
Uncertainty (Calculated):	0.232	0.234
Result (pCi/L, g, F):	4.878	5.008
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.011	1.004
Numerical Performance Indicator:	-0.12	0.04
Percent Recovery:	98.74%	100.42%
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.:	LCS89730	30844465017
Duplicate Sample I.D.	LCSD89730	30844465017DUP
Sample Result (pCi/L, g, F):	4.878	-0.130
Sample Result 2 Sigma CSU (pCi/L, g, F):	1.011	0.203
Sample Duplicate Result (pCi/L, g, F):	5.008	0.255
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.004	0.240
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	-0.178	-2.401
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	1.69%	613.37%
Duplicate Status vs Numerical Indicator:	Pass	Warning
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 3-13-26

IAM 3/13/26

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

March 06, 2026

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

RE: Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory on 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 - West Columbia

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

Sincerely,

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

Enclosures

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

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CERTIFICATIONS

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

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

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92843697001	**HAM-PT-08**	Water	02/11/26 10:42	02/11/26 14:25
92843697002	**HAM-PT-09**	Water	02/10/26 09:27	02/11/26 14:25
92843697003	**HAM-MW-53**	Water	02/10/26 11:16	02/11/26 14:25
92843697004	**HAM-MW-54**	Water	02/10/26 16:53	02/11/26 14:25

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SAMPLE ANALYTE COUNT

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92843697001	**HAM-PT-08**	EPA 6020B	BW	1
92843697002	**HAM-PT-09**	EPA 6020B	BW	1
92843697003	**HAM-MW-53**	EPA 6020B	BW	1
92843697004	**HAM-MW-54**	EPA 6020B	BW	1

PASI-WC = Pace Analytical Services - West Columbia

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SUMMARY OF DETECTION

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843697001	**HAM-PT-08**					
EPA 6020B	Arsenic	0.088	mg/L	0.0020	02/27/26 21:46	
92843697002	**HAM-PT-09**					
EPA 6020B	Molybdenum	0.13	mg/L	0.010	02/27/26 21:55	
92843697003	**HAM-MW-53**					
EPA 6020B	Molybdenum	0.084	mg/L	0.010	02/27/26 22:04	
92843697004	**HAM-MW-54**					
EPA 6020B	Arsenic	0.033	mg/L	0.0020	02/27/26 22:13	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Sample: HAM-PT-08 **Lab ID: 92843697001** Collected: 02/11/26 10:42 Received: 02/11/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Arsenic	**0.088**	mg/L	0.0020	0.00041	1	02/16/26 11:52	02/27/26 21:46	7440-38-2	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Sample: HAM-PT-09 **Lab ID: 92843697002** Collected: 02/10/26 09:27 Received: 02/11/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Molybdenum	**0.13**	mg/L	0.010	0.0020	1	02/16/26 11:52	02/27/26 21:55	7439-98-7	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Sample: HAM-MW-53 **Lab ID: 92843697003** Collected: 02/10/26 11:16 Received: 02/11/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Molybdenum	**0.084**	mg/L	0.010	0.0020	1	02/16/26 11:52	02/27/26 22:04	7439-98-7	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Sample: HAM-MW-54 **Lab ID: 92843697004** Collected: 02/10/26 16:53 Received: 02/11/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Arsenic	**0.033**	mg/L	0.0020	0.00041	1	02/16/26 11:52	02/27/26 22:13	7440-38-2	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

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: 92843697001, 92843697002, 92843697003, 92843697004

METHOD BLANK: 5092370 Matrix: Water
Associated Lab Samples: 92843697001, 92843697002, 92843697003, 92843697004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Arsenic	mg/L	ND	0.0020	0.00041	02/27/26 19:27	
Molybdenum	mg/L	ND	0.010	0.0020	02/27/26 19:27	

LABORATORY CONTROL SAMPLE: 5092371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Arsenic	mg/L	0.1	0.087	87	80-120	
Molybdenum	mg/L	0.1	0.099	99	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
Arsenic	mg/L	ND	0.1	0.1	0.098	0.095	98	95	75-125	3	20	
Molybdenum	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	1	20	

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

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: 92843697

[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: Plant Hammond-AP-1 (ACM)
Pace Project No.: 92843697

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92843697001	**HAM-PT-08**	EPA 3005A	990678	EPA 6020B	994068
92843697002	**HAM-PT-09**	EPA 3005A	990678	EPA 6020B	994068
92843697003	**HAM-MW-53**	EPA 3005A	990678	EPA 6020B	994068
92843697004	**HAM-MW-54**	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# : 92843697

92843697

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: 2/11/26 CAF

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?	☑ 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#: 92843697

PM: BV Due Date: 02/26/26

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-25C 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-(AP-1) ACM	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 [ ] 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

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	6020 - Arsenic	6020 - Molybdenum	Sample Comment
HAM-PT-08	WG	Grab			2/11/2026	1042	1			X		Temp = 18 deg C
HAM-PT-09	WG	Grab			2/10/2026	0927	1				X	Temp = 17 deg C
HAM-MW-53	WG	Grab			2/10/2026	1116	1				X	Temp = 20 deg C
HAM-MW-54	WG	Grab	ZW 2/11/2026		2/10/2026	1653	1	ZW 2/11/2026		X		Temp = 20 deg C
												Last sample.
					ZW 2/11/2026							

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283450

Preservation non-conformance identified for sample

Additional Instructions from Pace®
Task Code: HAM-CCR-CA-202602

Collected By: Sam Weatherly, Zain Webb
(Printed Name)

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:	Tracking Number:
Sweatherly / Georgia Po	2/11/2026 15:35	Ryan Williams / Pace	2/11/2026 1335	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In-Person [ ] Courier
Ryan Williams / Pace	2/11/2026 1425	[signature]	2/11/26 1425	[ ] 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 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

LABORATORY ANALYTICAL RESULTS (SURFACE WATER)

Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

February 11, 2026

Priya Rachel Johnson
ARCADIS US, Inc. - Atlanta
2839 Paces Ferry Rd
Suite 900
Atlanta, GA 30339

RE: Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

Dear Priya Johnson:

Enclosed are the analytical results for sample(s) received by the laboratory on February 03, 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,

Maiya Parks
maiya.parks@pacelabs.com
770-734-4205
Project Manager

Enclosures

cc: Jordan Gamble, ARCADIS US, Inc. - Atlanta
Ben Hodges, Southern Company
Christine Hug, Geosyntec Consultants, Inc.
Laura Midkiff, Southern Company
Caroline Nelson, Geosyntec Consultants, Inc
Noelia Muskus Ruiz, Georgia Power
Tina Sullivan, ERM

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CERTIFICATIONS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

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: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92841741001	**HAM-H+0.25**	Water	02/02/26 11:02	02/03/26 09:52

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92841741001	**HAM-H+0.25**	SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 9056A	JCM	3	PASI-A
		EPA 6020B	BW, CBP	7	PASI-WC

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

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ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

Sample: HAM-H+0.25 **Lab ID: 92841741001** Collected: 02/02/26 11:02 Received: 02/03/26 09:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021							
	Pace Analytical Services - Asheville							
Alkalinity,Bicarbonate (CaCO3)	**62.6**	mg/L	5.0	1		02/05/26 18:27		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 18:27		
Alkalinity, Total as CaCO3	**62.6**	mg/L	5.0	1		02/05/26 18:27		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**104**	mg/L	25.0	1		02/04/26 18:03		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**8.6**	mg/L	1.0	1		02/04/26 12:04	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 12:04	16984-48-8	
Sulfate	**11.4**	mg/L	1.0	1		02/04/26 12:04	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A							
	Pace Analytical Services - West Columbia							
Boron	**0.073**	mg/L	0.040	1	02/04/26 13:01	02/06/26 16:43	7440-42-8	
Calcium	**20.0**	mg/L	0.40	1	02/04/26 13:01	02/09/26 15:03	7440-70-2	
Cobalt	ND	mg/L	0.0050	1	02/04/26 13:01	02/06/26 16:43	7440-48-4	
Magnesium	**5.1**	mg/L	0.050	1	02/04/26 13:01	02/06/26 16:43	7439-95-4	
Molybdenum	ND	mg/L	0.010	1	02/04/26 13:01	02/06/26 16:43	7439-98-7	
Potassium	**2.2**	mg/L	0.40	1	02/04/26 13:01	02/06/26 16:43	7440-09-7	
Sodium	**8.3**	mg/L	0.40	1	02/04/26 13:01	02/06/26 16:43	7440-23-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

QC Batch: 988870
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92841741001

METHOD BLANK: 5082268 Matrix: Water
Associated Lab Samples: 92841741001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	02/05/26 16:55	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	02/05/26 16:55	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	02/05/26 16:55	

LABORATORY CONTROL SAMPLE: 5082269

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

LABORATORY CONTROL SAMPLE: 5082270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.3	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5082271 5082272

Parameter	Units	92841291002 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	147	50	50	200	194	106	94	80-120	3	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5082273 5082274

Parameter	Units	92841371001 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	28.7	50	50	78.8	78.5	100	99	80-120	0	25	

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

QC Batch: 988541
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: 92841741001

METHOD BLANK: 5080751 Matrix: Water
Associated Lab Samples: 92841741001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	02/04/26 18:01	

LABORATORY CONTROL SAMPLE: 5080752

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	242	97	90-110	

SAMPLE DUPLICATE: 5080753

Parameter	Units	92841328012 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	515	512	1	25	

SAMPLE DUPLICATE: 5080754

Parameter	Units	92841736005 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

QC Batch: 988544
QC Batch Method: EPA 9056A
Analysis Method: EPA 9056A
Analysis Description: 9056 IC anions 28 Days
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92841741001

METHOD BLANK: 5080759 Matrix: Water
Associated Lab Samples: 92841741001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	02/04/26 11:16	
Fluoride	mg/L	ND	0.10	02/04/26 11:16	
Sulfate	mg/L	ND	1.0	02/04/26 11:16	

LABORATORY CONTROL SAMPLE: 5080760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.7	101	90-110	
Fluoride	mg/L	2.5	2.5	100	90-110	
Sulfate	mg/L	50	50.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5080761 5080762

Parameter	Units	92841741001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	8.6	50	50	56.3	57.2	96	97	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.3	2.4	90	92	90-110	3	10	
Sulfate	mg/L	11.4	50	50	59.5	60.4	96	98	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5080763 5080764

Parameter	Units	92841744002 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	51.8	52.8	100	102	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.5	94	96	90-110	3	10	
Sulfate	mg/L	11.1	50	50	61.5	62.4	101	103	90-110	1	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.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

QC Batch: 988592
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92841741001

METHOD BLANK: 5080945 Matrix: Water
Associated Lab Samples: 92841741001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Boron	mg/L	ND	0.040	02/06/26 14:52	
Calcium	mg/L	ND	0.40	02/06/26 14:52	
Cobalt	mg/L	ND	0.0050	02/06/26 14:52	
Magnesium	mg/L	ND	0.050	02/06/26 14:52	
Molybdenum	mg/L	ND	0.010	02/06/26 14:52	
Potassium	mg/L	ND	0.40	02/06/26 14:52	
Sodium	mg/L	ND	0.40	02/06/26 14:52	

LABORATORY CONTROL SAMPLE: 5080946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron	mg/L	0.1	0.092	92	80-120	
Calcium	mg/L	1	1.1	109	80-120	
Cobalt	mg/L	0.1	0.11	106	80-120	
Magnesium	mg/L	1	1.0	101	80-120	
Molybdenum	mg/L	0.1	0.091	91	80-120	
Potassium	mg/L	1	1.0	100	80-120	
Sodium	mg/L	1	1.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5080947 5080948

Parameter	Units	92841683002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron	mg/L	54.9 ug/L	0.1	0.1	0.15	0.14	93	88	75-125	4	20	
Calcium	mg/L	148000 ug/L	1	1	149	148	126	52	75-125	0	20	M1
Cobalt	mg/L	6.8 ug/L	0.1	0.1	0.11	0.10	101	98	75-125	3	20	
Magnesium	mg/L	151000 ug/L	1	1	151	147	70	-373	75-125	3	20	M1
Molybdenum	mg/L	ND	0.1	0.1	0.10	0.10	101	100	75-125	1	20	
Potassium	mg/L	2850 ug/L	1	1	4.0	3.9	115	106	75-125	2	20	
Sodium	mg/L	51800 ug/L	1	1	53.6	52.0	179	18	75-125	3	20	M1

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

REPORT OF LABORATORY ANALYSIS

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110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALIFIERS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

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Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841741

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92841741001	**HAM-H+0.25**	SM 2320B-2021	988870		
92841741001	**HAM-H+0.25**	SM 2540C-2020	988541		
92841741001	**HAM-H+0.25**	EPA 9056A	988544		
92841741001	**HAM-H+0.25**	EPA 3005A	988592	EPA 6020B	989480

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Pace® Location Requested (City/State):
Pace Analytical Peachtree Corners
110 Technology Pkwy, Peachtree Corners, GA 30092

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

LAB USE ONLY

WO# : 92841741

92841741

Company Name:	ARCADIS US, Inc. - Atlanta	Contact/Report To:	Priya Johnson
Street Address:	2839 Paces Ferry Rd STE 900 Atlanta, GA 30339	Phone #:	(618)790-6528
		E-Mail:	priya.johnson@arcadis.com
		Cc E-Mail:	Arcadis-Atl + GA Power Distribution List
Customer Project #:			
Project Name:	Plant Hammond/CCR-Ash Pond Closure	Invoice To:	Accounts Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	AP-1/AP-2	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: 5 Day TAT

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. IV Metals - Co, Mo only	App. III Metals - B, Ca	Metals - K, Mg, Na	Alkalinity (Total/Bicarb), Cl, F, SO4	TDS	Sample Comment
HAM-H+0.25	WS	G	02/02/26	1102			3			X	X	X	X	X	

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: **Maiya Parks**
AcctNum / Client ID:
Table #:
Profile / Template: **12590**
Prelog / Bottle Ord. ID: **EZ 3361122**

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
HAM-CSURF-ASSMT-202651

Collected By:
(Printed Name) Grayett G.
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:
Arcadis	02/03/26/0952		2/3/26 0952	
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Page: 1 of 1

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WO#: 92841741

PM: MP Due Date: 02/10/26

CLIENT: GA-ArcadAtl

*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 Arcadis Profile/EZ (Circle one) 33612 Notes

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

pH Adjustment Log for Preserved Samples

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

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

Pace ANALYTICAL SERVICES

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: Arcadis

Project #:

WO#: 92841741

PM: MP Due Date: 02/10/26

CLIENT: GA-ArcadAtl

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: 2/3/26 LMH

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: 4.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 4.8

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:** _____

Pace Analytical Services, LLC
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(770)734-4200

February 11, 2026

Priya Rachel Johnson
ARCADIS US, Inc. - Atlanta
2839 Paces Ferry Rd
Suite 900
Atlanta, GA 30339

RE: Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

Dear Priya Johnson:

Enclosed are the analytical results for sample(s) received by the laboratory on February 03, 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,

Maiya Parks
maiya.parks@pacelabs.com
770-734-4205
Project Manager

Enclosures

cc: Jordan Gamble, ARCADIS US, Inc. - Atlanta
Ben Hodges, Southern Company
Christine Hug, Geosyntec Consultants, Inc.
Laura Midkiff, Southern Company
Caroline Nelson, Geosyntec Consultants, Inc
Noelia Muskus Ruiz, Georgia Power
Tina Sullivan, ERM

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CERTIFICATIONS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

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: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92841744001	**HAM-H-SCC-NBR**	Water	02/02/26 12:59	02/03/26 09:52
92841744002	**HAM-H-SCC**	Water	02/02/26 11:18	02/03/26 09:52

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SAMPLE ANALYTE COUNT

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92841744001	**HAM-H-SCC-NBR**	SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 9056A	JCM	3	PASI-A
		EPA 6020B	BW, CBP	6	PASI-WC
92841744002	**HAM-H-SCC**	SM 2320B-2021	SMS	3	PASI-A
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 9056A	JCM	3	PASI-A
		EPA 6020B	BW, CBP	6	PASI-WC

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

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ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

Sample: HAM-H-SCC-NBR **Lab ID: 92841744001** Collected: 02/02/26 12:59 Received: 02/03/26 09:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021							
	Pace Analytical Services - Asheville							
Alkalinity,Bicarbonate (CaCO3)	**65.6**	mg/L	5.0	1		02/05/26 19:08		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 19:08		
Alkalinity, Total as CaCO3	**65.6**	mg/L	5.0	1		02/05/26 19:08		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**92.0**	mg/L	25.0	1		02/06/26 16:17		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**1.9**	mg/L	1.0	1		02/04/26 14:43	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 14:43	16984-48-8	
Sulfate	**11.8**	mg/L	1.0	1		02/04/26 14:43	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A							
	Pace Analytical Services - West Columbia							
Boron	**0.054**	mg/L	0.040	1	02/04/26 13:01	02/06/26 17:39	7440-42-8	
Calcium	**24.9**	mg/L	0.40	1	02/04/26 13:01	02/09/26 15:58	7440-70-2	
Magnesium	**3.9**	mg/L	0.050	1	02/04/26 13:01	02/06/26 17:39	7439-95-4	
Molybdenum	ND	mg/L	0.010	1	02/04/26 13:01	02/06/26 17:39	7439-98-7	
Potassium	**0.94**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:39	7440-09-7	
Sodium	**2.2**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:39	7440-23-5	

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ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

Sample: HAM-H-SCC **Lab ID: 92841744002** Collected: 02/02/26 11:18 Received: 02/03/26 09:52 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021							
	Pace Analytical Services - Asheville							
Alkalinity,Bicarbonate (CaCO3)	**65.2**	mg/L	5.0	1		02/05/26 19:15		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 19:15		
Alkalinity, Total as CaCO3	**65.2**	mg/L	5.0	1		02/05/26 19:15		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**100**	mg/L	25.0	1		02/06/26 16:17		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**1.9**	mg/L	1.0	1		02/04/26 14:59	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 14:59	16984-48-8	
Sulfate	**11.1**	mg/L	1.0	1		02/04/26 14:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A							
	Pace Analytical Services - West Columbia							
Boron	**0.058**	mg/L	0.040	1	02/04/26 13:01	02/06/26 17:48	7440-42-8	
Calcium	**24.6**	mg/L	0.40	1	02/04/26 13:01	02/09/26 16:07	7440-70-2	
Magnesium	**3.8**	mg/L	0.050	1	02/04/26 13:01	02/06/26 17:48	7439-95-4	
Molybdenum	ND	mg/L	0.010	1	02/04/26 13:01	02/06/26 17:48	7439-98-7	
Potassium	**1.0**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:48	7440-09-7	
Sodium	**2.4**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:48	7440-23-5	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

QC Batch: 988870
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92841744001, 92841744002

METHOD BLANK: 5082268 Matrix: Water
Associated Lab Samples: 92841744001, 92841744002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	02/05/26 16:55	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	02/05/26 16:55	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	02/05/26 16:55	

LABORATORY CONTROL SAMPLE: 5082269

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

LABORATORY CONTROL SAMPLE: 5082270

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.3	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5082271 5082272

Parameter	Units	92841291002 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	147	50	50	200	194	106	94	80-120	3	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5082273 5082274

Parameter	Units	92841371001 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	28.7	50	50	78.8	78.5	100	99	80-120	0	25	

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

QC Batch: 989088
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: 92841744001, 92841744002

METHOD BLANK: 5083585 Matrix: Water
Associated Lab Samples: 92841744001, 92841744002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	02/06/26 16:17	

LABORATORY CONTROL SAMPLE: 5083586

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	256	102	90-110	

SAMPLE DUPLICATE: 5083587

Parameter	Units	92841744001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	92.0	97.0	5	25	

SAMPLE DUPLICATE: 5083588

Parameter	Units	92841933003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

QC Batch: 988544
QC Batch Method: EPA 9056A
Analysis Method: EPA 9056A
Analysis Description: 9056 IC anions 28 Days
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92841744001, 92841744002

METHOD BLANK: 5080759 Matrix: Water
Associated Lab Samples: 92841744001, 92841744002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	02/04/26 11:16	
Fluoride	mg/L	ND	0.10	02/04/26 11:16	
Sulfate	mg/L	ND	1.0	02/04/26 11:16	

LABORATORY CONTROL SAMPLE: 5080760

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.7	101	90-110	
Fluoride	mg/L	2.5	2.5	100	90-110	
Sulfate	mg/L	50	50.5	101	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5080761 5080762

Parameter	Units	92841741001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	8.6	50	50	56.3	57.2	96	97	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.3	2.4	90	92	90-110	3	10	
Sulfate	mg/L	11.4	50	50	59.5	60.4	96	98	90-110	2	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5080763 5080764

Parameter	Units	92841744002 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	51.8	52.8	100	102	90-110	2	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.5	94	96	90-110	3	10	
Sulfate	mg/L	11.1	50	50	61.5	62.4	101	103	90-110	1	10	

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

QC Batch: 988592
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92841744001, 92841744002

METHOD BLANK: 5080945 Matrix: Water
Associated Lab Samples: 92841744001, 92841744002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Boron	mg/L	ND	0.040	02/06/26 14:52	
Calcium	mg/L	ND	0.40	02/06/26 14:52	
Magnesium	mg/L	ND	0.050	02/06/26 14:52	
Molybdenum	mg/L	ND	0.010	02/06/26 14:52	
Potassium	mg/L	ND	0.40	02/06/26 14:52	
Sodium	mg/L	ND	0.40	02/06/26 14:52	

LABORATORY CONTROL SAMPLE: 5080946

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Boron	mg/L	0.1	0.092	92	80-120	
Calcium	mg/L	1	1.1	109	80-120	
Magnesium	mg/L	1	1.0	101	80-120	
Molybdenum	mg/L	0.1	0.091	91	80-120	
Potassium	mg/L	1	1.0	100	80-120	
Sodium	mg/L	1	1.0	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5080947 5080948

Parameter	Units	92841683002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Boron	mg/L	54.9 ug/L	0.1	0.1	0.15	0.14	93	88	75-125	4	20	
Calcium	mg/L	148000 ug/L	1	1	149	148	126	52	75-125	0	20	M1
Magnesium	mg/L	151000 ug/L	1	1	151	147	70	-373	75-125	3	20	M1
Molybdenum	mg/L	ND	0.1	0.1	0.10	0.10	101	100	75-125	1	20	
Potassium	mg/L	2850 ug/L	1	1	4.0	3.9	115	106	75-125	2	20	
Sodium	mg/L	51800 ug/L	1	1	53.6	52.0	179	18	75-125	3	20	M1

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QUALIFIERS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

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Pace Analytical Services, LLC
110 Technology Parkway
Peachtree Corners, GA 30092
(770)734-4200

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841744

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92841744001	**HAM-H-SCC-NBR**	SM 2320B-2021	988870		
92841744002	**HAM-H-SCC**	SM 2320B-2021	988870		
92841744001	**HAM-H-SCC-NBR**	SM 2540C-2020	989088		
92841744002	**HAM-H-SCC**	SM 2540C-2020	989088		
92841744001	**HAM-H-SCC-NBR**	EPA 9056A	988544		
92841744002	**HAM-H-SCC**	EPA 9056A	988544		
92841744001	**HAM-H-SCC-NBR**	EPA 3005A	988592	EPA 6020B	989480
92841744002	**HAM-H-SCC**	EPA 3005A	988592	EPA 6020B	989480

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Pace® Location Requested (City/State):
Pace Analytical Peachtree Corners
110 Technology Pkwy, Peachtree Corners, GA 30092

CHAIN-OF-CUSTODY Analytical Request Document

Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

WO# : 92841744

92841744

Company Name:	ARCADIS US, Inc. - Atlanta	Contact/Report To:	Priya Johnson
Street Address:	2839 Paces Ferry Rd STE 900 Atlanta, GA 30339	Phone #:	(618)790-6528
		E-Mail:	priya.johnson@arcadis.com
		Cc E-Mail:	Arcadis-Atl + GA Power Distribution List
Customer Project #:			
Project Name:	Plant Hammond/CCR-Ash Pond Closure	Invoice To:	Accounts Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):	AP-1	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: 5 Day TAT

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. IV Metals - Mo only	App. III Metals - B, Ca	Metals - K, Mg, Na	Alkalinity (Total/Bicarb), Cl, F, SO4	TDS	Sample Comment
HAM-H-SCC-NBR	WS	G	02/02/26	1259			3			X	X	X	X	X	
HAM-H-SCC	WS	G	02/02/26	1118			3			X	X	X	X	X	

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: Maiya Parks

AcctNum / Client ID:

Table #:

Profile / Template: 12590

Prelog / Bottle Ord. ID: EZ 3361122

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:
HAM-CSURF-ASSMT-202651

Collected By:
(Printed Name) Garrett Gr
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) Arcadis	Date/Time: 02/03/26 0952	Received by/Company: (Signature)	Date/Time: 2/3/26 0952	Tracking Number:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	Delivered by: [ ] In- Person [ ] Courier
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	[ ] FedEX [ ] UPS [ ] Other
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:	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/

*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#: 92841744
PM: MP Due Date: 02/10/26
CLIENT: GA-ArcadAtl

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

Client Arcadis Profile/EZ (Circle one) 33612 2 Notes

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

Project #:

WO#: 92841744

PM: MP Due Date: 02/10/26

CLIENT: GA-ArcadAtl

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: 2/3/26 LMT

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: 4.8 **Correction Factor:** Add/Subtract (°C) 0.0

Cooler Temp Corrected (°C): 4.8

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:** _____

VALIDATION REPORTS

Geosyntec consultants

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

Memorandum

Date:	5 June 2026
To:	Caroline Nelson
From:	Derek Yeadon
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92842470**

SITE: Plant Hammond Pooled Upgradient

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of five water samples, one field duplicate, one field blank, and one equipment blank, collected on 3 February 2026, as part of the Plant Hammond Pooled Upgradient on-site sampling event.

The anions and total dissolved solids analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). The metals and mercury analyses were performed by Pace Analytical Services, Inc., West Columbia, South Carolina (Pace West Columbia). The metals analyses were performed by Pace Analytical Services, Inc., Mount Juliet, Tennessee (Pace National). The anions, alkalinity, and total dissolved solids (TDS) analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). 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
- 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
92842470001	HAM-HGWA-1
92842470002	HAM-HGWA-2
92842470003	HAM-HGWA-3
92842470004	HAM-HGWA-43D

Laboratory IDs	Client IDs
92842470005	HAM-HGWA-44D
92842470006	HAM-UGRD-FD-01
92842470007	HAM-UGRD-EB-01
92842470008	HAM-UGRD-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.

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 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

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).

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 controls 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-UGRD-FB-01, was collected with the sample set. Metals were not detected in the field blank at or above the MDLs, with the following exceptions.

Chromium (0.00026 mg/L) was detected at an estimated concentration greater than the MDL and less than the reporting limit (RL) in the field blank. Therefore, the estimated chromium results in samples HAM-HGWA-2, HAM-HGWA-44D, and HAM-UGRD-FD-01 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-HGWA-2	Chromium	0.00051	J	0.0050	U	BF1
HAM-HGWA-44D	Chromium	0.00047	J	0.0050	U	BF1
HAM-UGRD-FD-01	Chromium	0.00054	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
* 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

1.7 Field Duplicate

One field duplicate, HAM-UGRD-FD-01, was collected with the sample set. Acceptable precision (relative percent difference [RPD] ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWA-44D.

1.8 Equipment Blank

One equipment blank, HAM-UGRD-EB-01, was collected with the sample set. Metals were not detected in the equipment blank 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 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 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). One batch MS/MSD pair was 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-UGRD-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-UGRD-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWA-44D.

2.8 Equipment Blank

One equipment blank, HAM-UGRD-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, 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 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 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.

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 alkalinity using samples HAM-HGWA-3 and HAM-HGWA-43D. A sample set specific MS/MSD pair was reported for anions using sample HAM-HGWA-1. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The alkalinity recoveries were low and outside the laboratory specified acceptance criteria in the MS/MSD pair using sample HAM-HGWA-3. Therefore, the alkalinity result for sample HAM-HGWA-3 was J- qualified as estimated with low bias.

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.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-HGWA-3	Alkalinity Total as $CaCO^3$	224	M1	224	J-	MS1
HAM-HGWA-3	Bicarbonate Alkalinity as $CaCO^3$	224	M1	224	J-	MS1

mg/L- milligram per liter
M1-Matrix spike recovery exceeded quality control limits
* 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

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

A sample set specific laboratory duplicate was reported for anions using sample HAM-UGRD-EB-01. 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-UGRD-FB-01, was 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

One field duplicate, HAM-UGRD-FD-01, was collected with the sample set. Acceptable precision (RPD $\leq$ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWA-44D.

3.9 Equipment Blank

One equipment blank, HAM-UGRD-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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* * * * *

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.

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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:	21 July 2026
To:	Kristen Jurinko
From:	Ashley Wilson
CC:	Kristoffer Henderson
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Analytical Services, LLC Project Number 92842485**

SITE: Plant Hammond Upgradient

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of five water samples, one field duplicate, one field blank, and one equipment blank, collected on 3 February 2026, as part of the Plant Hammond Pooled Upgradient 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 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
92842485001	HAM-HGWA-1
92842485002	HAM-HGWA-2
92842485003	HAM-HGWA-3
92842485004	HAM-HGWA-43D

Laboratory IDs	Client IDs
92842485005	HAM-HGWA-44D
92842485006	HAM-UGRD-FD-01
92842485007	HAM-UGRD-EB-01
92842485008	HAM-UGRD-FB-01

The samples were received within 0-6 degrees Celsius (ºC). No sample preservation issues were noted by the laboratory.

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-HGWA-1 and HAM-UGRD-FB-01. 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-HGWA-1 and HAM-UGRD-FB-01 were UJ qualified as qualified as not statistically distinguishable from the blank.

The radium-226 result for HAM-UGRD-EB-01 was more negative than 2σ uncertainty. Therefore, the radium-226 and total radium results for HAM-UGRD-EB-01 were UJ qualified as estimated less than the MDC.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
HAM-HGWA-1	Combined Radium 226 + 228	1.02	U	1.02	UJ	RO1|BC1
HAM-UGRD-FB-01	Combined Radium 226 + 228	1.08	U	1.08	UJ	RO1|BC1
HAM-UGRD-EB-01	Radium-226	-0.193	U	-0.193	UJ	RO1
HAM-UGRD-EB-01	Combined Radium 226 + 228	0.405	U	0.405	UJ	RO1

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 (0.934 picocuries per liter [pCi/L]) was detected in the method blank in batch 799528 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference less than 2 in samples HAM-HGWA-1 and HAM-UGRD-FB-01 were UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for samples HAM-HGWA-1 and HAM-UGRD-FB-01 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-HGWA-1	Radium-228	1.02	NA	1.02	UJ	BC1
HAM-HGWA-1	Combined Radium 226 + 228	1.02	U	1.02	UJ	RO1|BL2
HAM-UGRD-FB-01	Radium-228	1.03	NA	1.03	UJ	BC1
HAM-UGRD-FB-01	Combined Radium 226 + 228	1.08	U	1.08	UJ	RO1|BL2

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 control samples (LCSs) were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). LCS/laboratory control sample duplicate (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

One sample set specific laboratory duplicate was reported with the sample using sample HAM-UGRD-FD-01. 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.

A batch laboratory duplicate was 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-UGRD-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 blanks at or above the measured 2σ uncertainty or the MDC, with the following exception.

Radium-228 (1.03 pCi/L) was detected in HAM-UGRD-FB-01 at a concentration greater than the MDC. Since the radium-228 concentration in HAM-UGRD-FB-01 was UJ qualified due to method blank contamination, no additional qualifications were applied to the data.

1.9 Equipment Blank

One equipment blank, HAM-UGRD-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 blanks at or above the measured 2σ uncertainty or the MDC, with the following exception.

Radium-228 (0.405 pCi/L) was detected in HAM-UGRD-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, HAM-UGRD-FD-01, was collected with the sample set. Acceptable precision (MD ≤ 3, RPD < 20%) was demonstrated between the field duplicate and the original sample, HAM-HGWA-44D.

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:	4 June 2026
To:	Kristen Jurinko
From:	Ashley Wilson
CC:	Kristoffer Henderson, Colleen Small
Subject:	**Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92842919**

SITE: Plant Hammond AP-1

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eleven water samples, one field duplicate, one field blank, and one equipment blank, collected 4-6 February 2026, as part of the Plant Hammond AP-1 on-site sampling event.

The anions, alkalinity, and TDS analyses were performed by Pace Analytical Services, Inc., Asheville, North Carolina (Pace Asheville). . The metals and mercury analyses were performed by Pace Analytical Services, Inc., West Columbia, South Carolina (Pace West Columbia). The metals analyses for lithium 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
- 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.

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
92842919001	HAM-HGWC-7
92842919002	HAM-HGWC-8
92842919003	HAM-HGWC-10
92842919004	HAM-HGWC-11
92842919005	HAM-HGWC-12
92842919006	HAM-HGWC-13
92842919007	HAM-MW-24D

Laboratory IDs	Client IDs
92842919008	HAM-AP1-FD-01
92842919009	HAM-AP1-EB-01
92842919010	HAM-AP1-FB-01
92842919011	HAM-MW-19
92842919012	HAM-HGWC-9
92842919013	HAM-MW-20
92842919014	HAM-MW-27D

The laboratory reported results for the analytical method(s) requested for each sample on the chains of custody (COCs). Additional radiochemistry analyses were requested on the COC and reported in project number 92842923.

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 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

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%.

1.1.1 Analysis Anomaly

The continuing calibration verification (CCV) for thallium in batch 990068, associated with samples HAM-HGWC-9, HAM-MW-20, and HAM-MW-27D, was high and outside of laboratory specified acceptance criteria. Since thallium was not detected in samples HAM-HGWC-9, HAM-MW-20, and HAM-MW-27D, 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). Method blanks were reported for each batch. Metals were not detected in the method blanks at or above the method detection limits (MDLs).

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

MS/MSDs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). One sample set specific MS/MSD pair was reported for lithium, using sample HAM-HGWC-7. The recovery and relative percent difference (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.

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). The recovery results were within the laboratory specified acceptance criteria.

1.6 Field Blank

One field blank, HAM-AP1-FB-01, was collected with the sample set. Metals were not detected in the field 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 reporting limit (RL) in field blank, HAM-AP1-FB-01. Therefore, the estimated concentrations of chromium in the associated samples were U qualified as not detected at the RL.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-HGWC-11	Chromium	0.00031	J	0.0050	U	BEL
HAM-HGWC-7	Chromium	0.00025	J	0.0050	U	BEL
HAM-HGWC-9	Chromium	0.00059	J	0.0050	U	BEL
HAM-MW-20	Chromium	0.00024	J	0.0050	U	BEL
HAM-MW-24D	Chromium	0.00031	J	0.0050	U	BEL
HAM-MW-27D	Chromium	0.00035	J	0.0050	U	BEL

mg/L: Milligrams per liter
J: The result is less than the reporting limit, but greater than or equal to the method detection limit, and the concentration is an approximate value
*: Validation qualifiers are defined in Attachment 1 at the end of this report
**: Reason codes are defined in Attachment 2 at the end of this report

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

One field duplicate, HAM-AP1-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWC-13.

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

One equipment blank, HAM-AP1-EB-01, was collected with the sample set. Metals were not detected in the equipment blank 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 equipment blank.

1.9 Sensitivity

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

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 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

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). Method blanks were reported for each batch. Mercury was not detected in the method blanks at or above the MDL.

2.4 Matrix Spike/Matrix Spike Duplicate

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-AP1-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-AP1-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWC-13.

2.8 Equipment Blank

One equipment blank, HAM-AP1-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.

3.0 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 Times
- ✓ Method Blank
- ⊗ Matrix Spike/Matrix Spike Duplicate
- ✓ Laboratory Control Sample
- ✓ Laboratory Duplicate
- ✓ Field Blank
- ✓ Field Duplicate
- ✓ Equipment Blank
- ✓ Sensitivity

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 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.

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). Method blanks were reported for each batch. 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). One sample set specific MS/MSD pair was reported for anions, using sample HAM-HGWC-9. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The chloride and sulfate recoveries in the MS/MSD pair using sample HAM-HGWC-9 were low and outside the laboratory specified acceptance criteria. Therefore, the chloride and sulfate concentrations in sample HAM-HGWC-9 were J- qualified as estimated with low bias.

Sample	Analyte	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier	Reason Code
HAM-HGWC-9	Chloride	80.9	M1	80.9	J-	MS1
HAM-HGWC-9	Sulfate	177	M1	177	J-	MS1

mg/L: Milligrams per liter
M1: Laboratory flag indicating the MS and/or MSD was outside acceptance criteria

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.

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

Two sample set specific laboratory duplicates were reported for TDS using samples HAM-MW-24D and HAM-HGWC-7. The RPD results were 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

One field blank, HAM-AP1-FB-01, was collected with the sample set. The wet chemistry parameters were not detected in the field blank at or above the MDLs.

It was noted that major ions profile, which included alkalinity, was not requested on the COC for the field blank.

3.8 Field Duplicate

One field duplicate, HAM-AP1-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWC-13.

It was noted that major ions profile, which included alkalinity, was not requested on the COC for the field duplicate.

3.9 Equipment Blank

One equipment blank, HAM-AP1-FB-01, was collected with the sample set. The wet chemistry parameters were not detected in the equipment blank at or above the MDLs.

It was noted that major ions profile, which included alkalinity, was not requested on the COC for the equipment blank.

3.10 Sensitivity

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

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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

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:	4 June 2026
To:	Kristen Jurinko
From:	Ashley Wilson
CC:	Kristoffer Henderson, Colleen Small
Subject:	**Stage 2A Data Validation - Level II Data Deliverables – Pace Analytical Services, LLC Project Number 92842923**

SITE: Plant Hammond AP-1

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of eleven water samples, one field duplicate, one field blank, and one equipment blank, collected 4-6 February 2026, as part of the Plant Hammond AP-1 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 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
92842923001	HAM-HGWC-7
92842923002	HAM-HGWC-8
92842923003	HAM-HGWC-10
92842923004	HAM-HGWC-11
92842923005	HAM-HGWC-12
92842923006	HAM-HGWC-13
92842923007	HAM-MW-24D

Laboratory IDs	Client IDs
92842923008	HAM-AP1-FD-01
92842923009	HAM-AP1-EB-01
92842923010	HAM-AP1-FB-01
92842923011	HAM-MW-19
92842923012	HAM-HGWC-9
92842923013	HAM-MW-20
92842923014	HAM-MW-27D

The laboratory reported results for the analytical method(s) requested for each sample on the chains of custody (COCs). Additional non-radiochemistry analyses were requested on the COC and reported in project number 92842919.

The samples were received within 0-6 degrees Celsius (°C). No sample preservation issues were noted by the laboratory.

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 any 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

1.1.1 Completeness

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%.

1.1.2 Analysis Anomaly

Total radium in sample HAM-HGWC-10 was not detected for total radium (Combined Radium 226 + 228). Since radium-228 was detected in sample HAM-HGWC-10 at a concentration greater than the minimum detectable concentration (MDC), and based on professional and technical judgment, the U qualifier was removed from the total radium concentration result for sample HAM-HGWC-10 to indicate a detectable result. It is noted that since the radium-228 concentration in sample HAM-HGWC-10 was not statistically distinguishable from the concentration in the equipment blank, as discussed in Section 1.9, the final qualifier for the combined radium 226 and 228 in the sample 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-HGWC-10	Combined Radium 226 + 228	1.06	U	1.06	NA	RO1

pCi/L: Picocuries per liter
U: Not detected at or above the minimum detectable concentration
NA: Not applicable
*: 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.

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

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 method specified acceptance limits of 40% - 110%.

1.8 Field Blank

One field blank, HAM-AP1-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-AP1-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 (0.624 pCi/L) was detected in HAM-AP1-EB-01 at a concentration greater than the measured 2σ uncertainty. Therefore, the radium-228 concentration with a mean difference less than 2 in sample HAM-HGWC-10 was UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for sample HAM-HGWC-10 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-HGWC-10	Radium-228	1.06	NA	1.06	UJ	BEH

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier	Reason Code
HAM-HGWC-10	Combined Radium 226 + 228	1.06	U	1.06	UJ	BEH

pCi/L: Picocuries per liter
NA: Not applicable
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

1.10 Field Duplicate

One field duplicate sample, HAM-AP1-FD-01, was collected with the sample set. Acceptable precision [mean difference (MD) ≤ 3, RPD < 20%] was demonstrated between the field duplicate and the original sample, HAM-HGWC-13.

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.
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

Low-Flow Test Report:

Test Date / Time: 2/3/2026 10:18:47 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: HGWA-1 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 22.49 ft** **Total Depth: 32.49 ft** **Initial Depth to Water: 18.30 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 27.49 ft** **Estimated Total Volume Pumped: 8.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.60 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283501**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

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	
2/3/2026 10:18 AM	00:00	7.034 pH	15.28 °C	641.7 µS/cm	2.601 mg/L	3.66 NTU	76.3 mV	18.30 ft	150.0 ml/min
2/3/2026 10:23 AM	05:00	7.024 pH	15.28 °C	593.1 µS/cm	2.647 mg/L	3.33 NTU	61.1 mV	18.82 ft	150.0 ml/min
2/3/2026 10:28 AM	10:00	7.026 pH	15.46 °C	663.6 µS/cm	2.455 mg/L	3.70 NTU	49.0 mV	18.90 ft	150.0 ml/min
2/3/2026 10:33 AM	15:00	7.051 pH	15.64 °C	559.0 µS/cm	2.383 mg/L	3.55 NTU	57.9 mV	18.85 ft	150.0 ml/min
2/3/2026 10:38 AM	20:00	7.055 pH	15.73 °C	636.7 µS/cm	1.796 mg/L	3.15 NTU	58.6 mV	18.80 ft	150.0 ml/min
2/3/2026 10:43 AM	25:00	7.072 pH	15.55 °C	637.9 µS/cm	1.482 mg/L	2.83 NTU	62.2 mV	18.76 ft	150.0 ml/min
2/3/2026 10:48 AM	30:00	7.063 pH	15.92 °C	634.5 µS/cm	1.360 mg/L	3.05 NTU	62.6 mV	18.80 ft	150.0 ml/min
2/3/2026 10:53 AM	35:00	7.064 pH	16.01 °C	632.6 µS/cm	1.214 mg/L	2.70 NTU	71.7 mV	18.80 ft	150.0 ml/min
2/3/2026 10:58 AM	40:00	7.068 pH	15.86 °C	638.3 µS/cm	1.152 mg/L	2.11 NTU	76.1 mV	18.85 ft	150.0 ml/min
2/3/2026 11:03 AM	45:00	7.066 pH	15.89 °C	634.2 µS/cm	1.081 mg/L	2.15 NTU	78.9 mV	18.85 ft	150.0 ml/min
2/3/2026 11:08 AM	50:00	7.069 pH	15.89 °C	630.6 µS/cm	0.986 mg/L	1.47 NTU	84.8 mV	18.90 ft	150.0 ml/min
2/3/2026 11:13 AM	55:00	7.071 pH	15.91 °C	628.0 µS/cm	0.893 mg/L	1.87 NTU	87.1 mV	18.90 ft	150.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/3/2026 1:10:51 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: HGWA-2 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.95 ft** **Total Depth: 27.95 ft** **Initial Depth to Water: 13.10 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 22.95 ft** **Estimated Total Volume Pumped: 8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283501**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

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	
2/3/2026 1:10 PM	00:00	5.975 pH	17.52 °C	302.4 µS/cm	2.907 mg/L	10.80 NTU	171.7 mV	13.10 ft	200.0 ml/min
2/3/2026 1:15 PM	05:00	5.838 pH	17.82 °C	288.7 µS/cm	2.027 mg/L	9.750 NTU	181.6 mV	13.35 ft	200.0 ml/min
2/3/2026 1:20 PM	10:00	5.784 pH	17.92 °C	283.1 µS/cm	1.628 mg/L	8.930 NTU	179.1 mV	13.35 ft	200.0 ml/min
2/3/2026 1:25 PM	15:00	5.767 pH	18.01 °C	279.6 µS/cm	1.457 mg/L	5.190 NTU	178.6 mV	13.30 ft	200.0 ml/min
2/3/2026 1:30 PM	20:00	5.723 pH	18.01 °C	271.9 µS/cm	1.298 mg/L	3.900 NTU	185.6 mV	13.25 ft	200.0 ml/min
2/3/2026 1:35 PM	25:00	5.721 pH	17.97 °C	269.4 µS/cm	1.247 mg/L	2.920 NTU	189.4 mV	13.30 ft	200.0 ml/min
2/3/2026 1:40 PM	30:00	5.703 pH	18.12 °C	266.9 µS/cm	1.177 mg/L	2.450 NTU	188.8 mV	13.23 ft	200.0 ml/min
2/3/2026 1:45 PM	35:00	5.672 pH	18.11 °C	263.9 µS/cm	1.108 mg/L	2.000 NTU	195.6 mV	13.20 ft	200.0 ml/min
2/3/2026 1:50 PM	40:00	5.662 pH	18.15 °C	261.0 µS/cm	1.046 mg/L	1.730 NTU	199.3 mV	13.22 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/3/2026 1:09:29 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: HGWA-3 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 34.51 ft** **Total Depth: 44.51 ft** **Initial Depth to Water: 12.83 ft**	**Pump Type: Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 39.51 ft** **Estimated Total Volume Pumped: 28.05 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 170 ml/min** **Final Draw Down: -0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

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	
2/3/2026 1:09 PM	00:00	7.306 pH	17.51 °C	461.8 µS/cm	1.555 mg/L	16.00 NTU	-104.5 mV	12.83 ft	170.0 ml/min
2/3/2026 1:14 PM	05:00	7.310 pH	17.51 °C	469.9 µS/cm	1.525 mg/L	7.240 NTU	-119.4 mV	12.84 ft	170.0 ml/min
2/3/2026 1:19 PM	10:00	7.309 pH	17.80 °C	482.3 µS/cm	1.553 mg/L	2.900 NTU	-104.3 mV	12.86 ft	170.0 ml/min
2/3/2026 1:24 PM	15:00	7.310 pH	18.07 °C	463.2 µS/cm	1.344 mg/L	2.130 NTU	-105.3 mV	12.88 ft	170.0 ml/min
2/3/2026 1:29 PM	20:00	7.312 pH	18.16 °C	465.2 µS/cm	1.064 mg/L	1.790 NTU	-107.1 mV	12.95 ft	170.0 ml/min
2/3/2026 1:34 PM	25:00	7.312 pH	17.94 °C	462.0 µS/cm	1.721 mg/L	1.210 NTU	-107.5 mV	13.25 ft	170.0 ml/min
2/3/2026 1:39 PM	30:00	7.322 pH	17.99 °C	460.4 µS/cm	1.075 mg/L	0.020 NTU	-106.9 mV	13.88 ft	170.0 ml/min
2/3/2026 1:44 PM	35:00	7.317 pH	18.25 °C	460.7 µS/cm	1.234 mg/L	3.870 NTU	-107.1 mV	13.89 ft	170.0 ml/min
2/3/2026 1:49 PM	40:00	7.313 pH	18.12 °C	461.3 µS/cm	1.986 mg/L	2.820 NTU	-107.2 mV	13.91 ft	170.0 ml/min
2/3/2026 1:54 PM	45:00	7.312 pH	18.28 °C	458.1 µS/cm	1.122 mg/L	0.710 NTU	-107.2 mV	12.90 ft	170.0 ml/min
2/3/2026 1:59 PM	50:00	7.313 pH	18.35 °C	457.0 µS/cm	1.076 mg/L	1.210 NTU	-107.1 mV	12.81 ft	170.0 ml/min
2/3/2026 2:04 PM	55:00	7.313 pH	18.29 °C	455.3 µS/cm	1.174 mg/L	1.300 NTU	-106.5 mV	12.84 ft	170.0 ml/min
2/3/2026 2:09 PM	01:00:00	7.314 pH	18.34 °C	457.0 µS/cm	1.311 mg/L	1.450 NTU	-107.2 mV	12.86 ft	170.0 ml/min
2/3/2026 2:14 PM	01:05:00	7.313 pH	18.18 °C	455.9 µS/cm	0.975 mg/L	2.260 NTU	-106.6 mV	12.82 ft	170.0 ml/min
2/3/2026 2:19 PM	01:10:00	7.319 pH	18.17 °C	457.5 µS/cm	1.320 mg/L	1.500 NTU	-106.6 mV	12.83 ft	170.0 ml/min

2/3/2026 2:24 PM	01:15:00	7.315 pH	18.30 °C	455.6 µS/cm	1.407 mg/L	1.260 NTU	-107.7 mV	12.81 ft	170.0 ml/min
2/3/2026 2:29 PM	01:20:00	7.315 pH	18.30 °C	455.8 µS/cm	1.421 mg/L	1.230 NTU	-107.8 mV	12.79 ft	170.0 ml/min
2/3/2026 2:31 PM	01:22:22	7.319 pH	18.01 °C	455.8 µS/cm	1.432 mg/L	1.130 NTU	-121.9 mV	12.79 ft	170.0 ml/min
2/3/2026 2:36 PM	01:27:22	7.320 pH	17.84 °C	408.9 µS/cm	1.825 mg/L	0.630 NTU	-109.0 mV	12.78 ft	170.0 ml/min
2/3/2026 2:41 PM	01:32:22	7.319 pH	17.85 °C	455.6 µS/cm	1.142 mg/L	0.660 NTU	-108.8 mV	12.78 ft	170.0 ml/min
2/3/2026 2:46 PM	01:37:22	7.320 pH	17.92 °C	455.3 µS/cm	1.379 mg/L	0.630 NTU	-123.1 mV	12.75 ft	170.0 ml/min
2/3/2026 2:51 PM	01:42:22	7.322 pH	17.85 °C	453.7 µS/cm	1.559 mg/L	2.000 NTU	-109.0 mV	12.80 ft	170.0 ml/min
2/3/2026 2:56 PM	01:47:22	7.319 pH	17.76 °C	452.3 µS/cm	1.182 mg/L	1.140 NTU	-108.3 mV	12.80 ft	170.0 ml/min
2/3/2026 3:01 PM	01:52:22	7.321 pH	17.59 °C	450.9 µS/cm	1.829 mg/L	0.200 NTU	-109.3 mV	12.78 ft	170.0 ml/min
2/3/2026 3:06 PM	01:57:22	7.323 pH	17.52 °C	439.7 µS/cm	1.087 mg/L	0.580 NTU	-122.9 mV	12.76 ft	170.0 ml/min
2/3/2026 3:11 PM	02:02:22	7.320 pH	17.70 °C	445.9 µS/cm	1.308 mg/L	0.720 NTU	-108.3 mV	12.78 ft	170.0 ml/min
2/3/2026 3:16 PM	02:07:22	7.321 pH	17.66 °C	449.8 µS/cm	1.126 mg/L	2.000 NTU	-108.6 mV	12.79 ft	170.0 ml/min
2/3/2026 3:21 PM	02:12:22	7.324 pH	17.70 °C	448.7 µS/cm	1.282 mg/L	1.230 NTU	-123.5 mV	12.82 ft	170.0 ml/min
2/3/2026 3:26 PM	02:17:22	7.321 pH	17.72 °C	447.6 µS/cm	1.454 mg/L	0.180 NTU	-110.4 mV	12.79 ft	170.0 ml/min
2/3/2026 3:31 PM	02:22:22	7.319 pH	17.72 °C	461.8 µS/cm	1.098 mg/L	0.620 NTU	-109.0 mV	12.79 ft	170.0 ml/min
2/3/2026 3:36 PM	02:27:22	7.318 pH	17.70 °C	454.2 µS/cm	1.108 mg/L	0.250 NTU	-108.9 mV	12.76 ft	170.0 ml/min
2/3/2026 3:41 PM	02:32:22	7.319 pH	17.66 °C	451.6 µS/cm	0.923 mg/L	3.450 NTU	-108.7 mV	12.78 ft	170.0 ml/min
2/3/2026 3:46 PM	02:37:22	7.320 pH	17.58 °C	455.7 µS/cm	0.927 mg/L	0.700 NTU	-108.4 mV	12.75 ft	170.0 ml/min
2/3/2026 3:51 PM	02:42:22	7.326 pH	17.54 °C	451.4 µS/cm	1.008 mg/L	0.430 NTU	-108.9 mV	12.76 ft	170.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/3/2026 9:52:00 AM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: HGWA-43D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 51.25 ft** **Total Depth: 61.25 ft** **Initial Depth to Water: 18.35 ft**	**Pump Type: Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 56.25 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.71 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

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	
2/3/2026 9:52 AM	00:00	7.349 pH	14.54 °C	505.6 µS/cm	2.482 mg/L	6.240 NTU	-19.2 mV	18.35 ft	200.0 ml/min
2/3/2026 9:57 AM	05:00	7.403 pH	14.54 °C	504.7 µS/cm	0.934 mg/L	5.800 NTU	-60.6 mV	20.35 ft	200.0 ml/min
2/3/2026 10:02 AM	10:00	7.415 pH	14.39 °C	486.2 µS/cm	0.853 mg/L	3.640 NTU	-83.1 mV	20.59 ft	200.0 ml/min
2/3/2026 10:07 AM	15:00	7.425 pH	14.68 °C	467.4 µS/cm	0.800 mg/L	3.230 NTU	-101.2 mV	20.80 ft	200.0 ml/min
2/3/2026 10:12 AM	20:00	7.413 pH	14.90 °C	483.0 µS/cm	0.747 mg/L	3.040 NTU	-112.4 mV	20.87 ft	200.0 ml/min
2/3/2026 10:17 AM	25:00	7.409 pH	15.08 °C	479.8 µS/cm	0.740 mg/L	2.720 NTU	-120.2 mV	20.97 ft	200.0 ml/min
2/3/2026 10:22 AM	30:00	7.407 pH	15.21 °C	470.0 µS/cm	0.704 mg/L	2.110 NTU	-124.1 mV	21.06 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-HGWA-43D	Grab.

Low-Flow Test Report:

Test Date / Time: 2/3/2026 11:35:11 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: HGWA-44D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 103.50 ft** **Total Depth: 113.50 ft** **Initial Depth to Water: 18.24 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 108.50 ft** **Estimated Total Volume Pumped: 18.50 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 3.17 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

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	
2/3/2026 11:35 AM	00:00	8.542 pH	13.54 °C	568.9 µS/cm	7.768 mg/L	119.0 NTU	69.3 mV	19.25 ft	100.0 ml/min
2/3/2026 11:40 AM	05:00	8.562 pH	14.05 °C	539.8 µS/cm	4.018 mg/L	75.00 NTU	11.9 mV	19.43 ft	100.0 ml/min
2/3/2026 11:45 AM	10:00	8.569 pH	13.78 °C	563.3 µS/cm	2.914 mg/L	103.0 NTU	2.1 mV	19.52 ft	100.0 ml/min
2/3/2026 11:50 AM	15:00	8.573 pH	13.86 °C	557.5 µS/cm	2.426 mg/L	80.10 NTU	-1.7 mV	19.70 ft	100.0 ml/min
2/3/2026 11:55 AM	20:00	8.573 pH	14.00 °C	561.6 µS/cm	2.151 mg/L	40.00 NTU	-1.7 mV	19.96 ft	100.0 ml/min
2/3/2026 12:00 PM	25:00	8.572 pH	14.49 °C	570.4 µS/cm	1.969 mg/L	36.50 NTU	-1.0 mV	20.11 ft	100.0 ml/min
2/3/2026 12:05 PM	30:00	8.574 pH	14.64 °C	565.8 µS/cm	1.873 mg/L	22.40 NTU	-1.1 mV	20.26 ft	100.0 ml/min
2/3/2026 12:10 PM	35:00	8.573 pH	14.76 °C	543.4 µS/cm	1.805 mg/L	17.50 NTU	-0.6 mV	20.46 ft	100.0 ml/min
2/3/2026 12:15 PM	40:00	8.577 pH	14.94 °C	513.4 µS/cm	1.729 mg/L	15.20 NTU	-0.7 mV	20.53 ft	100.0 ml/min
2/3/2026 12:20 PM	45:00	8.581 pH	15.12 °C	515.2 µS/cm	1.668 mg/L	12.90 NTU	-1.7 mV	20.61 ft	100.0 ml/min
2/3/2026 12:25 PM	50:00	8.584 pH	15.14 °C	546.5 µS/cm	1.776 mg/L	12.60 NTU	-2.2 mV	20.70 ft	100.0 ml/min
2/3/2026 12:30 PM	55:00	8.587 pH	14.96 °C	528.6 µS/cm	1.649 mg/L	10.61 NTU	-10.0 mV	20.79 ft	100.0 ml/min
2/3/2026 12:35 PM	01:00:00	8.596 pH	14.85 °C	511.7 µS/cm	1.550 mg/L	10.85 NTU	-28.2 mV	20.86 ft	100.0 ml/min
2/3/2026 12:40 PM	01:05:00	8.595 pH	15.14 °C	526.0 µS/cm	1.419 mg/L	10.46 NTU	-38.0 mV	20.89 ft	100.0 ml/min
2/3/2026 12:45 PM	01:10:00	8.599 pH	15.12 °C	519.5 µS/cm	1.479 mg/L	9.930 NTU	-42.9 mV	20.95 ft	100.0 ml/min

2/3/2026 12:50 PM	01:15:00	8.598 pH	15.18 °C	533.9 µS/cm	1.496 mg/L	8.650 NTU	-46.8 mV	20.97 ft	100.0 ml/min
2/3/2026 12:55 PM	01:20:00	8.599 pH	15.46 °C	519.2 µS/cm	1.255 mg/L	8.270 NTU	-55.7 mV	20.99 ft	100.0 ml/min
2/3/2026 1:00 PM	01:25:00	8.600 pH	15.54 °C	535.9 µS/cm	1.214 mg/L	7.960 NTU	-57.9 mV	21.00 ft	100.0 ml/min
2/3/2026 1:05 PM	01:30:00	8.604 pH	15.60 °C	558.0 µS/cm	1.577 mg/L	7.320 NTU	-57.9 mV	21.00 ft	100.0 ml/min
2/3/2026 1:10 PM	01:35:00	8.608 pH	15.47 °C	545.6 µS/cm	1.443 mg/L	6.980 NTU	-61.2 mV	21.04 ft	100.0 ml/min
2/3/2026 1:15 PM	01:40:00	8.604 pH	15.72 °C	550.2 µS/cm	1.547 mg/L	6.750 NTU	-61.1 mV	21.10 ft	100.0 ml/min
2/3/2026 1:20 PM	01:45:00	8.604 pH	16.03 °C	547.6 µS/cm	1.116 mg/L	6.580 NTU	-64.2 mV	21.16 ft	100.0 ml/min
2/3/2026 1:25 PM	01:50:00	8.602 pH	16.39 °C	537.1 µS/cm	1.034 mg/L	6.440 NTU	-63.7 mV	21.14 ft	100.0 ml/min
2/3/2026 1:30 PM	01:55:00	8.602 pH	16.36 °C	538.8 µS/cm	1.647 mg/L	6.210 NTU	-63.1 mV	21.21 ft	100.0 ml/min
2/3/2026 1:35 PM	02:00:00	8.605 pH	16.20 °C	535.0 µS/cm	1.064 mg/L	6.190 NTU	-62.3 mV	21.23 ft	100.0 ml/min
2/3/2026 1:40 PM	02:05:00	8.604 pH	16.24 °C	560.0 µS/cm	0.977 mg/L	5.800 NTU	-67.7 mV	21.22 ft	100.0 ml/min
2/3/2026 1:45 PM	02:10:00	8.603 pH	16.41 °C	549.0 µS/cm	0.943 mg/L	5.680 NTU	-65.4 mV	21.29 ft	100.0 ml/min
2/3/2026 1:50 PM	02:15:00	8.595 pH	16.73 °C	528.2 µS/cm	0.900 mg/L	5.220 NTU	-70.6 mV	21.61 ft	100.0 ml/min
2/3/2026 1:55 PM	02:20:00	8.594 pH	16.83 °C	484.3 µS/cm	0.913 mg/L	5.100 NTU	-70.7 mV	22.10 ft	100.0 ml/min
2/3/2026 2:00 PM	02:25:00	8.598 pH	16.82 °C	544.2 µS/cm	0.942 mg/L	4.490 NTU	-72.0 mV	21.94 ft	100.0 ml/min
2/3/2026 2:05 PM	02:30:00	8.601 pH	16.60 °C	522.7 µS/cm	0.970 mg/L	4.780 NTU	-69.3 mV	21.89 ft	100.0 ml/min
2/3/2026 2:10 PM	02:35:00	8.605 pH	16.38 °C	503.0 µS/cm	0.963 mg/L	4.540 NTU	-64.2 mV	21.82 ft	100.0 ml/min
2/3/2026 2:15 PM	02:40:00	8.607 pH	16.33 °C	496.9 µS/cm	0.972 mg/L	5.010 NTU	-62.7 mV	21.71 ft	100.0 ml/min
2/3/2026 2:20 PM	02:45:00	8.605 pH	16.37 °C	477.7 µS/cm	0.920 mg/L	5.480 NTU	-63.2 mV	21.56 ft	100.0 ml/min
2/3/2026 2:25 PM	02:50:00	8.607 pH	16.53 °C	482.6 µS/cm	0.908 mg/L	5.180 NTU	-64.7 mV	21.45 ft	100.0 ml/min
2/3/2026 2:30 PM	02:55:00	8.602 pH	16.68 °C	473.8 µS/cm	0.911 mg/L	4.610 NTU	-65.7 mV	21.46 ft	100.0 ml/min
2/3/2026 2:35 PM	03:00:00	8.601 pH	16.67 °C	486.3 µS/cm	0.941 mg/L	4.790 NTU	-67.2 mV	21.41 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-HGWA-44D	Grab.
HAM-UGRD-FD-01	Grab.

Low-Flow Test Report:

Test Date / Time: 2/5/2026 2:12:30 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: HGWC-7 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 17.96 ft** **Total Depth: 27.96 ft** **Initial Depth to Water: 14.03 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 22.96 ft** **Estimated Total Volume Pumped: 6 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:
Seven bottles: Full App. III & IV and Major Ions.

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	
2/5/2026 2:12 PM	00:00	7.322 pH	16.65 °C	643.1 µS/cm	0.423 mg/L	8.690 NTU	60.4 mV	14.03 ft	200.0 ml/min
2/5/2026 2:17 PM	05:00	7.329 pH	16.79 °C	640.5 µS/cm	0.555 mg/L	6.260 NTU	38.0 mV	14.03 ft	200.0 ml/min
2/5/2026 2:22 PM	10:00	7.335 pH	16.92 °C	630.8 µS/cm	0.535 mg/L	4.660 NTU	33.2 mV	14.05 ft	200.0 ml/min
2/5/2026 2:27 PM	15:00	7.362 pH	17.02 °C	628.2 µS/cm	0.538 mg/L	4.910 NTU	30.6 mV	14.10 ft	200.0 ml/min
2/5/2026 2:32 PM	20:00	7.332 pH	17.18 °C	628.2 µS/cm	0.533 mg/L	3.320 NTU	29.5 mV	14.06 ft	200.0 ml/min
2/5/2026 2:37 PM	25:00	7.341 pH	17.12 °C	631.5 µS/cm	0.512 mg/L	3.530 NTU	27.9 mV	14.04 ft	200.0 ml/min
2/5/2026 2:42 PM	30:00	7.344 pH	17.31 °C	634.1 µS/cm	0.421 mg/L	2.000 NTU	25.6 mV	14.04 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/5/2026 3:44:14 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: HGWC-8 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 15.51 ft** **Total Depth: 25.51 ft** **Initial Depth to Water: 17.08 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 20.51 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.35 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Clear, 44 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/5/2026 3:44 PM	00:00	6.343 pH	16.77 °C	568.6 µS/cm	0.753 mg/L	11.10 NTU	98.5 mV	17.08 ft	200.0 ml/min
2/5/2026 3:49 PM	05:00	6.467 pH	16.80 °C	582.7 µS/cm	0.655 mg/L	7.660 NTU	98.5 mV	17.41 ft	200.0 ml/min
2/5/2026 3:54 PM	10:00	6.535 pH	16.74 °C	582.9 µS/cm	0.651 mg/L	5.700 NTU	56.6 mV	17.43 ft	200.0 ml/min
2/5/2026 3:59 PM	15:00	6.579 pH	16.83 °C	581.2 µS/cm	0.672 mg/L	4.270 NTU	51.3 mV	17.44 ft	200.0 ml/min
2/5/2026 4:04 PM	20:00	6.609 pH	16.80 °C	584.6 µS/cm	0.699 mg/L	2.510 NTU	48.0 mV	17.45 ft	200.0 ml/min
2/5/2026 4:09 PM	25:00	6.626 pH	16.69 °C	597.1 µS/cm	0.726 mg/L	0.740 NTU	45.1 mV	17.42 ft	200.0 ml/min
2/5/2026 4:14 PM	30:00	6.579 pH	16.73 °C	583.4 µS/cm	0.722 mg/L	1.930 NTU	44.9 mV	17.43 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-HGWC-8	Grab.

Low-Flow Test Report:

Test Date / Time: 2/6/2026 9:47:43 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: HGWC-9 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 36.97 ft** **Total Depth: 46.97 ft** **Initial Depth to Water: 18.65 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 41.97 ft** **Estimated Total Volume Pumped: 17 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: 1283501**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Clear, 35 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/6/2026 9:47 AM	00:00	6.496 pH	16.81 °C	863.0 µS/cm	0.740 mg/L	21.60 NTU	58.1 mV	18.65 ft	200.0 ml/min
2/6/2026 9:52 AM	05:00	6.507 pH	16.99 °C	863.4 µS/cm	0.678 mg/L	23.00 NTU	60.6 mV	18.66 ft	200.0 ml/min
2/6/2026 10:01 AM	13:25	6.531 pH	16.98 °C	866.6 µS/cm	0.659 mg/L	14.60 NTU	54.4 mV	18.65 ft	200.0 ml/min
2/6/2026 10:06 AM	18:25	6.540 pH	16.92 °C	863.4 µS/cm	0.583 mg/L	14.20 NTU	60.3 mV	18.65 ft	200.0 ml/min
2/6/2026 10:11 AM	23:25	6.558 pH	16.90 °C	870.2 µS/cm	0.452 mg/L	12.50 NTU	56.7 mV	18.66 ft	200.0 ml/min
2/6/2026 10:16 AM	28:25	6.589 pH	17.39 °C	871.2 µS/cm	0.446 mg/L	11.30 NTU	50.0 mV	18.66 ft	200.0 ml/min
2/6/2026 10:18 AM	30:50	6.615 pH	16.94 °C	888.8 µS/cm	0.470 mg/L	9.990 NTU	41.2 mV	18.65 ft	200.0 ml/min
2/6/2026 10:23 AM	35:50	6.667 pH	16.56 °C	902.5 µS/cm	0.392 mg/L	8.750 NTU	43.5 mV	18.65 ft	200.0 ml/min
2/6/2026 10:28 AM	40:50	6.702 pH	16.67 °C	922.4 µS/cm	0.406 mg/L	8.420 NTU	44.9 mV	18.66 ft	200.0 ml/min
2/6/2026 10:33 AM	45:50	6.735 pH	17.03 °C	923.7 µS/cm	0.401 mg/L	6.280 NTU	44.9 mV	18.68 ft	200.0 ml/min
2/6/2026 10:38 AM	50:50	6.769 pH	17.03 °C	930.3 µS/cm	0.399 mg/L	6.130 NTU	44.5 mV	18.67 ft	200.0 ml/min
2/6/2026 10:43 AM	55:50	6.788 pH	17.24 °C	935.8 µS/cm	0.392 mg/L	7.180 NTU	43.6 mV	18.67 ft	200.0 ml/min
2/6/2026 10:48 AM	01:00:50	6.816 pH	17.24 °C	940.2 µS/cm	0.375 mg/L	5.880 NTU	43.1 mV	18.67 ft	200.0 ml/min

2/6/2026 10:53 AM	01:05:50	6.837 pH	17.29 °C	947.0 µS/cm	0.410 mg/L	6.340 NTU	43.9 mV	18.67 ft	200.0 ml/min
2/6/2026 10:58 AM	01:10:50	6.861 pH	17.12 °C	953.6 µS/cm	0.383 mg/L	5.560 NTU	44.5 mV	18.66 ft	200.0 ml/min
2/6/2026 11:03 AM	01:15:50	6.873 pH	17.29 °C	959.1 µS/cm	0.358 mg/L	4.790 NTU	44.6 mV	18.66 ft	200.0 ml/min
2/6/2026 11:08 AM	01:20:50	6.884 pH	17.52 °C	953.9 µS/cm	0.394 mg/L	4.790 NTU	43.4 mV	18.66 ft	200.0 ml/min
2/6/2026 11:12 AM	01:25:07	6.893 pH	17.35 °C	964.0 µS/cm	0.348 mg/L	4.160 NTU	38.3 mV	18.68 ft	200.0 ml/min

Samples

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

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/5/2026 3:27:55 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: HGWC-10 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 12.94 ft** **Total Depth: 22.94 ft** **Initial Depth to Water: 17.40 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 19.50 ft** **Estimated Total Volume Pumped: 12 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:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Clear, 44 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/5/2026 3:27 PM	00:00	6.589 pH	17.75 °C	378.4 µS/cm	2.334 mg/L	0.860 NTU	124.1 mV	17.40 ft	200.0 ml/min
2/5/2026 3:32 PM	05:00	6.599 pH	17.68 °C	413.0 µS/cm	2.075 mg/L	0.910 NTU	176.8 mV	17.40 ft	200.0 ml/min
2/5/2026 3:37 PM	10:00	6.620 pH	17.56 °C	431.6 µS/cm	1.822 mg/L	1.130 NTU	134.4 mV	17.40 ft	200.0 ml/min
2/5/2026 3:42 PM	15:00	6.637 pH	17.43 °C	461.5 µS/cm	1.583 mg/L	0.680 NTU	128.5 mV	17.40 ft	200.0 ml/min
2/5/2026 3:47 PM	20:00	6.666 pH	17.46 °C	489.5 µS/cm	1.562 mg/L	0.970 NTU	124.8 mV	17.40 ft	200.0 ml/min
2/5/2026 3:52 PM	25:00	6.695 pH	17.52 °C	524.5 µS/cm	1.414 mg/L	0.920 NTU	121.1 mV	17.40 ft	200.0 ml/min
2/5/2026 3:57 PM	30:00	6.704 pH	17.48 °C	546.8 µS/cm	1.383 mg/L	0.820 NTU	119.7 mV	17.40 ft	200.0 ml/min
2/5/2026 4:02 PM	35:00	6.717 pH	17.48 °C	568.2 µS/cm	1.260 mg/L	1.640 NTU	121.2 mV	17.40 ft	200.0 ml/min
2/5/2026 4:07 PM	40:00	6.732 pH	17.48 °C	587.6 µS/cm	0.952 mg/L	1.220 NTU	121.9 mV	17.40 ft	200.0 ml/min
2/5/2026 4:12 PM	45:00	6.742 pH	17.53 °C	604.3 µS/cm	0.861 mg/L	1.040 NTU	121.2 mV	17.40 ft	200.0 ml/min
2/5/2026 4:17 PM	50:00	6.753 pH	17.43 °C	615.5 µS/cm	0.857 mg/L	0.610 NTU	120.3 mV	17.40 ft	200.0 ml/min
2/5/2026 4:22 PM	55:00	6.734 pH	17.17 °C	626.1 µS/cm	0.813 mg/L	0.860 NTU	116.1 mV	17.40 ft	200.0 ml/min
2/5/2026 4:27 PM	01:00:00	6.746 pH	17.06 °C	643.4 µS/cm	0.895 mg/L	0.550 NTU	111.8 mV	17.40 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/5/2026 12:04:36 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: HGWC-11 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 15.78 ft** **Total Depth: 25.78 ft** **Initial Depth to Water: 18.70 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 20.78 ft** **Estimated Total Volume Pumped: 6 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: 1283501**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Partly cloudy, 38 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/5/2026 12:04 PM	00:00	6.370 pH	16.88 °C	452.5 µS/cm	4.848 mg/L	12.00 NTU	108.9 mV	18.70 ft	200.0 ml/min
2/5/2026 12:09 PM	05:00	6.366 pH	17.21 °C	447.0 µS/cm	4.516 mg/L	6.810 NTU	158.3 mV	18.80 ft	200.0 ml/min
2/5/2026 12:14 PM	10:00	6.361 pH	17.70 °C	444.6 µS/cm	4.387 mg/L	4.230 NTU	134.7 mV	18.80 ft	200.0 ml/min
2/5/2026 12:19 PM	15:00	6.371 pH	17.69 °C	449.2 µS/cm	4.363 mg/L	3.090 NTU	136.2 mV	18.80 ft	200.0 ml/min
2/5/2026 12:24 PM	20:00	6.365 pH	17.50 °C	450.4 µS/cm	4.327 mg/L	3.060 NTU	142.6 mV	18.81 ft	200.0 ml/min
2/5/2026 12:29 PM	25:00	6.365 pH	17.35 °C	448.4 µS/cm	4.312 mg/L	2.530 NTU	145.9 mV	18.80 ft	200.0 ml/min
2/5/2026 12:34 PM	30:00	6.361 pH	17.43 °C	453.7 µS/cm	4.314 mg/L	2.180 NTU	145.3 mV	18.80 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/5/2026 1:42:38 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: HGWC-12 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 25.42 ft** **Total Depth: 35.42 ft** **Initial Depth to Water: 18.80 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 30.42 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:
Seven bottles: Full App. III & IV and Major Ions.

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	
2/5/2026 1:42 PM	00:00	7.086 pH	17.51 °C	883.9 µS/cm	0.530 mg/L	5.500 NTU	96.4 mV	18.80 ft	200.0 ml/min
2/5/2026 1:47 PM	05:00	7.094 pH	17.73 °C	880.2 µS/cm	0.284 mg/L	4.750 NTU	132.9 mV	18.80 ft	200.0 ml/min
2/5/2026 1:52 PM	10:00	7.098 pH	18.02 °C	881.0 µS/cm	0.218 mg/L	2.740 NTU	141.6 mV	18.80 ft	200.0 ml/min
2/5/2026 1:57 PM	15:00	7.104 pH	17.64 °C	883.6 µS/cm	0.193 mg/L	1.820 NTU	148.8 mV	18.80 ft	200.0 ml/min
2/5/2026 2:02 PM	20:00	7.108 pH	17.48 °C	883.5 µS/cm	0.180 mg/L	1.510 NTU	145.4 mV	18.77 ft	200.0 ml/min
2/5/2026 2:07 PM	25:00	7.106 pH	17.55 °C	881.9 µS/cm	0.173 mg/L	1.260 NTU	137.4 mV	18.77 ft	200.0 ml/min
2/5/2026 2:12 PM	30:00	7.108 pH	17.35 °C	876.6 µS/cm	0.165 mg/L	1.170 NTU	133.5 mV	18.80 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-HGWC-12	Grab.

Low-Flow Test Report:

Test Date / Time: 2/5/2026 9:39:05 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: HGWC-13 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 35.15 ft** **Total Depth: 45.15 ft** **Initial Depth to Water: 29.55 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 40.15 ft** **Estimated Total Volume Pumped: 6 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: 1283501**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Mostly cloudy, light wind, 32 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/5/2026 9:39 AM	00:00	6.957 pH	15.01 °C	788.4 µS/cm	0.457 mg/L	18.50 NTU	-61.8 mV	29.55 ft	200.0 ml/min
2/5/2026 9:44 AM	05:00	6.984 pH	15.17 °C	781.4 µS/cm	0.316 mg/L	12.70 NTU	-60.5 mV	29.57 ft	200.0 ml/min
2/5/2026 9:49 AM	10:00	6.996 pH	15.22 °C	777.8 µS/cm	0.230 mg/L	8.110 NTU	-61.6 mV	29.59 ft	200.0 ml/min
2/5/2026 9:54 AM	15:00	7.001 pH	15.48 °C	780.3 µS/cm	0.211 mg/L	5.890 NTU	-62.5 mV	29.55 ft	200.0 ml/min
2/5/2026 9:59 AM	20:00	7.009 pH	15.41 °C	782.6 µS/cm	0.190 mg/L	4.890 NTU	-63.4 mV	29.55 ft	200.0 ml/min
2/5/2026 10:04 AM	25:00	7.013 pH	15.42 °C	779.8 µS/cm	0.175 mg/L	4.620 NTU	-63.9 mV	29.57 ft	200.0 ml/min
2/5/2026 10:09 AM	30:00	7.012 pH	15.66 °C	786.1 µS/cm	0.161 mg/L	3.670 NTU	-65.7 mV	29.60 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-HGWC-13	Grab.
HAM-AP1-FD-01	Grab.

Low-Flow Test Report:

Test Date / Time: 2/4/2026 5:12:41 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: MW-19 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 19.53 ft** **Total Depth: 29.53 ft** **Initial Depth to Water: 16.90 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 24.53 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:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Overcast, 47 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/4/2026 5:12 PM	00:00	6.108 pH	16.68 °C	610.5 µS/cm	0.850 mg/L	8.810 NTU	179.7 mV	16.90 ft	200.0 ml/min
2/4/2026 5:17 PM	05:00	6.165 pH	16.58 °C	633.2 µS/cm	0.623 mg/L	7.550 NTU	170.6 mV	16.91 ft	200.0 ml/min
2/4/2026 5:22 PM	10:00	6.176 pH	16.67 °C	628.7 µS/cm	0.427 mg/L	7.890 NTU	160.6 mV	16.90 ft	200.0 ml/min
2/4/2026 5:27 PM	15:00	6.199 pH	16.87 °C	633.4 µS/cm	0.313 mg/L	6.920 NTU	152.6 mV	16.95 ft	200.0 ml/min
2/4/2026 5:32 PM	20:00	6.209 pH	16.41 °C	636.0 µS/cm	0.233 mg/L	5.510 NTU	144.8 mV	16.90 ft	200.0 ml/min
2/4/2026 5:37 PM	25:00	6.218 pH	16.54 °C	642.5 µS/cm	0.209 mg/L	4.340 NTU	138.1 mV	16.90 ft	200.0 ml/min
2/4/2026 5:42 PM	30:00	6.218 pH	16.56 °C	639.8 µS/cm	0.199 mg/L	3.280 NTU	134.2 mV	16.90 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-19	Grab.

Low-Flow Test Report:

Test Date / Time: 2/6/2026 12:22:10 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: MW-20 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 24.37 ft** **Total Depth: 34.37 ft** **Initial Depth to Water: 16.30 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 29.37 ft** **Estimated Total Volume Pumped: 5.25 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.10 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283501**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Clear, windy, 28 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	
2/6/2026 12:22 PM	00:00	6.759 pH	16.70 °C	641.6 µS/cm	0.436 mg/L	4.470 NTU	-30.5 mV	16.30 ft	200.0 ml/min
2/6/2026 12:27 PM	05:00	6.838 pH	17.08 °C	677.1 µS/cm	0.356 mg/L	2.830 NTU	-30.6 mV	16.35 ft	200.0 ml/min
2/6/2026 12:32 PM	10:00	6.877 pH	17.12 °C	695.1 µS/cm	0.267 mg/L	1.740 NTU	-36.0 mV	16.45 ft	200.0 ml/min
2/6/2026 12:37 PM	15:00	6.901 pH	17.08 °C	698.8 µS/cm	0.262 mg/L	1.270 NTU	-36.8 mV	16.40 ft	200.0 ml/min
2/6/2026 12:42 PM	20:00	6.929 pH	16.79 °C	703.8 µS/cm	0.289 mg/L	1.020 NTU	-36.9 mV	16.40 ft	200.0 ml/min
2/6/2026 12:47 PM	25:00	6.944 pH	16.81 °C	714.8 µS/cm	0.285 mg/L	0.880 NTU	-38.6 mV	16.40 ft	200.0 ml/min
2/6/2026 12:52 PM	30:00	6.965 pH	16.59 °C	714.4 µS/cm	0.305 mg/L	0.830 NTU	-38.1 mV	16.40 ft	200.0 ml/min

Samples

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

Low-Flow Test Report:

Test Date / Time: 2/4/2026 1:40:04 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: MW-24D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 62.77 ft** **Total Depth: 72.77 ft** **Initial Depth to Water: 31.72 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 67.77 ft** **Estimated Total Volume Pumped: 26 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: 1283501**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Partly 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	
2/4/2026 1:40 PM	00:00	8.216 pH	16.68 °C	352.8 µS/cm	9.228 mg/L	7.320 NTU	157.6 mV	31.72 ft	200.0 ml/min
2/4/2026 1:45 PM	05:00	8.243 pH	16.63 °C	350.5 µS/cm	9.219 mg/L	5.320 NTU	168.5 mV	31.68 ft	200.0 ml/min
2/4/2026 1:50 PM	10:00	8.239 pH	16.68 °C	348.5 µS/cm	9.251 mg/L	3.050 NTU	164.8 mV	31.68 ft	200.0 ml/min
2/4/2026 1:55 PM	15:00	8.237 pH	16.64 °C	348.5 µS/cm	9.224 mg/L	2.460 NTU	163.4 mV	31.65 ft	200.0 ml/min
2/4/2026 2:00 PM	20:00	8.220 pH	16.63 °C	347.7 µS/cm	9.184 mg/L	2.800 NTU	161.5 mV	31.70 ft	200.0 ml/min
2/4/2026 2:05 PM	25:00	8.209 pH	16.73 °C	350.1 µS/cm	9.113 mg/L	2.090 NTU	157.7 mV	31.71 ft	200.0 ml/min
2/4/2026 2:10 PM	30:00	8.188 pH	16.74 °C	357.0 µS/cm	8.841 mg/L	2.130 NTU	157.0 mV	31.68 ft	200.0 ml/min
2/4/2026 2:15 PM	35:00	8.155 pH	16.81 °C	372.9 µS/cm	8.328 mg/L	2.190 NTU	155.6 mV	31.71 ft	200.0 ml/min
2/4/2026 2:20 PM	40:00	8.118 pH	16.77 °C	388.7 µS/cm	7.851 mg/L	1.940 NTU	153.9 mV	31.68 ft	200.0 ml/min
2/4/2026 2:25 PM	45:00	8.082 pH	17.25 °C	404.9 µS/cm	7.303 mg/L	2.040 NTU	152.6 mV	31.70 ft	200.0 ml/min
2/4/2026 2:30 PM	50:00	8.058 pH	16.85 °C	420.0 µS/cm	6.873 mg/L	1.420 NTU	154.9 mV	31.70 ft	200.0 ml/min
2/4/2026 2:35 PM	55:00	8.029 pH	16.75 °C	438.9 µS/cm	6.372 mg/L	1.250 NTU	155.1 mV	31.70 ft	200.0 ml/min
2/4/2026 2:40 PM	01:00:00	7.999 pH	16.45 °C	456.1 µS/cm	5.888 mg/L	1.060 NTU	153.3 mV	31.70 ft	200.0 ml/min

2/4/2026 2:45 PM	01:05:00	7.973 pH	16.31 °C	469.6 µS/cm	5.494 mg/L	0.940 NTU	150.3 mV	31.72 ft	200.0 ml/min
2/4/2026 2:50 PM	01:10:00	7.951 pH	16.22 °C	480.3 µS/cm	5.102 mg/L	1.150 NTU	148.9 mV	31.74 ft	200.0 ml/min
2/4/2026 2:55 PM	01:15:00	7.930 pH	16.21 °C	493.0 µS/cm	4.798 mg/L	0.730 NTU	145.9 mV	31.70 ft	200.0 ml/min
2/4/2026 3:00 PM	01:20:00	7.912 pH	16.38 °C	499.6 µS/cm	4.600 mg/L	0.940 NTU	142.2 mV	31.70 ft	200.0 ml/min
2/4/2026 3:05 PM	01:25:00	7.896 pH	16.47 °C	507.2 µS/cm	4.374 mg/L	0.740 NTU	140.8 mV	31.70 ft	200.0 ml/min
2/4/2026 3:10 PM	01:30:00	7.883 pH	16.61 °C	510.8 µS/cm	4.201 mg/L	1.300 NTU	141.2 mV	31.70 ft	200.0 ml/min
2/4/2026 3:15 PM	01:35:00	7.871 pH	16.39 °C	515.1 µS/cm	4.065 mg/L	1.040 NTU	139.9 mV	31.70 ft	200.0 ml/min
2/4/2026 3:20 PM	01:40:00	7.862 pH	16.29 °C	523.5 µS/cm	3.928 mg/L	0.680 NTU	138.3 mV	31.75 ft	200.0 ml/min
2/4/2026 3:25 PM	01:45:00	7.852 pH	16.18 °C	524.9 µS/cm	3.779 mg/L	0.570 NTU	138.0 mV	31.70 ft	200.0 ml/min
2/4/2026 3:30 PM	01:50:00	7.840 pH	16.28 °C	528.1 µS/cm	3.678 mg/L	0.650 NTU	136.3 mV	31.70 ft	200.0 ml/min
2/4/2026 3:35 PM	01:55:00	7.832 pH	16.05 °C	530.8 µS/cm	3.579 mg/L	0.970 NTU	134.0 mV	31.70 ft	200.0 ml/min
2/4/2026 3:40 PM	02:00:00	7.832 pH	16.01 °C	532.8 µS/cm	3.531 mg/L	1.210 NTU	131.5 mV	31.70 ft	200.0 ml/min
2/4/2026 3:45 PM	02:05:00	7.823 pH	16.10 °C	537.4 µS/cm	3.480 mg/L	1.110 NTU	131.0 mV	31.70 ft	200.0 ml/min
2/4/2026 3:50 PM	02:10:00	7.817 pH	16.09 °C	537.9 µS/cm	3.370 mg/L	1.020 NTU	130.3 mV	31.70 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-24D	Grab.

Low-Flow Test Report:

Test Date / Time: 2/6/2026 9:20:04 AM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: MW-27D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 53.19 ft** **Total Depth: 63.19 ft** **Initial Depth to Water: 19.01 ft**	**Pump Type: Bladder** **Tubing Type: Polyethylene** **Pump Intake From TOC: 58.19 ft** **Estimated Total Volume Pumped: 28.5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 100 ml/min** **Final Draw Down: 30.62 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Seven bottles: Full App. III & IV and Major Ions.

Weather Conditions:
Clear, 30 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/6/2026 9:20 AM	00:00	8.866 pH	15.75 °C	305.3 µS/cm	1.649 mg/L	1.940 NTU	108.6 mV	21.86 ft	250.0 ml/min
2/6/2026 9:25 AM	05:00	8.776 pH	16.20 °C	315.8 µS/cm	0.882 mg/L	1.700 NTU	62.6 mV	24.31 ft	250.0 ml/min
2/6/2026 9:30 AM	10:00	8.783 pH	16.26 °C	311.2 µS/cm	0.574 mg/L	1.830 NTU	47.4 mV	25.97 ft	250.0 ml/min
2/6/2026 9:35 AM	15:00	8.830 pH	16.40 °C	305.1 µS/cm	0.536 mg/L	1.950 NTU	45.0 mV	27.72 ft	250.0 ml/min
2/6/2026 9:40 AM	20:00	8.908 pH	16.47 °C	297.1 µS/cm	0.552 mg/L	1.820 NTU	43.6 mV	29.84 ft	250.0 ml/min
2/6/2026 9:45 AM	25:00	9.043 pH	16.33 °C	293.8 µS/cm	0.588 mg/L	1.850 NTU	40.5 mV	31.46 ft	250.0 ml/min
2/6/2026 9:50 AM	30:00	9.520 pH	16.29 °C	281.5 µS/cm	0.933 mg/L	3.480 NTU	39.6 mV	33.20 ft	250.0 ml/min
2/6/2026 9:55 AM	35:00	10.12 pH	16.37 °C	268.3 µS/cm	1.951 mg/L	4.360 NTU	35.5 mV	35.06 ft	250.0 ml/min
2/6/2026 10:00 AM	40:00	10.37 pH	16.37 °C	264.7 µS/cm	2.446 mg/L	4.750 NTU	31.4 mV	36.71 ft	250.0 ml/min
2/6/2026 10:05 AM	45:00	10.49 pH	16.47 °C	264.8 µS/cm	2.723 mg/L	4.890 NTU	26.5 mV	38.15 ft	250.0 ml/min
2/6/2026 10:10 AM	50:00	10.58 pH	16.46 °C	267.3 µS/cm	2.887 mg/L	4.300 NTU	23.2 mV	39.44 ft	250.0 ml/min
2/6/2026 10:15 AM	55:00	10.65 pH	16.75 °C	272.0 µS/cm	3.027 mg/L	4.140 NTU	18.7 mV	41.03 ft	250.0 ml/min
2/6/2026 10:20 AM	01:00:00	10.63 pH	16.56 °C	268.5 µS/cm	3.080 mg/L	3.980 NTU	19.6 mV	42.51 ft	250.0 ml/min

2/6/2026 10:25 AM	01:05:00	10.59 pH	16.52 °C	266.5 µS/cm	3.099 mg/L	3.830 NTU	20.4 mV	43.65 ft	250.0 ml/min
2/6/2026 10:30 AM	01:10:00	10.55 pH	16.69 °C	261.1 µS/cm	3.072 mg/L	4.160 NTU	23.5 mV	44.99 ft	250.0 ml/min
2/6/2026 10:35 AM	01:15:00	10.52 pH	16.52 °C	261.0 µS/cm	3.068 mg/L	3.940 NTU	25.6 mV	46.19 ft	250.0 ml/min
2/6/2026 10:40 AM	01:20:00	10.48 pH	16.78 °C	258.4 µS/cm	3.037 mg/L	3.730 NTU	27.9 mV	47.47 ft	250.0 ml/min
2/6/2026 10:45 AM	01:25:00	10.44 pH	16.40 °C	253.0 µS/cm	3.036 mg/L	3.680 NTU	29.6 mV	48.02 ft	100.0 ml/min
2/6/2026 10:50 AM	01:30:00	10.27 pH	14.94 °C	245.0 µS/cm	3.082 mg/L	3.790 NTU	35.5 mV	48.19 ft	100.0 ml/min
2/6/2026 10:55 AM	01:35:00	9.859 pH	14.71 °C	255.7 µS/cm	2.984 mg/L	3.330 NTU	48.7 mV	48.34 ft	100.0 ml/min
2/6/2026 11:00 AM	01:40:00	9.700 pH	14.62 °C	261.0 µS/cm	2.806 mg/L	2.960 NTU	52.1 mV	48.52 ft	100.0 ml/min
2/6/2026 11:05 AM	01:45:00	9.588 pH	14.70 °C	266.6 µS/cm	2.588 mg/L	3.150 NTU	54.9 mV	48.69 ft	100.0 ml/min
2/6/2026 11:10 AM	01:50:00	9.525 pH	14.83 °C	266.7 µS/cm	2.446 mg/L	3.570 NTU	53.7 mV	48.81 ft	100.0 ml/min
2/6/2026 11:15 AM	01:55:00	9.469 pH	14.92 °C	268.6 µS/cm	2.278 mg/L	3.150 NTU	55.7 mV	48.96 ft	100.0 ml/min
2/6/2026 11:20 AM	02:00:00	9.407 pH	15.16 °C	271.0 µS/cm	2.127 mg/L	3.440 NTU	57.0 mV	49.11 ft	100.0 ml/min
2/6/2026 11:25 AM	02:05:00	9.370 pH	15.21 °C	271.4 µS/cm	2.033 mg/L	3.300 NTU	55.0 mV	49.24 ft	100.0 ml/min
2/6/2026 11:30 AM	02:10:00	9.348 pH	15.30 °C	274.0 µS/cm	1.929 mg/L	3.360 NTU	55.9 mV	49.38 ft	100.0 ml/min
2/6/2026 11:35 AM	02:15:00	9.321 pH	15.30 °C	275.3 µS/cm	1.866 mg/L	3.080 NTU	54.2 mV	49.50 ft	100.0 ml/min
2/6/2026 11:40 AM	02:20:00	9.301 pH	15.70 °C	276.1 µS/cm	1.798 mg/L	2.690 NTU	55.6 mV	49.63 ft	100.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-27D	Grab.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 10:41:31 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: MW-53 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 26.35 ft** **Total Depth: 36.35 ft** **Initial Depth to Water: 18.75 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 31.35 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:
One bottle: Metals. Total Iron: 0 mg/L. Ferrous Iron: 0 mg/L.

Weather Conditions:
Clear, some wind, 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	
2/10/2026 10:41 AM	00:00	6.828 pH	19.05 °C	716.0 µS/cm	0.240 mg/L	1.340 NTU	123.2 mV	18.75 ft	200.0 ml/min
2/10/2026 10:46 AM	05:00	6.846 pH	19.24 °C	719.3 µS/cm	0.183 mg/L	0.870 NTU	168.8 mV	18.75 ft	200.0 ml/min
2/10/2026 10:51 AM	10:00	6.832 pH	19.34 °C	715.2 µS/cm	0.160 mg/L	0.820 NTU	180.0 mV	18.75 ft	200.0 ml/min
2/10/2026 10:56 AM	15:00	6.825 pH	19.37 °C	712.8 µS/cm	0.148 mg/L	0.380 NTU	186.7 mV	18.75 ft	200.0 ml/min
2/10/2026 11:01 AM	20:00	6.836 pH	19.39 °C	711.9 µS/cm	0.128 mg/L	0.470 NTU	189.1 mV	18.75 ft	200.0 ml/min
2/10/2026 11:06 AM	25:00	6.838 pH	19.45 °C	714.9 µS/cm	0.127 mg/L	0.540 NTU	191.8 mV	18.75 ft	200.0 ml/min
2/10/2026 11:11 AM	30:00	6.836 pH	19.66 °C	712.6 µS/cm	0.119 mg/L	0.440 NTU	196.9 mV	18.75 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-53	Grab.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 2:58:17 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: MW-54 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 27.98 ft** **Total Depth: 37.98 ft** **Initial Depth to Water: 25.28 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 32.98 ft** **Estimated Total Volume Pumped: 22 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:
One bottle: Metals. Total Iron: 0 mg/L. Ferrous Iron: 0 mg/L.

Weather Conditions:
Mostly cloudy, 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	
2/10/2026 2:58 PM	00:00	5.472 pH	20.30 °C	514.5 µS/cm	1.607 mg/L	54.70 NTU	138.4 mV	25.28 ft	200.0 ml/min
2/10/2026 3:03 PM	05:00	5.909 pH	20.29 °C	565.7 µS/cm	1.143 mg/L	46.60 NTU	214.0 mV	25.28 ft	200.0 ml/min
2/10/2026 3:08 PM	10:00	6.090 pH	20.22 °C	581.7 µS/cm	0.913 mg/L	37.30 NTU	154.6 mV	25.28 ft	200.0 ml/min
2/10/2026 3:13 PM	15:00	6.193 pH	20.22 °C	596.4 µS/cm	0.812 mg/L	31.60 NTU	147.0 mV	25.28 ft	200.0 ml/min
2/10/2026 3:18 PM	20:00	6.252 pH	20.29 °C	603.2 µS/cm	0.765 mg/L	25.60 NTU	140.6 mV	25.28 ft	200.0 ml/min
2/10/2026 3:23 PM	25:00	6.305 pH	20.28 °C	609.6 µS/cm	0.736 mg/L	22.00 NTU	136.3 mV	25.30 ft	200.0 ml/min
2/10/2026 3:28 PM	30:00	6.349 pH	20.24 °C	614.3 µS/cm	0.695 mg/L	19.90 NTU	134.5 mV	25.30 ft	200.0 ml/min
2/10/2026 3:33 PM	35:00	6.418 pH	20.27 °C	624.9 µS/cm	0.655 mg/L	16.60 NTU	131.2 mV	25.28 ft	200.0 ml/min
2/10/2026 3:38 PM	40:00	6.446 pH	20.28 °C	629.8 µS/cm	0.677 mg/L	14.90 NTU	129.6 mV	25.28 ft	200.0 ml/min
2/10/2026 3:43 PM	45:00	6.520 pH	20.19 °C	639.8 µS/cm	0.584 mg/L	12.10 NTU	122.9 mV	25.28 ft	200.0 ml/min
2/10/2026 3:48 PM	50:00	6.565 pH	20.24 °C	646.9 µS/cm	0.558 mg/L	13.10 NTU	118.6 mV	25.28 ft	200.0 ml/min
2/10/2026 3:53 PM	55:00	6.599 pH	20.14 °C	653.3 µS/cm	0.538 mg/L	13.00 NTU	117.8 mV	25.28 ft	200.0 ml/min
2/10/2026 3:58 PM	01:00:00	6.612 pH	20.20 °C	655.5 µS/cm	0.550 mg/L	13.40 NTU	114.8 mV	25.28 ft	200.0 ml/min

2/10/2026 4:03 PM	01:05:00	6.635 pH	20.28 °C	600.7 µS/cm	0.521 mg/L	11.60 NTU	112.8 mV	25.28 ft	200.0 ml/min
2/10/2026 4:08 PM	01:10:00	6.654 pH	20.37 °C	659.3 µS/cm	0.531 mg/L	9.970 NTU	111.0 mV	25.30 ft	200.0 ml/min
2/10/2026 4:13 PM	01:15:00	6.674 pH	20.33 °C	662.4 µS/cm	0.515 mg/L	9.490 NTU	112.8 mV	25.30 ft	200.0 ml/min
2/10/2026 4:18 PM	01:20:00	6.680 pH	20.28 °C	661.6 µS/cm	0.525 mg/L	8.500 NTU	110.0 mV	25.30 ft	200.0 ml/min
2/10/2026 4:23 PM	01:25:00	6.684 pH	20.38 °C	663.2 µS/cm	0.527 mg/L	7.150 NTU	107.4 mV	25.30 ft	200.0 ml/min
2/10/2026 4:28 PM	01:30:00	6.696 pH	20.43 °C	664.0 µS/cm	0.523 mg/L	5.960 NTU	109.6 mV	25.30 ft	200.0 ml/min
2/10/2026 4:33 PM	01:35:00	6.703 pH	20.48 °C	665.1 µS/cm	0.520 mg/L	5.760 NTU	112.0 mV	25.28 ft	200.0 ml/min
2/10/2026 4:38 PM	01:40:00	6.711 pH	20.27 °C	664.5 µS/cm	0.527 mg/L	4.900 NTU	108.3 mV	25.28 ft	200.0 ml/min
2/10/2026 4:43 PM	01:45:00	6.711 pH	20.15 °C	666.7 µS/cm	0.517 mg/L	4.660 NTU	109.9 mV	25.28 ft	200.0 ml/min
2/10/2026 4:48 PM	01:50:00	6.722 pH	20.11 °C	666.9 µS/cm	0.509 mg/L	3.680 NTU	107.3 mV	25.28 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-54	Grab.

Low-Flow Test Report:

Test Date / Time: 2/11/2026 9:22:27 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: PT-08 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 31.93 ft** **Total Depth: 41.93 ft** **Initial Depth to Water: 25.65 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 36.93 ft** **Estimated Total Volume Pumped: 15 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: 1283118**

Test Notes:
One bottle: Metals. Total Iron: 2.0 mg/L. Ferrous Iron: 2.6 mg/L.

Weather Conditions:
Rainy, 58 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/11/2026 9:22 AM	00:00	6.865 pH	17.54 °C	578.5 µS/cm	0.570 mg/L	59.80 NTU	-10.7 mV	25.65 ft	200.0 ml/min
2/11/2026 9:27 AM	05:00	6.872 pH	17.71 °C	578.6 µS/cm	0.386 mg/L	46.30 NTU	-19.2 mV	25.65 ft	200.0 ml/min
2/11/2026 9:32 AM	10:00	6.894 pH	17.82 °C	577.8 µS/cm	0.328 mg/L	40.20 NTU	-19.1 mV	25.65 ft	200.0 ml/min
2/11/2026 9:37 AM	15:00	6.915 pH	17.74 °C	578.7 µS/cm	0.289 mg/L	30.30 NTU	-23.7 mV	25.65 ft	200.0 ml/min
2/11/2026 9:42 AM	20:00	6.924 pH	17.76 °C	582.2 µS/cm	0.265 mg/L	26.10 NTU	-26.0 mV	25.65 ft	200.0 ml/min
2/11/2026 9:47 AM	25:00	6.935 pH	17.87 °C	585.8 µS/cm	0.257 mg/L	17.60 NTU	-28.3 mV	25.65 ft	200.0 ml/min
2/11/2026 9:52 AM	30:00	6.942 pH	17.91 °C	573.1 µS/cm	0.231 mg/L	14.10 NTU	-28.0 mV	25.68 ft	200.0 ml/min
2/11/2026 9:57 AM	35:00	6.945 pH	17.91 °C	589.8 µS/cm	0.224 mg/L	11.89 NTU	-27.2 mV	25.66 ft	200.0 ml/min
2/11/2026 10:02 AM	40:00	6.952 pH	18.00 °C	594.7 µS/cm	0.214 mg/L	8.980 NTU	-29.7 mV	25.65 ft	200.0 ml/min
2/11/2026 10:07 AM	45:00	6.950 pH	18.03 °C	591.8 µS/cm	0.210 mg/L	7.900 NTU	-28.3 mV	25.64 ft	200.0 ml/min
2/11/2026 10:12 AM	50:00	6.954 pH	18.02 °C	592.2 µS/cm	0.204 mg/L	6.630 NTU	-29.0 mV	25.65 ft	200.0 ml/min
2/11/2026 10:17 AM	55:00	6.956 pH	17.97 °C	592.7 µS/cm	0.194 mg/L	5.660 NTU	-29.1 mV	25.65 ft	200.0 ml/min
2/11/2026 10:22 AM	01:00:00	6.957 pH	17.94 °C	593.3 µS/cm	0.191 mg/L	5.160 NTU	-28.8 mV	25.65 ft	200.0 ml/min

2/11/2026 10:27 AM	01:05:00	6.965 pH	17.93 °C	593.6 µS/cm	0.188 mg/L	4.750 NTU	-29.8 mV	25.65 ft	200.0 ml/min
2/11/2026 10:32 AM	01:10:00	6.962 pH	17.99 °C	594.5 µS/cm	0.187 mg/L	4.490 NTU	-30.5 mV	25.65 ft	200.0 ml/min
2/11/2026 10:37 AM	01:15:00	6.960 pH	18.01 °C	594.7 µS/cm	0.182 mg/L	4.100 NTU	-29.3 mV	25.65 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-PT-08	Grab.

Created using VuSitu from In-Situ, Inc.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 8:42:30 AM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: PT-09 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 20.47 ft** **Total Depth: 30.47 ft** **Initial Depth to Water: 17.77 ft**	**Pump Type: Peristaltic** **Tubing Type: Poly** **Pump Intake From TOC: 25.47 ft** **Estimated Total Volume Pumped: 8 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:
One bottle: Metals. Total Iron: 0 mg/L. Ferrous Iron: 0 mg/L.

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	
2/10/2026 8:42 AM	00:00	6.870 pH	15.58 °C	633.7 µS/cm	0.860 mg/L	0.460 NTU	159.6 mV	17.77 ft	200.0 ml/min
2/10/2026 8:47 AM	05:00	6.882 pH	16.14 °C	627.2 µS/cm	0.804 mg/L	0.630 NTU	154.9 mV	17.78 ft	200.0 ml/min
2/10/2026 8:51 AM	09:19	6.913 pH	16.37 °C	624.3 µS/cm	0.832 mg/L	1.280 NTU	189.3 mV	17.78 ft	200.0 ml/min
2/10/2026 8:56 AM	14:19	6.933 pH	16.50 °C	580.9 µS/cm	0.792 mg/L	0.770 NTU	148.5 mV	17.78 ft	200.0 ml/min
2/10/2026 9:01 AM	19:19	6.957 pH	16.64 °C	613.8 µS/cm	0.735 mg/L	0.530 NTU	141.3 mV	17.77 ft	200.0 ml/min
2/10/2026 9:06 AM	24:19	6.972 pH	16.71 °C	607.6 µS/cm	0.755 mg/L	--	138.6 mV	17.77 ft	200.0 ml/min
2/10/2026 9:07 AM	24:39	6.971 pH	16.72 °C	591.5 µS/cm	0.752 mg/L	0.640 NTU	156.9 mV	17.77 ft	200.0 ml/min
2/10/2026 9:12 AM	29:39	6.996 pH	16.83 °C	616.4 µS/cm	0.770 mg/L	--	186.5 mV	17.77 ft	200.0 ml/min
2/10/2026 9:12 AM	30:06	6.989 pH	16.84 °C	614.6 µS/cm	0.769 mg/L	0.890 NTU	187.1 mV	17.77 ft	200.0 ml/min
2/10/2026 9:17 AM	35:06	6.995 pH	16.99 °C	612.5 µS/cm	0.799 mg/L	0.670 NTU	149.1 mV	17.77 ft	200.0 ml/min
2/10/2026 9:22 AM	40:06	7.007 pH	17.04 °C	610.1 µS/cm	0.772 mg/L	0.580 NTU	147.6 mV	17.77 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-PT-09	Grab.

Created using VuSitu from In-Situ, Inc.

CALIBRATION REPORTS

Site Name: Plant Harmon

Field Instrumentation Calibration Form

Date: 2-3-26

Calibrated By: Z. Webb

Field Conditions: Clear, 28°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	128310 1
Turbidity Meter	LaMotte 2020e	1475-4011

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	240216SO	9/2026	AIR
pH (SU)	4.00	240216SO	9/2026	AIR
pH (SU)	7.00	240211II	9/2026	AIR
pH (SU)	10.00	240227LL	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	240205LL	9/2026	AIR

Calibration					
Time Start 0725		Time Finish 0823			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	4.631	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.509	± 0.1	GWMP
pH (SU)	7.00	7.00	4.620	± 0.1	GWMP
pH (SU)	10.00	10.00	4.492	± 0.1	GWMP
D.O. (%)	N/A	100.7	-0.436	± 10%	NA
ORP (mV)	228.0	228.5	5.161	± 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 2-3-26

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

Notes: No comments. No mid-day calibration.

ZW 2-3-26

Site Name: Plant Hammond

Calibrated By: S. Weatherly

Field Instrumentation Calibration Form

Date: 2/3/2026

Field Conditions: Clear / Rain

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283118
Turbidity Meter	LaMotte 2020e	~~SN1283118~~ 4137-26225 SW

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 0725		Time Finish 0823			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4.490	2.319	± 10% of standard	EPA 2023
pH (SU)	4.00	4.000	7.109	± 0.1	GWMP
pH (SU)	7.00	7.000	7.979	± 0.1	GWMP
pH (SU)	10.00	10.000	3.572	± 0.1	GWMP
D.O. (%)	N/A	100 %	2.848	± 10%	NA
ORP (mV)	228.0	228.0	3.397	± 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	SW 2/3/2026		± 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)		SW 2/3/2026	± 10% of standard	EPA 2023

Notes: No comments, No mid-day calibration.

SW 2/3/2026

Site Name: PLANT HAMMOND

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 02/03/2026

Field Conditions: CLEAR, 27°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUA TROLL	1282710
Turbidity Meter	LaMotte	1571-3019

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	09/2026	AIR
pH (SU)	4.00	~~24021711~~	↓	AIR
pH (SU)	7.00	24021711		AIR
pH (SU)	10.00	~~24021764~~		AIR
D.O. (%)	N/A	N/A		N/A
ORP (mV)	228.0	24020598	↓	AIR

Calibration					
Time Start 0720			Time Finish 0801		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	4.400	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.339	± 0.1	GWMP
pH (SU)	7.00	7.00	4.987	± 0.1	GWMP
pH (SU)	10.00	10.00	5.181	± 0.1	GWMP
D.O. (%)	N/A	13.57mg/L	2.766	± 10%	NA
ORP (mV)	228.0	228	4.840	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	BLANK	0	± 10% of standard	EPA 2023
	1	0.91		
	10	10.00		
	—	—		

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

AU 2/3/2026

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

Notes: NO COMMENTS; NO MIDDAY CALIBRATION

AU 2/3/2026

Site Name: PLANT HAMMOND

Field Instrumentation Calibration Form

Date: 2/4/2026

Calibrated By: A. ULRICH

Field Conditions: OVERCAST, 48° F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL	783501
Turbidity Meter	LAMOTTE	1571-3019

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		ATR
pH (SU)	7.00	24071711		ATR
pH (SU)	10.00	24072744		ATR
D.O. (%)	N/A	N/A		—
ORP (mV)	228.0	24020999		ATR

Calibration					
Time Start 0720		Time Finish 0738			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	11.93	± 10% of standard	EPA 2023
pH (SU)	4.00	4.007	11.30	± 0.1	GWMP
pH (SU)	7.00	7.052	11.41	± 0.1	GWMP
pH (SU)	10.00	10.00	11.48	± 0.1	GWMP
D.O. (%)	N/A	102.9	11.41	± 10%	NA
ORP (mV)	228.0	226	11.41	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	BLANK	—	± 10% of standard	EPA 2023
	1	0.975		
	10	10.20		
	—	—		

Calibration Check					
Time Start 1640		Time Finish 1655			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4501	10.80	± 10% of standard	EPA 2023
pH (SU)	4.00	4.000	10.80	± 0.1	GWMP
pH (SU)	7.00	7.161	10.57	± 0.1	GWMP
pH (SU)	10.00	10.000	10.57	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1.0	1.0	± 10% of standard	EPA 2023
	10.0	10.0		
	—	—		
	—	—		

Notes: NO COMMENTS

AU 2/4/26

Field Instrumentation Calibration Form

Site Name: PLANT HAMMOND

Date: 2/5/2026

Calibrated By: A. ULLRICH

Field Conditions: MOSTLY CLOUDY, 33°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	9/2026	AIR
pH (SU)	4.00	24021650		
pH (SU)	7.00	24021711		
pH (SU)	10.00	24072794		
D.O. (%)	N/A	N/A		
ORP (mV)	228.0	24020598		

Calibration					
Time Start	0710	Time Finish	0720		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4472	5.775	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	5.921	± 0.1	GWMP
pH (SU)	7.00	6.900	5.881	± 0.1	GWMP
pH (SU)	10.00	10.06	6.128	± 0.1	GWMP
D.O. (%)	N/A	100	5.587	± 10%	NA
ORP (mV)	228.0	236.3	5.931	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1.00	1.01	± 10% of standard	EPA 2023
	10.00	10.03		

Calibration Check					
Time Start	1320	Time Finish	1323		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	11.72	± 10% of standard	EPA 2023
pH (SU)	4.00	4.000	10.97	± 0.1	GWMP
pH (SU)	7.00	7.000	8.710	± 0.1	GWMP
pH (SU)	10.00	10.040	7.762	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1	1.08	± 10% of standard	EPA 2023
	10	10.06		

Notes: No Comments

AC 2/5/2026

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2/5/2026

Calibrated By: S. Weatherly

Field Conditions: Clear, 32°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AIR/AquaTroll 400	1283118
Turbidity Meter	LaMotte/2020v	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 0725		**Time Finish** 0757			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	3.104	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	3.855	± 0.1	GWMP
pH (SU)	7.00	7.00	5.157	± 0.1	GWMP
pH (SU)	10.00	10.00	5.500	± 0.1	GWMP
D.O. (%)	N/A	100%	3.581	± 10%	NA
ORP (mV)	228.0	228.0	5.323	± 10	EPA 2023

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

Calibration Check					
Time Start 1310		**Time Finish** 1334			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	8.675	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	8.849	± 0.1	GWMP
pH (SU)	7.00	7.00	8.713	± 0.1	GWMP
pH (SU)	10.00	10.00	8.803	± 0.1	GWMP

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

Notes: No comments.

SW 2/5/2026

Site Name: Plant Hammond

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-6-26

Field Conditions: Clear, 28°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaSight 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 0705		**Time Finish** 0725			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	4.206	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.206	± 0.1	GWMP
pH (SU)	7.00	7.00	4.583	± 0.1	GWMP
pH (SU)	10.00	10.00	4.606	± 0.1	GWMP
D.O. (%)	N/A	100%	3.791	± 10%	NA
ORP (mV)	228.0	228.0	3.814	± 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 1205		**Time Finish** 1221			
Parameter	**Standard**	**Calibration Value**	**Calibration Solution Temperature (°C)**	**Acceptance Criteria**	**Reference**
Specific Conductance (µS/cm)	4,490	4490	9.133	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	9.147	± 0.1	GWMP
pH (SU)	7.00	7.00	7.863	± 0.1	GWMP
pH (SU)	10.00	10.00	6.678	± 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 2-6-26

Site Name: PLANT HAMMOND

Calibrated By: A. ULRICH

Field Instrumentation Calibration Form

Date: 2/6/2026

Field Conditions: CLEAR, 27°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUAREAD	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	AIK
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	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	5.288	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	5.365	± 0.1	GWMP
pH (SU)	7.00	7.00	5.340	± 0.1	GWMP
pH (SU)	10.00	10.08	5.375	± 0.1	GWMP
D.O. (%)	N/A	108.1	—	± 10%	NA
ORP (mV)	228.0	229.8	5.063	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1	0.99	± 10% of standard	EPA 2023
	10	9.93		
	—	—		
	—	—		

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	4490	15.22	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	14.87	± 0.1	GWMP
pH (SU)	7.00	7.00	13.43	± 0.1	GWMP
pH (SU)	10.00	10.00	12.84	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1	1.10	± 10% of standard	EPA 2023
	10	9.93		
	—	—		
	—	—		

Notes: No comments

AU 2/6/26

Field Instrumentation Calibration Form

Site Name: PLANT HAMMOND

Date: 2/10/2026

Calibrated By: A. ULLRICH

Field Conditions: CLEAR, 46°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTROLL	1283501
Turbidity Meter	Amotye	1571-3019

Calibration Standard Information

Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIT
pH (SU)	4.00	24021650		
pH (SU)	7.00	24021711		
pH (SU)	10.00	24022764		
D.O. (%)	N/A			
ORP (mV)	228.0	24020546		

Calibration

Time Start 0705 Time Finish 0730

Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,490	9.875	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.05	± 0.1	GWMP
pH (SU)	7.00	7.00	10.33	± 0.1	GWMP
pH (SU)	10.00	10.00	10.41	± 0.1	GWMP
D.O. (%)	N/A	AU ~~100~~ 100 %	9.106	± 10%	NA
ORP (mV)	228.0	228	10.35	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1.0	1.06		
	10.0	10.00		

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	22.44	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	22.19	± 0.1	GWMP
pH (SU)	7.00	7.00	20.24	± 0.1	GWMP
pH (SU)	10.00	10.00	19.82	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	0	0	± 10% of standard	EPA 2023
	1.0	1.0		
	10.0	10.0		

Notes: RESTORED CALIBRATION DEFAULTS ON pH AT MORNING CALIBRATION.
RESTORED CALIBRATION DEFAULTS ON CONDUCTIVITY AT MIDDAY CALIBRATION.

AU 2/10/26

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2-11-26

Calibrated By: Z. Webb

Field Conditions: Clear, 57°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283118
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	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 0722		Time Finish 0742			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	16.26	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	16.33	± 0.1	GWMP
pH (SU)	7.00	7.00	16.69	± 0.1	GWMP
pH (SU)	10.00	10.00	16.83	± 0.1	GWMP
D.O. (%)	N/A	100%	16.34	± 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		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 2-11-26		± 0.1	GWMP

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

Notes: ZW calibrated equipment for AM.

ZW 2-11-26

APPENDIX C

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 Ash Pond 1 (AP-1)
Statistical Analysis – 1st 2026 Semi-Annual Sample Event

Dear Mr. Chris Tidwell,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the 1st 2026 Semi-Annual Groundwater Detection and Assessment Monitoring statistical summary of groundwater data for Georgia Power Company's Plant Hammond AP-1. The analysis complies with the federal rule for the Disposal of Coal Combustion Residuals from Electric Utilities (CCR Rule, 2015), the Georgia Environmental Protection Division (EPD) Rules for Solid Waste Management Chapter 391-3-4-.10 and follows the United States Environmental Protection Agency (USEPA) Unified Guidance (2009).

Sampling began for the Coal Combustion Residuals (CCR) program in 2016, and at least 8 background samples have been collected at each of the upgradient and downgradient groundwater monitoring wells. The monitoring well network, as provided by Southern Company Services, consists of the following:

- **Upgradient wells:** HGWA-1, HGWA-2, HGWA-3, HGWA-43D, and HGWA-44D
- **Downgradient wells:** HGWC-7, HGWC-8, HGWC-9, HGWC-10, HGWC-11, HGWC-12, and HGWC-13
- **Assessment wells:** MW-19, MW-20, MW-24D, and MW-27D

Sampling at upgradient wells HGWA-43D and HGWA-44D began in September 2020 and all data from these wells are included in construction of interwell statistical limits. Sampling at assessment wells began in March 2019. Data from these wells are plotted on

the time series graphs and box plots, and are evaluated for Appendix IV constituents using confidence intervals, which require a minimum sample size of n=4.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician for Groundwater Stats Consulting. The statistical analysis was performed according to the groundwater screening that was performed in April 2018 by GSC and approved by Dr. Cameron, PhD Statistician with MacStat Consulting and primary author of the USEPA Unified Guidance (2009).

The CCR program consists of the constituents listed below. The terms "parameters" and "constituents" are used interchangeably.

- **Appendix III** (Detection Monitoring) **-** boron, calcium, chloride, fluoride, pH, sulfate, and TDS
- **Appendix IV** (Assessment Monitoring) **–** antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

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

For all constituents, a substitution of the most recent reporting limit is used for non-detect data. In the cases of lithium and selenium, historical reporting limits vary among the wells. Therefore, the reporting limits of 0.002 mg/L and 0.005 mg/L, which are the most recent reporting limit provided by the laboratory, were substituted across all wells, respectively.

Time series plots for Appendix III and IV parameters at all wells are provided for the purpose of screening data at these wells (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 list of flagged values follows this report (Figure C).

In earlier analyses, data at all wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method for Appendix III parameters 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 with the previous screening to demonstrate that the selected statistical methods for Appendix III parameters comply with the USEPA Unified Guidance. 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.

Summary of Statistical Methods

- Interwell prediction limits combined with a 1-of-2 resample plan for all Appendix III constituents: boron, calcium, chloride, fluoride, pH, sulfate, and TDS.
- Confidence intervals compared to Groundwater Protection Standards (GWPS) for all Appendix IV constituents: antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, combined radium 226 + 228, fluoride, lead, lithium, mercury, molybdenum, selenium, and thallium

Parametric prediction limits, tolerance limits, and confidence intervals 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 annual false positive rate associated with parametric limits is fixed at 10% as recommended by the EPA Unified Guidance (2009), the false positive rate associated with nonparametric limits is not fixed and depends 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 as appropriate. 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.

Note that values shown on data pages reflect raw data and any non-detects that have been substituted with one-half of the reporting limit (for data sets containing <15% non-detects as described above) are shown as the original reporting limit.

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 screening for any new outliers. In some cases, an earlier portion of data may require deselection prior to construction of limits to provide sensitive limits that will 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. When this step is required, a summary of any adjusted records will be provided.

For Appendix III detection monitoring parameters, compliance is determined by comparing the most recent observation to a background prediction limit. The corresponding trend tests for evaluating prediction limit exceedances of Appendix III parameters are performed at the 99% confidence level to provide a high level of confidence against false positives. For Appendix IV assessment monitoring parameters, however, compliance is assessed by comparing a full (or truncated) period of record to a GWPS using a confidence interval. The corresponding trend tests for evaluating confidence interval exceedances of Appendix IV constituents are performed at the 95% confidence level to provide greater capability of identifying potential trends than the 99% confidence level. Additionally, the 95% confidence level is recommended in cases with limited sample sizes and, particularly, for new assessment wells.

Statistical Analysis of Appendix III Parameters – February 2026

All Appendix III parameters were analyzed using interwell prediction limits. Background (upgradient) well data were reassessed for potential outliers during this analysis. No values were flagged as shown in the outlier summary following this report (Figure C).

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed for Appendix III parameters using all historical upgradient well data through February 2026 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The February 2026 sample from each downgradient

well is compared to the background limit to determine whether initial exceedances are present.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When a 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; therefore, no exceedance is noted and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance.

When the February 2026 compliance data from downgradient wells were compared to interwell prediction limits, exceedances were identified for the following well/constituent pairs:

- Boron: HGWC-7, HGWC-8, HGWC-9, HGWC-12, and HGWC-13
- Calcium: HGWC-9 and HGWC-12
- Chloride: HGWC-9
- Sulfate: HGWC-8, HGWC-9, HGWC-10, HGWC-11, HGWC-12, and HGWC-13

Trend Test Evaluation – Appendix III

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test to determine whether concentrations are statistically increasing, decreasing, or stable at the 99% confidence level (Figure E). Upgradient well data are included in the trend analyses for all parameters found to exceed their prediction limit in downgradient wells to identify whether similar patterns exist upgradient of the site. Upgradient trends are an indication of variability in groundwater unrelated to practices at the site. A summary of the trend test results follows this letter. Statistically significant trends were noted for the following well/constituent pairs:

Increasing

- Boron: HGWA-2 and HGWA-44D (both upgradient)
- Calcium: HGWA-2 and HGWA-3 (both upgradient)
- Chloride: HGWA-44D (upgradient)
- Sulfate: HGWA-2 (upgradient)

Decreasing

- Boron: HGWA-43D (upgradient), HGWC-12, and HGWC-13
- Calcium: HGWA-44D (upgradient)
- Chloride: HGWA-3 (upgradient) and HGWC-9
- Sulfate: HGWA-43D (upgradient), HGWC-8, HGWC-9, HGWC-10, HGWC-11, and HGWC-12

Statistical Methods – Appendix IV Parameters

Appendix IV parameters are evaluated by statistically comparing the mean or median of each downgradient well/constituent pair against corresponding GWPS. The GWPS may be either regulatory (Maximum Contaminant Limits (MCL) or CCR rule-specified limits) or site-specific limits that are based on upgradient background groundwater quality. Site-specific background limits are determined using tolerance limits, and the comparison of downgradient means or medians to GWPS is performed using confidence intervals. The methods are described below.

Statistical Evaluation of Appendix IV Parameters – February 2026

For Appendix IV parameters, confidence intervals for each downgradient and assessment well/constituent pair were compared against corresponding GWPS. GWPS were developed as described below. Well/constituent pairs containing 100% non-detects do not require analyses.

Data from all wells for Appendix IV parameters are reassessed for outliers during each analysis. No values were flagged as outliers during this analysis. In previous reports, elevated concentrations for lithium at upgradient well HGWA-44D were flagged as outliers. More recent concentrations have continued to increase for lithium at upgradient well HGWA-44D; therefore, the record was truncated, in lieu of flagged outliers, to use observations between September 2020 and January 2023 to maintain conservative limits (i.e., lower) from a regulatory perspective. If further studies indicate the truncated measurements represent variation in groundwater quality, the values will be re-evaluated for construction of interwell upper tolerance limits. A list of any well/constituent pairs using a truncated portion of their record follows this letter.

Interwell Upper Tolerance Limits

Interwell upper tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through February 2026 for Appendix IV constituents (Figure F). Parametric tolerance limits are calculated, with a target of 95%

confidence and 95% coverage, when data follow a normal or transformed-normal distribution, such as the case for combined radium 226 + 228. When data contained greater than 50% non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used.

Groundwater Protection Standards

The background limits were then used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a). On July 30, 2018, US EPA revised the Federal CCR rule updating GWPS for cobalt, lead, lithium, and molybdenum as described above in 40 CFR §257.95(h)(2). Effective on February 22, 2022, Georgia EPD incorporated the updated GWPS into the current Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). In accordance with the updated Rules, the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title
- Where an MCL has not been established for a constituent, Federal and State CCR Rules specify levels for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), and molybdenum (0.100 mg/L)
- The respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule identified GWPS

Following Georgia EPD Rule requirements and the Federal CCR requirements, GWPS were established for statistical comparison of Appendix IV constituents for this sample event (Figure G).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals using data through February 2026 were constructed for each of the Appendix IV constituents in each downgradient well with 8 or more samples and assessment wells with 4 or more samples.

Confidence intervals were constructed as either parametric or nonparametric confidence intervals depending on the data distribution and percentage of non-detects. When data followed a normal or transformed-normal distribution, parametric confidence intervals were used for Appendix IV parameters. Nonparametric confidence intervals, which use the appropriate order statistics as interval limits depending on the sample size, were constructed when data did not follow a normal or transformed-normal distribution or when there were greater than 50% non-detects. The lower confidence limit, which is constructed with 99% confidence for parametric confidence intervals, is compared to the

GWPS prepared as described above. The achievable confidence level associated with nonparametric confidence intervals is dependent upon the number of samples available.

Confidence intervals were compared to the GWPS prepared as described above (Figure H). Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. Summaries of the confidence interval results, along with graphical comparison against GWPS follow this letter. Exceedances were noted for the following well/constituent pairs:

- Arsenic: HGWC-13
- Molybdenum: HGWC-8

Trend Test Evaluation – Appendix IV

Data at wells with confidence interval exceedances are further evaluated using the Sen's Slope/Mann Kendall trend test at the 95% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure I). Upgradient wells are included in the trend analyses to identify whether similar patterns exist upgradient of the site for the same constituents. When trends are present in upgradient wells, it is an indication of variability in groundwater quality unrelated to practices at the site. A summary of the Appendix IV trend test results follows this letter. Statistically significant trends were identified for the following well/constituent pairs:

Increasing trend:
- Arsenic: HGWC-13

Decreasing trend:
- Molybdenum: HGWC-8

Summary

Observations from the February 2026 sample event at Hammond AP-1 were compared to established interwell prediction limits for all Appendix III constituents. Exceedances were identified for the following well/constituent pairs:

- Boron: HGWC-7, HGWC-8, HGWC-9, HGWC-12, and HGWC-13
- Calcium: HGWC-9 and HGWC-12
- Chloride: HGWC-9
- Sulfate: HGWC-8, HGWC-9, HGWC-10, HGWC-11, HGWC-12, and HGWC-13

When confidence intervals were constructed on downgradient and assessment wells for Appendix IV constituents and compared to respective GWPS, exceedances were noted for the following well/constituent pairs:

- Arsenic: HGWC-13
- Molybdenum: HGWC-8

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Hammond AP-1. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,



Andrew T. Collins
Project Manager



Kristina L. Rayner
Senior Statistician

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Summary Tables

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Date Ranges

Date: 4/6/2026 1:50 PM

Plant Hammond Client: Southern Company Data: Hammond AP-1

Lithium (mg/L)

HGWA-44D overall:9/16/2020-1/24/2023

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100% Non-Detects: Appendix IV Downgradient

Analysis Run 4/6/2026 2:02 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

Antimony (mg/L)
HGWC-12, MW-19, MW-20

Beryllium (mg/L)
HGWC-9, HGWC-10, HGWC-12, MW-20, MW-24D, MW-27D

Cadmium (mg/L)
HGWC-13, MW-20, MW-24D, MW-27D

Lithium (mg/L)
HGWC-10, HGWC-11

Mercury (mg/L)
HGWC-7, HGWC-8, HGWC-12, MW-19, MW-20, MW-24D, MW-27D

Molybdenum (mg/L)
MW-20

Selenium (mg/L)
HGWC-7, MW-20

Thallium (mg/L)
HGWC-7, HGWC-9, HGWC-10, MW-20, MW-24D, MW-27D

Appendix III Interwell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	HGWC-7	0.55	n/a	2/5/2026	0.69	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-8	0.55	n/a	2/5/2026	1.4	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-9	0.55	n/a	2/6/2026	2.1	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-12	0.55	n/a	2/5/2026	1.2	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-13	0.55	n/a	2/5/2026	0.7	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-9	138	n/a	2/6/2026	148	Yes	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-12	138	n/a	2/5/2026	148	Yes	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-9	44.8	n/a	2/6/2026	80.9	Yes	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-8	94.5	n/a	2/5/2026	103	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-9	94.5	n/a	2/6/2026	177	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-10	94.5	n/a	2/5/2026	96.7	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-11	94.5	n/a	2/5/2026	103	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-12	94.5	n/a	2/5/2026	157	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-13	94.5	n/a	2/5/2026	152	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**HGWC-7**	**0.55**	**n/a**	**2/5/2026**	**0.69**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-8**	**0.55**	**n/a**	**2/5/2026**	**1.4**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-9**	**0.55**	**n/a**	**2/6/2026**	**2.1**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	HGWC-10	0.55	n/a	2/5/2026	0.27	No	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-11	0.55	n/a	2/5/2026	0.33	No	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	**HGWC-12**	**0.55**	**n/a**	**2/5/2026**	**1.2**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-13**	**0.55**	**n/a**	**2/5/2026**	**0.7**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	HGWC-7	138	n/a	2/5/2026	105	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-8	138	n/a	2/5/2026	88.9	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	**HGWC-9**	**138**	**n/a**	**2/6/2026**	**148**	**Yes**	**110**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	HGWC-10	138	n/a	2/5/2026	122	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-11	138	n/a	2/5/2026	76.5	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	**HGWC-12**	**138**	**n/a**	**2/5/2026**	**148**	**Yes**	**110**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	HGWC-13	138	n/a	2/5/2026	125	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-7	44.8	n/a	2/5/2026	26.3	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-8	44.8	n/a	2/5/2026	24	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	**HGWC-9**	**44.8**	**n/a**	**2/6/2026**	**80.9**	**Yes**	**110**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	HGWC-10	44.8	n/a	2/5/2026	4.8	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-11	44.8	n/a	2/5/2026	3.2	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-12	44.8	n/a	2/5/2026	15.8	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-13	44.8	n/a	2/5/2026	15.2	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-7	1.5	n/a	2/5/2026	0.11	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-8	1.5	n/a	2/5/2026	0.39	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-9	1.5	n/a	2/6/2026	0.098J	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-10	1.5	n/a	2/5/2026	0.12	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-11	1.5	n/a	2/5/2026	0.22	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-12	1.5	n/a	2/5/2026	0.22	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-13	1.5	n/a	2/5/2026	0.39	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-7	8.6	4.57	2/5/2026	7.34	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-8	8.6	4.57	2/5/2026	6.58	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-9	8.6	4.57	2/6/2026	6.89	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-10	8.6	4.57	2/5/2026	6.75	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-11	8.6	4.57	2/5/2026	6.36	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-12	8.6	4.57	2/5/2026	7.11	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-13	8.6	4.57	2/5/2026	7.01	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-7	94.5	n/a	2/5/2026	90.5	No	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**HGWC-8**	**94.5**	**n/a**	**2/5/2026**	**103**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-9**	**94.5**	**n/a**	**2/6/2026**	**177**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-10**	**94.5**	**n/a**	**2/5/2026**	**96.7**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-11**	**94.5**	**n/a**	**2/5/2026**	**103**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-12**	**94.5**	**n/a**	**2/5/2026**	**157**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-13**	**94.5**	**n/a**	**2/5/2026**	**152**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	HGWC-7	632	n/a	2/5/2026	379	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-8	632	n/a	2/5/2026	357	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-9	632	n/a	2/6/2026	616	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-10	632	n/a	2/5/2026	384	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-11	632	n/a	2/5/2026	291	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-12	632	n/a	2/5/2026	527	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-13	632	n/a	2/5/2026	519	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	**HGWA-2 (bg)**	**0.002273**	**194**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWA-43D (bg)**	**-0.00399**	**-69**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWA-44D (bg)**	**0.04456**	**67**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWC-12**	**-0.1593**	**-215**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWC-13**	**-0.1636**	**-226**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-2 (bg)**	**1.662**	**167**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-3 (bg)**	**1.591**	**162**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-44D (bg)**	**-5.357**	**-83**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWA-3 (bg)**	**-0.1449**	**-213**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWA-44D (bg)**	**5.149**	**63**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWC-9**	**-9.472**	**-246**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWA-2 (bg)**	**3.409**	**221**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWA-43D (bg)**	**-3.504**	**-93**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-8**	**-13.17**	**-160**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-9**	**-5.615**	**-164**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-10**	**-11.99**	**-174**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-11**	**-14.06**	**-147**	**-118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-12**	**-8.662**	**-129**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	HGWA-1 (bg)	0	5	124	No	27	0	n/a	0.01	NP
Boron (mg/L)	**HGWA-2 (bg)**	**0.002273**	**194**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWA-3 (bg)	0.0002145	53	124	No	27	22.22	n/a	0.01	NP
Boron (mg/L)	**HGWA-43D (bg)**	**-0.00399**	**-69**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWA-44D (bg)**	**0.04456**	**67**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWC-7	0.00158	15	124	No	27	0	n/a	0.01	NP
Boron (mg/L)	HGWC-8	-0.06124	-122	-124	No	27	0	n/a	0.01	NP
Boron (mg/L)	HGWC-9	0.007846	42	118	No	26	0	n/a	0.01	NP
Boron (mg/L)	**HGWC-12**	**-0.1593**	**-215**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWC-13**	**-0.1636**	**-226**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWA-1 (bg)	1.955	121	124	No	27	0	n/a	0.01	NP
Calcium (mg/L)	**HGWA-2 (bg)**	**1.662**	**167**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-3 (bg)**	**1.591**	**162**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWA-43D (bg)	-0.7916	-23	-53	No	15	0	n/a	0.01	NP
Calcium (mg/L)	**HGWA-44D (bg)**	**-5.357**	**-83**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWC-9	-1.195	-62	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWC-12	-2.999	-95	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-1 (bg)	0.4303	76	124	No	27	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-2 (bg)	0.1797	104	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**HGWA-3 (bg)**	**-0.1449**	**-213**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	HGWA-43D (bg)	-0.05863	-29	-53	No	15	0	n/a	0.01	NP
Chloride (mg/L)	**HGWA-44D (bg)**	**5.149**	**63**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWC-9**	**-9.472**	**-246**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-1 (bg)	0.01199	2	124	No	27	0	n/a	0.01	NP
Sulfate (mg/L)	**HGWA-2 (bg)**	**3.409**	**221**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-3 (bg)	-1.363	-103	-124	No	27	0	n/a	0.01	NP
Sulfate (mg/L)	**HGWA-43D (bg)**	**-3.504**	**-93**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-44D (bg)	-1.49	-43	-53	No	15	6.667	n/a	0.01	NP
Sulfate (mg/L)	**HGWC-8**	**-13.17**	**-160**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-9**	**-5.615**	**-164**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-10**	**-11.99**	**-174**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-11**	**-14.06**	**-147**	**-118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-12**	**-8.662**	**-129**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWC-13	8.413	45	118	No	26	0	n/a	0.01	NP

Upper Tolerance Limits Summary Table

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:59 PM

Constituent	Upper Lim.	Bg N	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.002	116	86.21	n/a	n/a	0.002606	NP Inter(NDs)
Arsenic (mg/L)	0.0036	122	70.49	n/a	n/a	0.001915	NP Inter(NDs)
Barium (mg/L)	0.46	122	0	n/a	n/a	0.001915	NP Inter(normality)
Beryllium (mg/L)	0.0004	116	79.31	n/a	n/a	0.002606	NP Inter(NDs)
Cadmium (mg/L)	0.0005	122	84.43	n/a	n/a	0.001915	NP Inter(NDs)
Chromium (mg/L)	0.0079	116	85.34	n/a	n/a	0.002606	NP Inter(NDs)
Cobalt (mg/L)	0.038	122	71.31	n/a	n/a	0.001915	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.582	122	0	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	1.5	127	25.2	n/a	n/a	0.001482	NP Inter(normality)
Lead (mg/L)	0.001	116	75	n/a	n/a	0.002606	NP Inter(NDs)
Lithium (mg/L)	0.064	116	17.24	n/a	n/a	0.002606	NP Inter(normality)
Mercury (mg/L)	0.0002	99	97.98	n/a	n/a	0.006232	NP Inter(NDs)
Molybdenum (mg/L)	0.01	124	79.03	n/a	n/a	0.001729	NP Inter(NDs)
Selenium (mg/L)	0.005	122	95.08	n/a	n/a	0.001915	NP Inter(NDs)
Thallium (mg/L)	0.0005	122	99.18	n/a	n/a	0.001915	NP Inter(NDs)

PLANT HAMMOND AP-1 GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.002	0.006
Arsenic, Total (mg/L)	0.01		0.0036	0.01
Barium, Total (mg/L)	2		0.46	2
Beryllium, Total (mg/L)	0.004		0.0004	0.004
Cadmium, Total (mg/L)	0.005		0.0005	0.005
Chromium, Total (mg/L)	0.1		0.0079	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.038	0.038
Combined Radium, Total (pCi/L)	5		1.58	5
Fluoride, Total (mg/L)	4		1.5	4
Lead, Total (mg/L)	n/a	0.015	0.001	0.015
Lithium, Total (mg/L)	n/a	0.04	0.064	0.064
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.01	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

**Gray cell indicates background is higher than MCL or CCR-Rule*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

**GWPS = Groundwater Protection Statard*

Appendix IV Confidence Intervals - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	**HGWC-13**	**0.4474**	**0.3802**	**0.01**	**Yes**	**29**	**0.4138**	**0.07333**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**HGWC-8**	**0.4619**	**0.3733**	**0.1**	**Yes**	**30**	**0.4019**	**0.1236**	**0**	**None**	**x^2**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	HGWC-7	0.002	0.0017	0.006	No	27	0.001927	0.0003224	92.59	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-8	0.002	0.00064	0.006	No	27	0.00195	0.0002617	96.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-9	0.002	0.00092	0.006	No	27	0.001781	0.0005427	85.19	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-10	0.002	0.0018	0.006	No	27	0.001943	0.0002612	92.59	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-11	0.002	0.00038	0.006	No	27	0.00194	0.0003118	96.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-13	0.002	0.00061	0.006	No	27	0.001583	0.0007221	74.07	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-24D	0.002	0.0017	0.006	No	18	0.001846	0.0004026	83.33	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-27D	0.002	0.00031	0.006	No	18	0.001434	0.0008241	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-7	0.002	0.0019	0.01	No	29	0.001997	0.00001857	96.55	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-8	0.002	0.002	0.01	No	29	0.002	1.8e-11	96.55	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-9	0.002	0.0008	0.01	No	29	0.001815	0.0004858	82.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-10	0.002	0.00044	0.01	No	29	0.001946	0.0002897	96.55	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-11	0.0022	0.0018	0.01	No	29	0.002028	0.0009307	51.72	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-12	0.004174	0.003047	0.01	No	29	0.00361	0.00123	10.34	None	No	0.01	Param.
Arsenic (mg/L)	**HGWC-13**	**0.4474**	**0.3802**	**0.01**	**Yes**	**29**	**0.4138**	**0.07333**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	MW-19	0.002	0.00045	0.01	No	18	0.001914	0.0003653	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-20	0.0023	0.00094	0.01	No	18	0.001787	0.0005491	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-24D	0.002	0.00046	0.01	No	18	0.001914	0.000363	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-27D	0.005	0.001	0.01	No	18	0.003824	0.001961	72.22	None	No	0.01	NP (NDs)
Barium (mg/L)	HGWC-7	0.07592	0.06891	2	No	29	0.07241	0.007646	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-8	0.06973	0.05779	2	No	29	0.06376	0.01303	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-9	0.1113	0.08817	2	No	29	0.09974	0.02527	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-10	0.07889	0.06023	2	No	29	0.06956	0.02036	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-11	0.0457	0.03194	2	No	29	0.04039	0.01773	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	HGWC-12	0.1027	0.08105	2	No	29	0.09186	0.0236	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-13	0.0819	0.06283	2	No	29	0.07237	0.02082	0	None	No	0.01	Param.
Barium (mg/L)	MW-19	0.05488	0.03923	2	No	18	0.04706	0.01294	0	None	No	0.01	Param.
Barium (mg/L)	MW-20	0.09504	0.08829	2	No	18	0.09167	0.005584	0	None	No	0.01	Param.
Barium (mg/L)	MW-24D	0.056	0.043	2	No	18	0.05544	0.01894	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-27D	1.078	0.7363	2	No	18	0.9072	0.2826	0	None	No	0.01	Param.
Beryllium (mg/L)	HGWC-7	0.0004	0.00019	0.004	No	27	0.0003684	0.00009267	88.89	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-8	0.0004	0.000087	0.004	No	27	0.0002927	0.0001515	62.96	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-11	0.0004	0.00015	0.004	No	27	0.0003136	0.000137	70.37	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-13	0.0004	0.0001	0.004	No	27	0.0002783	0.0001508	59.26	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-19	0.0004	0.000058	0.004	No	18	0.000381	0.00008061	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-7	0.0005	0.0002	0.005	No	27	0.0004404	0.0001286	81.48	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-8	0.00029	0.00017	0.005	No	27	0.0003193	0.0003651	7.407	None	No	0.01	NP (normality)
Cadmium (mg/L)	HGWC-9	0.0005	0.0002	0.005	No	27	0.0004581	0.0001221	88.89	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-10	0.0005	0.0002	0.005	No	27	0.0004006	0.0001722	74.07	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-11	0.0005	0.0001	0.005	No	27	0.0004554	0.0001285	88.89	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-12	0.0005	0.0003	0.005	No	27	0.0004533	0.000118	85.19	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-19	0.0005	0.00017	0.005	No	18	0.0003461	0.0002406	33.33	None	No	0.01	NP (normality)
Chromium (mg/L)	HGWC-7	0.005	0.0021	0.1	No	27	0.00644	0.01302	70.37	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-8	0.005	0.0015	0.1	No	27	0.00439	0.001499	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-9	0.005	0.0013	0.1	No	27	0.004229	0.001654	81.48	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-10	0.005	0.0014	0.1	No	27	0.005137	0.003205	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-11	0.005	0.0012	0.1	No	27	0.004349	0.001597	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-12	0.005	0.0025	0.1	No	27	0.004586	0.001233	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-13	0.005	0.00059	0.1	No	27	0.004502	0.001436	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-19	0.005	0.0011	0.1	No	18	0.00369	0.001939	66.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-20	0.005	0.00071	0.1	No	18	0.004008	0.001912	77.78	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-24D	0.005	0.0017	0.1	No	18	0.004302	0.001629	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-27D	0.005	0.00082	0.1	No	18	0.004271	0.00168	83.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-7	0.0018	0.00067	0.038	No	29	0.00163	0.001636	17.24	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-8	0.0023	0.0018	0.038	No	29	0.00273	0.002741	6.897	None	No	0.01	NP (normality)

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	HGWC-9	0.001	0.00057	0.038	No	29	0.001436	0.00168	17.24	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-10	0.005	0.0012	0.038	No	29	0.004124	0.001748	79.31	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-11	0.005	0.0014	0.038	No	29	0.003313	0.00188	51.72	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-12	0.0016	0.0012	0.038	No	29	0.001479	0.0004313	10.34	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-13	0.006139	0.003124	0.038	No	29	0.005911	0.005429	3.448	None	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-19	0.03659	0.02418	0.038	No	18	0.03039	0.01026	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-20	0.005	0.0011	0.038	No	18	0.004783	0.0009192	94.44	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-24D	0.005	0.0011	0.038	No	18	0.004273	0.00168	83.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-27D	0.005	0.00045	0.038	No	18	0.004219	0.001798	83.33	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	HGWC-7	0.7684	0.4188	5	No	29	0.641	0.4455	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-8	0.8958	0.6081	5	No	29	0.752	0.314	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-9	0.8222	0.524	5	No	29	0.6731	0.3254	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-10	0.9727	0.5761	5	No	29	0.7744	0.4328	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-11	1.074	0.6638	5	No	29	0.8688	0.4475	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-12	0.9236	0.5407	5	No	29	0.7321	0.4179	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-13	0.8976	0.5611	5	No	29	0.7293	0.3672	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-19	0.83	0.4709	5	No	18	0.6504	0.2968	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-20	0.8757	0.4356	5	No	18	0.6557	0.3637	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-24D	0.532	0.2223	5	No	18	0.4034	0.2924	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-27D	1.301	0.7781	5	No	18	1.066	0.4782	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	HGWC-7	0.13	0.0828	4	No	31	0.1343	0.09944	6.452	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-8	0.5806	0.4297	4	No	31	0.5164	0.1818	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	HGWC-9	0.1974	0.09502	4	No	30	0.1703	0.1392	6.667	None	x^(1/3)	0.01	Param.
Fluoride (mg/L)	HGWC-10	0.1619	0.08513	4	No	30	0.1529	0.1265	13.33	None	ln(x)	0.01	Param.
Fluoride (mg/L)	HGWC-11	0.3594	0.2317	4	No	30	0.3088	0.1546	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	HGWC-12	0.3	0.19	4	No	30	0.2904	0.2122	3.333	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-13	0.634	0.4666	4	No	30	0.5503	0.1862	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-19	0.1997	0.1056	4	No	18	0.1681	0.1111	0	None	ln(x)	0.01	Param.
Fluoride (mg/L)	MW-20	0.1	0.074	4	No	18	0.09083	0.01419	66.67	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-24D	0.09733	0.05872	4	No	18	0.08856	0.03264	22.22	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	MW-27D	0.2865	0.225	4	No	18	0.2572	0.05345	0	None	sqrt(x)	0.01	Param.
Lead (mg/L)	HGWC-7	0.001	0.00051	0.015	No	26	0.000769	0.0003983	65.38	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-8	0.001	0.0002	0.015	No	25	0.000861	0.0003254	84	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-9	0.001	0.00022	0.015	No	25	0.0007326	0.0003996	68	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-10	0.001	0.00005	0.015	No	25	0.000962	0.00019	96	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-11	0.001	0.0003	0.015	No	25	0.0008024	0.0003623	76	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-12	0.001	0.00043	0.015	No	25	0.0008295	0.000354	80	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-13	0.001	0.00033	0.015	No	25	0.0007648	0.0003872	72	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-19	0.001	0.000085	0.015	No	16	0.000769	0.0004134	75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-20	0.001	0.00013	0.015	No	16	0.0007774	0.0003989	75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-24D	0.001	0.000064	0.015	No	16	0.000716	0.0004363	68.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-27D	0.001	0.00043	0.015	No	16	0.00091	0.000252	87.5	None	No	0.01	NP (NDs)
Lithium (mg/L)	HGWC-7	0.002578	0.002061	0.064	No	29	0.002319	0.0005649	3.448	None	No	0.01	Param.
Lithium (mg/L)	HGWC-8	0.002714	0.002195	0.064	No	29	0.002255	0.0008037	13.79	None	x^3	0.01	Param.
Lithium (mg/L)	HGWC-9	0.00419	0.003545	0.064	No	29	0.003793	0.000835	3.448	None	x^2	0.01	Param.
Lithium (mg/L)	HGWC-12	0.01011	0.008155	0.064	No	29	0.009133	0.002136	0	None	No	0.01	Param.
Lithium (mg/L)	HGWC-13	0.03988	0.03263	0.064	No	29	0.03626	0.007908	0	None	No	0.01	Param.
Lithium (mg/L)	MW-19	0.01175	0.007576	0.064	No	18	0.008973	0.004269	11.11	None	x^2	0.01	Param.
Lithium (mg/L)	MW-20	0.002	0.00094	0.064	No	18	0.001434	0.000507	38.89	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-24D	0.002957	0.002633	0.064	No	18	0.002795	0.0002672	0	None	No	0.01	Param.
Lithium (mg/L)	MW-27D	0.009172	0.006728	0.064	No	18	0.00795	0.00202	0	None	No	0.01	Param.
Mercury (mg/L)	HGWC-9	0.0002	0.00004	0.002	No	21	0.0001924	0.00003491	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-10	0.0002	0.00005	0.002	No	22	0.0001932	0.00003198	95.45	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-11	0.0002	0.00005	0.002	No	21	0.0001929	0.00003273	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-13	0.0002	0.00005	0.002	No	21	0.0001852	0.00004665	90.48	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	HGWC-7	0.04046	0.03208	0.1	No	30	0.03627	0.009312	0	None	No	0.01	Param.
Molybdenum (mg/L)	**HGWC-8**	**0.4619**	**0.3733**	**0.1**	**Yes**	**30**	**0.4019**	**0.1236**	**0**	**None**	**x^2**	**0.01**	**Param.**
Molybdenum (mg/L)	HGWC-9	0.031	0.0219	0.1	No	29	0.04049	0.08435	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	HGWC-10	0.01	0.0014	0.1	No	29	0.006696	0.004307	62.07	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	HGWC-11	0.02556	0.01641	0.1	No	29	0.02098	0.009983	0	None	No	0.01	Param.
Molybdenum (mg/L)	HGWC-12	0.04837	0.04488	0.1	No	29	0.04662	0.003816	0	None	No	0.01	Param.
Molybdenum (mg/L)	HGWC-13	0.03286	0.02467	0.1	No	29	0.02877	0.008939	0	None	No	0.01	Param.
Molybdenum (mg/L)	MW-19	0.04439	0.02161	0.1	No	18	0.033	0.01882	11.11	None	No	0.01	Param.
Molybdenum (mg/L)	MW-24D	0.0085	0.00095	0.1	No	18	0.004202	0.003951	22.22	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-27D	0.006555	0.001919	0.1	No	18	0.00635	0.008759	5.556	None	ln(x)	0.01	Param.
Selenium (mg/L)	HGWC-8	0.005	0.0024	0.05	No	29	0.00491	0.0004828	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-9	0.005	0.0037	0.05	No	29	0.004802	0.000849	93.1	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-10	0.005	0.0035	0.05	No	29	0.004214	0.001213	65.52	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-11	0.01279	0.006782	0.05	No	29	0.009786	0.006558	3.448	None	No	0.01	Param.
Selenium (mg/L)	HGWC-12	0.005	0.0011	0.05	No	29	0.004866	0.0007242	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-13	0.005	0.0016	0.05	No	29	0.004717	0.001077	93.1	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-19	0.004966	0.002784	0.05	No	18	0.004283	0.00175	16.67	Kaplan-Meier	No	0.01	Param.
Selenium (mg/L)	MW-24D	0.005	0.0015	0.05	No	18	0.004806	0.000825	94.44	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	MW-27D	0.005	0.00012	0.05	No	18	0.004729	0.00115	94.44	Kaplan-Meier	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-8	0.0005	0.00018	0.002	No	29	0.0004023	0.0001772	75.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-11	0.0005	0.00008	0.002	No	29	0.000471	0.0001083	93.1	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-12	0.0005	0.0002	0.002	No	29	0.0004181	0.0001645	79.31	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-13	0.0004169	0.0003298	0.002	No	29	0.0003734	0.00009502	13.79	None	No	0.01	Param.
Thallium (mg/L)	MW-19	0.0005	0.00026	0.002	No	18	0.0003867	0.0001251	50	None	No	0.01	NP (normality)

Appendix IV Trend Tests - Confidence Interval Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	**HGWC-13**	**0.01551**	**163**	**106**	**Yes**	**29**	**0**	**n/a**	**0.05**	**NP**
Molybdenum (mg/L)	**HGWC-8**	**-0.02905**	**-245**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

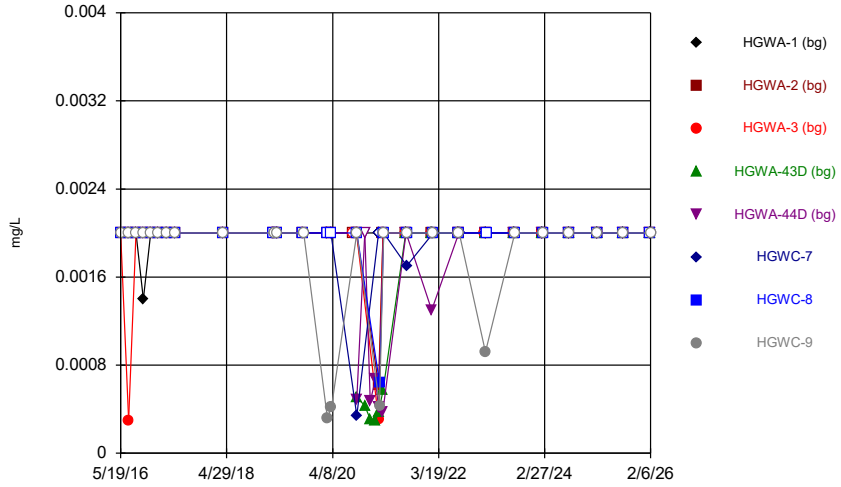
Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	HGWA-1 (bg)	0	8	112	No	30	90	n/a	0.05	NP
Arsenic (mg/L)	HGWA-2 (bg)	0	84	112	No	30	70	n/a	0.05	NP
Arsenic (mg/L)	HGWA-3 (bg)	0	63	112	No	30	66.67	n/a	0.05	NP
Arsenic (mg/L)	HGWA-43D (bg)	0	-12	-45	No	16	50	n/a	0.05	NP
Arsenic (mg/L)	HGWA-44D (bg)	0	-18	-45	No	16	62.5	n/a	0.05	NP
Arsenic (mg/L)	**HGWC-13**	**0.01551**	**163**	**106**	**Yes**	**29**	**0**	**n/a**	**0.05**	**NP**
Molybdenum (mg/L)	HGWA-1 (bg)	0	0	117	No	31	100	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-2 (bg)	0	0	112	No	30	100	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-3 (bg)	0	0	117	No	31	100	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-43D (bg)	-0.0005137	-14	-45	No	16	18.75	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-44D (bg)	0.001004	29	45	No	16	18.75	n/a	0.05	NP
Molybdenum (mg/L)	**HGWC-8**	**-0.02905**	**-245**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**

FIGURE A.

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Hollow symbols indicate censored values.

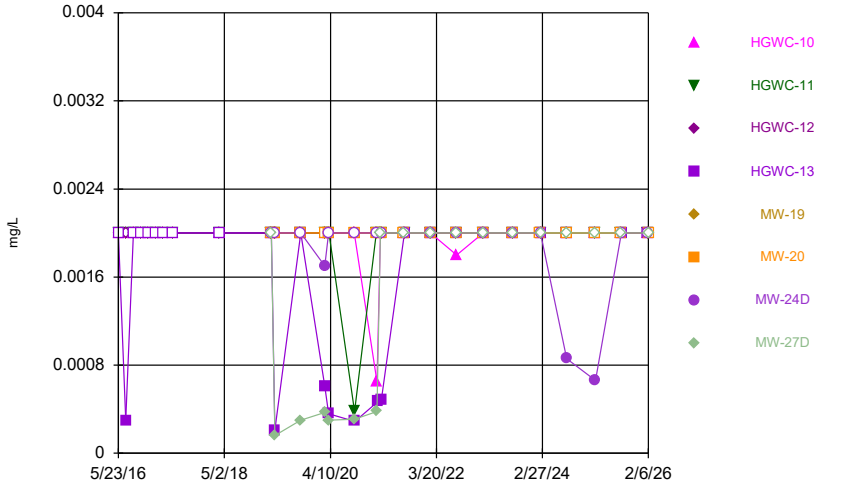
Time Series



Constituent: Antimony Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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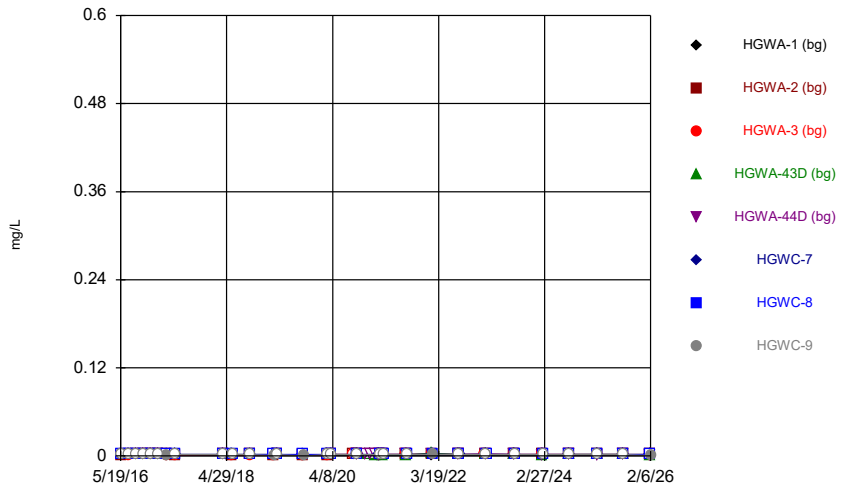
Time Series



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Plant Hammond Client: Southern Company Data: Hammond AP-1

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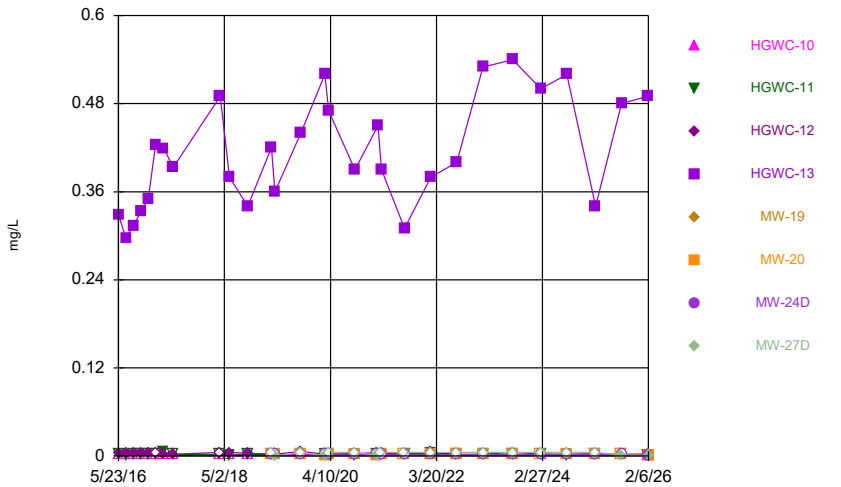
Time Series



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Plant Hammond Client: Southern Company Data: Hammond AP-1

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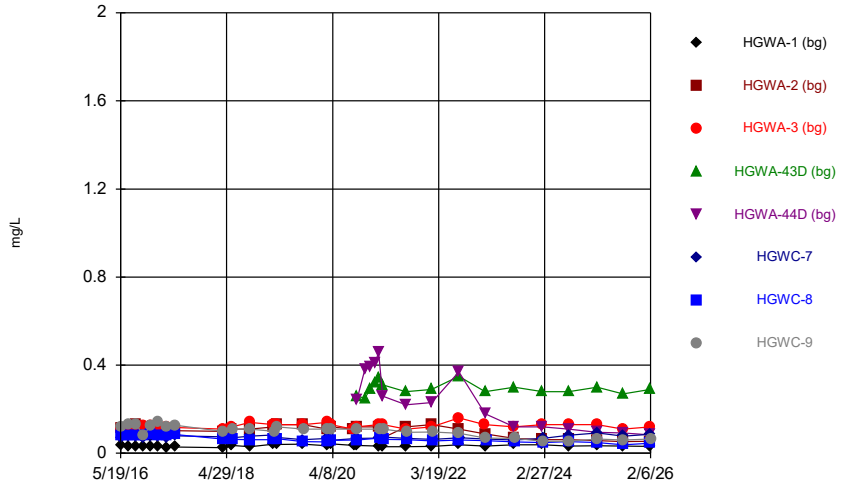
Time Series



Constituent: Arsenic Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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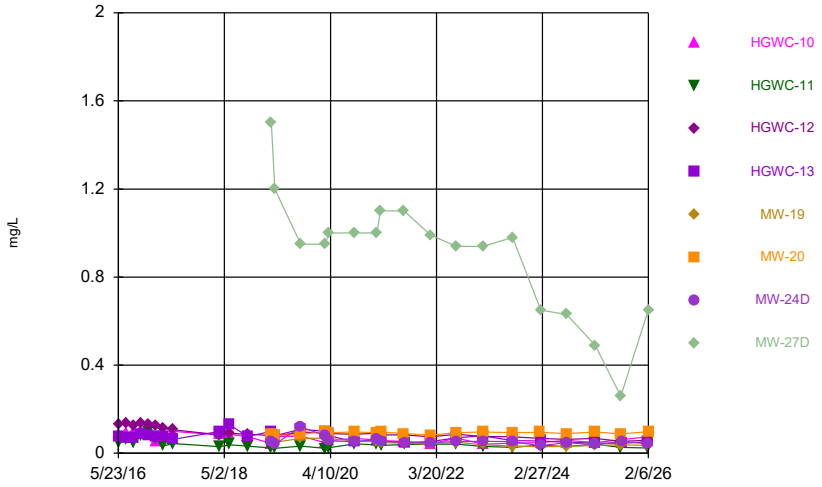
Time Series



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Plant Hammond Client: Southern Company Data: Hammond AP-1

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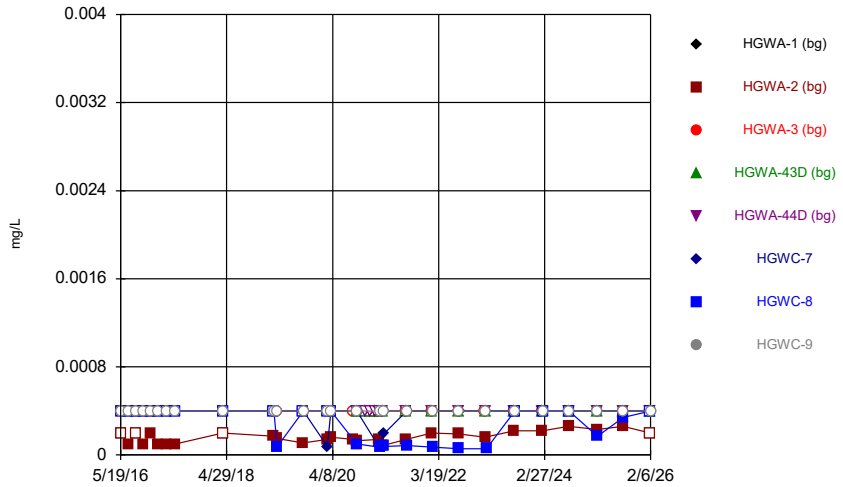
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Plant Hammond Client: Southern Company Data: Hammond AP-1

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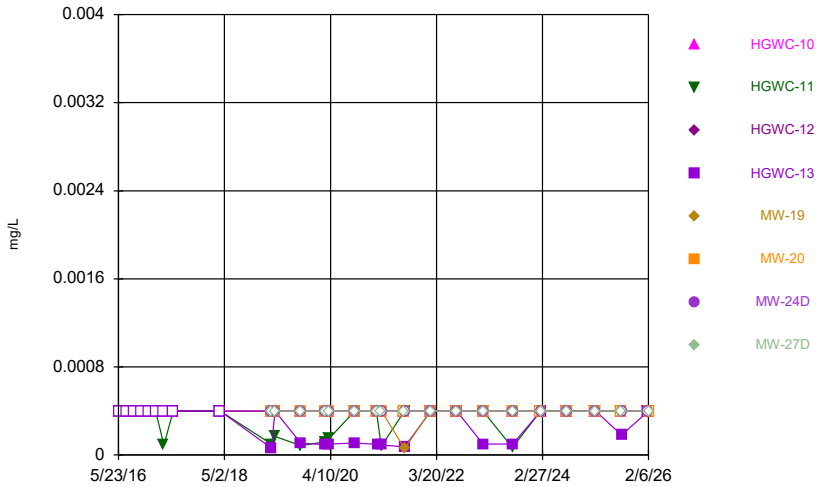
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Plant Hammond Client: Southern Company Data: Hammond AP-1

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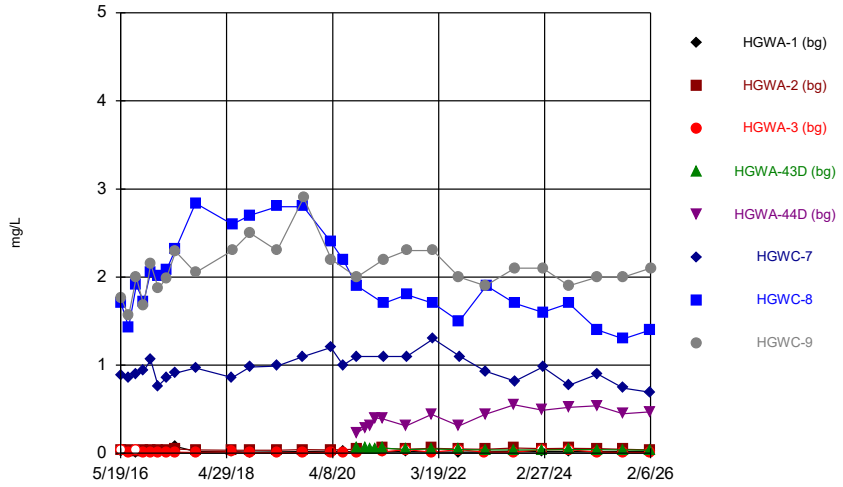
Time Series



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Plant Hammond Client: Southern Company Data: Hammond AP-1

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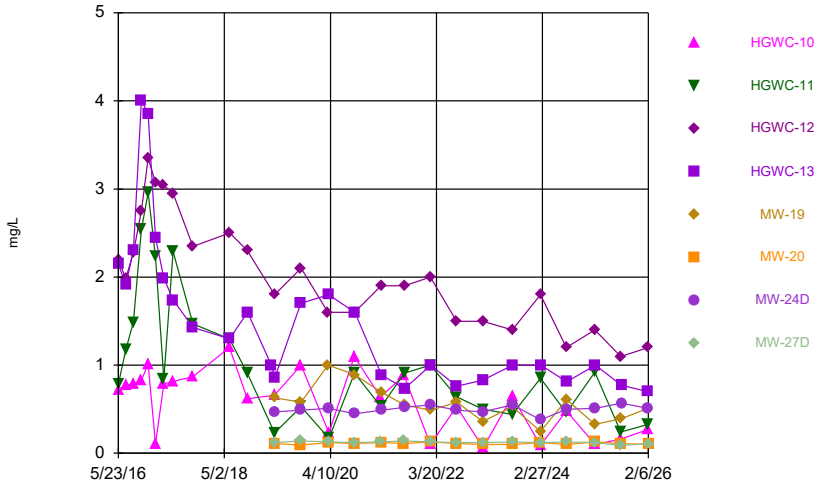
Time Series



Constituent: Boron Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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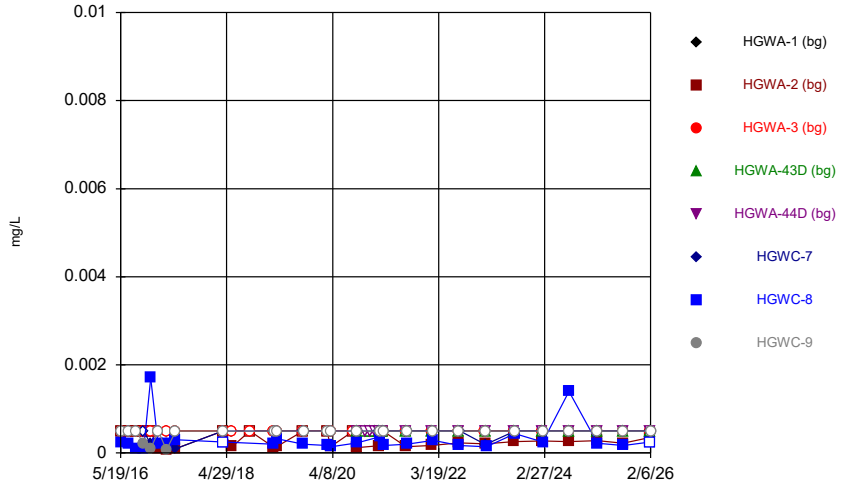
Time Series



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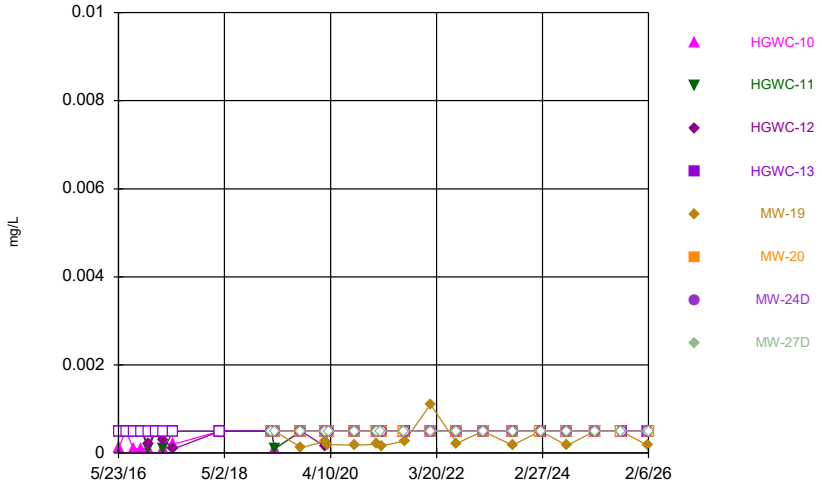
Time Series



Constituent: Cadmium Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

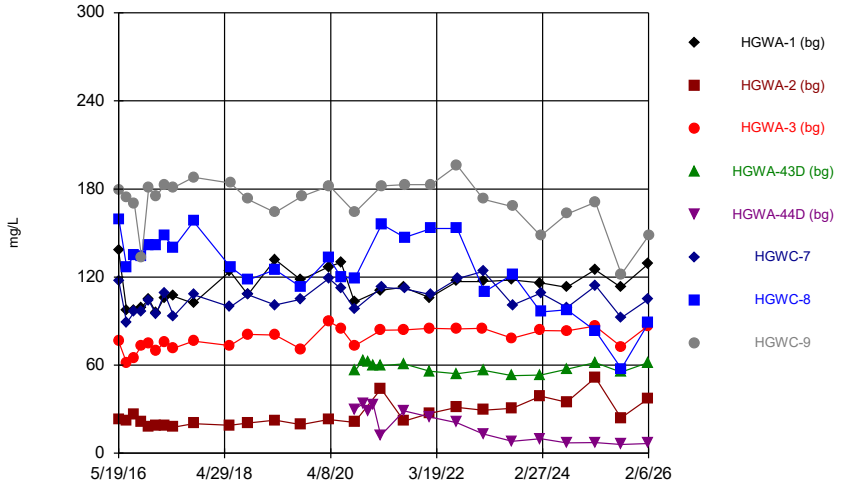
Time Series



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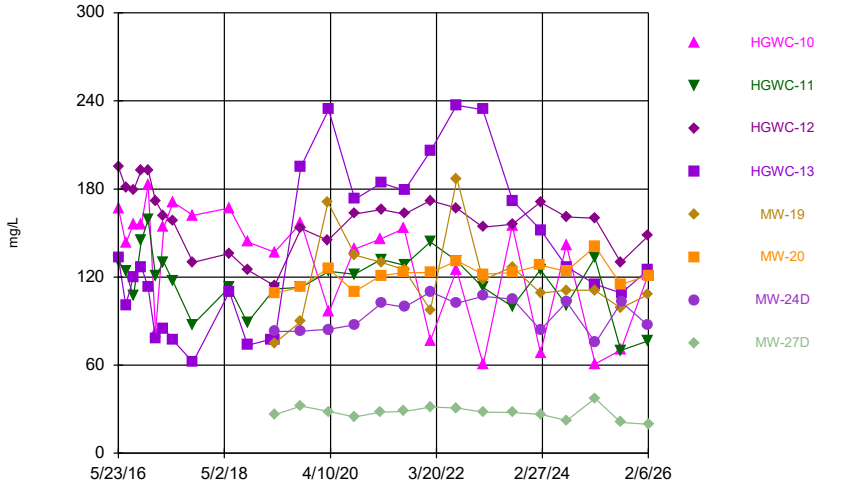
Time Series



Constituent: Calcium Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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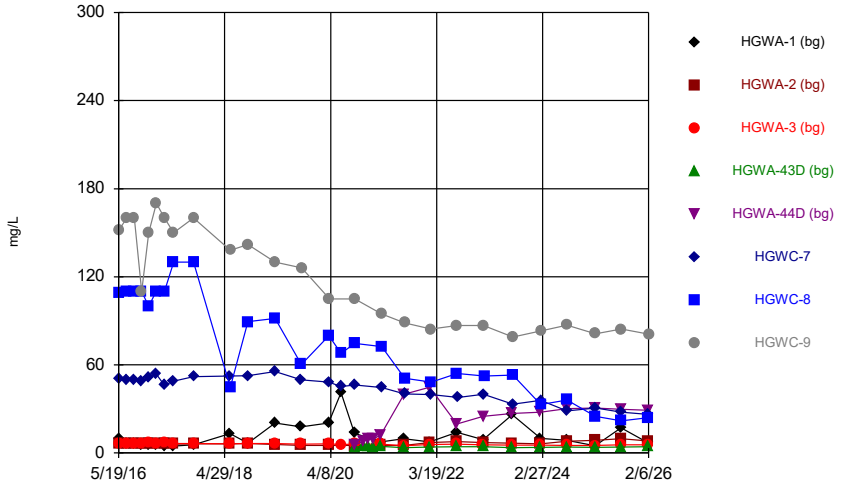
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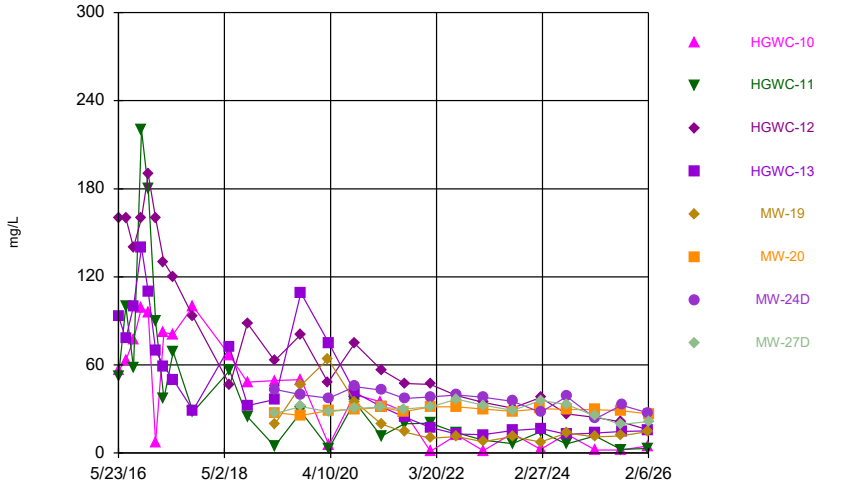
Time Series



Constituent: Chloride Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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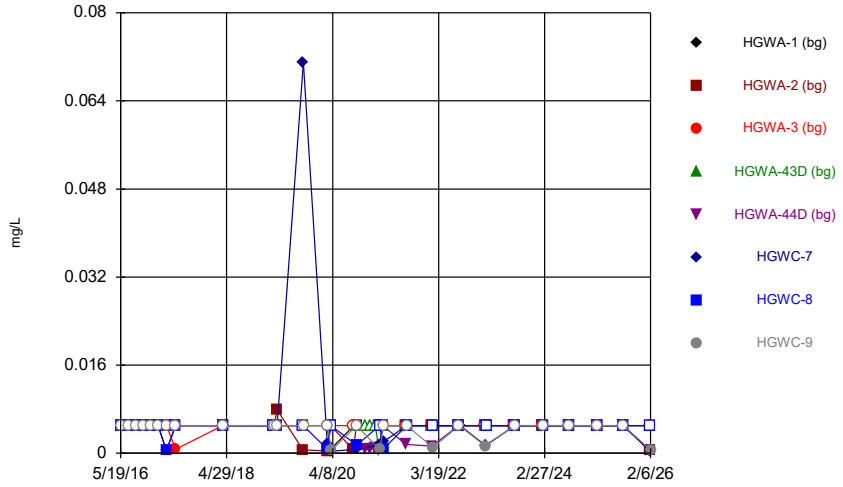
Time Series



Constituent: Chloride Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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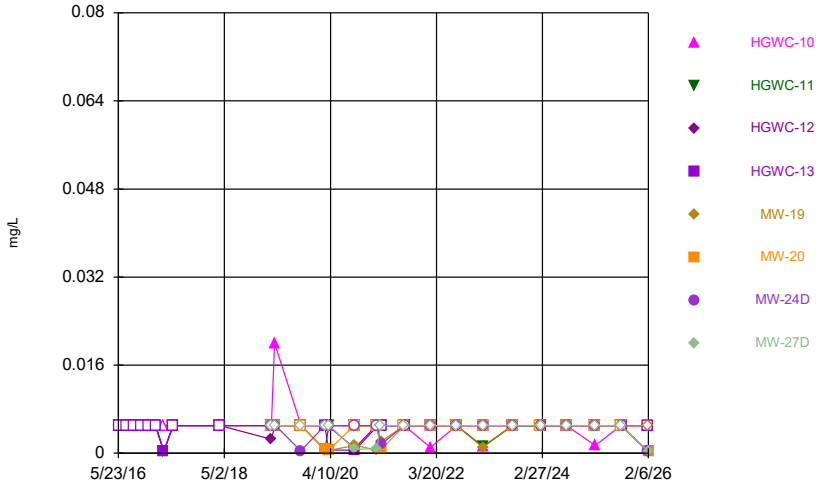
Time Series



Constituent: Chromium Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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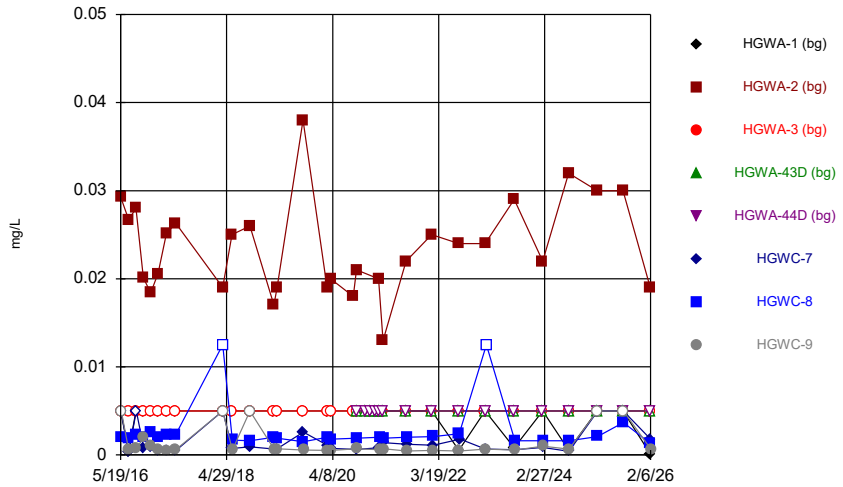
Time Series



Constituent: Chromium Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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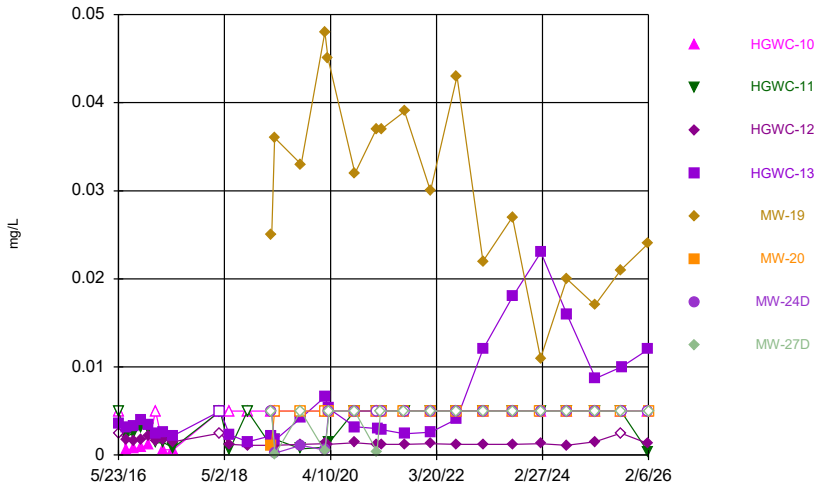
Time Series



Constituent: Cobalt Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

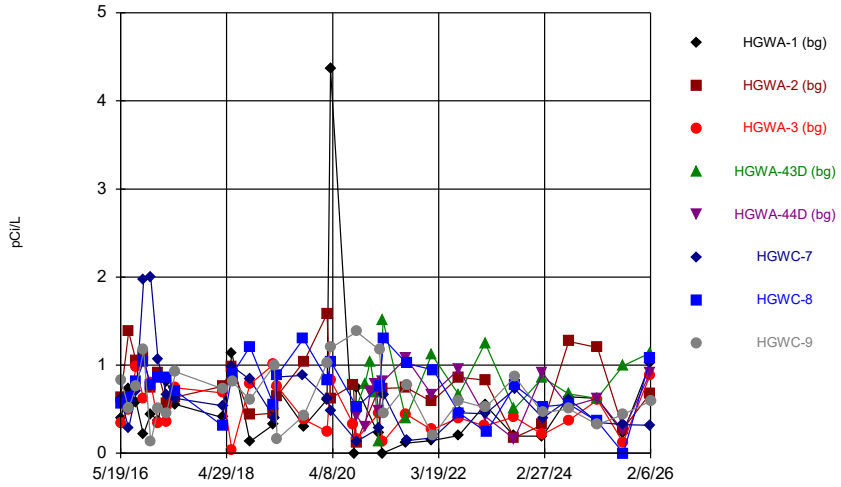
Time Series



Constituent: Cobalt Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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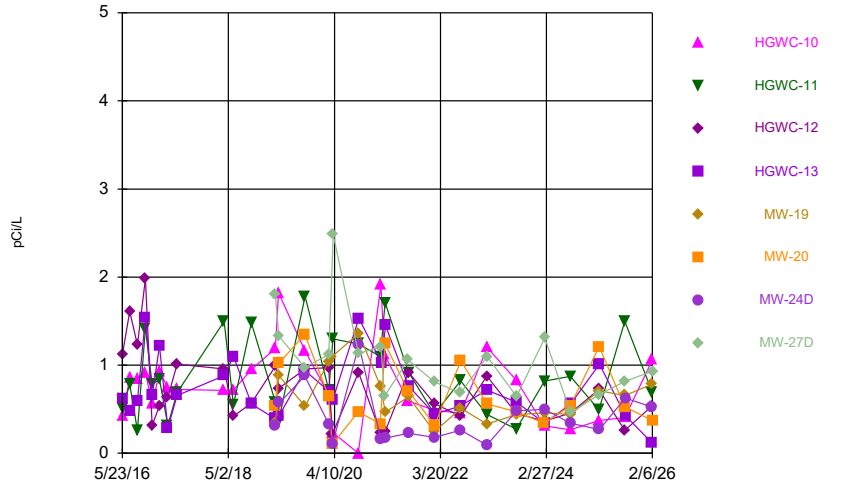
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

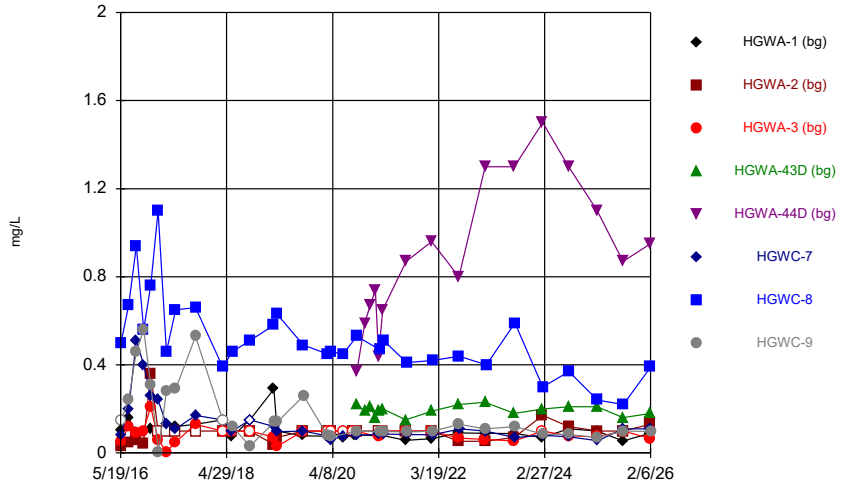
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

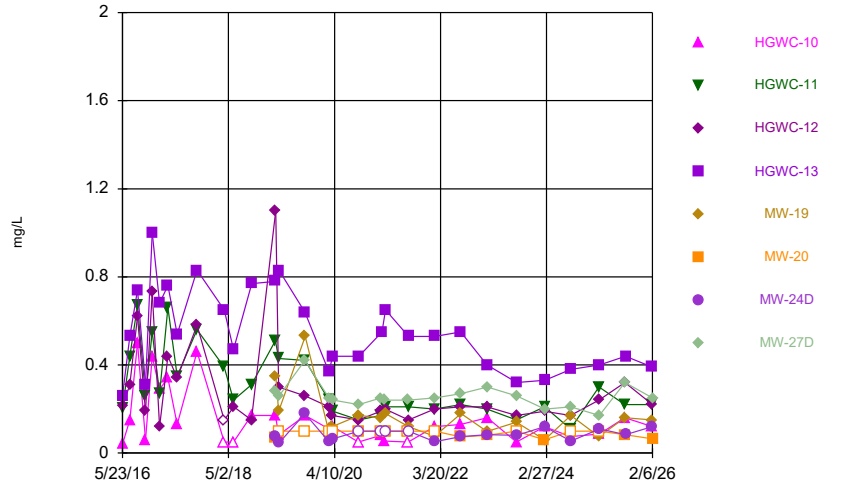
Time Series



Constituent: Fluoride Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

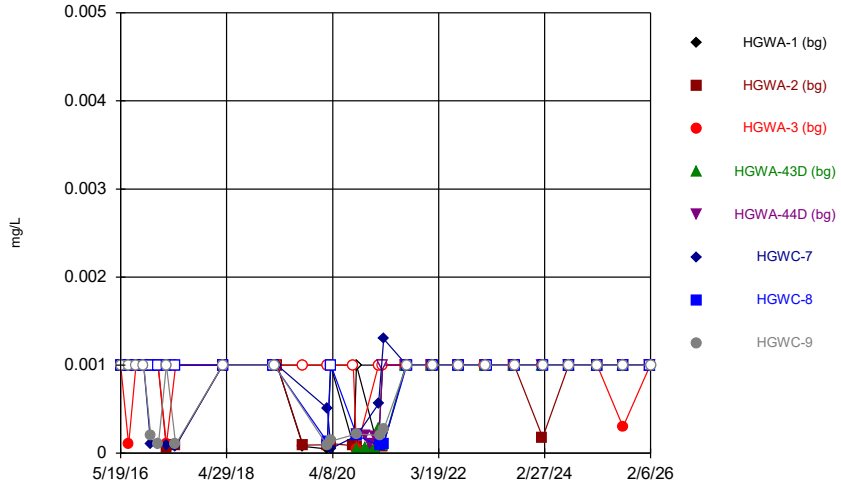
Time Series



Constituent: Fluoride Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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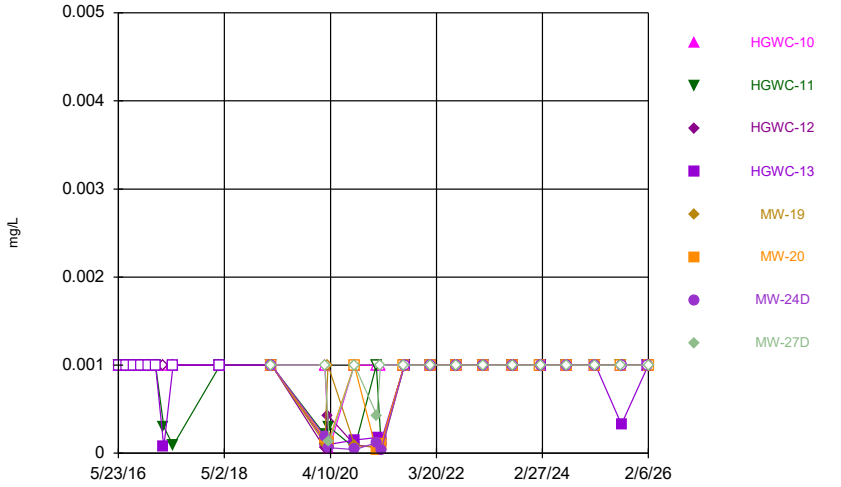
Time Series



Constituent: Lead Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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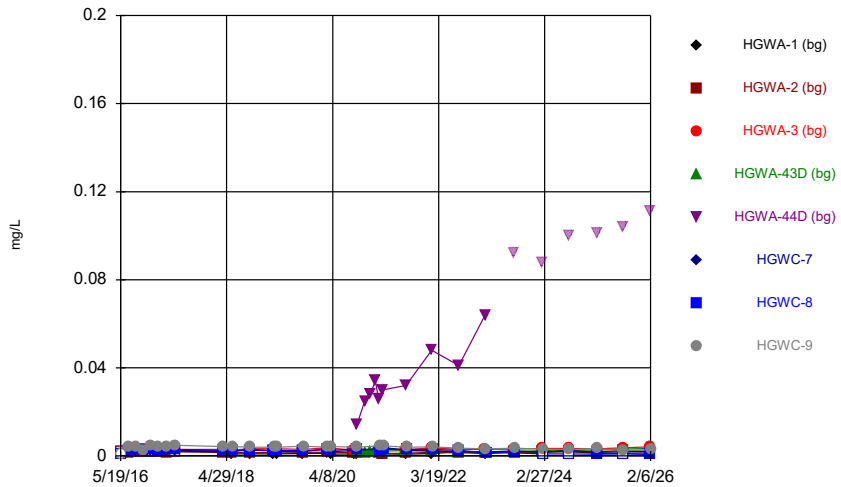
Time Series



Constituent: Lead Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

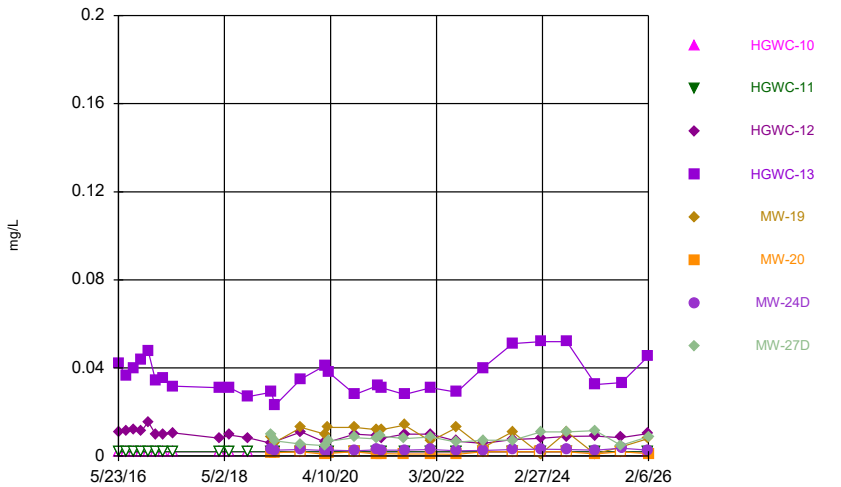
Time Series



Constituent: Lithium Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

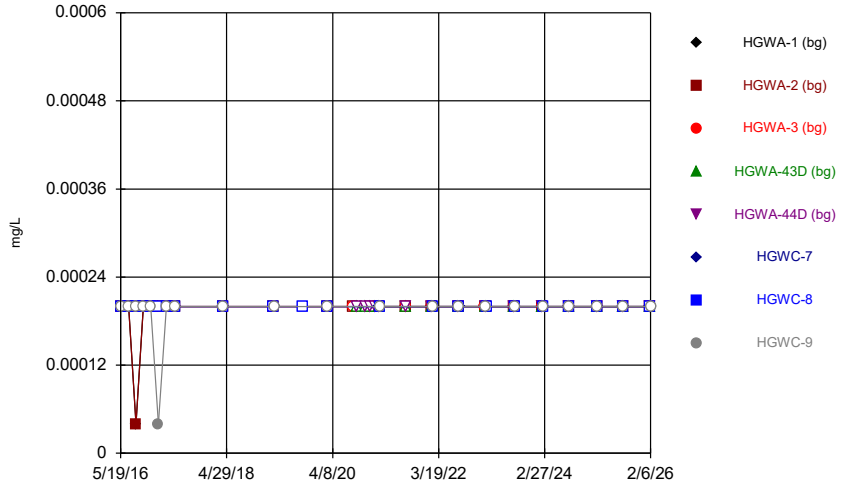
Time Series



Constituent: Lithium Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

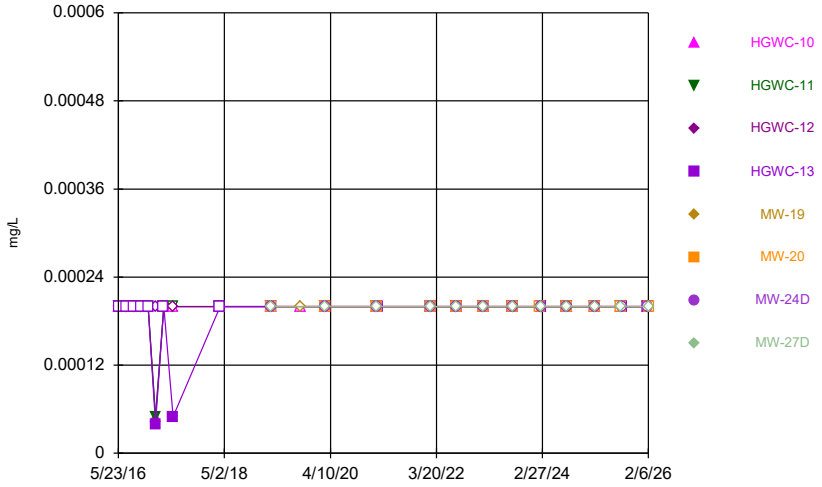
Time Series



Constituent: Mercury Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

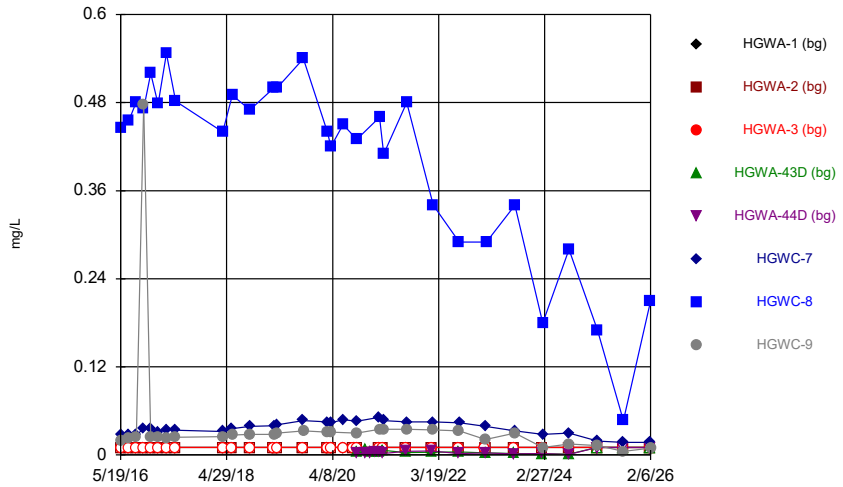
Time Series



Constituent: Mercury Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

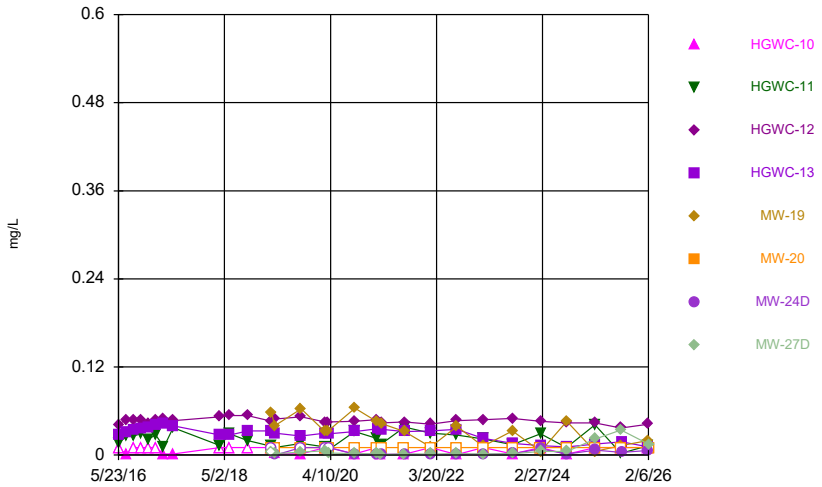
Time Series



Constituent: Molybdenum Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

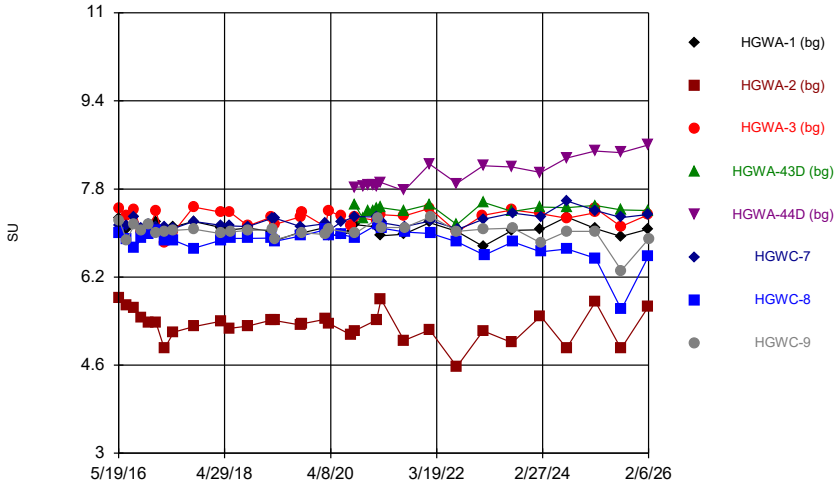
Time Series



Constituent: Molybdenum Analysis Run 4/6/2026 1:44 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

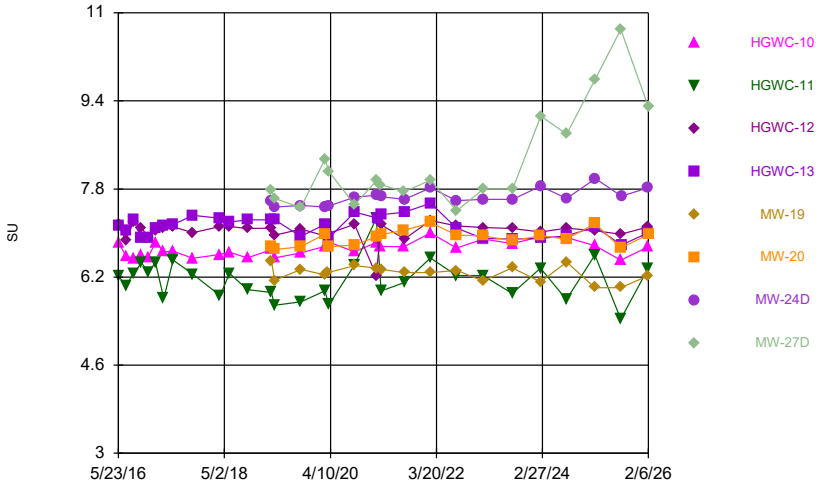
Time Series



Constituent: pH, Field Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

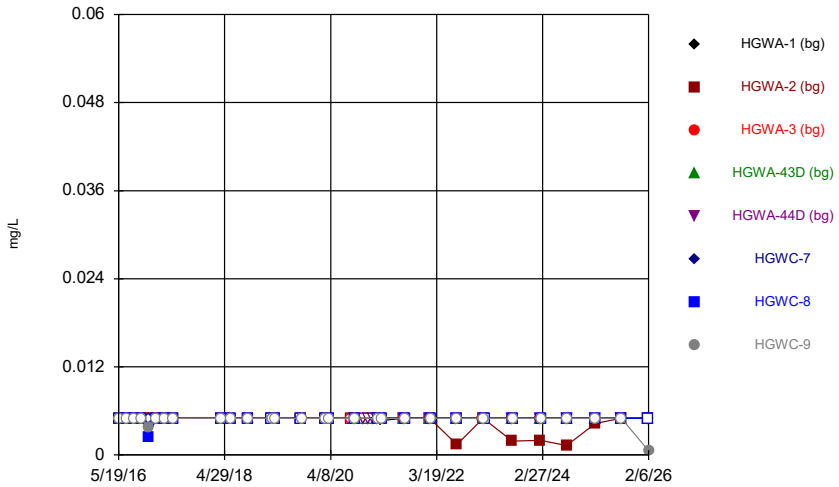
Time Series



Constituent: pH, Field Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

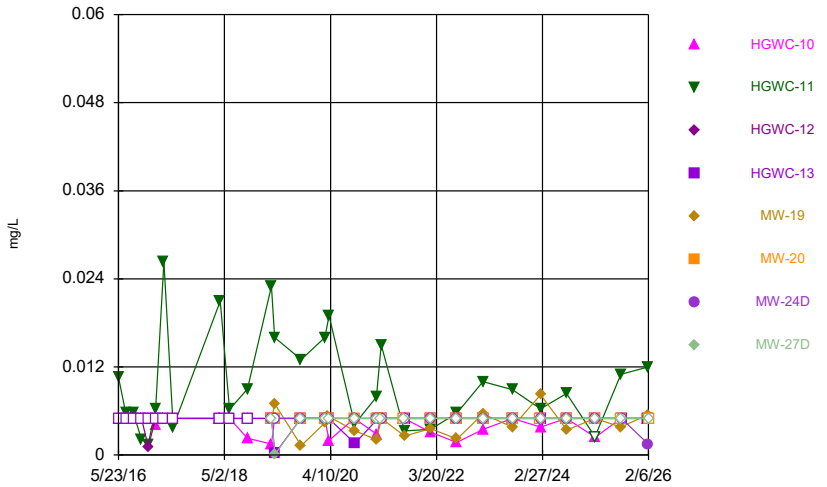
Time Series



Constituent: Selenium Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

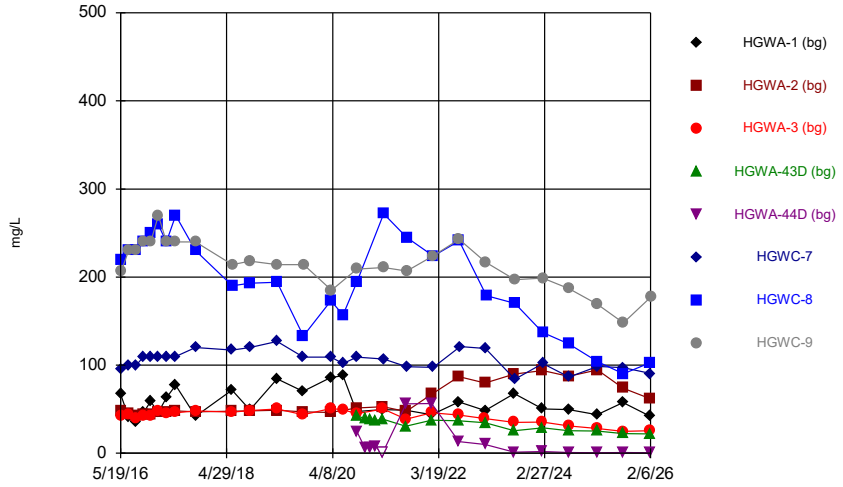
Time Series



Constituent: Selenium Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

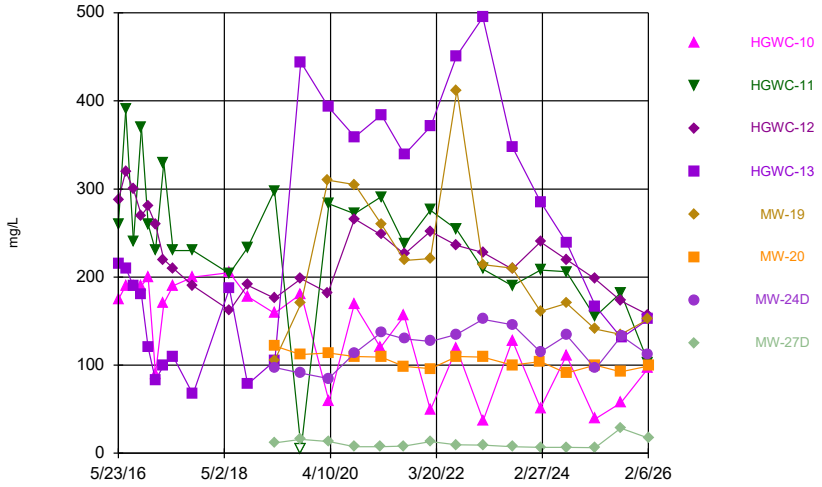
Time Series



Constituent: Sulfate Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

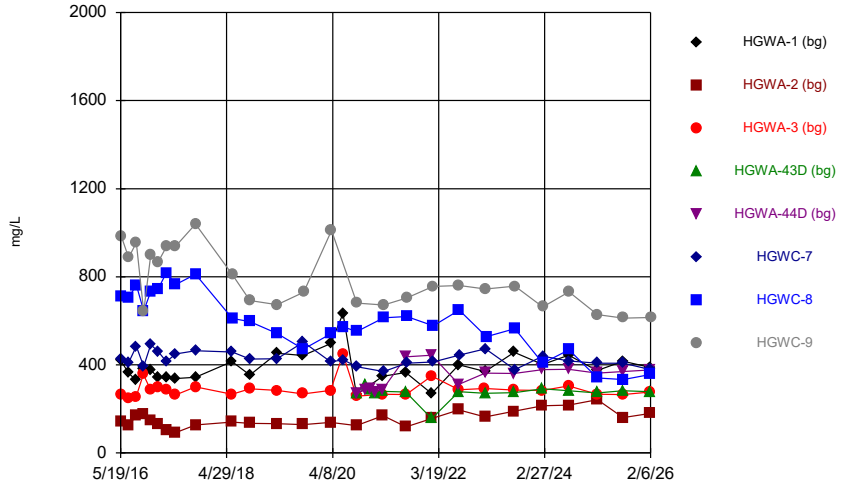
Time Series



Constituent: Sulfate Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

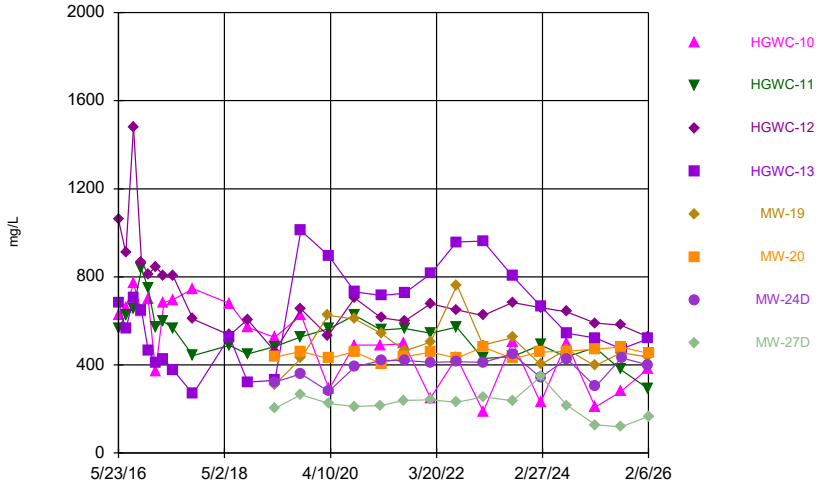
Time Series



Constituent: TDS Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

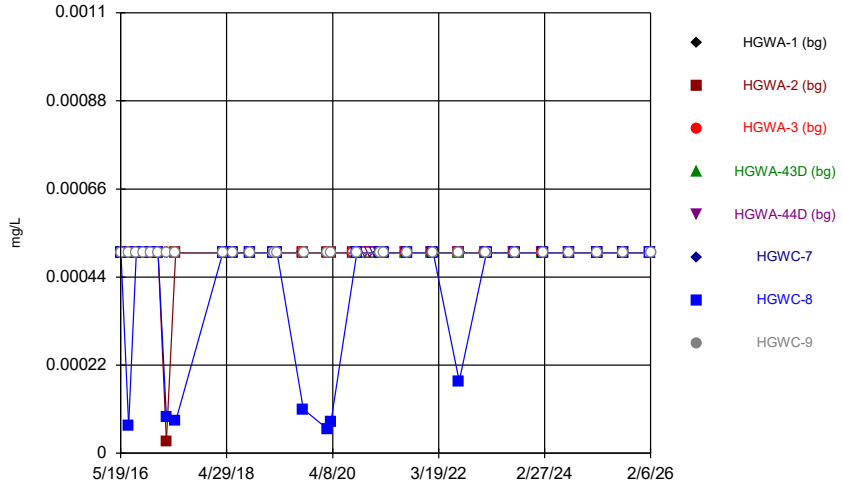
Time Series



Constituent: TDS Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

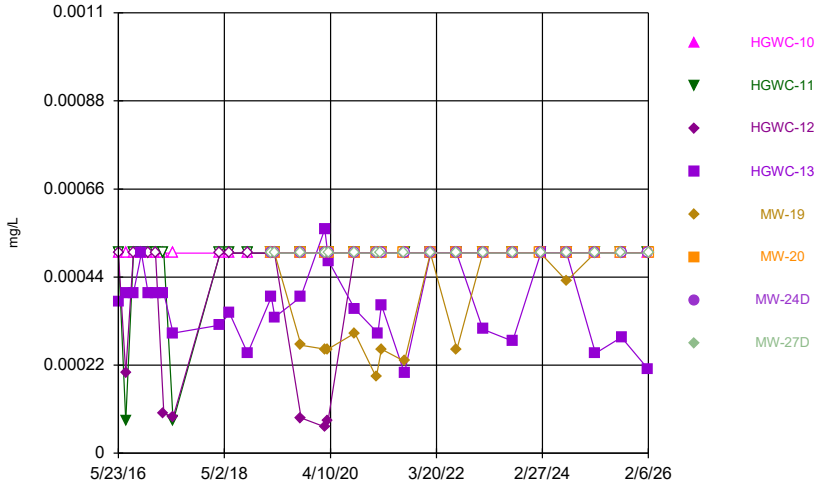
Time Series



Constituent: Thallium Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 4/6/2026 1:45 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.002	<0.002	<0.002					
5/20/2016						<0.002	<0.002	
5/23/2016								<0.002
7/11/2016	<0.002	<0.002						
7/12/2016			0.0003 (J)			<0.002	<0.002	<0.002
8/30/2016	<0.002	<0.002	<0.002					
9/1/2016						<0.002	<0.002	<0.002
10/19/2016	0.0014 (J)	<0.002	<0.002					
10/20/2016						<0.002	<0.002	<0.002
12/6/2016	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002
1/24/2017	<0.002	<0.002	<0.002					
1/25/2017						<0.002	<0.002	
1/26/2017								<0.002
3/21/2017	<0.002	<0.002	<0.002			<0.002	<0.002	
3/22/2017								<0.002
5/22/2017	<0.002	<0.002	<0.002					
5/23/2017						<0.002	<0.002	<0.002
4/2/2018	<0.002	<0.002						
4/3/2018			<0.002			<0.002	<0.002	<0.002
3/12/2019	<0.002	<0.002	<0.002				<0.002	
3/13/2019						<0.002		<0.002
4/1/2019			<0.002					
4/2/2019	<0.002	<0.002				<0.002		
4/3/2019							<0.002	<0.002
9/23/2019	<0.002	<0.002	<0.002					
9/24/2019							<0.002	
9/25/2019						<0.002		
9/27/2019								<0.002
3/2/2020	<0.002	<0.002	<0.002					
3/3/2020							<0.002	
3/4/2020						<0.002		0.00032 (J)
3/25/2020	<0.002	<0.002	<0.002					
3/27/2020						<0.002	<0.002	
3/31/2020								0.00042 (J)
8/25/2020		<0.002	<0.002					
8/28/2020	<0.002							
9/15/2020	<0.002	<0.002	<0.002					
9/16/2020				0.00051 (J)	0.00049 (J)	0.00034 (J)	<0.002	
9/17/2020								<0.002
11/10/2020				0.00043 (J)	<0.002			
12/15/2020				0.00031 (J)	0.00047 (J)			
1/19/2021				0.00029 (J)	0.00067 (J)			
2/8/2021	<0.002							
2/9/2021		0.00062 (J)	0.00031 (J)	0.00037 (J)	0.00042 (J)			
2/10/2021						<0.002		
2/16/2021							0.00064 (J)	0.00043 (J)
3/10/2021	<0.002				0.00037 (J)			
3/11/2021		<0.002	<0.002	0.00057 (J)				
3/15/2021						<0.002	<0.002	
3/16/2021								<0.002
8/11/2021	<0.002			<0.002				
8/12/2021		<0.002	<0.002					

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
8/13/2021					<0.002			
8/16/2021						0.0017 (J)		
8/17/2021								<0.002
8/18/2021							<0.002	
2/1/2022	<0.002	<0.002	<0.002	<0.002	0.0013 (J)			
2/9/2022								<0.002
2/10/2022						<0.002	<0.002	
8/2/2022	<0.002	<0.002	<0.002	<0.002	<0.002			
8/3/2022							<0.002	
8/4/2022								<0.002
8/11/2022						<0.002		
1/23/2023			<0.002					
1/24/2023	<0.002	<0.002		<0.002	<0.002			
1/26/2023								0.00092 (J)
1/27/2023						<0.002		
2/1/2023							<0.002	
8/8/2023	<0.002	<0.002	<0.002	<0.002	<0.002			
8/11/2023								<0.002
8/12/2023						<0.002	<0.002	
2/13/2024	<0.002	<0.002	<0.002	<0.002	<0.002			
2/14/2024						<0.002	<0.002	
2/15/2024								<0.002
8/5/2024	<0.002	<0.002	<0.002					
8/6/2024				<0.002	<0.002			
8/7/2024						<0.002	<0.002	<0.002
2/12/2025	<0.002		<0.002	<0.002	<0.002			
2/14/2025		<0.002						
2/15/2025							<0.002	<0.002
2/16/2025						<0.002		
8/5/2025	<0.002	<0.002	<0.002	<0.002	<0.002			
8/6/2025						<0.002	<0.002	
8/7/2025								<0.002
2/3/2026	<0.002	<0.002	<0.002	<0.002	<0.002			
2/5/2026						<0.002	<0.002	
2/6/2026								<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.002	<0.002	<0.002	<0.002				
7/12/2016	<0.002	<0.002	<0.002	0.0003 (J)				
9/1/2016	<0.002	<0.002	<0.002	<0.002				
10/24/2016	<0.002	<0.002	<0.002	<0.002				
12/7/2016	<0.002	<0.002	<0.002	<0.002				
1/26/2017	<0.002	<0.002	<0.002	<0.002				
3/22/2017	<0.002	<0.002	<0.002	<0.002				
5/24/2017	<0.002	<0.002	<0.002	<0.002				
4/4/2018	<0.002	<0.002	<0.002	<0.002				
3/13/2019	<0.002	<0.002		<0.002		<0.002	<0.002	<0.002
3/14/2019			<0.002		<0.002			
4/2/2019						<0.002		
4/3/2019	<0.002	<0.002	<0.002		<0.002			
4/4/2019								0.00016 (J)
4/5/2019				0.00021 (J)				
4/8/2019							<0.002	
9/25/2019						<0.002		
9/26/2019				<0.002			<0.002	0.0003 (J)
9/27/2019	<0.002	<0.002	<0.002		<0.002			
3/2/2020						<0.002		
3/3/2020	<0.002	<0.002	<0.002					
3/4/2020				0.00061 (J)	<0.002		0.0017 (J)	0.00037 (J)
3/26/2020			<0.002		<0.002			
3/27/2020						<0.002		
3/30/2020				0.00036 (J)			<0.002	
3/31/2020		<0.002						
4/1/2020	<0.002							
4/2/2020								0.0003 (J)
9/16/2020	<0.002							
9/17/2020						<0.002		
9/18/2020		0.00038 (J)	<0.002					0.00031 (J)
9/21/2020				0.00029 (J)	<0.002		<0.002	
2/11/2021						<0.002		
2/12/2021		<0.002	<0.002		<0.002			
2/15/2021	0.00065 (J)							
2/16/2021							<0.002	0.00038 (J)
2/22/2021				0.00047 (J)				
3/12/2021	<0.002							<0.002
3/15/2021						<0.002		
3/16/2021		<0.002	<0.002					
3/17/2021				0.00049 (J)	<0.002		<0.002	
8/17/2021	<0.002					<0.002		<0.002
8/18/2021		<0.002	<0.002		<0.002			
8/19/2021				<0.002			<0.002	
2/9/2022	<0.002	<0.002	<0.002		<0.002			
2/10/2022				<0.002		<0.002	<0.002	<0.002
8/3/2022	0.0018 (J)	<0.002	<0.002	<0.002			<0.002	<0.002
8/4/2022					<0.002	<0.002		
1/26/2023		<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	
1/27/2023	<0.002							<0.002
8/10/2023	<0.002	<0.002	<0.002		<0.002	<0.002		
8/12/2023				<0.002			<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/14/2024						<0.002		
2/15/2024	<0.002	<0.002	<0.002		<0.002		<0.002	
2/16/2024				<0.002				<0.002
8/7/2024	<0.002	<0.002	<0.002			<0.002		
8/8/2024				<0.002	<0.002		0.00086 (J)	<0.002
2/13/2025		<0.002	<0.002		<0.002			
2/14/2025	<0.002							
2/15/2025						<0.002		<0.002
2/16/2025							0.00066 (J)	
2/17/2025				<0.002				
8/6/2025	<0.002	<0.002	<0.002		<0.002	<0.002		<0.002
8/10/2025				<0.002			<0.002	
2/4/2026					<0.002		<0.002	
2/5/2026	<0.002	<0.002	<0.002	<0.002				
2/6/2026						<0.002		<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.002	0.00127 (J)	<0.002					
5/20/2016						<0.002	<0.002	
5/23/2016								<0.002
7/11/2016	<0.002	0.002 (J)						
7/12/2016			0.0008 (J)			<0.002	<0.002	<0.002
8/30/2016	<0.002	0.0017 (J)	<0.002					
9/1/2016						<0.002	<0.002	<0.002
10/19/2016	<0.002	<0.002	<0.002					
10/20/2016						<0.002	<0.002	<0.002
12/6/2016	<0.002	<0.002	<0.002			<0.002	<0.002	<0.002
1/24/2017	<0.002	<0.002	<0.002					
1/25/2017						<0.002	<0.002	
1/26/2017								<0.002
3/21/2017	0.0005 (J)	<0.002	0.0007 (J)			<0.002	<0.002	
3/22/2017								0.0008 (J)
5/22/2017	<0.002	0.0006 (J)	0.0006 (J)					
5/23/2017						<0.002	<0.002	<0.002
4/2/2018	<0.002	<0.002						
4/3/2018			<0.002			<0.002	<0.002	<0.002
6/4/2018	<0.002	0.00088 (J)	0.0008 (J)					
6/5/2018						<0.002		
6/6/2018							<0.002	<0.002
10/1/2018	<0.002	<0.002	0.0011 (J)					
10/2/2018						0.0019 (J)	<0.002	<0.002
3/12/2019	<0.002	0.00069 (J)	0.00063 (J)				<0.002	
3/13/2019						<0.002		0.00075 (J)
4/1/2019			<0.002					
4/2/2019	<0.002	<0.002				<0.002		
4/3/2019							<0.002	<0.002
9/23/2019	0.00046 (J)	0.00067 (J)	0.0011 (J)					
9/24/2019							<0.002	
9/25/2019						<0.002		
9/27/2019								0.00037 (J)
3/2/2020	<0.002	0.00043 (J)	0.0004 (J)					
3/3/2020							<0.002	
3/4/2020						<0.002		<0.002
3/25/2020	<0.002	<0.002	<0.002					
3/27/2020						<0.002	<0.002	
3/31/2020								<0.002
8/25/2020		<0.002	<0.002					
8/28/2020	<0.002							
9/15/2020	<0.002	<0.002	<0.002					
9/16/2020				<0.002	<0.002	<0.002	<0.002	
9/17/2020								<0.002
11/10/2020				0.0021 (J)	<0.002			
12/15/2020				<0.002	<0.002			
1/19/2021				0.0011 (J)	<0.002			
2/8/2021	<0.002							
2/9/2021		<0.002	<0.002	0.0017 (J)	0.00083 (J)			
2/10/2021						<0.002		
2/16/2021							<0.002	<0.002
3/10/2021	<0.002				<0.002			

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
3/11/2021		<0.002	<0.002	0.0013 (J)				
3/15/2021						<0.002	<0.002	
3/16/2021								<0.002
8/11/2021	<0.002			0.0015 (J)				
8/12/2021		<0.002	<0.002					
8/13/2021					<0.002			
8/16/2021						<0.002		
8/17/2021								<0.002
8/18/2021							<0.002	
2/1/2022	0.0016 (J)	0.0023 (J)	0.0024 (J)	0.0036 (J)	0.0025 (J)			
2/9/2022								0.0021 (J)
2/10/2022						<0.002	0.002 (J)	
8/2/2022	<0.002	<0.002	<0.002	<0.002	<0.002			
8/3/2022							<0.002	
8/4/2022								<0.002
8/11/2022						<0.002		
1/23/2023			<0.002					
1/24/2023	<0.002	<0.002		<0.002	0.0027 (J)			
1/26/2023								<0.002
1/27/2023						<0.002		
2/1/2023							<0.002	
8/8/2023	<0.002	<0.002	<0.002	<0.002	<0.002			
8/11/2023								<0.002
8/12/2023						<0.002	<0.002	
2/13/2024	<0.002	<0.002	<0.002	0.00097 (J)	0.0014 (J)			
2/14/2024						<0.002	<0.002	
2/15/2024								<0.002
8/5/2024	<0.002	<0.002	<0.002					
8/6/2024				<0.002	<0.002			
8/7/2024						<0.002	<0.002	<0.002
2/12/2025	<0.002		<0.002	<0.002	0.0014 (J)			
2/14/2025		<0.002						
2/15/2025							<0.002	<0.002
2/16/2025						<0.002		
8/5/2025	<0.002	<0.002	<0.002	<0.002	<0.002			
8/6/2025						<0.002	<0.002	
8/7/2025								<0.002
2/3/2026	<0.002	<0.002	0.00066 (J)	0.001 (J)	0.001 (J)			
2/5/2026						<0.002	<0.002	
2/6/2026								0.00061 (J)

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.002	<0.002	0.0046 (J)	0.329				
7/12/2016	<0.002	0.0015 (J)	0.005	0.297				
9/1/2016	<0.002	<0.002	0.0043 (J)	0.314				
10/24/2016	<0.002	<0.002	0.0049 (J)	0.334				
12/7/2016	<0.002	<0.002	0.0046 (J)	0.35				
1/26/2017	<0.002	<0.002	<0.01	0.424				
3/22/2017	<0.002	0.0053	0.0019 (J)	0.419				
5/24/2017	<0.002	<0.002	0.0022 (J)	0.393				
4/4/2018	<0.002	<0.002	<0.01	0.49				
6/5/2018	<0.002	0.0012 (J)		0.38				
6/6/2018			0.0048 (J)					
10/2/2018	<0.002							
10/3/2018		<0.002	0.0037 (J)					
10/5/2018				0.34				
3/13/2019	<0.002	0.0024 (J)		0.42		0.0023 (J)	<0.002	<0.005
3/14/2019			0.0026 (J)		<0.002			
4/2/2019						<0.002		
4/3/2019	<0.002	0.00094 (J)	0.0022 (J)		<0.002			
4/4/2019								0.0002 (J)
4/5/2019				0.36				
4/8/2019							<0.002	
9/25/2019						<0.002		
9/26/2019				0.44			<0.002	<0.005
9/27/2019	<0.002	0.0018 (J)	0.0061		<0.002			
3/2/2020						0.00038 (J)		
3/3/2020	<0.002	0.0022 (J)	0.0023 (J)					
3/4/2020				0.52	0.00045 (J)		<0.002	0.00069 (J)
3/26/2020			0.0028 (J)		<0.002			
3/27/2020						<0.002		
3/30/2020				0.47			<0.002	
3/31/2020		0.0022 (J)						
4/1/2020	<0.002							
4/2/2020								<0.005
9/16/2020	<0.002							
9/17/2020						<0.002		
9/18/2020		0.00081 (J)	0.0031 (J)					<0.005
9/21/2020				0.39	<0.002		<0.002	
2/11/2021						0.00094 (J)		
2/12/2021		0.002 (J)	0.0045 (J)		<0.002			
2/15/2021	<0.002							
2/16/2021							<0.002	0.001 (J)
2/22/2021				0.45				
3/12/2021	<0.002							<0.005
3/15/2021						<0.002		
3/16/2021		0.0017 (J)	0.0038 (J)					
3/17/2021				0.39	<0.002		<0.002	
8/17/2021	<0.002					<0.002		<0.005
8/18/2021		<0.002	0.0028 (J)		<0.002			
8/19/2021				0.31			<0.002	
2/9/2022	<0.002	0.0047 (J)	0.0053		<0.002			
2/10/2022				0.38		<0.002	<0.002	<0.005
8/3/2022	<0.002	<0.002	0.0023 (J)	0.4			<0.002	<0.005

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					<0.002	<0.002		
1/26/2023		<0.002	0.0025 (J)	0.53	<0.002	<0.002	<0.002	
1/27/2023	<0.002							<0.005
8/10/2023	<0.002	<0.002	<0.01		<0.002	<0.002		
8/12/2023				0.54			<0.002	<0.005
2/14/2024						<0.002		
2/15/2024	<0.002	<0.002	0.0027 (J)		<0.002		<0.002	
2/16/2024				0.5				<0.005
8/7/2024	<0.002	0.0015 (J)	0.0024 (J)			<0.002		
8/8/2024				0.52	<0.002		<0.002	<0.005
2/13/2025		<0.002	0.0033 (J)		<0.002			
2/14/2025	<0.002							
2/15/2025						<0.002		<0.005
2/16/2025							<0.002	
2/17/2025				0.34				
8/6/2025	<0.002	<0.002	0.0022		<0.002	<0.002		0.0013 (J)
8/10/2025				0.48			<0.002	
2/4/2026					<0.002		0.00046 (J)	
2/5/2026	0.00044 (J)	0.00057 (J)	0.0028	0.49				
2/6/2026						0.00055 (J)		0.00065 (J)

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	0.0346	0.114	0.111					
5/20/2016						0.0687	0.0808	
5/23/2016								0.117
7/11/2016	0.0311	0.112						
7/12/2016			0.115			0.0731	0.083	0.13
8/30/2016	0.0293	0.131	0.113					
9/1/2016						0.0747	0.0829	0.13
10/19/2016	0.0293	0.111	0.123					
10/20/2016						0.072	0.0811	0.0806
12/6/2016	0.0304	0.108	0.127			0.0752	0.0845	0.128
1/24/2017	0.028	0.102	0.126					
1/25/2017						0.0747	0.078	
1/26/2017								0.142
3/21/2017	0.0275	0.095	0.12			0.0722	0.0791	
3/22/2017								0.122
5/22/2017	0.0281	0.103	0.117					
5/23/2017						0.0794	0.0846	0.127
4/2/2018	0.026	0.099						
4/3/2018			0.11			0.075	0.065	0.1
6/4/2018	0.035	0.11	0.12					
6/5/2018						0.071		
6/6/2018							0.063	0.11
10/1/2018	0.029	0.11	0.14					
10/2/2018						0.078	0.061	0.11
3/12/2019	0.042	0.12	0.13				0.062	
3/13/2019						0.083		0.1
4/1/2019			0.13					
4/2/2019	0.04	0.13				0.072		
4/3/2019							0.066	0.12
9/23/2019	0.042	0.13	0.13					
9/24/2019							0.053	
9/25/2019						0.061		
9/27/2019								0.11
3/2/2020	0.034	0.11	0.14					
3/3/2020							0.052	
3/4/2020						0.068		0.11
3/25/2020	0.043	0.12	0.13					
3/27/2020						0.059	0.059	
3/31/2020								0.11
8/25/2020		0.11	0.11					
8/28/2020	0.036							
9/15/2020	0.035	0.12	0.12					
9/16/2020				0.26	0.24	0.068	0.06	
9/17/2020								0.11
11/10/2020				0.25	0.38			
12/15/2020				0.29	0.39			
1/19/2021				0.32	0.41			
2/8/2021	0.032							
2/9/2021		0.12	0.13	0.34	0.46			
2/10/2021						0.069		
2/16/2021							0.069	0.11
3/10/2021	0.03				0.26			

Time Series

Constituent: Barium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
3/11/2021		0.07	0.13	0.31 (D)				
3/15/2021						0.074	0.063	
3/16/2021								0.11
8/11/2021	0.03			0.28				
8/12/2021		0.12	0.11					
8/13/2021					0.22			
8/16/2021						0.068		
8/17/2021								0.095
8/18/2021							0.062	
2/1/2022	0.031	0.13	0.12	0.29	0.23			
2/9/2022								0.096
2/10/2022						0.063	0.056	
8/2/2022	0.039	0.11	0.16	0.35	0.37			
8/3/2022							0.06	
8/4/2022								0.091
8/11/2022						0.071		
1/23/2023			0.13					
1/24/2023	0.033	0.088		0.28	0.18			
1/26/2023								0.069
1/27/2023						0.065		
2/1/2023							0.058	
8/8/2023	0.039	0.068	0.12	0.3	0.12			
8/11/2023								0.068
8/12/2023						0.06	0.052	
2/13/2024	0.039	0.062	0.13	0.28	0.12			
2/14/2024						0.067	0.048	
2/15/2024								0.054
8/5/2024	0.032	0.062	0.13					
8/6/2024				0.28	0.11			
8/7/2024						0.082	0.053	0.054
2/12/2025	0.034		0.13	0.3	0.095			
2/14/2025		0.057						
2/15/2025							0.048	0.065
2/16/2025						0.092		
8/5/2025	0.033	0.053	0.11	0.27	0.092			
8/6/2025						0.078	0.039	
8/7/2025								0.06
2/3/2026	0.031	0.054	0.12	0.29	0.084			
2/5/2026						0.086	0.046	
2/6/2026								0.064

Time Series

Constituent: Barium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.0877	0.0466	0.133	0.0779				
7/12/2016	0.0926	0.0616	0.135	0.0697				
9/1/2016	0.0994	0.0497	0.123	0.07				
10/24/2016	0.101	0.0794	0.135	0.0882				
12/7/2016	0.107	0.1	0.13	0.0798				
1/26/2017	0.0538	0.0696	0.127	0.0738				
3/22/2017	0.0962	0.0346	0.112	0.0755				
5/24/2017	0.0996	0.0437	0.106	0.0627				
4/4/2018	0.084	0.029	0.083	0.099				
6/5/2018	0.086	0.039		0.13				
6/6/2018			0.09					
10/2/2018	0.076							
10/3/2018		0.033	0.087					
10/5/2018				0.076				
3/13/2019	0.044	0.024		0.1		0.087	0.053	1.5
3/14/2019			0.081		0.06			
4/2/2019						0.08		
4/3/2019	0.076	0.023	0.077		0.05			
4/4/2019								1.2
4/5/2019				0.079				
4/8/2019							0.043	
9/25/2019						0.085		
9/26/2019				0.11			0.12	0.95
9/27/2019	0.078	0.033	0.096		0.068			
3/2/2020						0.099		
3/3/2020	0.048	0.022	0.092					
3/4/2020				0.1	0.069		0.081	0.95
3/26/2020			0.089		0.067			
3/27/2020						0.093		
3/30/2020				0.08			0.056	
3/31/2020		0.026						
4/1/2020	0.058							
4/2/2020								1
9/16/2020	0.068							
9/17/2020						0.096		
9/18/2020		0.043	0.086					1
9/21/2020				0.052	0.056		0.053	
2/11/2021						0.093		
2/12/2021		0.039	0.09		0.051			
2/15/2021	0.06							
2/16/2021							0.062	1
2/22/2021				0.061				
3/12/2021	0.058							1.1
3/15/2021						0.096		
3/16/2021		0.035	0.084					
3/17/2021				0.056	0.049		0.055	
8/17/2021	0.055					0.089		1.1
8/18/2021		0.04	0.083		0.045			
8/19/2021				0.049			0.048	
2/9/2022	0.042	0.042	0.075		0.042			
2/10/2022				0.053		0.082	0.048	0.99
8/3/2022	0.069	0.041	0.086	0.07			0.053	0.94

Time Series

Constituent: Barium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					0.05	0.093		
1/26/2023		0.031	0.076	0.079	0.039	0.097	0.054	
1/27/2023	0.041							0.94
8/10/2023	0.045	0.027	0.075		0.032	0.093		
8/12/2023				0.057			0.053	0.98
2/14/2024						0.095		
2/15/2024	0.048	0.037	0.068		0.03		0.034	
2/16/2024				0.056				0.65
8/7/2024	0.059	0.029	0.063			0.089		
8/8/2024				0.05	0.031		0.048	0.63
2/13/2025		0.042	0.068		0.035			
2/14/2025	0.049							
2/15/2025						0.097		0.49
2/16/2025							0.039	
2/17/2025				0.046				
8/6/2025	0.061	0.027	0.055		0.038	0.088		0.26
8/10/2025				0.046			0.055	
2/4/2026					0.035		0.043	
2/5/2026	0.075	0.024	0.059	0.052				
2/6/2026						0.098		0.65

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.0004	<0.0004	<0.0004					
5/20/2016						<0.0004	<0.0004	
5/23/2016								<0.0004
7/11/2016	<0.0004	0.0001 (J)						
7/12/2016			<0.0004			<0.0004	<0.0004	<0.0004
8/30/2016	<0.0004	<0.0004	<0.0004					
9/1/2016						<0.0004	<0.0004	<0.0004
10/19/2016	<0.0004	0.0001 (J)	<0.0004					
10/20/2016						<0.0004	<0.0004	<0.0004
12/6/2016	<0.0004	0.0002 (J)	<0.0004			<0.0004	<0.0004	<0.0004
1/24/2017	<0.0004	0.0001 (J)	<0.0004					
1/25/2017						<0.0004	<0.0004	
1/26/2017								<0.0004
3/21/2017	<0.0004	0.0001 (J)	<0.0004			<0.0004	<0.0004	
3/22/2017								<0.0004
5/22/2017	<0.0004	0.0001 (J)	<0.0004					
5/23/2017						<0.0004	<0.0004	<0.0004
4/2/2018	<0.0004	<0.0004						
4/3/2018			<0.0004			<0.0004	<0.0004	<0.0004
3/12/2019	<0.0004	0.00017 (J)	<0.0004				<0.0004	
3/13/2019						<0.0004		<0.0004
4/1/2019			<0.0004					
4/2/2019	<0.0004	0.00015 (J)				<0.0004		
4/3/2019							7.4E-05 (J)	<0.0004
9/23/2019	<0.0004	0.00011 (J)	<0.0004					
9/24/2019							<0.0004	
9/25/2019						<0.0004		
9/27/2019								<0.0004
3/2/2020	<0.0004	0.00014 (J)	<0.0004					
3/3/2020							<0.0004	
3/4/2020						7.7E-05 (J)		<0.0004
3/25/2020	<0.0004	0.00016 (J)	<0.0004					
3/27/2020						<0.0004	<0.0004	
3/31/2020								<0.0004
8/25/2020		0.00014 (J)	<0.0004					
8/28/2020	<0.0004							
9/15/2020	<0.0004	0.00013 (J)	<0.0004					
9/16/2020				<0.0004	<0.0004	<0.0004	0.0001 (J)	
9/17/2020								<0.0004
11/10/2020				<0.0004	<0.0004			
12/15/2020				<0.0004	<0.0004			
1/19/2021				<0.0004	<0.0004			
2/8/2021	<0.0004							
2/9/2021		0.00014 (J)	<0.0004	<0.0004	<0.0004			
2/10/2021						8.1E-05 (J)		
2/16/2021							7.1E-05 (J)	<0.0004
3/10/2021	<0.0004				<0.0004			
3/11/2021		8.6E-05 (J)	<0.0004	<0.0004				
3/15/2021						0.00019 (J)	7.8E-05 (J)	
3/16/2021								<0.0004
8/11/2021	<0.0004			<0.0004				
8/12/2021		0.00014 (J)	<0.0004					

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
8/13/2021					<0.0004			
8/16/2021						<0.0004		
8/17/2021								<0.0004
8/18/2021							8.7E-05 (J)	
2/1/2022	<0.0004	0.0002 (J)	<0.0004	<0.0004	<0.0004			
2/9/2022								<0.0004
2/10/2022						<0.0004	7.1E-05 (J)	
8/2/2022	<0.0004	0.00019 (J)	<0.0004	<0.0004	<0.0004			
8/3/2022							5.6E-05 (J)	
8/4/2022								<0.0004
8/11/2022						<0.0004		
1/23/2023			<0.0004					
1/24/2023	<0.0004	0.00016 (J)		<0.0004	<0.0004			
1/26/2023								<0.0004
1/27/2023						<0.0004		
2/1/2023							5.6E-05 (J)	
8/8/2023	<0.0004	0.00022 (J)	<0.0004	<0.0004	<0.0004			
8/11/2023								<0.0004
8/12/2023						<0.0004	<0.0004	
2/13/2024	<0.0004	0.00022 (J)	<0.0004	<0.0004	<0.0004			
2/14/2024						<0.0004	<0.0004	
2/15/2024								<0.0004
8/5/2024	<0.0004	0.00026 (J)	<0.0004					
8/6/2024				<0.0004	<0.0004			
8/7/2024						<0.0004	<0.0004	<0.0004
2/12/2025	<0.0004		<0.0004	<0.0004	<0.0004			
2/14/2025		0.00023 (J)						
2/15/2025							0.00017 (J)	<0.0004
2/16/2025						<0.0004		
8/5/2025	<0.0004	0.00026 (J)	<0.0004	<0.0004	<0.0004			
8/6/2025						<0.0004	0.00034 (J)	
8/7/2025								<0.0004
2/3/2026	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004			
2/5/2026						<0.0004	<0.0004	
2/6/2026								<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.0004	<0.0004	<0.0004	<0.0004				
7/12/2016	<0.0004	<0.0004	<0.0004	<0.0004				
9/1/2016	<0.0004	<0.0004	<0.0004	<0.0004				
10/24/2016	<0.0004	<0.0004	<0.0004	<0.0004				
12/7/2016	<0.0004	<0.0004	<0.0004	<0.0004				
1/26/2017	<0.0004	<0.0004	<0.0004	<0.0004				
3/22/2017	<0.0004	9E-05 (J)	<0.0004	<0.0004				
5/24/2017	<0.0004	<0.0004	<0.0004	<0.0004				
4/4/2018	<0.0004	<0.0004	<0.0004	<0.0004				
3/13/2019	<0.0004	0.0001 (J)		6.2E-05 (J)		<0.0004	<0.0004	<0.0004
3/14/2019			<0.0004		<0.0004			
4/2/2019						<0.0004		
4/3/2019	<0.0004	0.00017 (J)	<0.0004		<0.0004			
4/4/2019								<0.0004
4/5/2019				<0.0004				
4/8/2019							<0.0004	
9/25/2019						<0.0004		
9/26/2019				0.00011 (J)			<0.0004	<0.0004
9/27/2019	<0.0004	8.6E-05 (J)	<0.0004		<0.0004			
3/2/2020						<0.0004		
3/3/2020	<0.0004	0.00012 (J)	<0.0004					
3/4/2020				9.3E-05 (J)	<0.0004		<0.0004	<0.0004
3/26/2020			<0.0004		<0.0004			
3/27/2020						<0.0004		
3/30/2020				9.9E-05 (J)			<0.0004	
3/31/2020		0.00015 (J)						
4/1/2020	<0.0004							
4/2/2020								<0.0004
9/16/2020	<0.0004							
9/17/2020						<0.0004		
9/18/2020		<0.0004	<0.0004					<0.0004
9/21/2020				0.00011 (J)	<0.0004		<0.0004	
2/11/2021						<0.0004		
2/12/2021		<0.0004	<0.0004		<0.0004			
2/15/2021	<0.0004							
2/16/2021							<0.0004	<0.0004
2/22/2021				9.7E-05 (J)				
3/12/2021	<0.0004							<0.0004
3/15/2021						<0.0004		
3/16/2021		8.1E-05 (J)	<0.0004					
3/17/2021				9E-05 (J)	<0.0004		<0.0004	
8/17/2021	<0.0004					<0.0004		<0.0004
8/18/2021		<0.0004	<0.0004		5.8E-05 (J)			
8/19/2021				7.3E-05 (J)			<0.0004	
2/9/2022	<0.0004	<0.0004	<0.0004		<0.0004			
2/10/2022				<0.0004		<0.0004	<0.0004	<0.0004
8/3/2022	<0.0004	<0.0004	<0.0004	<0.0004			<0.0004	<0.0004
8/4/2022					<0.0004	<0.0004		
1/26/2023		<0.0004	<0.0004	9.9E-05 (J)	<0.0004	<0.0004	<0.0004	
1/27/2023	<0.0004							<0.0004
8/10/2023	<0.0004	6.9E-05 (J)	<0.0004		<0.0004	<0.0004		
8/12/2023				0.0001 (J)			<0.0004	<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/14/2024						<0.0004		
2/15/2024	<0.0004	<0.0004	<0.0004		<0.0004		<0.0004	
2/16/2024				<0.0004				<0.0004
8/7/2024	<0.0004	<0.0004	<0.0004			<0.0004		
8/8/2024				<0.0004	<0.0004		<0.0004	<0.0004
2/13/2025		<0.0004	<0.0004		<0.0004			
2/14/2025	<0.0004							
2/15/2025						<0.0004		<0.0004
2/16/2025							<0.0004	
2/17/2025				<0.0004				
8/6/2025	<0.0004	<0.0004	<0.0004		<0.0004	<0.0004		<0.0004
8/10/2025				0.00018 (J)			<0.0004	
2/4/2026					<0.0004		<0.0004	
2/5/2026	<0.0004	<0.0004	<0.0004	<0.0004				
2/6/2026						<0.0004		<0.0004

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	0.0214 (J)	0.0321 (J)	<0.04					
5/20/2016						0.885	1.71	
5/23/2016								1.76
7/11/2016	0.0142 (J)	0.0337 (J)						
7/12/2016			0.0074 (J)			0.857	1.43	1.56
8/30/2016	0.0074 (J)	0.0173 (J)	<0.04					
9/1/2016						0.904	1.91	2
10/19/2016	0.0224 (J)	0.0341 (J)	0.0085 (J)					
10/20/2016						0.936	1.72	1.68
12/6/2016	0.0211 (J)	0.0326 (J)	0.0085 (J)			1.06	2.06	2.15
1/24/2017	0.0165 (J)	0.0365 (J)	0.01 (J)					
1/25/2017						0.764	2.01	
1/26/2017								1.87
3/21/2017	0.0187 (J)	0.0349 (J)	0.0079 (J)			0.857	2.08	
3/22/2017								1.99
5/22/2017	0.0782	0.0475	0.0131 (J)					
5/23/2017						0.91	2.32	2.29
10/3/2017	0.0198 (J)	0.0386 (J)	0.0097 (J)			0.967	2.84	2.05
6/4/2018	0.02 (J)	0.036 (J)	0.017 (J)					
6/5/2018						0.86		
6/6/2018							2.6	2.3
10/1/2018	0.013 (J)	0.035 (J)	0.0061 (J)					
10/2/2018						0.98	2.7	2.5
4/1/2019			0.0066 (J)					
4/2/2019	0.016 (J)	0.034 (J)				0.99		
4/3/2019							2.8	2.3
9/23/2019	0.021 (J)	0.04 (J)	0.0081 (J)					
9/24/2019							2.8	
9/25/2019						1.1		
9/27/2019								2.9
3/25/2020	0.025 (J)	0.039 (J)	0.0096 (J)					
3/27/2020						1.2	2.4	
3/31/2020								2.2
6/16/2020	0.021 (J)		0.01 (J)				2.2	
6/17/2020						1		
9/15/2020	0.017 (J)	0.044 (J)	0.0071 (J)					
9/16/2020				0.061 (J)	0.23	1.1	1.9	
9/17/2020								2
11/10/2020				0.057 (J)	0.29			
12/15/2020				0.052 (J)	0.31			
1/19/2021				0.049 (J)	0.4			
3/10/2021	0.015 (J)				0.39			
3/11/2021		0.056	0.015 (J)	0.06				
3/15/2021						1.1	1.7	
3/16/2021								2.2
8/11/2021	0.02 (J)			0.042				
8/12/2021		0.044	<0.04					
8/13/2021					0.31			
8/16/2021						1.1		
8/17/2021								2.3
8/18/2021							1.8	
2/1/2022	0.016 (J)	0.056	0.011 (J)	0.05	0.44			

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/9/2022								2.3
2/10/2022						1.3	1.7	
8/2/2022	0.012 (J)	0.047	<0.04	0.043	0.31			
8/3/2022							1.5	
8/4/2022								2
8/11/2022						1.1		
1/23/2023			0.012 (J)					
1/24/2023	0.015 (J)	0.046		0.037 (J)	0.44			
1/26/2023								1.9
1/27/2023						0.93		
2/1/2023							1.9	
8/8/2023	0.023 (J)	0.06	0.011 (J)	0.038 (J)	0.55			
8/11/2023								2.1
8/12/2023						0.82	1.7	
2/13/2024	0.02 (J)	0.051	<0.04	0.037 (J)	0.49			
2/14/2024						0.98	1.6	
2/15/2024								2.1
8/5/2024	0.02 (J)	0.057	<0.04					
8/6/2024				0.043	0.52			
8/7/2024						0.77	1.7	1.9
2/12/2025	0.021 (J)		0.011 (J)	0.04 (J)	0.54			
2/14/2025		0.053						
2/15/2025							1.4 (M1)	2
2/16/2025						0.9		
8/5/2025	0.019 (J)	0.044	0.009 (J)	0.039 (J)	0.45			
8/6/2025						0.74	1.3	
8/7/2025								2
2/3/2026	0.021 (J)	0.039 (J)	0.0094 (J)	0.036 (J)	0.47			
2/5/2026						0.69	1.4	
2/6/2026								2.1

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.72	0.787	2.2	2.15				
7/12/2016	0.778	1.17	1.98	1.91				
9/1/2016	0.786	1.49	2.28	2.3				
10/24/2016	0.831	2.54	2.75	4.01				
12/7/2016	1.01	2.96	3.35	3.85				
1/26/2017	0.108	2.23	3.07	2.45				
3/22/2017	0.788	0.84	3.04	1.99				
5/24/2017	0.814	2.29	2.95	1.74				
10/3/2017	0.871	1.47	2.35	1.43				
6/5/2018	1.2	1.3		1.3				
6/6/2018			2.5					
10/2/2018	0.62							
10/3/2018		0.91	2.3					
10/5/2018				1.6				
3/13/2019				1				
4/2/2019						0.11		
4/3/2019	0.66	0.23	1.8		0.63			
4/4/2019								0.12 (J)
4/5/2019				0.86 (J)				
4/8/2019							0.47 (J)	
9/25/2019						0.091		
9/26/2019				1.7			0.49	0.14
9/27/2019	1	0.53	2.1		0.58			
3/26/2020			1.6		1			
3/27/2020						0.12		
3/30/2020				1.8			0.51	
3/31/2020		0.17						
4/1/2020	0.23							
4/2/2020								0.13
9/16/2020	1.1							
9/17/2020						0.11		
9/18/2020		0.91	1.6					0.12
9/21/2020				1.6	0.89		0.45	
3/12/2021	0.64							0.13
3/15/2021						0.12		
3/16/2021		0.53	1.9					
3/17/2021				0.89	0.69		0.49	
8/17/2021	0.88					0.11		0.14
8/18/2021		0.91	1.9		0.55			
8/19/2021				0.73			0.52	
2/9/2022	0.1	1	2		0.49			
2/10/2022				1		0.13	0.55	0.13
8/3/2022	0.53	0.64	1.5	0.76			0.49	0.12
8/4/2022					0.58	0.11		
1/26/2023		0.5	1.5	0.83	0.36	0.099	0.47	
1/27/2023	0.065							0.12
8/10/2023	0.65	0.44	1.4		0.53	0.1		
8/12/2023				1			0.55	0.13
2/14/2024						0.12		
2/15/2024	0.089	0.85	1.8		0.25		0.38	
2/16/2024				1				0.12
8/7/2024	0.48	0.46	1.2			0.1		

Time Series

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/8/2024				0.81	0.61		0.5	0.13
2/13/2025		0.92	1.4		0.33 (JED)			
2/14/2025	0.1							
2/15/2025						0.13		0.12
2/16/2025							0.51	
2/17/2025				1				
8/6/2025	0.16	0.24	1.1		0.39 (J)	0.11		0.088
8/10/2025				0.77			0.57	
2/4/2026					0.51		0.51	
2/5/2026	0.27	0.33	1.2	0.7				
2/6/2026						0.1		0.11

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.0005	<0.0005	<0.0005					
5/20/2016						<0.0005	0.00024 (J)	
5/23/2016								<0.0005
7/11/2016	<0.0005	<0.0005						
7/12/2016			<0.0005			<0.0005	0.0002 (J)	<0.0005
8/30/2016	<0.0005	<0.0005	<0.0005					
9/1/2016						<0.0005	0.0001 (J)	<0.0005
10/19/2016	<0.0005	<0.0005	<0.0005					
10/20/2016						<0.0005	0.0001 (J)	0.0002 (J)
12/6/2016	<0.0005	<0.0005	<0.0005			0.0002 (J)	0.0017	0.0001 (J)
1/24/2017	<0.0005	0.0001 (J)	<0.0005					
1/25/2017						0.0002 (J)	0.0002 (J)	
1/26/2017								<0.0005
3/21/2017	<0.0005	7E-05 (J)	<0.0005			0.0002 (J)	0.0002 (J)	
3/22/2017								7E-05 (J)
5/22/2017	<0.0005	0.0001 (J)	<0.0005					
5/23/2017						0.0001 (J)	0.0003 (J)	<0.0005
4/2/2018	<0.0005	<0.0005						
4/3/2018			<0.0005			<0.0005	<0.0005	<0.0005
6/4/2018	<0.0005	0.00014 (J)	<0.0005					
10/1/2018	<0.0005	<0.0005	<0.0005					
3/12/2019	<0.0005	0.00013 (J)	<0.0005				0.0002 (J)	
3/13/2019						<0.0005		<0.0005
4/1/2019			<0.0005					
4/2/2019	<0.0005	0.00015 (J)				<0.0005		
4/3/2019							0.00032 (J)	<0.0005
9/23/2019	<0.0005	<0.0005 (D)	<0.0005					
9/24/2019							0.0002 (J)	
9/25/2019						<0.0005		
9/27/2019								<0.0005
3/2/2020	<0.0005	<0.0005	<0.0005					
3/3/2020							0.00017 (J)	
3/4/2020						<0.0005		<0.0005
3/25/2020	<0.0005	0.00014 (J)	<0.0005					
3/27/2020						<0.0005	0.00014 (J)	
3/31/2020								<0.0005
8/25/2020		<0.0005	<0.0005					
8/28/2020	<0.0005							
9/15/2020	<0.0005	0.00012 (J)	<0.0005					
9/16/2020				<0.0005	<0.0005	<0.0005	0.00023 (J)	
9/17/2020								<0.0005
11/10/2020				<0.0005	<0.0005			
12/15/2020				<0.0005	<0.0005			
1/19/2021				<0.0005	<0.0005			
2/8/2021	<0.0005							
2/9/2021		0.00016 (J)	<0.0005	<0.0005	<0.0005			
2/10/2021						<0.0005		
2/16/2021							0.00037 (J)	<0.0005
3/10/2021	<0.0005				<0.0005			
3/11/2021		<0.0005	<0.0005	<0.0005				
3/15/2021						<0.0005	0.00017 (J)	
3/16/2021								<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
8/11/2021	<0.0005			<0.0005				
8/12/2021		0.00014 (J)	<0.0005					
8/13/2021					<0.0005			
8/16/2021						<0.0005		
8/17/2021								<0.0005
8/18/2021							0.0002 (J)	
2/1/2022	<0.0005	0.00017 (J)	<0.0005	<0.0005	<0.0005			
2/9/2022								<0.0005
2/10/2022						<0.0005	0.00029 (J)	
8/2/2022	<0.0005	0.00023 (J)	<0.0005	<0.0005	<0.0005			
8/3/2022							0.00017 (J)	
8/4/2022								<0.0005
8/11/2022						<0.0005		
1/23/2023			<0.0005					
1/24/2023	<0.0005	0.00021 (J)		<0.0005	<0.0005			
1/26/2023								<0.0005
1/27/2023						0.00019 (J)		
2/1/2023							0.00014 (J)	
8/8/2023	<0.0005	0.00026 (J)	<0.0005	<0.0005	<0.0005			
8/11/2023								<0.0005
8/12/2023						<0.0005	0.00044 (J)	
2/13/2024	<0.0005	0.00027 (J)	<0.0005	<0.0005	<0.0005			
2/14/2024						<0.0005	0.00025 (J)	
2/15/2024								<0.0005
8/5/2024	<0.0005	0.00026 (J)	<0.0005					
8/6/2024				<0.0005	<0.0005			
8/7/2024						<0.0005	0.0014	<0.0005
2/12/2025	<0.0005		<0.0005	<0.0005	<0.0005			
2/14/2025		0.00028 (J)						
2/15/2025							0.00022 (J)	<0.0005
2/16/2025						<0.0005		
8/5/2025	<0.0005	0.00022 (J)	<0.0005	<0.0005	<0.0005			
8/6/2025						<0.0005	0.00017 (J)	
8/7/2025								<0.0005
2/3/2026	<0.0005	0.00035 (J)	<0.0005	<0.0005	<0.0005			
2/5/2026						<0.0005	<0.0005	
2/6/2026								<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.000115 (J)	<0.0005	<0.0005	<0.0005				
7/12/2016	<0.0005	<0.0005	<0.0005	<0.0005				
9/1/2016	0.0001 (J)	<0.0005	<0.0005	<0.0005				
10/24/2016	0.0001 (J)	<0.0005	<0.0005	<0.0005				
12/7/2016	0.0001 (J)	0.0001 (J)	0.0002 (J)	<0.0005				
1/26/2017	<0.0005	<0.0005	<0.0005	<0.0005				
3/22/2017	0.0001 (J)	0.0001 (J)	0.0003 (J)	<0.0005				
5/24/2017	0.0002 (J)	<0.0005	9E-05 (J)	<0.0005				
4/4/2018	<0.0005	<0.0005	<0.0005	<0.0005				
3/13/2019	<0.0005	<0.0005		<0.0005		<0.0005	<0.0005	<0.0005
3/14/2019			<0.0005		<0.0005			
4/2/2019						<0.0005		
4/3/2019	0.0001 (J)	9.6E-05 (J)	<0.0005		<0.0005			
4/4/2019								<0.0005
4/5/2019				<0.0005				
4/8/2019							<0.0005	
9/25/2019						<0.0005		
9/26/2019				<0.0005			<0.0005	<0.0005
9/27/2019	<0.0005	<0.0005	<0.0005		0.00013 (J)			
3/2/2020						<0.0005		
3/3/2020	<0.0005	<0.0005	0.00015 (J)					
3/4/2020				<0.0005	0.00026 (J)		<0.0005	<0.0005
3/26/2020			<0.0005		0.00019 (J)			
3/27/2020						<0.0005		
3/30/2020				<0.0005			<0.0005	
3/31/2020		<0.0005						
4/1/2020	<0.0005							
4/2/2020								<0.0005
9/16/2020	<0.0005							
9/17/2020						<0.0005		
9/18/2020		<0.0005	<0.0005					<0.0005
9/21/2020				<0.0005	0.00018 (J)		<0.0005	
2/11/2021						<0.0005		
2/12/2021		<0.0005	<0.0005		0.0002 (J)			
2/15/2021	<0.0005							
2/16/2021							<0.0005	<0.0005
2/22/2021				<0.0005				
3/12/2021	<0.0005							<0.0005
3/15/2021						<0.0005		
3/16/2021		<0.0005	<0.0005					
3/17/2021				<0.0005	0.00016 (J)		<0.0005	
8/17/2021	<0.0005					<0.0005		<0.0005
8/18/2021		<0.0005	<0.0005		0.00027 (J)			
8/19/2021				<0.0005			<0.0005	
2/9/2022	<0.0005	<0.0005	<0.0005		0.0011			
2/10/2022				<0.0005		<0.0005	<0.0005	<0.0005
8/3/2022	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005
8/4/2022					0.00022 (J)	<0.0005		
1/26/2023		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	
1/27/2023	<0.0005							<0.0005
8/10/2023	<0.0005	<0.0005	<0.0005		0.00018 (J)	<0.0005		
8/12/2023				<0.0005			<0.0005	<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/14/2024						<0.0005		
2/15/2024	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005	
2/16/2024				<0.0005				<0.0005
8/7/2024	<0.0005	<0.0005	<0.0005			<0.0005		
8/8/2024				<0.0005	0.00017 (J)		<0.0005	<0.0005
2/13/2025		<0.0005	<0.0005		<0.0005			
2/14/2025	<0.0005							
2/15/2025						<0.0005		<0.0005
2/16/2025							<0.0005	
2/17/2025				<0.0005				
8/6/2025	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		<0.0005
8/10/2025				<0.0005			<0.0005	
2/4/2026					0.00017 (J)		<0.0005	
2/5/2026	<0.0005	<0.0005	<0.0005	<0.0005				
2/6/2026						<0.0005		<0.0005

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	138	22.9	76.2					
5/20/2016						117	159	
5/23/2016								179
7/11/2016	97.2	22.3						
7/12/2016			61.5			88.8	127	174
8/30/2016	97.5	26.4	65.1					
9/1/2016						96.3	135	170
10/19/2016	99.2	21.7	73.2					
10/20/2016						96.9	134	133
12/6/2016	105	18.2	74.9			104	142	181
1/24/2017	95.7	18.5	69.6					
1/25/2017						94.5	142	
1/26/2017								175
3/21/2017	106	18.6	75.7			109	148	
3/22/2017								183
5/22/2017	107	17.8	71.5					
5/23/2017						93.3	140	181
10/3/2017	102	20.2	76.3			108	158	188
6/4/2018	124	19.1	73.4					
6/5/2018						99.8		
6/6/2018							127	184
10/1/2018	108	20.5 (J)	80.9					
10/2/2018						108	118	173
4/1/2019			80.5					
4/2/2019	132	22.5 (J)				101		
4/3/2019							125	164
9/23/2019	118	19.5	71					
9/24/2019							113	
9/25/2019						105		
9/27/2019								175
3/25/2020	127	23	89.8					
3/27/2020						119	133	
3/31/2020								182
6/16/2020	130		85.1				120	
6/17/2020						112		
9/15/2020	103	21.1	73.1					
9/16/2020				56	30	98	119	
9/17/2020								164
11/10/2020				63.3	33.6			
12/15/2020				62.6	28.7			
1/19/2021				60.1	33			
3/10/2021	111				12.1 (D)			
3/11/2021		43.8	83.8	59.6				
3/15/2021						113	156	
3/16/2021								182
8/11/2021	113			61				
8/12/2021		21.9	84					
8/13/2021					28.9			
8/16/2021						112		
8/17/2021								183
8/18/2021							147	
2/1/2022	106	27.2	85.1	55.9	24.8			

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/9/2022								183
2/10/2022						108	153	
8/2/2022	117	31.2	84.6	54.1	20.9			
8/3/2022							153	
8/4/2022								196
8/11/2022						119		
1/23/2023			85					
1/24/2023	117	29.4		56.6	13.2			
1/26/2023								173
1/27/2023						124		
2/1/2023							110	
8/8/2023	118	30.7	78.3	52.8	8.1			
8/11/2023								168
8/12/2023						101	122	
2/13/2024	116	38.8	83.6	53.3	9.9			
2/14/2024						109	96.2	
2/15/2024								148
8/5/2024	113	34.7	83.3					
8/6/2024				57.2	7.1			
8/7/2024						99.2	97.7	163
2/12/2025	125		86.6	61.8	7.2			
2/14/2025		51.5						
2/15/2025							83.3 (M1)	171
2/16/2025						114		
8/5/2025	113	24.1	72.6	55.2	6			
8/6/2025						92.3	57.6	
8/7/2025								122
2/3/2026	129	37.2	86.8	61.7	6.7			
2/5/2026						105	88.9	
2/6/2026								148

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	167	131	195	133				
7/12/2016	143	124	181	101				
9/1/2016	156	107	179	120				
10/24/2016	156	145	193	127				
12/7/2016	183	159	193	113				
1/26/2017	82.6	121	172	77.9				
3/22/2017	154	130	162	85.1				
5/24/2017	171	117	158	77.1				
10/3/2017	162	87.7	130	62				
6/5/2018	167	113		110				
6/6/2018			136					
10/2/2018	144							
10/3/2018		89	125					
10/5/2018				73.6				
3/13/2019				77.7				
4/2/2019						109		
4/3/2019	137	112	114		74.9			
4/4/2019								26.3
4/5/2019				77.1				
4/8/2019							83	
9/25/2019						113		
9/26/2019				195			83.1	32.1
9/27/2019	157	113	153		90			
3/26/2020			145		171			
3/27/2020						126		
3/30/2020				234			84.4	
3/31/2020		124						
4/1/2020	96.2							
4/2/2020								28.4
9/16/2020	139							
9/17/2020						110		
9/18/2020		122	163					24.8
9/21/2020				173	135		87.6	
3/12/2021	146							28
3/15/2021						121		
3/16/2021		132	166					
3/17/2021				184	130		102	
8/17/2021	153					123		28.5
8/18/2021		128	163		125			
8/19/2021				179			99.5	
2/9/2022	76.8	144	172		97.6			
2/10/2022				206		123	110	31.4
8/3/2022	125	131	167	237			102	30.8
8/4/2022					187	131		
1/26/2023		113	154	234	118	122	107	
1/27/2023	60.4							28.1
8/10/2023	155	100	156		127	123		
8/12/2023				172			105	27.8
2/14/2024						128		
2/15/2024	68.4	125	171		109		84	
2/16/2024				152				26.5
8/7/2024	142	101	161			124		

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:46 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/8/2024				127	111		103	22.4
2/13/2025		133	160		111			
2/14/2025	61							
2/15/2025						141		37.4
2/16/2025							75.4	
2/17/2025				115				
8/6/2025	70.3	70	130		98.9	115		21
8/10/2025				109			103	
2/4/2026					108		87	
2/5/2026	122	76.5	148	125				
2/6/2026						121		19.8

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	9.94	6.14	5.93					
5/20/2016						50.4	109	
5/23/2016								152
7/11/2016	6.3	5.9						
7/12/2016			6.2			50	110	160
8/30/2016	6	6.2	6.4					
9/1/2016						50	110	160
10/19/2016	5.8	6.1	6.5					
10/20/2016						49	110	110
12/6/2016	5.4	6	7.2			51	100	150
1/24/2017	5.2	6.1	6.4					
1/25/2017						54	110	
1/26/2017								170
3/21/2017	4.6	5.9	7.5			46	110	
3/22/2017								160
5/22/2017	4.6	5.9	6.5					
5/23/2017						49	130	150
10/3/2017	5.6	6.3	6.5			52	130	160
6/4/2018	13.1	6.1	6.3					
6/5/2018						52.3		
6/6/2018							44.8	138
10/1/2018	6.6	6.4	6.4					
10/2/2018						52.6	89.4	142
4/1/2019			6.5					
4/2/2019	20.3	5.8				55.5		
4/3/2019							91.6	130
9/23/2019	17.7	5.1	5.9					
9/24/2019							60.2	
9/25/2019						49.8		
9/27/2019								126
3/25/2020	20.4	5.2	6.1					
3/27/2020						48.3	79.8	
3/31/2020								105
6/16/2020	41.1		5.8				67.9	
6/17/2020						45.2		
9/15/2020	13.4	5	6					
9/16/2020				4.1	5.65 (D)	46.4	74.6	
9/17/2020								105
11/10/2020				4.4	7.8			
12/15/2020				4.7	9.4			
1/19/2021				4.1	9.5			
3/10/2021	7.4				12.3			
3/11/2021		5.1	5.9	4.5				
3/15/2021						44.5	72.4	
3/16/2021								94.7
8/11/2021	9.6			3.5				
8/12/2021		5.2	4.8					
8/13/2021					39.9			
8/16/2021						40.3		
8/17/2021								88.6
8/18/2021							50.9	
2/1/2022	7.5	7	5.7	4.1	44.8			

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/9/2022								84.4
2/10/2022						39.8	48.2	
8/2/2022	14.1	7.8	5.9	4.3	19.8			
8/3/2022							54.1	
8/4/2022								86.8
8/11/2022						37.7		
1/23/2023			5.6					
1/24/2023	9	7.1		4.3	24.9			
1/26/2023								86.9
1/27/2023						40		
2/1/2023							52.4	
8/8/2023	26	6.6	5.3	3.5	27			
8/11/2023								78.9
8/12/2023						33.3	53.1	
2/13/2024	10	6.3	5.3	3.9	27.7			
2/14/2024						35.8	32.9	
2/15/2024								83.2
8/5/2024	8.7	7.9	5.2					
8/6/2024				4	30.2			
8/7/2024						28.6	36.1	87.1
2/12/2025	4.8		5	3.8	30.7			
2/14/2025		8.5						
2/15/2025							25	81.2
2/16/2025						30.7		
8/5/2025	17.2	9.6	5.5	4	29.7			
8/6/2025						27.7	21.9	
8/7/2025								84.4
2/3/2026	6.9	8.2	5.5	4.2	29.1			
2/5/2026						26.3	24	
2/6/2026								80.9

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	56.1	51.9	160	93.2				
7/12/2016	63	100	160	78				
9/1/2016	77	58	140	100				
10/24/2016	99	220	160	140				
12/7/2016	96	180	190	110				
1/26/2017	7	90	160	70				
3/22/2017	82	37	130	59				
5/24/2017	81	69	120	50				
10/3/2017	100	28	93	29				
6/5/2018	66.6	56.1		72.3				
6/6/2018			46.4					
10/2/2018	48.3							
10/3/2018		24.8	88.4					
10/5/2018				32.3				
4/2/2019						27.5		
4/3/2019	49.3	4.6	62.8		19.5			
4/4/2019								26.9
4/5/2019				36.4				
4/8/2019							43.3	
9/25/2019						25.7		
9/26/2019				109			39.7	31.8
9/27/2019	49.9	27.9	81		46.2			
3/26/2020			48		64			
3/27/2020						28.8		
3/30/2020				75.1			37.4	
3/31/2020		3.2						
4/1/2020	5.4							
4/2/2020								27.9
9/16/2020	39.7							
9/17/2020						29.7		
9/18/2020		34.9	74.6					30.4
9/21/2020				41.2	35		45.2	
3/12/2021	35							31.3
3/15/2021						31.1		
3/16/2021		11.5	56.8					
3/17/2021				31.4	19.8		42.9	
8/17/2021	28.3					28.3		30
8/18/2021		19.9	47.3		14.3			
8/19/2021				24.4			37.2	
2/9/2022	1.2	20.4	46.8		10.2			
2/10/2022				17.4		31.4	38.2	31.4
8/3/2022	12.3	13.8	39.2	13			39.6	36.7
8/4/2022					11.3	31.4		
1/26/2023		8.8	34.6	12.5	7.7	30	38	
1/27/2023	1.6							32.5
8/10/2023	13.4	6.5	30.6		11.2	28.4		
8/12/2023				15.3			35.1	29
2/14/2024						30.2		
2/15/2024	2.6	14.5	37.7		7.5		27.8	
2/16/2024				16.7				35.8
8/7/2024	12.9	6.3	26.7			29.8		
8/8/2024				12.8	13.7		38.5	33.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/13/2025		11.7	24.3		10.9			
2/14/2025	2.1							
2/15/2025						29.6		25.2
2/16/2025							23.4	
2/17/2025				13.5				
8/6/2025	2.1	2.5	21.3		11.7	28.8		19.5
8/10/2025				14.8			32.6	
2/4/2026					14.6		27.3	
2/5/2026	4.8	3.2	15.8	15.2				
2/6/2026						26.7		21.4

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.005	<0.005	<0.005					
5/20/2016						<0.005	<0.005	
5/23/2016								<0.005
7/11/2016	<0.005	<0.005						
7/12/2016			<0.005			<0.005	<0.005	<0.005
8/30/2016	<0.005	<0.005	<0.005					
9/1/2016						<0.005	<0.005	<0.005
10/19/2016	<0.005	<0.005	<0.005					
10/20/2016						<0.005	<0.005	<0.005
12/6/2016	<0.005	<0.005	<0.005			<0.005	<0.005	<0.005
1/24/2017	<0.005	<0.005	<0.005					
1/25/2017						<0.005	<0.005	
1/26/2017								<0.005
3/21/2017	0.0005 (J)	<0.005	<0.005			<0.005	0.0005 (J)	
3/22/2017								<0.005
5/22/2017	<0.005	<0.005	0.0007 (J)					
5/23/2017						<0.005	<0.005	<0.005
4/2/2018	<0.005	<0.005						
4/3/2018			<0.005			<0.005	<0.005	<0.005
3/12/2019	<0.005	<0.005	<0.005				<0.005	
3/13/2019						<0.005		<0.005
4/1/2019			<0.005					
4/2/2019	<0.005	0.0079 (J)				<0.005		
4/3/2019							<0.005	<0.005
9/23/2019	<0.005	0.00058 (J)	<0.005					
9/24/2019							<0.005	
9/25/2019						0.071		
9/27/2019								<0.005
3/2/2020	<0.005	0.00041 (J)	<0.005					
3/3/2020							0.0007 (J)	
3/4/2020						0.0016 (J)		<0.005
3/25/2020	0.00072 (J)	<0.005	<0.005					
3/27/2020						0.0004 (J)	<0.005	
3/31/2020								0.00052 (J)
8/25/2020		0.00067 (J)	<0.005					
8/28/2020	<0.005							
9/15/2020	<0.005	<0.005	<0.005					
9/16/2020				<0.005	0.0012 (J)	0.00074 (J)	0.0015 (J)	
9/17/2020								<0.005
11/10/2020				<0.005	0.00089 (J)			
12/15/2020				<0.005	0.00072 (J)			
1/19/2021				<0.005	0.0011 (J)			
2/8/2021	<0.005							
2/9/2021		<0.005	<0.005	0.00095 (J)	0.00066 (J)			
2/10/2021						0.0014 (J)		
2/16/2021							<0.005	0.00067 (J)
3/10/2021	<0.005				<0.005			
3/11/2021		<0.005	<0.005	<0.005				
3/15/2021						0.0021 (J)	0.00082 (J)	
3/16/2021								<0.005
8/11/2021	<0.005			<0.005				
8/12/2021		<0.005	<0.005					

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
8/13/2021					0.0016 (J)			
8/16/2021						<0.005		
8/17/2021								<0.005
8/18/2021							<0.005	
2/1/2022	<0.005	<0.005	<0.005	<0.005	0.0013 (J)			
2/9/2022								0.0011 (J)
2/10/2022						<0.005	<0.005	
8/2/2022	<0.005	<0.005	<0.005	<0.005	<0.005			
8/3/2022							<0.005	
8/4/2022								<0.005
8/11/2022						<0.005		
1/23/2023			<0.005					
1/24/2023	<0.005	<0.005		<0.005	<0.005			
1/26/2023								0.0013 (J)
1/27/2023						0.0014 (J)		
2/1/2023							<0.005	
8/8/2023	<0.005	<0.005	<0.005	<0.005	<0.005			
8/11/2023								<0.005
8/12/2023						<0.005	<0.005	
2/13/2024	<0.005	<0.005	<0.005	<0.005	<0.005			
2/14/2024						<0.005	<0.005	
2/15/2024								<0.005
8/5/2024	<0.005	<0.005	<0.005					
8/6/2024				<0.005	<0.005			
8/7/2024						<0.005	<0.005	<0.005
2/12/2025	<0.005		<0.005	<0.005	<0.005			
2/14/2025		<0.005						
2/15/2025							<0.005	<0.005
2/16/2025						<0.005		
8/5/2025	<0.005	<0.005	<0.005	<0.005	<0.005			
8/6/2025						<0.005	<0.005	
8/7/2025								<0.005
2/3/2026	<0.005	0.00051 (J)	<0.005	<0.005	0.00047 (J)			
2/5/2026						0.00025 (J)	<0.005	
2/6/2026								0.00059 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.005	<0.005	<0.005	<0.005				
7/12/2016	<0.005	<0.005	<0.005	<0.005				
9/1/2016	<0.005	<0.005	<0.005	<0.005				
10/24/2016	<0.005	<0.005	<0.005	<0.005				
12/7/2016	<0.005	<0.005	<0.005	<0.005				
1/26/2017	<0.005	<0.005	<0.005	<0.005				
3/22/2017	<0.005	0.0003 (J)	0.0004 (J)	0.0004 (J)				
5/24/2017	<0.005	<0.005	<0.005	<0.005				
4/4/2018	<0.005	<0.005	<0.005	<0.005				
3/13/2019	<0.005	<0.005		<0.005		<0.005	<0.005	<0.005
3/14/2019			0.0025 (J)		<0.005			
4/2/2019						<0.005		
4/3/2019	0.02	<0.005	<0.005		<0.005			
4/4/2019								<0.005
4/5/2019				<0.005				
4/8/2019							<0.005	
9/25/2019						<0.005		
9/26/2019				<0.005			0.00042 (J)	<0.005
9/27/2019	<0.005	<0.005	<0.005		<0.005			
3/2/2020						0.00071 (J)		
3/3/2020	<0.005	0.00061 (J)	<0.005					
3/4/2020				<0.005	0.00066 (J)		<0.005	<0.005
3/26/2020			<0.005		0.00047 (J)			
3/27/2020						0.00051 (J)		
3/30/2020				0.00059 (J)			<0.005	
3/31/2020		<0.005						
4/1/2020	<0.005							
4/2/2020								<0.005
9/16/2020	<0.005							
9/17/2020						<0.005		
9/18/2020		<0.005	0.00091 (J)					0.0007 (J)
9/21/2020				0.00056 (J)	0.0014 (J)		<0.005	
2/11/2021						<0.005		
2/12/2021		<0.005	<0.005		0.00059 (J)			
2/15/2021	<0.005							
2/16/2021							<0.005	0.00082 (J)
2/22/2021				<0.005				
3/12/2021	<0.005							<0.005
3/15/2021						0.00068 (J)		
3/16/2021		<0.005	<0.005					
3/17/2021				<0.005	0.0022 (J)		0.0017 (J)	
8/17/2021	<0.005					<0.005		<0.005
8/18/2021		<0.005	<0.005		<0.005			
8/19/2021				<0.005			<0.005	
2/9/2022	0.0011 (J)	<0.005	<0.005		<0.005			
2/10/2022				<0.005		<0.005	<0.005	<0.005
8/3/2022	<0.005	<0.005	<0.005	<0.005			<0.005	<0.005
8/4/2022					<0.005	<0.005		
1/26/2023		0.0012 (J)	<0.005	<0.005	0.0011 (J)	<0.005	<0.005	
1/27/2023	0.0012 (J)							<0.005
8/10/2023	<0.005	<0.005	<0.005		<0.005	<0.005		
8/12/2023				<0.005			<0.005	<0.005

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/14/2024						<0.005		
2/15/2024	<0.005	<0.005	<0.005		<0.005		<0.005	
2/16/2024				<0.005				<0.005
8/7/2024	<0.005	<0.005	<0.005			<0.005		
8/8/2024				<0.005	<0.005		<0.005	<0.005
2/13/2025		<0.005	<0.005		<0.005			
2/14/2025	0.0014 (J)							
2/15/2025						<0.005		<0.005
2/16/2025							<0.005	
2/17/2025				<0.005				
8/6/2025	<0.005	<0.005	<0.005		<0.005	<0.005		<0.005
8/10/2025				<0.005			<0.005	
2/4/2026					<0.005		0.00031 (J)	
2/5/2026	<0.005	0.00031 (J)	<0.005	<0.005				
2/6/2026						0.00024 (J)		0.00035 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.005	0.0293	<0.005					
5/20/2016						<0.005	0.00207 (J)	
5/23/2016								<0.005
7/11/2016	0.0004 (J)	0.0267						
7/12/2016			<0.005			0.0003 (J)	0.0019 (J)	0.0006 (J)
8/30/2016	<0.005	0.028	<0.005					
9/1/2016						<0.005	0.0023 (J)	0.0007 (J)
10/19/2016	<0.005	0.0201	<0.005					
10/20/2016						0.0008 (J)	0.002 (J)	0.002 (J)
12/6/2016	<0.005	0.0184	<0.005			0.0009 (J)	0.0026 (J)	0.0011 (J)
1/24/2017	<0.005	0.0206	<0.005					
1/25/2017						0.0005 (J)	0.002 (J)	
1/26/2017								0.0006 (J)
3/21/2017	<0.005	0.0251	<0.005			0.0005 (J)	0.0023 (J)	
3/22/2017								0.0005 (J)
5/22/2017	<0.005	0.0263	<0.005					
5/23/2017						0.0005 (J)	0.0023 (J)	0.0006 (J)
4/2/2018	<0.005	0.019						
4/3/2018			<0.005			<0.005	<0.025	<0.005
6/4/2018	<0.005	0.025	<0.005					
6/5/2018						0.00074 (J)		
6/6/2018							0.0017 (J)	0.00056 (J)
10/1/2018	<0.005	0.026	<0.005					
10/2/2018						0.00091 (J)	0.0016 (J)	<0.005
3/12/2019	<0.005	0.017	<0.005				0.002 (J)	
3/13/2019						0.00067 (J)		0.00065 (J)
4/1/2019			<0.005					
4/2/2019	<0.005	0.019				0.00069 (J)		
4/3/2019							0.0019 (J)	0.00069 (J)
9/23/2019	<0.005	0.038	<0.005					
9/24/2019							0.0015 (J)	
9/25/2019						0.0026 (J)		
9/27/2019								0.00057 (J)
3/2/2020	<0.005	0.019	<0.005					
3/3/2020							0.002 (J)	
3/4/2020						0.0011 (J)		0.00053 (J)
3/25/2020	<0.005	0.02	<0.005					
3/27/2020						0.00074 (J)	0.0018 (J)	
3/31/2020								0.00051 (J)
8/25/2020		0.018	<0.005					
8/28/2020	<0.005							
9/15/2020	<0.005	0.021	<0.005					
9/16/2020				<0.005	<0.005	0.00065 (J)	0.0019 (J)	
9/17/2020								0.0007 (J)
11/10/2020				<0.005	<0.005			
12/15/2020				<0.005	<0.005			
1/19/2021				<0.005	<0.005			
2/8/2021	<0.005							
2/9/2021		0.02	<0.005	<0.005	<0.005			
2/10/2021						0.00081 (J)		
2/16/2021							0.002 (J)	0.00061 (J)
3/10/2021	<0.005				<0.005			

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
3/11/2021		0.013	<0.005	<0.005				
3/15/2021						0.0014 (J)	0.0019 (J)	
3/16/2021								0.00069 (J)
8/11/2021	<0.005			<0.005				
8/12/2021		0.022	<0.005					
8/13/2021					<0.005			
8/16/2021						0.0012 (J)		
8/17/2021								0.00045 (J)
8/18/2021							0.002 (J)	
2/1/2022	<0.005	0.025	<0.005	<0.005	<0.005			
2/9/2022								0.00051 (J)
2/10/2022						0.0011 (J)	0.0021 (J)	
8/2/2022	0.00054 (J)	0.024	<0.005	<0.005	<0.005			
8/3/2022							0.0024 (J)	
8/4/2022								0.00046 (J)
8/11/2022						0.0018 (J)		
1/23/2023			<0.005					
1/24/2023	<0.005	0.024		<0.005	<0.005			
1/26/2023								0.00068 (J)
1/27/2023						0.00067 (J)		
2/1/2023							<0.025	
8/8/2023	0.0008 (J)	0.029	<0.005	<0.005	<0.005			
8/11/2023								0.00057 (J)
8/12/2023						0.00061 (J)	0.0016 (J)	
2/13/2024	<0.005	0.022	<0.005	<0.005	<0.005			
2/14/2024						0.00084 (J)	0.0016 (J)	
2/15/2024								0.001 (J)
8/5/2024	0.00055 (J)	0.032	<0.005					
8/6/2024				<0.005	<0.005			
8/7/2024						0.00043 (J)	0.0016 (J)	0.00066 (J)
2/12/2025	<0.005		<0.005	<0.005	<0.005			
2/14/2025		0.03						
2/15/2025							0.0021 (J)	<0.005
2/16/2025						<0.005		
8/5/2025	<0.005	0.03	<0.005	<0.005	<0.005			
8/6/2025						<0.005	0.0037 (J)	
8/7/2025								<0.005
2/3/2026	0.00012 (J)	0.019	<0.005	<0.005	<0.005			
2/5/2026						0.0018 (J)	0.0013 (J)	
2/6/2026								0.00069 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.005	<0.005	<0.005	0.00361 (J)				
7/12/2016	0.0006 (J)	0.0021 (J)	0.0018 (J)	0.0032 (J)				
9/1/2016	0.0007 (J)	0.0025 (J)	0.0016 (J)	0.0033 (J)				
10/24/2016	0.0009 (J)	0.0032 (J)	0.0017 (J)	0.004 (J)				
12/7/2016	0.0012 (J)	0.003 (J)	0.0021 (J)	0.0034 (J)				
1/26/2017	<0.005	0.0014 (J)	0.0016 (J)	0.0024 (J)				
3/22/2017	0.0006 (J)	0.0014 (J)	0.0018 (J)	0.0026 (J)				
5/24/2017	0.0006 (J)	0.0008 (J)	0.0015 (J)	0.0022 (J)				
4/4/2018	<0.005	<0.005	<0.005	<0.01				
6/5/2018	<0.005	0.00061 (J)		0.0023 (J)				
6/6/2018			0.0012 (J)					
10/2/2018	<0.005							
10/3/2018		<0.005	0.0011 (J)					
10/5/2018				0.0015 (J)				
3/13/2019	<0.005	0.00098 (J)		0.0022 (J)		0.0011 (J)	<0.005	<0.005
3/14/2019			0.0011 (J)		0.025			
4/2/2019						<0.005		
4/3/2019	<0.005	0.0018 (J)	0.0011 (J)		0.036			
4/4/2019								9.1E-05 (J)
4/5/2019				0.0017 (J)				
4/8/2019							0.00025 (J)	
9/25/2019						<0.005		
9/26/2019				0.0042 (J)			0.0011 (J)	<0.005
9/27/2019	<0.005	0.00071 (J)	0.0012 (J)		0.033			
3/2/2020						<0.005		
3/3/2020	<0.005	0.00087 (J)	0.0013 (J)					
3/4/2020				0.0066	0.048		0.00056 (J)	0.00045 (J)
3/26/2020			0.0012 (J)		0.045			
3/27/2020						<0.005		
3/30/2020				0.0053			<0.005	
3/31/2020		0.0014 (J)						
4/1/2020	<0.005							
4/2/2020								<0.005
9/16/2020	<0.005							
9/17/2020						<0.005		
9/18/2020		<0.005	0.0014 (J)					<0.005
9/21/2020				0.0032 (J)	0.032		<0.005	
2/11/2021						<0.005		
2/12/2021		<0.005	0.0012 (J)		0.037			
2/15/2021	<0.005							
2/16/2021							<0.005	0.0004 (J)
2/22/2021				0.003 (J)				
3/12/2021	<0.005							<0.005
3/15/2021						<0.005		
3/16/2021		<0.005	0.0012 (J)					
3/17/2021				0.0029 (J)	0.037		<0.005	
8/17/2021	<0.005					<0.005		<0.005
8/18/2021		<0.005	0.0012 (J)		0.039			
8/19/2021				0.0024 (J)			<0.005	
2/9/2022	<0.005	<0.005	0.0013 (J)		0.03			
2/10/2022				0.0026 (J)		<0.005	<0.005	<0.005
8/3/2022	<0.005	<0.005	0.0012 (J)	0.0041 (J)			<0.005	<0.005

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					0.043	<0.005		
1/26/2023		<0.005	0.0012 (J)	0.012	0.022	<0.005	<0.005	
1/27/2023	<0.005							<0.005
8/10/2023	<0.005	<0.005	0.0012 (J)		0.027	<0.005		
8/12/2023				0.018			<0.005	<0.005
2/14/2024						<0.005		
2/15/2024	<0.005	<0.005	0.0013 (J)		0.011		<0.005	
2/16/2024				0.023				<0.005
8/7/2024	<0.005	<0.005	0.0011 (J)			<0.005		
8/8/2024				0.016	0.02		<0.005	<0.005
2/13/2025		<0.005	0.0015 (J)		0.017			
2/14/2025	<0.005							
2/15/2025						<0.005		<0.005
2/16/2025							<0.005	
2/17/2025				0.0087				
8/6/2025	<0.005	<0.005	<0.005		0.021	<0.005		<0.005
8/10/2025				0.01			<0.005	
2/4/2026					0.024		<0.005	
2/5/2026	<0.005	0.00032 (J)	0.0013 (J)	0.012				
2/6/2026						<0.005		<0.005

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

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	0.397	0.627	0.342					
5/20/2016						0.62	0.56	
5/23/2016								0.826
7/11/2016	0.738	1.38						
7/12/2016			0.499			0.283	0.636	0.511
8/30/2016	0.581	1.05	0.976					
9/1/2016						0.703	0.818	0.762
10/19/2016	0.213	1.11	0.626					
10/20/2016						1.97	1.04	1.17
12/6/2016	0.444	0.741	0.805			2	0.771	0.126
1/24/2017	0.373	0.908	0.336					
1/25/2017						1.06	0.859	
1/26/2017								0.515
3/21/2017	0.816	0.567	0.358			0.668	0.851	
3/22/2017								0.451
5/22/2017	0.554 (U)	0.638 (U)	0.744 (U)					
5/23/2017						0.621 (U)	0.705 (U)	0.924 (U)
4/2/2018	0.405	0.761						
4/3/2018			0.684			0.538	0.311	0.732
6/4/2018	1.13 (U)	0.975 (U)	0.0291 (U)					
6/5/2018						0.985 (U)		
6/6/2018							0.896 (U)	0.813 (U)
10/1/2018	0.132 (U)	0.434 (U)	0.781 (U)					
10/2/2018						0.837 (U)	1.21	0.61 (U)
3/12/2019	0.327 (U)	0.454 (U)	1.01 (U)				0.544 (U)	
3/13/2019						0.403 (U)		1 (U)
4/1/2019			0.76 (U)					
4/2/2019	0.739 (U)	0.651 (U)				0.865 (U)		
4/3/2019							0.885 (U)	0.156 (U)
9/24/2019							1.3	
9/25/2019						0.884 (U)		
9/27/2019								0.428 (U)
9/30/2019	0.306 (U)	1.04 (U)	0.384 (U)					
3/2/2020	0.61 (U)	1.58	0.249 (U)					
3/3/2020							0.835 (U)	
3/4/2020						0.624 (U)		1.03
3/25/2020	4.36	0.621 (U)	0.833 (U)					
3/27/2020						0.485 (U)	1.04 (U)	
3/31/2020								1.2 (U)
8/25/2020		0.778 (U)	0.33 (U)					
8/28/2020	0 (U)							
9/15/2020	0.748 (U)	0.124 (U)	0.161 (U)					
9/16/2020				0.531 (U)	0.422 (U)	0.135 (U)	0.526 (U)	
9/17/2020								1.38 (U)
11/10/2020				0.788 (U)	0.293 (U)			
12/15/2020				1.04 (U)	0.7 (U)			
1/19/2021				0.685 (U)	0.79 (U)			
2/8/2021	0.223 (U)							
2/9/2021		0.721 (U)	0.447 (U)	0.138 (U)	0.486 (U)			
2/10/2021						0.281 (U)		
2/16/2021							0.764 (U)	1.17 (U)
3/10/2021	0 (U)				0.811 (U)			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
3/11/2021		0.737 (U)	0.128 (U)	1.51 (U)				
3/15/2021						0.666 (U)	1.3 (U)	
3/16/2021								0.446 (U)
8/11/2021	0.115 (U)			0.394 (U)				
8/12/2021		0.746 (U)	0.4435 (UD)					
8/13/2021					1.0795 (UD)			
8/16/2021						0.143 (U)		
8/17/2021								0.771 (U)
8/18/2021							1.02 (U)	
2/1/2022	0.143 (U)	0.588 (U)	0.266 (U)	1.12	0.665 (U)			
2/9/2022								0.198 (U)
2/10/2022						0.175 (U)	0.945 (U)	
8/2/2022	0.203 (U)	0.861 (U)	0.4 (U)	0.662 (U)	0.952 (U)			
8/3/2022							0.455 (U)	
8/4/2022								0.597 (U)
8/11/2022						0.461 (U)		
1/23/2023			0.311 (U)					
1/24/2023	0.549 (U)	0.829 (U)		1.25	0.421 (U)			
1/26/2023								0.516 (U)
1/27/2023						0.45 (U)		
2/1/2023							0.241 (U)	
8/8/2023	0.195 (U)	0.175 (U)	0.411 (U)	0.503 (U)	0.163 (U)			
8/11/2023								0.867 (U)
8/12/2023						0.729 (U)	0.767 (U)	
2/13/2024	0.194 (U)	0.325 (U)	0.213 (U)	0.86 (U)	0.909			
2/14/2024						0.401 (U)	0.529 (U)	
2/15/2024								0.461 (U)
8/5/2024	0.64 (U)	1.27	0.371 (U)					
8/6/2024				0.674 (U)	0.529 (U)			
8/7/2024						0.611 (U)	0.556 (U)	0.502 (U)
2/12/2025	0.624 (U)			0.624 (U)	0.622 (U)			
2/14/2025		1.2 (U)	0.606 (U)					
2/15/2025							0.363 (U)	0.324 (U)
2/16/2025						0.349 (U)		
8/5/2025	0.226 (U)	0.278 (U)	0.125 (U)	0.994 (U)	0.255 (U)			
8/6/2025						0.324 (U)	0 (U)	
8/7/2025								0.441 (U)
2/3/2026	1.02 (U)	0.679 (U)	0.888 (U)	1.14 (U)	0.915 (U)			
2/5/2026						0.317 (U)	1.08 (U)	
2/6/2026								0.593 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.419	0.509	1.12	0.625				
7/12/2016	0.855	0.784	1.61	0.478				
9/1/2016	0.844	0.261	1.23	0.595				
10/24/2016	0.917	1.42	1.98	1.54				
12/7/2016	0.558	0.781	0.319	0.657				
1/26/2017	0.922	0.842	0.54	1.22				
3/22/2017	0.751	0.318	0.635	0.285				
5/24/2017	0.725 (U)	0.687 (U)	1.01	0.655 (U)				
4/4/2018	0.715	1.5	0.956	0.882 (U)				
6/5/2018	0.718 (U)	0.549 (U)		1.1 (U)				
6/6/2018			0.424 (U)					
10/2/2018	0.948							
10/3/2018		1.48	0.57 (U)					
10/5/2018				0.558 (U)				
3/13/2019	1.19 (U)	0.584 (U)		0.39 (U)		0.538 (U)	0.311 (U)	1.81
3/14/2019			0.992 (U)		0.347 (U)			
4/2/2019						1.02 (U)		
4/3/2019	1.82 (U)	0.36 (U)	0.734 (U)		0.884 (U)			
4/4/2019								1.33
4/5/2019				0.422 (U)				
4/8/2019							0.573 (U)	
9/25/2019						1.35 (U)		
9/26/2019				0.939 (U)			0.878 (U)	0.974 (U)
9/27/2019	1.16 (U)	1.78	0.958 (U)		0.534 (U)			
3/2/2020						0.653 (U)		
3/3/2020	0.667 (U)	0.716 (U)	0.971 (U)					
3/4/2020				0.708 (U)	1.04		0.333 (U)	1.12
3/26/2020			0.209 (U)		1.1 (U)			
3/27/2020						0.1 (U)		
3/30/2020				0.602 (U)			0.107 (U)	
3/31/2020		1.3 (U)						
4/1/2020	0.235 (U)							
4/2/2020								2.48
9/16/2020	0 (U)							
9/17/2020						0.469 (U)		
9/18/2020		1.24 (U)	0.916 (U)					1.13 (U)
9/21/2020				1.53	1.36 (U)		1.23 (U)	
2/11/2021						0.334 (U)		
2/12/2021		1.1	0.236 (U)		0.764 (U)			
2/15/2021	1.91							
2/16/2021							0.156 (U)	1.21
2/22/2021				1.02				
3/12/2021	1.12 (U)							0.649 (U)
3/15/2021						1.24 (U)		
3/16/2021		1.71	0.245 (U)					
3/17/2021				1.45 (U)	0.466 (U)		0.174 (U)	
8/17/2021	0.595 (U)					0.709 (U)		1.06 (U)
8/18/2021		0.919 (U)	0.919 (U)		0.642 (U)			
8/19/2021				0.764 (U)			0.227 (U)	
2/9/2022	0.49 (U)	0.444 (U)	0.564 (U)		0.245 (U)			
2/10/2022				0.442 (U)		0.32 (U)	0.178 (U)	0.809 (U)
8/3/2022	0.454 (U)	0.823 (U)	0.418 (U)	0.54 (U)			0.263 (U)	0.685 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					0.509 (U)	1.05 (U)		
1/26/2023		0.441 (U)	0.877	0.719	0.333 (U)	0.561 (U)	0.0906 (U)	
1/27/2023	1.2							1.1
8/10/2023	0.831 (U)	0.273 (U)	0.453 (U)		0.437 (U)	0.469 (U)		
8/12/2023				0.58 (U)			0.481 (U)	0.645 (U)
2/14/2024						0.341 (U)		
2/15/2024	0.31 (U)	0.819 (U)	0.364 (U)		0.459 (U)		0.5 (U)	
2/16/2024				0.338 (U)				1.31
8/7/2024	0.268 (U)	0.874 (U)	0.455 (U)			0.54 (U)		
8/8/2024				0.561 (U)	0.44 (U)		0.338 (U)	0.461 (U)
2/13/2025		0.491 (U)	0.725 (U)		0.709 (U)			
2/14/2025	0.372 (U)							
2/15/2025						1.21 (U)		0.666 (U)
2/16/2025							0.271 (U)	
2/17/2025				1.01 (U)				
8/6/2025	0.404 (U)	1.5 (U)	0.261 (U)		0.656 (U)	0.527 (U)		0.816 (U)
8/10/2025				0.428 (U)			0.625 (U)	
2/4/2026					0.783 (U)		0.526 (U)	
2/5/2026	1.06 (U)	0.69 (U)	0.541 (U)	0.113 (U)				
2/6/2026						0.371 (U)		0.933 (U)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	0.105 (J)	0.0303 (J)	0.0513 (J)					
5/20/2016						0.0828 (J)	0.499	
5/23/2016								<0.3
7/11/2016	0.16 (J)	0.05 (J)						
7/12/2016			0.12 (J)			0.2 (J)	0.67	0.24 (J)
8/30/2016	0.09 (J)	0.06 (J)	0.09 (J)					
9/1/2016						0.51	0.94	0.46
10/19/2016	0.1 (J)	0.04 (J)	0.1 (J)					
10/20/2016						0.4	0.56	0.56
12/6/2016	0.11 (J)	0.36	0.21 (J)			0.26 (J)	0.76	0.31
1/24/2017	0.09 (J)	<0.1	0.06 (J)					
1/25/2017						0.24 (J)	1.1	
1/26/2017								0.004 (J)
3/21/2017	0.13 (J)	<0.1	0.005 (J)			0.13 (J)	0.46	
3/22/2017								0.28 (J)
5/22/2017	0.12 (J)	<0.1	0.05 (J)					
5/23/2017						0.11 (J)	0.65	0.29 (J)
10/3/2017	0.13 (J)	<0.1	0.13 (J)			0.17 (J)	0.66	0.53
4/2/2018	<0.3	<0.1						
4/3/2018			<0.1			<0.3	0.39	<0.3
6/4/2018	0.074 (J)	<0.1	<0.1					
6/5/2018						0.099 (J)		
6/6/2018							0.46	0.12 (J)
10/1/2018	<0.3	<0.1	<0.1					
10/2/2018						<0.3	0.51	0.031 (J)
3/12/2019	0.29 (J)	0.038 (J)	0.072 (J)				0.58	
3/13/2019						0.12 (J)		0.14 (J)
4/1/2019			0.029 (J)					
4/2/2019	0.1 (J)	0.071 (J)				0.097 (J)		
4/3/2019							0.63	0.14 (J)
9/23/2019	0.078 (J)	<0.1	<0.1					
9/24/2019							0.49	
9/25/2019						0.1 (J)		
9/27/2019								0.26 (J)
3/2/2020	0.076 (J)	<0.1	<0.1					
3/3/2020							0.45	
3/4/2020						0.077 (J)		0.08 (J)
3/25/2020	0.098 (J)	<0.1	<0.1					
3/27/2020						0.059 (J)	0.46	
3/31/2020								0.074 (J)
6/16/2020	0.071 (J)		<0.1				0.45	
6/17/2020						0.077 (J)		
8/25/2020		<0.1	<0.1					
8/28/2020	0.08 (J)							
9/15/2020	0.082 (J)	<0.1	<0.1					
9/16/2020				0.22	0.37 (D)	0.081 (J)	0.53	
9/17/2020								0.1
11/10/2020				0.19	0.59			
12/15/2020				0.21	0.67			
1/19/2021				0.16	0.74			
2/8/2021	0.078 (J)							
2/9/2021		<0.1	0.074 (J)	0.19	0.44			

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/10/2021						0.085 (J)		
2/16/2021							0.47	0.096 (J)
3/10/2021	0.079 (J)				0.65			
3/11/2021		0.1	<0.1	0.2				
3/15/2021						0.086 (J)	0.51	
3/16/2021								0.098 (J)
8/11/2021	0.058 (J)			0.15				
8/12/2021		<0.1	<0.1					
8/13/2021					0.87			
8/16/2021						0.084 (J)		
8/17/2021								0.095 (J)
8/18/2021							0.41	
2/1/2022	0.064 (J)	<0.1	<0.1	0.19	0.96			
2/9/2022								0.1
2/10/2022						0.083 (J)	0.42	
8/2/2022	0.09 (J)	0.053 (J)	0.067 (J)	0.22	0.8			
8/3/2022							0.44	
8/4/2022								0.13
8/11/2022						0.11		
1/23/2023			0.061 (J)					
1/24/2023	0.089 (J)	0.053 (J)		0.23	1.3			
1/26/2023								0.11
1/27/2023						0.1		
2/1/2023							0.4	
8/8/2023	0.088 (J)	0.07 (J)	0.055 (J)	0.18	1.3			
8/11/2023								0.12
8/12/2023						0.071 (J)	0.59	
2/13/2024	0.071 (J)	0.17	<0.1	0.2	1.5			
2/14/2024						0.081 (J)	0.3	
2/15/2024								0.087 (J)
8/5/2024	0.11	0.12	0.077 (J)					
8/6/2024				0.21	1.3			
8/7/2024						0.074 (J)	0.37	0.084 (J)
2/12/2025	0.1		0.073 (J)	0.21	1.1			
2/14/2025		0.1						
2/15/2025							0.24	0.071 (J)
2/16/2025						0.056 (J)		
8/5/2025	0.055 (J)	<0.1	<0.1	0.16	0.87			
8/6/2025						0.11	0.22	
8/7/2025								0.1
2/3/2026	0.089 (J)	0.13	0.066 (J)	0.18	0.95			
2/5/2026						0.11	0.39	
2/6/2026								0.098 (J)

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.0394 (J)	0.203 (J)	0.212 (J)	0.2587 (J)				
7/12/2016	0.15 (J)	0.44	0.31	0.53				
9/1/2016	0.5	0.67	0.62	0.74				
10/24/2016	0.06 (J)	0.26 (J)	0.19 (J)	0.31				
12/7/2016	0.44	0.55	0.73	1				
1/26/2017	0.29 (J)	0.27 (J)	0.12 (J)	0.68				
3/22/2017	0.34	0.66	0.44	0.76				
5/24/2017	0.13 (J)	0.35	0.34	0.54				
10/3/2017	0.46	0.56	0.58	0.83				
4/4/2018	<0.1	0.39	<0.3	0.65				
6/5/2018	<0.1	0.24 (J)		0.47				
6/6/2018			0.21 (J)					
10/2/2018	0.17 (J)							
10/3/2018		0.31	0.15 (J)					
10/5/2018				0.77				
3/13/2019	0.17 (J)	0.51		0.78		0.072 (J)	0.074 (J)	0.28 (J)
3/14/2019			1.1		0.35			
4/2/2019						<0.1		
4/3/2019	0.082 (J)	0.43	0.3 (J)		0.19 (J)			
4/4/2019								0.26 (J)
4/5/2019				0.83				
4/8/2019							0.048 (J)	
9/25/2019						<0.1		
9/26/2019				0.64			0.18 (J)	0.42
9/27/2019	0.17 (J)	0.42	0.26 (J)		0.53			
3/2/2020						<0.1		
3/3/2020	0.11 (J)	0.24 (J)	0.21 (J)					
3/4/2020				0.37	0.096 (J)		0.051 (J)	0.25 (J)
3/26/2020			0.17 (J)		0.12 (J)			
3/27/2020						<0.1		
3/30/2020				0.44			0.064 (J)	
3/31/2020		0.19 (J)						
4/1/2020	0.12 (J)							
4/2/2020								0.24 (J)
9/16/2020	<0.1							
9/17/2020						<0.1		
9/18/2020		0.15	0.15					0.22
9/21/2020				0.44	0.17		<0.1	
2/11/2021						<0.1		
2/12/2021		0.17	0.19		0.16			
2/15/2021	0.08 (J)							
2/16/2021							<0.1	0.25
2/22/2021				0.55				
3/12/2021	0.054 (J)							0.24
3/15/2021						<0.1		
3/16/2021		0.21	0.2					
3/17/2021				0.65	0.18		<0.1	
8/17/2021	<0.1					<0.1		0.24
8/18/2021		0.21	0.15		0.12			
8/19/2021				0.53			<0.1	
2/9/2022	0.12	0.2	0.2		0.076 (J)			
2/10/2022				0.53		<0.1	0.051 (J)	0.25

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/3/2022	0.13	0.22	0.21	0.55			0.075 (J)	0.27
8/4/2022					0.18	0.074 (J)		
1/26/2023		0.2	0.21	0.4	0.098 (J)	0.081 (J)	0.083 (J)	
1/27/2023	0.16							0.3
8/10/2023	0.05 (J)	0.15	0.17		0.14	<0.1		
8/12/2023				0.32			0.08 (J)	0.26
2/14/2024						0.06 (J)		
2/15/2024	0.12	0.21	0.19		0.06 (J)		0.12	
2/16/2024				0.33				0.2
8/7/2024	0.075 (J)	0.11	0.17			<0.1		
8/8/2024				0.38	0.17		0.054 (J)	0.21
2/13/2025		0.3 (M1)	0.24		0.075 (J)			
2/14/2025	0.086 (J)							
2/15/2025						<0.1		0.17
2/16/2025							0.11	
2/17/2025				0.4				
8/6/2025	0.16	0.22	0.32		0.16	0.083 (J)		0.32
8/10/2025				0.44			0.084 (J)	
2/4/2026					0.15		0.12	
2/5/2026	0.12	0.22	0.22	0.39				
2/6/2026						0.065 (J)		0.25

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.001	<0.001	<0.001					
5/20/2016						<0.001	<0.001	
5/23/2016								<0.001
7/11/2016	<0.001	<0.001						
7/12/2016			0.0001 (J)			<0.001	<0.001	<0.001
8/30/2016	<0.001	<0.001	<0.001					
9/1/2016						<0.001	<0.001	<0.001
10/19/2016	<0.001	<0.001	<0.001					
10/20/2016						<0.001	<0.001	<0.001
12/6/2016	<0.001	<0.001	<0.001			0.0001 (J)	<0.001	0.0002 (J)
1/24/2017	<0.001	<0.001	<0.001					
1/25/2017						0.0001 (J)	<0.001	
1/26/2017								0.0001 (J)
3/21/2017	<0.001	6E-05 (J)	0.0001 (J)			9E-05 (J)	<0.001	
3/22/2017								<0.001
5/22/2017	<0.001	9E-05 (J)	<0.001					
5/23/2017						8E-05 (J)	<0.001	0.0001 (J)
4/2/2018	<0.001	<0.001						
4/3/2018			<0.001			<0.001	<0.001	<0.001
3/12/2019	<0.001	<0.001	<0.001				<0.001	
3/13/2019						<0.001		<0.001
4/1/2019			<0.001					
4/2/2019	<0.001	<0.001				<0.001		
9/23/2019	7.8E-05 (J)	9.2E-05 (J)	<0.001					
3/2/2020	4.8E-05 (J)	9.5E-05 (J)	<0.001					
3/3/2020							0.00013 (J)	
3/4/2020						0.00051 (J)		8.4E-05 (J)
3/25/2020	<0.001	0.00011 (J)	<0.001					
3/27/2020						5.4E-05 (J)	<0.001	
3/31/2020								0.00014 (J)
8/25/2020		8.5E-05 (J)	<0.001					
8/28/2020	7E-05 (J)							
9/15/2020	<0.001	8E-05 (J)	4.2E-05 (J)					
9/16/2020				5E-05 (J)	0.00021 (J)	0.0002 (J)	0.0002 (J)	
9/17/2020								0.00022 (J)
11/10/2020				6.9E-05 (J)	0.0002 (J)			
12/15/2020				8.2E-05 (J)	0.00011 (J)			
1/19/2021				4.4E-05 (J)	0.00019 (J)			
2/8/2021	5.8E-05 (J)							
2/9/2021		9.4E-05 (J)	<0.001	0.00029 (J)	0.0001 (J)			
2/10/2021						0.00056 (J)		
2/16/2021							8.6E-05 (J)	0.0002 (J)
3/10/2021	<0.001				<0.001			
3/11/2021		7.6E-05 (J)	<0.001	9.4E-05 (J)				
3/15/2021						0.0013	0.00011 (J)	
3/16/2021								0.00027 (J)
8/11/2021	<0.001			<0.001				
8/12/2021		<0.001	<0.001					
8/13/2021					<0.001			
8/16/2021						<0.001		
8/17/2021								<0.001
8/18/2021							<0.001	

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/1/2022	<0.001	<0.001	<0.001	<0.001	<0.001			
2/9/2022								<0.001
2/10/2022						<0.001	<0.001	
8/2/2022	<0.001	<0.001	<0.001	<0.001	<0.001			
8/3/2022							<0.001	
8/4/2022								<0.001
8/11/2022						<0.001		
1/23/2023			<0.001					
1/24/2023	<0.001	<0.001		<0.001	<0.001			
1/26/2023								<0.001
1/27/2023						<0.001		
2/1/2023							<0.001	
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001			
8/11/2023								<0.001
8/12/2023						<0.001	<0.001	
2/13/2024	<0.001	0.00018 (J)	<0.001	<0.001	<0.001			
2/14/2024						<0.001	<0.001	
2/15/2024								<0.001
8/5/2024	<0.001	<0.001	<0.001					
8/6/2024				<0.001	<0.001			
8/7/2024						<0.001	<0.001	<0.001
2/12/2025	<0.001		<0.001	<0.001	<0.001			
2/14/2025		<0.001						
2/15/2025							<0.001	<0.001
2/16/2025						<0.001		
8/5/2025	<0.001	<0.001	0.0003 (J)	<0.001	<0.001			
8/6/2025						<0.001	<0.001	
8/7/2025								<0.001
2/3/2026	<0.001	<0.001	<0.001	<0.001	<0.001			
2/5/2026						<0.001	<0.001	
2/6/2026								<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.001	<0.001	<0.001	<0.001				
7/12/2016	<0.001	<0.001	<0.001	<0.001				
9/1/2016	<0.001	<0.001	<0.001	<0.001				
10/24/2016	<0.001	<0.001	<0.001	<0.001				
12/7/2016	<0.001	<0.001	<0.001	<0.001				
1/26/2017	<0.001	<0.001	<0.001	<0.001				
3/22/2017	<0.001	0.0003 (J)	<0.001	7E-05 (J)				
5/24/2017	<0.001	9E-05 (J)	<0.001	<0.001				
4/4/2018	<0.001	<0.001	<0.001	<0.001				
3/13/2019	<0.001	<0.001		<0.001		<0.001	<0.001	<0.001
3/14/2019			<0.001		<0.001			
3/2/2020						0.00017 (J)		
3/3/2020	<0.001	0.00021 (J)	5.6E-05 (J)					
3/4/2020				0.00014 (J)	0.00011 (J)		0.00019 (J)	<0.001
3/26/2020			0.00043 (J)		<0.001			
3/27/2020						0.00013 (J)		
3/30/2020				0.0001 (J)			6.4E-05 (J)	
3/31/2020		0.0003 (J)						
4/1/2020	5E-05 (J)							
4/2/2020								0.00013 (J)
9/16/2020	<0.001							
9/17/2020						<0.001		
9/18/2020		6E-05 (J)	9.6E-05 (J)					<0.001
9/21/2020				0.00015 (J)	8.5E-05 (J)		4.2E-05 (J)	
2/11/2021						3.9E-05 (J)		
2/12/2021		<0.001	6.7E-05 (J)		7.1E-05 (J)			
2/15/2021	<0.001							
2/16/2021							0.00012 (J)	0.00043 (J)
2/22/2021				0.00018 (J)				
3/12/2021	<0.001							<0.001
3/15/2021						0.0001 (J)		
3/16/2021		9.9E-05 (J)	8.9E-05 (J)					
3/17/2021				0.00015 (J)	3.8E-05 (J)		4E-05 (J)	
8/17/2021	<0.001					<0.001		<0.001
8/18/2021		<0.001	<0.001		<0.001			
8/19/2021				<0.001			<0.001	
2/9/2022	<0.001	<0.001	<0.001		<0.001			
2/10/2022				<0.001		<0.001	<0.001	<0.001
8/3/2022	<0.001	<0.001	<0.001	<0.001			<0.001	<0.001
8/4/2022					<0.001	<0.001		
1/26/2023		<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	
1/27/2023	<0.001							<0.001
8/10/2023	<0.001	<0.001	<0.001		<0.001	<0.001		
8/12/2023				<0.001			<0.001	<0.001
2/14/2024						<0.001		
2/15/2024	<0.001	<0.001	<0.001		<0.001		<0.001	
2/16/2024				<0.001				<0.001
8/7/2024	<0.001	<0.001	<0.001			<0.001		
8/8/2024				<0.001	<0.001		<0.001	<0.001
2/13/2025		<0.001	<0.001		<0.001			
2/14/2025	<0.001							
2/15/2025						<0.001		<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/16/2025							<0.001	
2/17/2025				<0.001				
8/6/2025	<0.001	<0.001	<0.001		<0.001	<0.001		<0.001
8/10/2025				0.00033 (J)			<0.001	
2/4/2026					<0.001		<0.001	
2/5/2026	<0.001	<0.001	<0.001	<0.001				
2/6/2026						<0.001		<0.001

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.002	<0.002	<0.002					
5/20/2016						<0.002	<0.002	
5/23/2016								<0.002
7/11/2016	<0.002	0.0014 (J)						
7/12/2016			0.0024 (J)			0.0021 (J)	0.0023 (J)	0.004 (J)
8/30/2016	<0.002	<0.002	0.0025 (J)					
9/1/2016						0.0025 (J)	0.0029 (J)	0.0044 (J)
10/19/2016	<0.002	<0.002	0.003 (J)					
10/20/2016						0.0021 (J)	0.0027 (J)	0.0027 (J)
12/6/2016	<0.002	<0.002	0.0033 (J)			0.0026 (J)	0.0032 (J)	0.005 (J)
1/24/2017	<0.002	<0.002	0.003 (J)					
1/25/2017						0.0024 (J)	0.0026 (J)	
1/26/2017								0.0042 (J)
3/21/2017	<0.002	0.0012 (J)	0.0034 (J)			0.0026 (J)	0.0029 (J)	
3/22/2017								0.0043 (J)
5/22/2017	<0.002	<0.002	0.003 (J)					
5/23/2017						0.0026 (J)	0.0029 (J)	0.0048 (J)
4/2/2018	<0.002	0.0015 (J)						
4/3/2018			0.003 (J)			0.0023 (J)	0.0025 (J)	0.0043 (J)
6/4/2018	0.001 (J)	0.0016 (J)	0.0027 (J)					
6/5/2018						0.0022 (J)		
6/6/2018							0.0023 (J)	0.0043 (J)
10/1/2018	0.00099 (J)	0.0013 (J)	0.0032 (J)					
10/2/2018						0.003 (J)	0.0025 (J)	0.004 (J)
3/12/2019	0.001 (J)	0.0018 (J)	0.0032 (J)				0.0025 (J)	
3/13/2019						0.0024 (J)		0.004 (J)
4/1/2019			0.0032 (J)					
4/2/2019	0.001 (J)	0.0018 (J)				0.002 (J)		
4/3/2019							0.0025 (J)	0.004 (J)
9/23/2019	0.0011 (J)	0.0016 (J)	0.0029 (J)					
9/24/2019							0.0024 (J)	
9/25/2019						0.0019 (J)		
9/27/2019								0.0044 (J)
3/2/2020	0.0012 (J)	0.0017 (J)	0.0037 (J)					
3/3/2020							0.0028 (J)	
3/4/2020						0.0034 (J)		0.004 (J)
3/25/2020	0.00083 (J)	0.0017 (J)	0.0035 (J)					
3/27/2020						0.002 (J)	0.0026 (J)	
3/31/2020								0.0043 (J)
8/25/2020		0.0015 (J)	0.0027 (J)					
8/28/2020	0.00087 (J)							
9/15/2020	0.00087 (J)	0.0015 (J)	0.0026 (J)					
9/16/2020				0.0018 (J)	0.014 (J)	0.0026 (J)	0.0033 (J)	
9/17/2020								0.004 (J)
11/10/2020				0.0013 (J)	0.025 (J)			
12/15/2020				0.0019 (J)	0.028 (J)			
1/19/2021				0.0025 (J)	0.034			
2/8/2021	0.00086 (J)							
2/9/2021		0.0012 (J)	0.0032 (J)	0.0026 (J)	0.026 (J)			
2/10/2021						0.0032 (J)		
2/16/2021							0.0027 (J)	0.0045 (J)
3/10/2021	0.0009 (J)				0.03			

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
3/11/2021		0.0011 (J)	0.0035 (J)	0.0022 (J)				
3/15/2021						0.0038 (J)	0.0029 (J)	
3/16/2021								0.0046 (J)
8/11/2021	0.00078 (J)			0.0024 (J)				
8/12/2021		0.0012 (J)	0.0028 (J)					
8/13/2021					0.032			
8/16/2021						0.0025 (J)		
8/17/2021								0.004 (J)
8/18/2021							0.0029 (J)	
2/1/2022	0.0011 (J)	0.0017 (J)	0.0037 (J)	0.0024 (J)	0.048			
2/9/2022								0.0041 (J)
2/10/2022						0.0022 (J)	0.003 (J)	
8/2/2022	<0.002	0.0013 (J)	0.003 (J)	0.0019 (J)	0.041			
8/3/2022							0.0026 (J)	
8/4/2022								0.0036 (J)
8/11/2022						0.0019 (J)		
1/23/2023			0.003 (J)					
1/24/2023	0.00092 (J)	0.0014 (J)		0.002 (J)	0.064			
1/26/2023								0.0032 (J)
1/27/2023						0.0018 (J)		
2/1/2023							0.0015 (J)	
8/8/2023	<0.002	0.0017 (J)	0.0031 (J)	0.0021 (J)	0.092			
8/11/2023								0.0035 (J)
8/12/2023						0.0023 (J)	0.0014 (J)	
2/13/2024	<0.002	0.0017 (J)	0.0034 (J)	0.0024 (J)	0.088			
2/14/2024						0.0016 (J)	<0.002	
2/15/2024								0.0031 (J)
8/5/2024	<0.002	0.0019 (J)	0.0034 (J)					
8/6/2024				0.0025 (J)	0.1			
8/7/2024						0.0026 (J)	<0.002	0.003 (J)
2/12/2025	0.00119 (J)		0.00331 (J)	0.00266 (J)	0.101			
2/14/2025		0.00183 (J)						
2/15/2025							0.000838 (J)	0.00343 (J)
2/16/2025						0.00167 (J)		
8/5/2025	0.00116 (J)	0.0026	0.00374	0.00308	0.104			
8/6/2025						0.00189 (J)	<0.002	
8/7/2025								0.00232
2/3/2026	0.00144 (J)	0.00202	0.00408	0.00335	0.111			
2/5/2026						0.0021	0.000661 (J)	
2/6/2026								0.00296

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.002	<0.002	0.0107 (J)	0.0422 (J)				
7/12/2016	<0.002	<0.002	0.0113 (J)	0.0366 (J)				
9/1/2016	<0.002	<0.002	0.0118 (J)	0.04 (J)				
10/24/2016	<0.002	<0.002	0.0114 (J)	0.0435 (J)				
12/7/2016	<0.002	<0.002	0.0155 (J)	0.0477 (J)				
1/26/2017	<0.002	<0.002	0.0099 (J)	0.0342 (J)				
3/22/2017	<0.002	<0.002	0.0098 (J)	0.0353 (J)				
5/24/2017	<0.002	<0.002	0.0105 (J)	0.0317 (J)				
4/4/2018	<0.002	<0.002	0.008 (J)	0.031 (J)				
6/5/2018	<0.002	<0.002		0.031 (J)				
6/6/2018			0.0095 (J)					
10/2/2018	<0.002							
10/3/2018		<0.002	0.0083 (J)					
10/5/2018				0.027 (J)				
3/13/2019	<0.002	<0.002		0.029 (J)		0.0016 (J)	0.0029 (J)	0.0097 (J)
3/14/2019			0.0058 (J)		0.0089 (J)			
4/2/2019						0.0015 (J)		
4/3/2019	<0.002	<0.002	0.0066 (J)		0.0061 (J)			
4/4/2019								0.0069 (J)
4/5/2019				0.023 (J)				
4/8/2019							0.0027 (J)	
9/25/2019						<0.002		
9/26/2019				0.035			0.003 (J)	0.0055 (J)
9/27/2019	<0.002	<0.002	0.011 (J)		0.013 (J)			
3/2/2020						0.00082 (J)		
3/3/2020	<0.002	<0.002	0.0063 (J)					
3/4/2020				0.041	0.01 (J)		0.0026 (J)	0.0047 (J)
3/26/2020			0.0063 (J)		0.013 (J)			
3/27/2020						0.0012 (J)		
3/30/2020				0.038			0.0027 (J)	
3/31/2020		<0.002						
4/1/2020	<0.002							
4/2/2020								0.0068 (J)
9/16/2020	<0.002							
9/17/2020						<0.002		
9/18/2020		<0.002	0.01 (J)					0.0084 (J)
9/21/2020				0.028 (J)	0.013 (J)		0.0024 (J)	
2/11/2021						0.001 (J)		
2/12/2021		<0.002	0.0094 (J)		0.012 (J)			
2/15/2021	<0.002							
2/16/2021							0.0028 (J)	0.0078 (J)
2/22/2021				0.032				
3/12/2021	<0.002							0.009 (J)
3/15/2021						0.0011 (J)		
3/16/2021		<0.002	0.0081 (J)					
3/17/2021				0.031	0.012 (J)		0.0027 (J)	
8/17/2021	<0.002					0.00091 (J)		0.0079 (J)
8/18/2021		<0.002	0.0099 (J)		0.014 (J)			
8/19/2021				0.028 (J)			0.0027 (J)	
2/9/2022	<0.002	<0.002	0.01 (J)		0.0067 (J)			
2/10/2022				0.031		0.00099 (J)	0.0029 (J)	0.0086 (J)
8/3/2022	<0.002	<0.002	0.0068 (J)	0.029 (J)			0.0024 (J)	0.0063 (J)

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					0.013 (J)	0.00075 (J)		
1/26/2023		<0.002	0.0058 (J)	0.04	0.0038 (J)	<0.002	0.0025 (J)	
1/27/2023	<0.002							0.0072 (J)
8/10/2023	<0.002	<0.002	0.0075 (J)		0.011 (J)	<0.002		
8/12/2023				0.051			0.003 (J)	0.0072 (J)
2/14/2024						<0.002		
2/15/2024	<0.002	<0.002	0.008 (J)		<0.002		0.0031 (J)	
2/16/2024				0.052				0.011 (J)
8/7/2024	<0.002	<0.002	0.0089 (J)			<0.002		
8/8/2024				0.052	0.011 (J)		0.0029 (J)	0.011 (J)
2/13/2025		<0.002	0.00909 (J)		<0.002			
2/14/2025	<0.002							
2/15/2025						0.00094 (J)		0.0115 (J)
2/16/2025							0.00274 (J)	
2/17/2025				0.0325				
8/6/2025	<0.002	<0.002	0.00838		0.00411	<0.002		0.00482
8/10/2025				0.0333			0.00352	
2/4/2026					0.00791		0.00275	
2/5/2026	<0.002	<0.002	0.0103	0.0454				
2/6/2026						0.00101 (J)		0.00878

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.0002	<0.0002	<0.0002					
5/20/2016						<0.0002	<0.0002	
5/23/2016								<0.0002
7/11/2016	<0.0002	<0.0002						
7/12/2016			<0.0002			<0.0002	<0.0002	<0.0002
8/30/2016	4E-05 (J)	4E-05 (J)	<0.0002					
9/1/2016						<0.0002	<0.0002	<0.0002
10/19/2016	<0.0002	<0.0002	<0.0002					
10/20/2016						<0.0002	<0.0002	<0.0002
12/6/2016	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	<0.0002
1/24/2017	<0.0002	<0.0002	<0.0002					
1/25/2017						<0.0002	<0.0002	
1/26/2017								4E-05 (J)
3/21/2017	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002	
3/22/2017								<0.0002
5/22/2017	<0.0002	<0.0002	<0.0002					
5/23/2017						<0.0002	<0.0002	<0.0002
4/2/2018	<0.0002	<0.0002						
4/3/2018			<0.0002			<0.0002	<0.0002	<0.0002
3/12/2019	<0.0002	<0.0002	<0.0002				<0.0002	
3/13/2019						<0.0002		<0.0002
9/24/2019							<0.0002	
3/2/2020	<0.0002	<0.0002	<0.0002					
3/3/2020							<0.0002	
3/4/2020						<0.0002		<0.0002
8/25/2020		<0.0002	<0.0002					
8/28/2020	<0.0002							
9/16/2020				<0.0002	<0.0002			
11/10/2020				<0.0002	<0.0002			
12/15/2020				<0.0002	<0.0002			
1/19/2021				<0.0002	<0.0002			
2/8/2021	<0.0002							
2/9/2021		<0.0002	<0.0002	<0.0002	<0.0002			
2/10/2021						<0.0002		
2/16/2021							<0.0002	<0.0002
8/11/2021	<0.0002			<0.0002				
8/12/2021		<0.0002	<0.0002					
8/13/2021					<0.0002			
2/1/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
2/9/2022								<0.0002
2/10/2022						<0.0002	<0.0002	
8/2/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
8/3/2022							<0.0002	
8/4/2022								<0.0002
8/11/2022						<0.0002		
1/23/2023			<0.0002					
1/24/2023	<0.0002	<0.0002		<0.0002	<0.0002			
1/26/2023								<0.0002
1/27/2023						<0.0002		
2/1/2023							<0.0002	
8/8/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
8/11/2023								<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
8/12/2023						<0.0002	<0.0002	
2/13/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
2/14/2024						<0.0002	<0.0002	
2/15/2024								<0.0002
8/5/2024	<0.0002	<0.0002	<0.0002					
8/6/2024				<0.0002	<0.0002			
8/7/2024						<0.0002	<0.0002	<0.0002
2/12/2025	<0.0002		<0.0002	<0.0002	<0.0002			
2/14/2025		<0.0002						
2/15/2025							<0.0002	<0.0002
2/16/2025						<0.0002		
8/5/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
8/6/2025						<0.0002	<0.0002	
8/7/2025								<0.0002
2/3/2026	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			
2/5/2026						<0.0002	<0.0002	
2/6/2026								<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.0002	<0.0002	<0.0002	<0.0002				
7/12/2016	<0.0002	<0.0002	<0.0002	<0.0002				
9/1/2016	<0.0002	<0.0002	<0.0002	<0.0002				
10/24/2016	<0.0002	<0.0002	<0.0002	<0.0002				
12/7/2016	<0.0002	<0.0002	<0.0002	<0.0002				
1/26/2017	5E-05 (J)	5E-05 (J)	<0.0002	4E-05 (J)				
3/22/2017	<0.0002	<0.0002	<0.0002	<0.0002				
5/24/2017	<0.0002	<0.0002	<0.0002	5E-05 (J)				
4/4/2018	<0.0002	<0.0002	<0.0002	<0.0002				
3/13/2019	<0.0002	<0.0002		<0.0002		<0.0002	<0.0002	<0.0002
3/14/2019			<0.0002		<0.0002			
9/27/2019	<0.0002				<0.0002			
3/2/2020						<0.0002		
3/3/2020	<0.0002	<0.0002	<0.0002					
3/4/2020				<0.0002	<0.0002		<0.0002	<0.0002
2/11/2021						<0.0002		
2/12/2021		<0.0002	<0.0002		<0.0002			
2/15/2021	<0.0002							
2/16/2021							<0.0002	<0.0002
2/22/2021				<0.0002				
2/9/2022	<0.0002	<0.0002	<0.0002		<0.0002			
2/10/2022				<0.0002		<0.0002	<0.0002	<0.0002
8/3/2022	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002	<0.0002
8/4/2022					<0.0002	<0.0002		
1/26/2023		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
1/27/2023	<0.0002							<0.0002
8/10/2023	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002		
8/12/2023				<0.0002			<0.0002	<0.0002
2/14/2024						<0.0002		
2/15/2024	<0.0002	<0.0002	<0.0002		<0.0002		<0.0002	
2/16/2024				<0.0002				<0.0002
8/7/2024	<0.0002	<0.0002	<0.0002			<0.0002		
8/8/2024				<0.0002	<0.0002		<0.0002	<0.0002
2/13/2025		<0.0002	<0.0002		<0.0002			
2/14/2025	<0.0002							
2/15/2025						<0.0002		<0.0002
2/16/2025							<0.0002	
2/17/2025				<0.0002				
8/6/2025	<0.0002	<0.0002	<0.0002		<0.0002	<0.0002		<0.0002
8/10/2025				<0.0002			<0.0002	
2/4/2026					<0.0002		<0.0002	
2/5/2026	<0.0002	<0.0002	<0.0002	<0.0002				
2/6/2026						<0.0002		<0.0002

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.01	<0.01	<0.01					
5/20/2016						0.028	0.446	
5/23/2016								0.0187
7/11/2016	<0.01	<0.01						
7/12/2016			<0.01			0.0273	0.455	0.0229
8/30/2016	<0.01	<0.01	<0.01					
9/1/2016						0.0274	0.481	0.0239
10/19/2016	<0.01	<0.01	<0.01					
10/20/2016						0.036	0.472	0.477
12/6/2016	<0.01	<0.01	<0.01			0.0365	0.52	0.0236
1/24/2017	<0.01	<0.01	<0.01					
1/25/2017						0.0317	0.478	
1/26/2017								0.0234
3/21/2017	<0.01	<0.01	<0.01			0.0346	0.547	
3/22/2017								0.0219
5/22/2017	<0.01	<0.01	<0.01					
5/23/2017						0.0336	0.482	0.0242
4/2/2018	<0.01	<0.01						
4/3/2018			<0.01			0.032	0.44	0.025
6/4/2018	<0.01	<0.01	<0.01					
6/5/2018						0.036		
6/6/2018							0.49	0.027
10/1/2018	<0.01	<0.01	<0.01					
10/2/2018						0.039	0.47	0.028
3/12/2019	<0.01	<0.01	<0.01				0.5	
3/13/2019						0.04		0.028
4/1/2019			<0.01					
4/2/2019	<0.01	<0.01				0.041		
4/3/2019							0.5	0.03
9/23/2019	<0.01	<0.01	<0.01					
9/24/2019							0.54	
9/25/2019						0.047		
9/27/2019								0.033
3/2/2020	<0.01	<0.01	<0.01					
3/3/2020							0.44	
3/4/2020						0.045		0.031
3/25/2020	<0.01	<0.01	<0.01					
3/27/2020						0.044	0.42	
3/31/2020								0.031
6/16/2020	<0.01		<0.01				0.45	
6/17/2020						0.048		
8/25/2020		<0.01	<0.01					
8/28/2020	<0.01							
9/15/2020	<0.01	<0.01	<0.01					
9/16/2020				0.0044 (J)	0.0019 (J)	0.046	0.43	
9/17/2020								0.03
11/10/2020				0.0072 (J)	0.0018 (J)			
12/15/2020				0.0044 (J)	0.0019 (J)			
1/19/2021				0.0038 (J)	0.0035 (J)			
2/8/2021	<0.01							
2/9/2021		<0.01	<0.01	0.0045 (J)	0.0038 (J)			
2/10/2021						0.051		

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/16/2021							0.46	0.035
3/10/2021	<0.01				0.0019 (J)			
3/11/2021		<0.01	<0.01	0.0064 (J)				
3/15/2021						0.047	0.41	
3/16/2021								0.035
8/11/2021	<0.01			0.0034 (J)				
8/12/2021		<0.01	<0.01					
8/13/2021					0.0051 (J)			
8/16/2021						0.045		
8/17/2021								0.035
8/18/2021							0.48	
2/1/2022	<0.01	<0.01	<0.01	0.0036 (J)	0.0055 (J)			
2/9/2022								0.034
2/10/2022						0.045	0.34	
8/2/2022	<0.01	<0.01	<0.01	0.0042 (J)	0.002 (J)			
8/3/2022							0.29	
8/4/2022								0.033
8/11/2022						0.044		
1/23/2023			<0.01					
1/24/2023	<0.01	<0.01		0.0027 (J)	0.0026 (J)			
1/26/2023								0.021
1/27/2023						0.039		
2/1/2023							0.29	
8/8/2023	<0.01	<0.01	<0.01	0.0019 (J)	0.0013 (J)			
8/11/2023								0.03
8/12/2023						0.033	0.34	
2/13/2024	<0.01	<0.01	<0.01	0.0015 (J)	0.0018 (J)			
2/14/2024						0.028	0.18	
2/15/2024								0.01
8/5/2024	<0.01	<0.01	<0.01					
8/6/2024				0.001 (J)	0.00079 (J)			
8/7/2024						0.03	0.28	0.015
2/12/2025	<0.01		<0.01	<0.01	<0.01			
2/14/2025		<0.01						
2/15/2025							0.17	0.013
2/16/2025						0.019		
8/5/2025	<0.01	<0.01	<0.01	<0.01	<0.01			
8/6/2025						0.017	0.047	
8/7/2025								0.005 (J)
2/3/2026	<0.01	<0.01	<0.01	<0.01	<0.01			
2/5/2026						0.017	0.21	
2/6/2026								0.0095 (J)

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.01	0.0164	0.0413 (J)	0.027				
7/12/2016	0.0013 (J)	0.0251	0.0484	0.0316				
9/1/2016	<0.01	0.0259	0.0474	0.0336				
10/24/2016	<0.01	0.0293	0.047	0.0352				
12/7/2016	<0.01	0.0209	0.0432	0.0383				
1/26/2017	<0.01	0.0277	0.0484	0.041				
3/22/2017	0.0013 (J)	0.011	0.0494	0.0426				
5/24/2017	0.0014 (J)	0.0373	0.047	0.04				
4/4/2018	<0.01	0.013	0.052	0.027				
6/5/2018	<0.01	0.029		0.027				
6/6/2018			0.054					
10/2/2018	<0.01							
10/3/2018		0.02	0.054					
10/5/2018				0.033				
3/13/2019	<0.01	0.012		0.033		<0.01	<0.01	<0.01
3/14/2019			0.046		0.057			
4/2/2019						<0.01		
4/3/2019	0.0021 (J)	0.01	0.049		0.04			
4/4/2019								0.0018 (J)
4/5/2019				0.03				
4/8/2019							0.00027 (J)	
9/25/2019						<0.01		
9/26/2019				0.026			<0.01	0.0042 (J)
9/27/2019	0.0014 (J)	0.016	0.052		0.063			
3/2/2020						<0.01		
3/3/2020	<0.01	0.011	0.045					
3/4/2020				0.03	0.032		<0.01	0.0058 (J)
3/26/2020			0.045		0.033			
3/27/2020						<0.01		
3/30/2020				0.029			<0.01	
3/31/2020		0.0074 (J)						
4/1/2020	<0.01							
4/2/2020								0.003 (J)
9/16/2020	0.0014 (J)							
9/17/2020						<0.01		
9/18/2020		0.032	0.046					0.0018 (J)
9/21/2020				0.032	0.064		0.00099 (J)	
2/11/2021						<0.01		
2/12/2021		0.023	0.048		0.046			
2/15/2021	<0.01							
2/16/2021							0.00096 (J)	0.0019 (J)
2/22/2021				0.036				
3/12/2021	0.0007 (J)							0.0008 (J)
3/15/2021						<0.01		
3/16/2021		0.015	0.044					
3/17/2021				0.035	0.043		0.001 (J)	
8/17/2021	0.0012 (J)					<0.01		0.0016 (J)
8/18/2021		0.038	0.045		0.032			
8/19/2021				0.032			0.00087 (J)	
2/9/2022	<0.01	0.03	0.042		0.011			
2/10/2022				0.033		<0.01	0.0008 (J)	0.0017 (J)
8/3/2022	0.00079 (J)	0.027	0.047	0.035			0.00095 (J)	0.002 (J)

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					0.039	<0.01		
1/26/2023		0.022	0.048	0.023	0.012	<0.01	0.0012 (J)	
1/27/2023	<0.01							0.0014 (J)
8/10/2023	0.0014 (J)	0.014	0.05		0.033	<0.01		
8/12/2023				0.016			0.0019 (J)	0.0019 (J)
2/14/2024						<0.01		
2/15/2024	<0.01	0.029	0.046		<0.01		0.0085 (J)	
2/16/2024				0.013				0.0052 (J)
8/7/2024	0.0012 (J)	0.01 (J)	0.044			<0.01		
8/8/2024				0.011	0.046		0.0016 (J)	0.0052 (J)
2/13/2025		0.041	0.044		<0.01			
2/14/2025	<0.01							
2/15/2025						<0.01		0.022
2/16/2025							0.0067 (J)	
2/17/2025				0.015				
8/6/2025	<0.01	0.0025 (J)	0.037		0.013	<0.01		0.034
8/10/2025				0.018			0.0035 (J)	
2/4/2026					0.02		0.0064 (J)	
2/5/2026	<0.01	0.013	0.042	0.011				
2/6/2026						<0.01		0.015

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

Time Series

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	7.27	5.81	7.45					
5/20/2016						7.14	6.99	
5/23/2016								7.23
7/11/2016	7.06	5.68						
7/12/2016			7.32			7.13	6.88	6.87
8/30/2016	7.28	5.63	7.43					
9/1/2016						7.29	6.73	7.15
10/19/2016	7.02	5.46	7.03					
10/20/2016						7.1	6.9	7.05
12/6/2016	7.09	5.38	7.08			7.15	6.98	7.15
1/24/2017	7.2	5.37	7.39					
1/25/2017						7.11	7.04	
1/26/2017								6.99
3/21/2017	7.01	4.9	6.83			7.12	6.87	
3/22/2017								7.03
5/22/2017	7.11	5.2	7.02					
5/23/2017						7.08	6.87	7.05
10/3/2017	7.21	5.3	7.47			7.21	6.72	7.07
4/2/2018	7.1	5.4						
4/3/2018			7.38			7.14	6.87	6.99
6/4/2018	7.06	5.27	7.38					
6/5/2018						7.13		
6/6/2018							6.9	7.02
10/1/2018	7.09	5.31	7.13					
10/2/2018						7.12	6.9	7.05
3/12/2019	7.03	5.42	7.29				6.91	
3/13/2019						7.27		7.06
4/1/2019			7.16					
4/2/2019	6.86	5.41				7.27		
4/3/2019							6.85	6.88
9/23/2019	7.02	5.33	7.3					
9/24/2019							6.95	
9/25/2019						7.11		
9/27/2019								7.01
9/30/2019	7	5.35	7.37					
3/2/2020	7.1	5.43	7.12					
3/3/2020							7.06	
3/4/2020						7.17		6.97
3/25/2020	6.95	5.36	7.4					
3/27/2020						7.05	6.95	
3/31/2020								7.07
6/16/2020	6.97		7.31				6.97	
6/17/2020						7.2		
8/25/2020		5.15	7.14					
8/28/2020	7.02							
9/15/2020	7.15	5.22	7.29					
9/16/2020				7.52	7.83	7.3	6.92	
9/17/2020								6.99
11/10/2020				7.27	7.84			
12/15/2020				7.39	7.87			
1/19/2021				7.39	7.86			
2/8/2021	7.11							

Time Series

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/9/2021		5.42	7.23	7.44	7.84			
2/10/2021						7.29		
2/16/2021							7.16	7.26
3/10/2021	6.95				7.92			
3/11/2021		5.8	7.33	7.46				
3/15/2021						7.19	7.09	
3/16/2021								7.1
8/11/2021	6.98			7.4				
8/12/2021		5.05	7.31					
8/13/2021					7.77			
8/16/2021						7.12		
8/17/2021								7.1
8/18/2021							7.02	
2/1/2022	7.19	5.24	7.45	7.52	8.25			
2/9/2022								7.3
2/10/2022						7.22	6.99	
8/2/2022	7.03	4.57	7.02	7.15	7.9			
8/3/2022							6.84	
8/4/2022								7.03
8/11/2022						7.07		
1/23/2023			7.32					
1/24/2023	6.76	5.22		7.56	8.22			
1/26/2023								7.07
1/27/2023						7.25		
2/1/2023							6.6	
8/8/2023	7.05	5.01	7.42	7.39	8.2			
8/11/2023								7.09
8/12/2023						7.36	6.84	
2/13/2024	7.06	5.49	7.35	7.47	8.1			
2/14/2024						7.3	6.66	
2/15/2024								6.82
8/5/2024	7.29	4.91	7.27					
8/6/2024				7.46	8.36			
8/7/2024						7.58	6.71	7.03
2/12/2025	7.08		7.37	7.5	8.49			
2/14/2025		5.75	7.45					
2/15/2025							6.54	7.03
2/16/2025						7.41		
8/5/2025	6.94	4.9	7.12	7.42	8.46			
8/6/2025						7.28	5.61	
8/7/2025								6.32
2/3/2026	7.07	5.66	7.33	7.41	8.6			
2/5/2026						7.34	6.58	
2/6/2026								6.89

Time Series

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	6.83	6.22	7.15	7.14				
7/12/2016	6.58	6.04	6.87	7.04				
9/1/2016	6.54	6.26	7.2	7.24				
10/24/2016	6.59	6.46	7.1	6.9				
12/7/2016	6.56	6.29	6.92	6.91				
1/26/2017	6.83	6.46	7.05	7.08				
3/22/2017	6.66	5.81	7.08	7.13				
5/24/2017	6.67	6.51	7.11	7.15				
10/3/2017	6.54	6.25	7.01	7.32				
4/4/2018	6.61	5.86	7.12	7.27				
6/5/2018	6.65	6.27		7.2				
6/6/2018			7.12					
10/2/2018	6.55							
10/3/2018		5.97	7.08					
10/5/2018				7.24				
3/13/2019	6.7	5.92		7.24		6.75	7.58	7.78
3/14/2019			7.09		6.48			
4/2/2019						6.7		
4/3/2019	6.55	5.69	6.96		6.14			
4/4/2019								7.63
4/5/2019				7.24				
4/8/2019							7.47	
9/25/2019						6.75		
9/26/2019				6.94			7.5	7.46
9/27/2019	6.64	5.75	7.07		6.34			
3/2/2020						6.98		
3/3/2020	6.76	5.95	6.95					
3/4/2020				7.16	6.24		7.47	8.33
3/26/2020			6.99		6.28			
3/27/2020						6.75		
3/30/2020				6.91			7.49	
3/31/2020		5.7						
4/1/2020	6.84							
4/2/2020								8.11
9/16/2020	6.66							
9/17/2020						6.78		
9/18/2020		6.42	7.16					7.51
9/21/2020				7.38	6.41		7.65	
2/11/2021						6.93		
2/12/2021		7.27	6.23		6.36			
2/15/2021	6.83							
2/16/2021							7.69	7.96
2/22/2021				7.27				
3/12/2021	6.76							7.88
3/15/2021						6.97		
3/16/2021		5.95	7.15					
3/17/2021				7.33	6.34		7.66	
8/17/2021	6.75					7.05		7.75
8/18/2021		6.1	6.89		6.28			
8/19/2021				7.38			7.61	
2/9/2022	7	6.55	7.23		6.28			
2/10/2022				7.54		7.19	7.82	7.96

Time Series

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/3/2022	6.73	6.23	7.13	7.09			7.59	7.4
8/4/2022					6.32	6.96		
1/26/2023		6.23	7.1	6.9	6.13	6.95	7.61	
1/27/2023	6.89							7.8
8/10/2023	6.81	5.9	7.08		6.37	6.86		
8/12/2023				6.89			7.61	7.8
2/14/2024						6.95		
2/15/2024	6.93	6.36	7.02		6.11		7.85	
2/16/2024				6.9				9.12
8/7/2024	6.92	5.79	7.09			6.89		
8/8/2024				6.95	6.47		7.63	8.8
2/13/2025		6.6	7.04		6.01			
2/14/2025	6.77							
2/15/2025						7.17		9.79
2/16/2025							7.99	
2/17/2025				7.11				
8/6/2025	6.51	5.44	6.98		6.01	6.73		10.7
8/10/2025				6.78			7.67	
2/4/2026					6.22		7.82	
2/5/2026	6.75	6.36	7.11	7.01				
2/6/2026						6.97		9.3

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.005	<0.005	<0.005					
5/20/2016						<0.005	<0.005	
5/23/2016								<0.005
7/11/2016	<0.005	<0.005						
7/12/2016			<0.005			<0.005	<0.005	<0.005
8/30/2016	<0.005	<0.005	<0.005					
9/1/2016						<0.005	<0.005	<0.005
10/19/2016	<0.005	<0.005	<0.005					
10/20/2016						<0.005	<0.005	<0.005
12/6/2016	<0.005	<0.005	<0.005			<0.005	0.0024 (J)	0.0037 (J)
1/24/2017	<0.005	<0.005	<0.005					
1/25/2017						<0.005	<0.005	
1/26/2017								<0.005
3/21/2017	<0.005	<0.005	<0.005			<0.005	<0.005	
3/22/2017								<0.005
5/22/2017	<0.005	<0.005	<0.005					
5/23/2017						<0.005	<0.005	<0.005
4/2/2018	<0.005	<0.005						
4/3/2018			<0.005			<0.005	<0.005	<0.005
6/4/2018	<0.005	<0.005	<0.005					
6/5/2018						<0.005		
6/6/2018							<0.005	<0.005
10/1/2018	<0.005	<0.005	<0.005					
10/2/2018						<0.005	<0.005	<0.005
3/12/2019	<0.005	<0.005	<0.005				<0.005	
3/13/2019						<0.005		<0.005
4/1/2019			<0.005					
4/2/2019	<0.005	<0.005				<0.005		
4/3/2019							<0.005	<0.005
9/23/2019	<0.005	<0.005	<0.005					
9/24/2019							<0.005	
9/25/2019						<0.005		
9/27/2019								<0.005
3/2/2020	<0.005	<0.005	<0.005					
3/3/2020							<0.005	
3/4/2020						<0.005		<0.005
3/25/2020	<0.005	<0.005	<0.005					
3/27/2020						<0.005	<0.005	
3/31/2020								<0.005
8/25/2020		<0.005	<0.005					
8/28/2020	<0.005							
9/15/2020	<0.005	<0.005	<0.005					
9/16/2020				<0.005	<0.005	<0.005	<0.005	
9/17/2020								<0.005
11/10/2020				<0.005	<0.005			
12/15/2020				<0.005	<0.005			
1/19/2021				<0.005	<0.005			
2/8/2021	<0.005							
2/9/2021		<0.005	<0.005	<0.005	<0.005			
2/10/2021						<0.005		
2/16/2021							<0.005	<0.005
3/10/2021	0.0047 (J)				<0.005			

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
3/11/2021		<0.005	<0.005	<0.005				
3/15/2021						<0.005	<0.005	
3/16/2021								<0.005
8/11/2021	<0.005			<0.005				
8/12/2021		<0.005	<0.005					
8/13/2021					<0.005			
8/16/2021						<0.005		
8/17/2021								<0.005
8/18/2021							<0.005	
2/1/2022	<0.005	<0.005	<0.005	<0.005	<0.005			
2/9/2022								<0.005
2/10/2022						<0.005	<0.005	
8/2/2022	<0.005	0.0014 (J)	<0.005	<0.005	<0.005			
8/3/2022							<0.005	
8/4/2022								<0.005
8/11/2022						<0.005		
1/23/2023			<0.005					
1/24/2023	<0.005	<0.005		<0.005	<0.005			
1/26/2023								<0.005
1/27/2023						<0.005		
2/1/2023							<0.005	
8/8/2023	<0.005	0.0019 (J)	<0.005	<0.005	<0.005			
8/11/2023								<0.005
8/12/2023						<0.005	<0.005	
2/13/2024	<0.005	0.002 (J)	<0.005	<0.005	<0.005			
2/14/2024						<0.005	<0.005	
2/15/2024								<0.005
8/5/2024	<0.005	0.0013 (J)	<0.005					
8/6/2024				<0.005	<0.005			
8/7/2024						<0.005	<0.005	<0.005
2/12/2025	<0.005		<0.005	<0.005	<0.005			
2/14/2025		0.0043 (J)						
2/15/2025							<0.005	<0.005
2/16/2025						<0.005		
8/5/2025	<0.005	<0.005	<0.005	<0.005	<0.005			
8/6/2025						<0.005	<0.005	
8/7/2025								<0.005
2/3/2026	<0.005	<0.005	<0.005	<0.005	<0.005			
2/5/2026						<0.005	<0.005	
2/6/2026								0.00057 (J)

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.005	0.0106	<0.005	<0.005				
7/12/2016	<0.005	0.0057 (J)	<0.005	<0.005				
9/1/2016	<0.005	0.0057 (J)	<0.005	<0.005				
10/24/2016	<0.005	0.0021 (J)	<0.005	<0.005				
12/7/2016	<0.005	0.0015 (J)	0.0011 (J)	<0.005				
1/26/2017	0.0041 (J)	0.0062 (J)	<0.005	<0.005				
3/22/2017	<0.005	0.0263	<0.005	<0.005				
5/24/2017	<0.005	0.0038 (J)	<0.005	<0.005				
4/4/2018	<0.005	0.021	<0.005	<0.005				
6/5/2018	<0.005	0.0062 (J)		<0.005				
6/6/2018			<0.005					
10/2/2018	0.0023 (J)							
10/3/2018		0.009 (J)	<0.005					
10/5/2018				<0.005				
3/13/2019	0.0015 (J)	0.023		<0.005		<0.005	<0.005	<0.005
3/14/2019			<0.005		<0.005			
4/2/2019						<0.005		
4/3/2019	<0.005	0.016	<0.005		0.007 (J)			
4/4/2019								0.00012 (J)
4/5/2019				0.00018 (J)				
4/8/2019							<0.005	
9/25/2019						<0.005		
9/26/2019				<0.005			<0.005	<0.005
9/27/2019	<0.005	0.013	<0.005		0.0013 (J)			
3/2/2020						<0.005		
3/3/2020	<0.005	0.016	<0.005					
3/4/2020				<0.005	0.0044 (J)		<0.005	<0.005
3/26/2020			<0.005		0.0053 (J)			
3/27/2020						<0.005		
3/30/2020				<0.005			<0.005	
3/31/2020		0.019						
4/1/2020	0.002 (J)							
4/2/2020								<0.005
9/16/2020	<0.005							
9/17/2020						<0.005		
9/18/2020		0.0042 (J)	<0.005					<0.005
9/21/2020				0.0016 (J)	0.0033 (J)		<0.005	
2/11/2021						<0.005		
2/12/2021		0.0079 (J)	<0.005		0.0021 (J)			
2/15/2021	0.0028 (J)							
2/16/2021							<0.005	<0.005
2/22/2021				<0.005				
3/12/2021	<0.005							<0.005
3/15/2021						<0.005		
3/16/2021		0.015	<0.005					
3/17/2021				<0.005	<0.005		<0.005	
8/17/2021	<0.005					<0.005		<0.005
8/18/2021		0.0033 (J)	<0.005		0.0026 (J)			
8/19/2021				<0.005			<0.005	
2/9/2022	0.0031 (J)	0.0035 (J)	<0.005		0.0036 (J)			
2/10/2022				<0.005		<0.005	<0.005	<0.005
8/3/2022	0.0017 (J)	0.0057	<0.005	<0.005			<0.005	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					0.0022 (J)	<0.005		
1/26/2023		0.01	<0.005	<0.005	0.0056	<0.005	<0.005	
1/27/2023	0.0035 (J)							<0.005
8/10/2023	<0.005	0.0089	<0.005		0.0038 (J)	<0.005		
8/12/2023				<0.005			<0.005	<0.005
2/14/2024						<0.005		
2/15/2024	0.0038 (J)	0.0063	<0.005		0.0082		<0.005	
2/16/2024				<0.005				<0.005
8/7/2024	<0.005	0.0084	<0.005			<0.005		
8/8/2024				<0.005	0.0034 (J)		<0.005	<0.005
2/13/2025		<0.005	<0.005		<0.005			
2/14/2025	0.0024 (J)							
2/15/2025						<0.005		<0.005
2/16/2025							<0.005	
2/17/2025				<0.005				
8/6/2025	<0.005	0.011	<0.005		0.0038 (J)	<0.005		<0.005
8/10/2025				<0.005			<0.005	
2/4/2026					0.0055		0.0015 (J)	
2/5/2026	<0.005	0.012	<0.005	<0.005				
2/6/2026						<0.005		<0.005

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	66.9	48.6	42.3					
5/20/2016						96	219	
5/23/2016								207
7/11/2016	41	45						
7/12/2016			44			100	230	230
8/30/2016	36	42	40					
9/1/2016						100	230	230
10/19/2016	46	44	43					
10/20/2016						110	240	240
12/6/2016	59	44	43			110	250	240
1/24/2017	46	46	48					
1/25/2017						110	260	
1/26/2017								270
3/21/2017	63	46	45			110	240	
3/22/2017								240
5/22/2017	77	48	46					
5/23/2017						110	270	240
10/3/2017	42	47	48			120	230	240
6/4/2018	71.8	47.8	46.6					
6/5/2018						117		
6/6/2018							190	214
10/1/2018	49.1	48.1	48.6					
10/2/2018						120	193	218
4/1/2019			50.4					
4/2/2019	84.3	48.7				127		
4/3/2019							194	214
9/23/2019	70.2	47.2	43.9					
9/24/2019							133	
9/25/2019						109		
9/27/2019								214
3/25/2020	85.9	46.3	50.5					
3/27/2020						109	173	
3/31/2020								185
6/16/2020	88.2		49.5				157	
6/17/2020						102		
9/15/2020	47.3	51.5	44.7					
9/16/2020				43	24.95 (D)	109	194	
9/17/2020								209
11/10/2020				39	6.3			
12/15/2020				38.8	6.7			
1/19/2021				37.3	7.4			
3/10/2021	49.6				<1			
3/11/2021		52.9	50.4	38.6				
3/15/2021						107	272	
3/16/2021								211
8/11/2021	48.9			30.5				
8/12/2021		47.4	38.6					
8/13/2021					56.1			
8/16/2021						98.1		
8/17/2021								207
8/18/2021							245	
2/1/2022	43.7	67.1	46	37.5	56.3			

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/9/2022								224
2/10/2022						97.5	224	
8/2/2022	58.1	86.9	43.5	37	13.2			
8/3/2022							241	
8/4/2022								243
8/11/2022						121		
1/23/2023			39.5					
1/24/2023	48.3	79.7		34.7	10.1			
1/26/2023								217
1/27/2023						119		
2/1/2023							179	
8/8/2023	67.7	89.9	35	25.6	1.3			
8/11/2023								197
8/12/2023						84.2	170	
2/13/2024	50.4	93.9	35.5	28.9	2			
2/14/2024						102	137	
2/15/2024								199
8/5/2024	49.4	87.2	31.1					
8/6/2024				25.5	0.86 (J)			
8/7/2024						86.5	124	187
2/12/2025	43.8		28	25.2	0.51 (J)			
2/14/2025		94.5 (M1)						
2/15/2025							104	169
2/16/2025						98.5 (M1)		
8/5/2025	57.6	74	24.9	22.4	0.85 (J)			
8/6/2025						97.2	90.3	
8/7/2025								148
2/3/2026	42.1	61.8	25.5	21.8	0.58 (J)			
2/5/2026						90.5	103	
2/6/2026								177

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	175	260	288	215				
7/12/2016	190	390	320	210				
9/1/2016	190	240	300	190				
10/24/2016	190	370	270	180				
12/7/2016	200	260	280	120				
1/26/2017	90	230	260	83				
3/22/2017	170	330	220	100				
5/24/2017	190	230	210	110				
10/3/2017	200	230	190	67				
6/5/2018	205	204		187				
6/6/2018			162					
10/2/2018	178							
10/3/2018		233	191					
10/5/2018				78.3				
4/2/2019						122		
4/3/2019	159	298	176		105			
4/4/2019								11.8
4/5/2019				105				
4/8/2019							97.3	
9/25/2019						112		
9/26/2019				444			91	15.6
9/27/2019	181	<10	198		170			
3/26/2020			182		310			
3/27/2020						114		
3/30/2020				393			84.9	
3/31/2020		283						
4/1/2020	59							
4/2/2020								13.3
9/16/2020	169							
9/17/2020						110		
9/18/2020		272	266					7.5
9/21/2020				359	305		114	
3/12/2021	120							7.4
3/15/2021						109		
3/16/2021		291	248					
3/17/2021				384	260		137	
8/17/2021	156					98.6		8.2
8/18/2021		237	226		219			
8/19/2021				339			130	
2/9/2022	49.2	276	252		221			
2/10/2022				371		95.9	127	13.2
8/3/2022	119	254	236	451			135	9.5
8/4/2022					412	110		
1/26/2023		209	228	495	214	109	152	
1/27/2023	37.3							9.1
8/10/2023	128	190	209		210	100		
8/12/2023				347			146	7.6
2/14/2024						104		
2/15/2024	51.2	208	240		161		115	
2/16/2024				285				6.7
8/7/2024	111	206	220			91.1		
8/8/2024				239	170		134	6.6

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/13/2025		155 (M1)	198		141			
2/14/2025	39.2							
2/15/2025						100		6.5
2/16/2025							96.2	
2/17/2025				167 (M1)				
8/6/2025	57.2	182	173		135	92.3		28.5
8/10/2025				131			133	
2/4/2026					152		112	
2/5/2026	96.7	103	157	152				
2/6/2026						98.9		17.3

Time Series

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	421	143	267					
5/20/2016						427	711	
5/23/2016								984
7/11/2016	363	125						
7/12/2016			249			410	704	887
8/30/2016	330	168	254					
9/1/2016						484	763	956
10/19/2016	380	176	357					
10/20/2016						393	644	642
12/6/2016	377	145	285			492	733	899
1/24/2017	342	129	300					
1/25/2017						461	744	
1/26/2017								869
3/21/2017	340	103	288			415	818	
3/22/2017								936
5/22/2017	338	92	263					
5/23/2017						450	765	939
10/3/2017	343	127	300			464	812	1040
6/4/2018	415	140	266					
6/5/2018						459		
6/6/2018							611	810
10/1/2018	354	135	291					
10/2/2018						426	597	693
4/1/2019			284					
4/2/2019	452	133				428		
4/3/2019							543	673
9/23/2019	442	129	268					
9/24/2019							471.5 (D)	
9/25/2019						503		
9/27/2019								730
3/25/2020	496	138	284					
3/27/2020						413	541	
3/31/2020								1010
6/16/2020	632		448				573	
6/17/2020						423		
9/15/2020	265	124	258					
9/16/2020				272	270	392	552	
9/17/2020								680
11/10/2020				307	287			
12/15/2020				289	295			
1/19/2021				270	278			
3/10/2021	348				289			
3/11/2021		169	267	279				
3/15/2021						370	614	
3/16/2021								672
8/11/2021	366			277				
8/12/2021		118	265					
8/13/2021					436			
8/16/2021						407		
8/17/2021								704
8/18/2021							620	
2/1/2022	270	156	350	156	444			

Time Series

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
2/9/2022								756
2/10/2022						414	578	
8/2/2022	400	196	287	278	311			
8/3/2022							648	
8/4/2022								760
8/11/2022						445		
1/23/2023			293					
1/24/2023	369	164		271	363			
1/26/2023								745
1/27/2023						473		
2/1/2023							528	
8/8/2023	457	189	285	274	361			
8/11/2023								757
8/12/2023						378	564	
2/13/2024	402	214	284	291	379			
2/14/2024						440	407	
2/15/2024								663
8/5/2024	444	217	304					
8/6/2024				283	380			
8/7/2024						417	469	731
2/12/2025	374		267	273	363			
2/14/2025		242						
2/15/2025							340	628
2/16/2025						408		
8/5/2025	416	160	265	282	370			
8/6/2025						407	333	
8/7/2025								613
2/3/2026	388	179	277	278	377			
2/5/2026						379	357	
2/6/2026								616

Time Series

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	629	564	1060	683				
7/12/2016	661	627	909	563				
9/1/2016	769	656	1480	702				
10/24/2016	643	836	868	647				
12/7/2016	697	748	811	465				
1/26/2017	368	571	846	411				
3/22/2017	683	597	804	427				
5/24/2017	696	566	803	377				
10/3/2017	746	443	608	268				
6/5/2018	679	489		528				
6/6/2018			535					
10/2/2018	572							
10/3/2018		449	607					
10/5/2018				322				
4/2/2019						435		
4/3/2019	525	483	462		310			
4/4/2019								203
4/5/2019				331				
4/8/2019							323	
9/25/2019						461		
9/26/2019				1010			360	265
9/27/2019	625 (D)	528	653		431 (D)			
3/26/2020			533		626			
3/27/2020						429		
3/30/2020				895			280	
3/31/2020		565						
4/1/2020	290							
4/2/2020								224
9/16/2020	490							
9/17/2020						460		
9/18/2020		626	704					211
9/21/2020				732	608		391	
3/12/2021	490							215
3/15/2021						406		
3/16/2021		558	614					
3/17/2021				716	543		420	
8/17/2021	496					437		239
8/18/2021		566	600		464			
8/19/2021				726			420	
2/9/2022	250	544	678		503			
2/10/2022				814		459	412	242
8/3/2022	433	572	650	958			415	230
8/4/2022					762	431		
1/26/2023		429	624	962	490	482	412	
1/27/2023	188							255
8/10/2023	504	438	683		524	429		
8/12/2023				803			449	238
2/14/2024						459		
2/15/2024	229	491	660		402		343	
2/16/2024				666				348
8/7/2024	501	437	642			462		
8/8/2024				544	472		428	217

Time Series

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/13/2025		478	590		396			
2/14/2025	208							
2/15/2025						472		128
2/16/2025							301	
2/17/2025				522				
8/6/2025	280	379	581		455	482		118
8/10/2025				473			432	
2/4/2026					437		400	
2/5/2026	384	291	527	519				
2/6/2026						452		166

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
5/19/2016	<0.0005	<0.0005	<0.0005					
5/20/2016						<0.0005	<0.0005	
5/23/2016								<0.0005
7/11/2016	<0.0005	<0.0005						
7/12/2016			<0.0005			<0.0005	7E-05 (J)	<0.0005
8/30/2016	<0.0005	<0.0005	<0.0005					
9/1/2016						<0.0005	<0.0005	<0.0005
10/19/2016	<0.0005	<0.0005	<0.0005					
10/20/2016						<0.0005	<0.0005	<0.0005
12/6/2016	<0.0005	<0.0005	<0.0005			<0.0005	<0.0005	<0.0005
1/24/2017	<0.0005	<0.0005	<0.0005					
1/25/2017						<0.0005	<0.0005	
1/26/2017								<0.0005
3/21/2017	<0.0005	3E-05 (J)	<0.0005			<0.0005	9E-05 (J)	
3/22/2017								<0.0005
5/22/2017	<0.0005	<0.0005	<0.0005					
5/23/2017						<0.0005	8E-05 (J)	<0.0005
4/2/2018	<0.0005	<0.0005						
4/3/2018			<0.0005			<0.0005	<0.0005	<0.0005
6/4/2018	<0.0005	<0.0005	<0.0005					
6/5/2018						<0.0005		
6/6/2018							<0.0005	<0.0005
10/1/2018	<0.0005	<0.0005	<0.0005					
10/2/2018						<0.0005	<0.0005	<0.0005
3/12/2019	<0.0005	<0.0005	<0.0005				<0.0005	
3/13/2019						<0.0005		<0.0005
4/1/2019			<0.0005					
4/2/2019	<0.0005	<0.0005				<0.0005		
4/3/2019							<0.0005	<0.0005
9/23/2019	<0.0005	<0.0005	<0.0005					
9/24/2019							0.00011 (J)	
9/25/2019						<0.0005		
9/27/2019								<0.0005
3/2/2020	<0.0005	<0.0005	<0.0005					
3/3/2020							6.1E-05 (J)	
3/4/2020						<0.0005		<0.0005
3/25/2020	<0.0005	<0.0005	<0.0005					
3/27/2020						<0.0005	7.7E-05 (J)	
3/31/2020								<0.0005
8/25/2020		<0.0005	<0.0005					
8/28/2020	<0.0005							
9/15/2020	<0.0005	<0.0005	<0.0005					
9/16/2020				<0.0005	<0.0005	<0.0005	<0.0005	
9/17/2020								<0.0005
11/10/2020				<0.0005	<0.0005			
12/15/2020				<0.0005	<0.0005			
1/19/2021				<0.0005	<0.0005			
2/8/2021	<0.0005							
2/9/2021		<0.0005	<0.0005	<0.0005	<0.0005			
2/10/2021						<0.0005		
2/16/2021							<0.0005	<0.0005
3/10/2021	<0.0005				<0.0005			

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-7	HGWC-8	HGWC-9
3/11/2021		<0.0005	<0.0005	<0.0005				
3/15/2021						<0.0005	<0.0005	
3/16/2021								<0.0005
8/11/2021	<0.0005			<0.0005				
8/12/2021		<0.0005	<0.0005					
8/13/2021					<0.0005			
8/16/2021						<0.0005		
8/17/2021								<0.0005
8/18/2021							<0.0005	
2/1/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/9/2022								<0.0005
2/10/2022						<0.0005	<0.0005	
8/2/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/3/2022							0.00018 (J)	
8/4/2022								<0.0005
8/11/2022						<0.0005		
1/23/2023			<0.0005					
1/24/2023	<0.0005	<0.0005		<0.0005	<0.0005			
1/26/2023								<0.0005
1/27/2023						<0.0005		
2/1/2023							<0.0005	
8/8/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/11/2023								<0.0005
8/12/2023						<0.0005	<0.0005	
2/13/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/14/2024						<0.0005	<0.0005	
2/15/2024								<0.0005
8/5/2024	<0.0005	<0.0005	<0.0005					
8/6/2024				<0.0005	<0.0005			
8/7/2024						<0.0005	<0.0005	<0.0005
2/12/2025	<0.0005		<0.0005	<0.0005	<0.0005			
2/14/2025		<0.0005						
2/15/2025							<0.0005	<0.0005
2/16/2025						<0.0005		
8/5/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
8/6/2025						<0.0005	<0.0005	
8/7/2025								<0.0005
2/3/2026	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			
2/5/2026						<0.0005	<0.0005	
2/6/2026								<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.0005	<0.0005	<0.0005	0.000378 (J)				
7/12/2016	<0.0005	8E-05 (J)	0.0002 (J)	0.0004 (J)				
9/1/2016	<0.0005	<0.0005	<0.0005	0.0004 (J)				
10/24/2016	<0.0005	<0.0005	<0.0005	0.0005 (J)				
12/7/2016	<0.0005	<0.0005	<0.0005	0.0004 (J)				
1/26/2017	<0.0005	<0.0005	<0.0005	0.0004 (J)				
3/22/2017	<0.0005	<0.0005	0.0001 (J)	0.0004 (J)				
5/24/2017	<0.0005	8E-05 (J)	9E-05 (J)	0.0003 (J)				
4/4/2018	<0.0005	<0.0005	<0.0005	0.00032 (J)				
6/5/2018	<0.0005	<0.0005		0.00035 (J)				
6/6/2018			<0.0005					
10/2/2018	<0.0005							
10/3/2018		<0.0005	<0.0005					
10/5/2018				0.00025 (J)				
3/13/2019	<0.0005	<0.0005		0.00039 (J)		<0.0005	<0.0005	<0.0005
3/14/2019			<0.0005		<0.0005			
4/2/2019						<0.0005		
4/3/2019	<0.0005	<0.0005	<0.0005		<0.0005			
4/4/2019								<0.0005
4/5/2019				0.00034 (J)				
4/8/2019							<0.0005	
9/25/2019						<0.0005		
9/26/2019				0.00039 (J)			<0.0005	<0.0005
9/27/2019	<0.0005	<0.0005	8.8E-05 (J)		0.00027 (J)			
3/2/2020						<0.0005		
3/3/2020	<0.0005	<0.0005	6.6E-05 (J)					
3/4/2020				0.00056 (J)	0.00026 (J)		<0.0005	<0.0005
3/26/2020			8E-05 (J)		0.00026 (J)			
3/27/2020						<0.0005		
3/30/2020				0.00048 (J)			<0.0005	
3/31/2020		<0.0005						
4/1/2020	<0.0005							
4/2/2020								<0.0005
9/16/2020	<0.0005							
9/17/2020						<0.0005		
9/18/2020		<0.0005	<0.0005					<0.0005
9/21/2020				0.00036 (J)	0.0003 (J)		<0.0005	
2/11/2021						<0.0005		
2/12/2021		<0.0005	<0.0005		0.00019 (J)			
2/15/2021	<0.0005							
2/16/2021							<0.0005	<0.0005
2/22/2021				0.0003 (J)				
3/12/2021	<0.0005							<0.0005
3/15/2021						<0.0005		
3/16/2021		<0.0005	<0.0005					
3/17/2021				0.00037 (J)	0.00026 (J)		<0.0005	
8/17/2021	<0.0005					<0.0005		<0.0005
8/18/2021		<0.0005	<0.0005		0.00023 (J)			
8/19/2021				0.0002 (J)			<0.0005	
2/9/2022	<0.0005	<0.0005	<0.0005		<0.0005			
2/10/2022				<0.001		<0.0005	<0.0005	<0.0005
8/3/2022	<0.0005	<0.0005	<0.0005	<0.001			<0.0005	<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot

Plant Hammond Client: Southern Company Data: Hammond AP-1

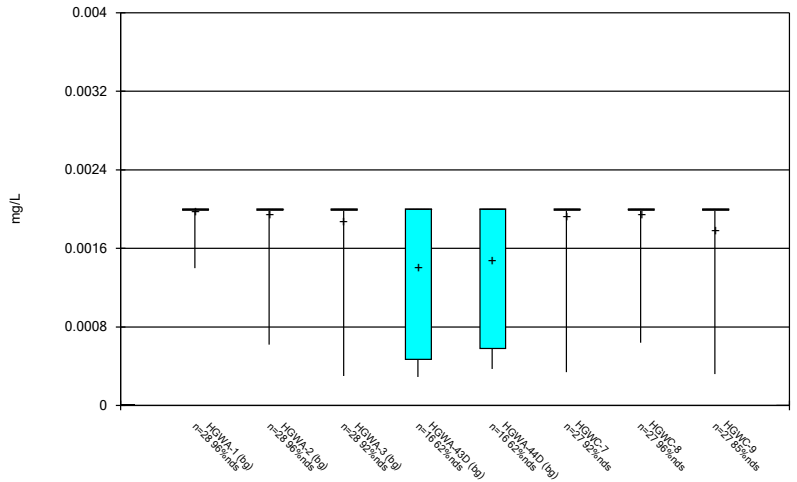
	HGWC-10	HGWC-11	HGWC-12	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/4/2022					0.00026 (J)	<0.0005		
1/26/2023		<0.0005	<0.0005	0.00031 (J)	<0.0005	<0.0005	<0.0005	
1/27/2023	<0.0005							<0.0005
8/10/2023	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		
8/12/2023				0.00028 (J)			<0.0005	<0.0005
2/14/2024						<0.0005		
2/15/2024	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005	
2/16/2024				<0.001				<0.0005
8/7/2024	<0.0005	<0.0005	<0.0005			<0.0005		
8/8/2024				<0.001	0.00043 (J)		<0.0005	<0.0005
2/13/2025		<0.0005	<0.0005		<0.0005			
2/14/2025	<0.0005							
2/15/2025						<0.0005		<0.0005
2/16/2025							<0.0005	
2/17/2025				0.00025 (J)				
8/6/2025	<0.0005	<0.0005	<0.0005		<0.0005	<0.0005		<0.0005
8/10/2025				0.00029 (J)			<0.0005	
2/4/2026					<0.0005		<0.0005	
2/5/2026	<0.0005	<0.0005	<0.0005	0.00021 (J)				
2/6/2026						<0.0005		<0.0005

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

FIGURE B.

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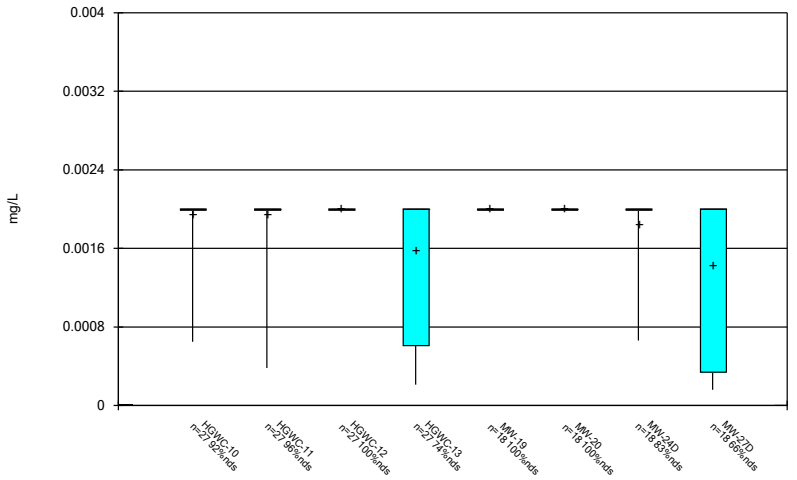
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

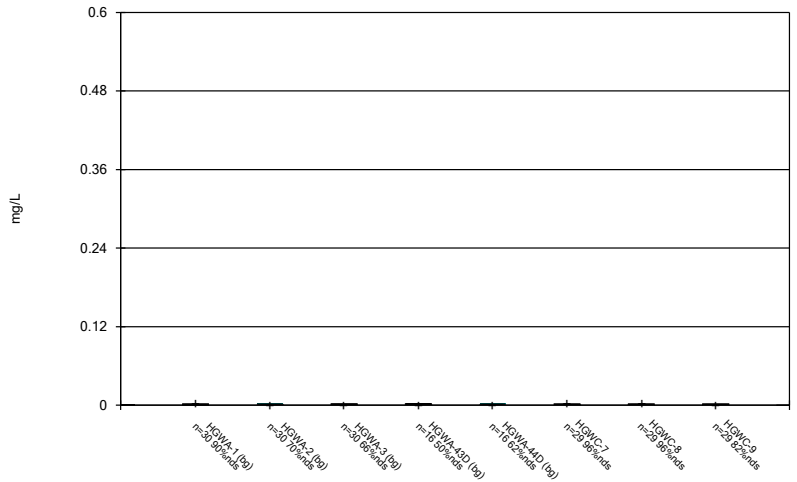
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

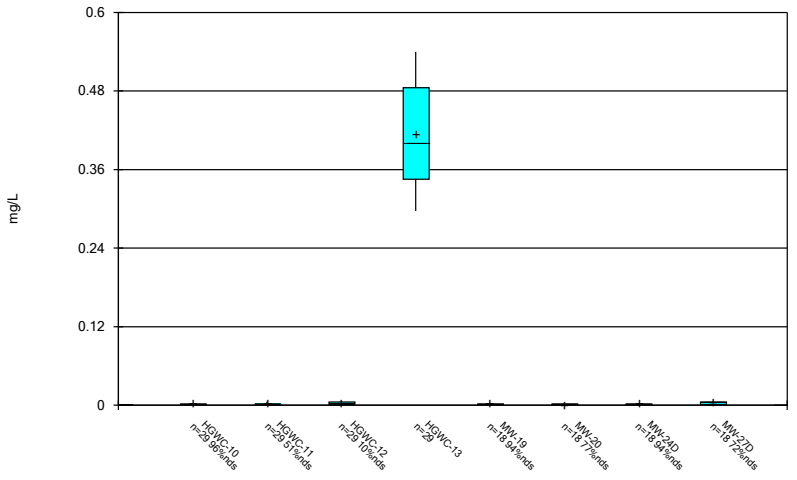
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

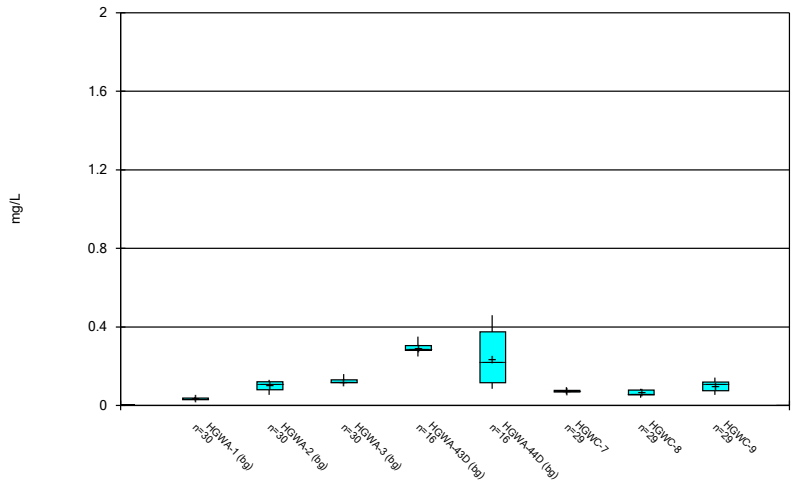
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

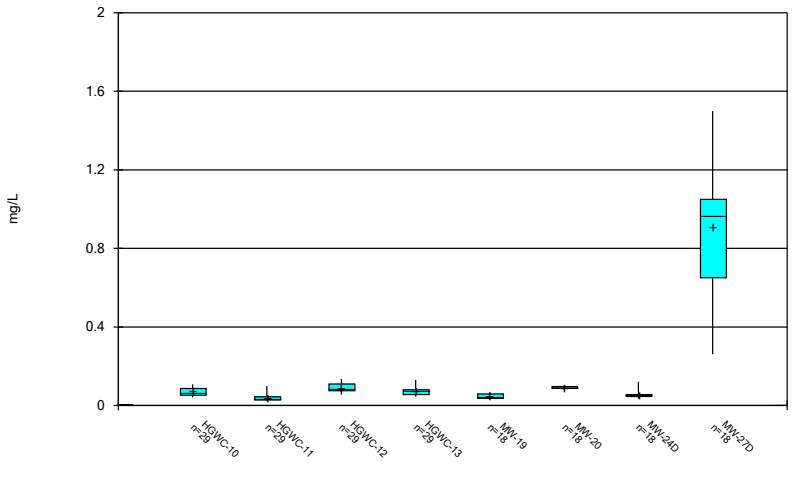
Box & Whiskers Plot



Constituent: Barium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

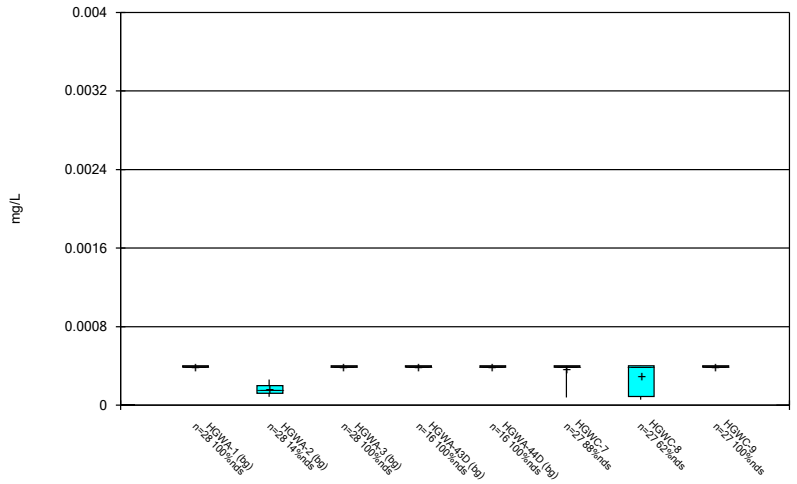
Box & Whiskers Plot



Constituent: Barium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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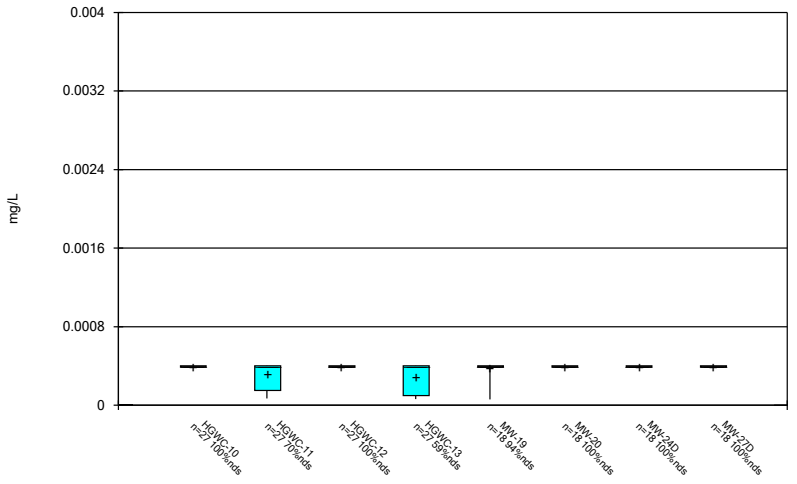
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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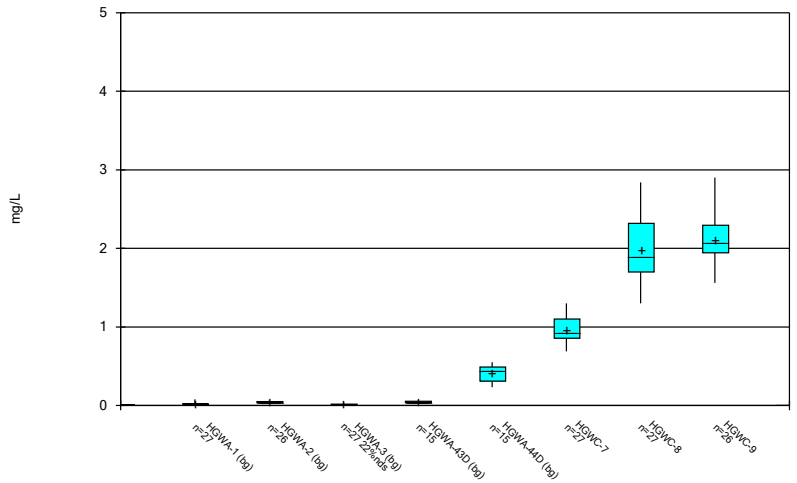
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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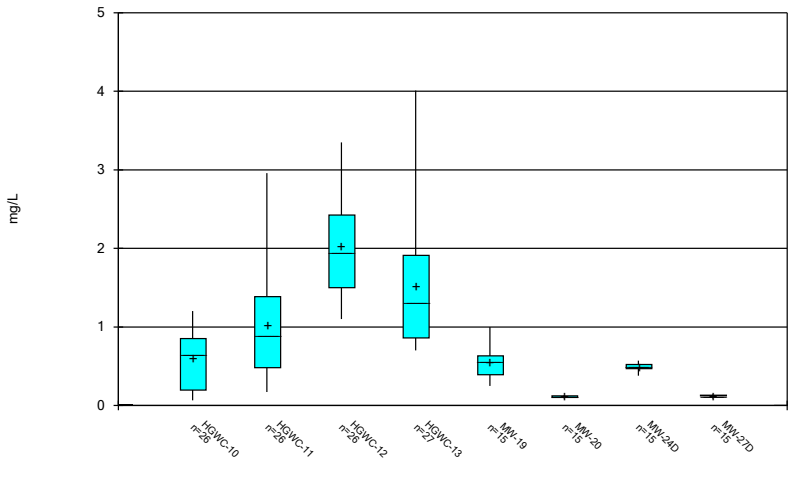
Box & Whiskers Plot



Constituent: Boron Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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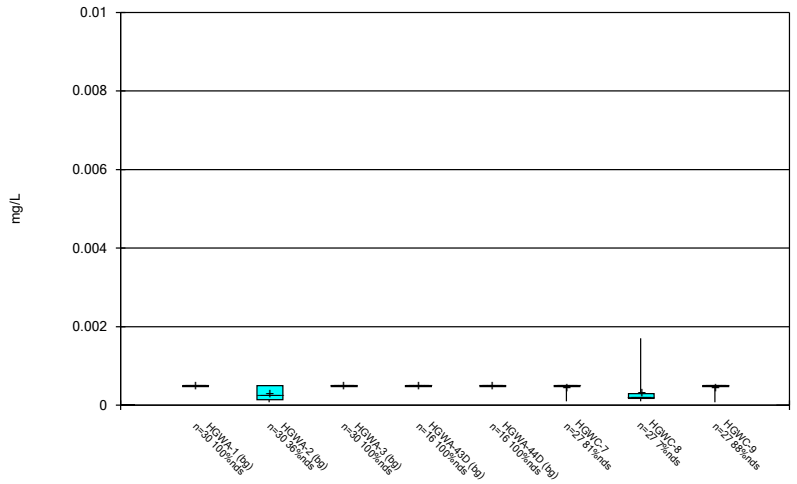
Box & Whiskers Plot



Constituent: Boron Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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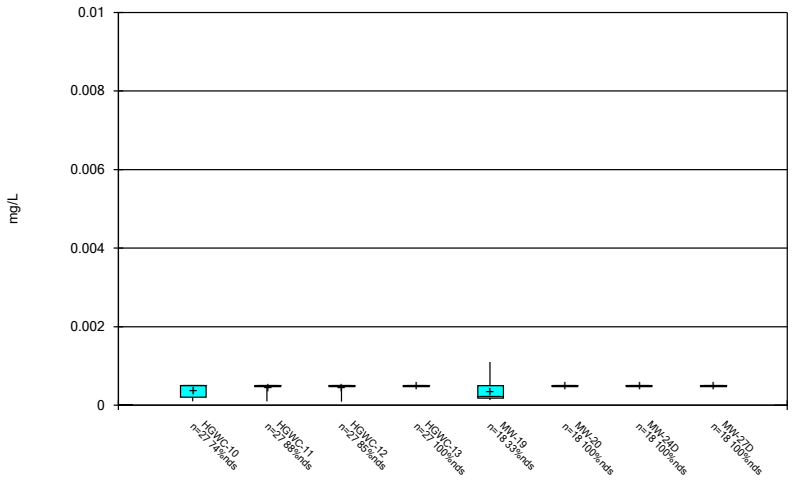
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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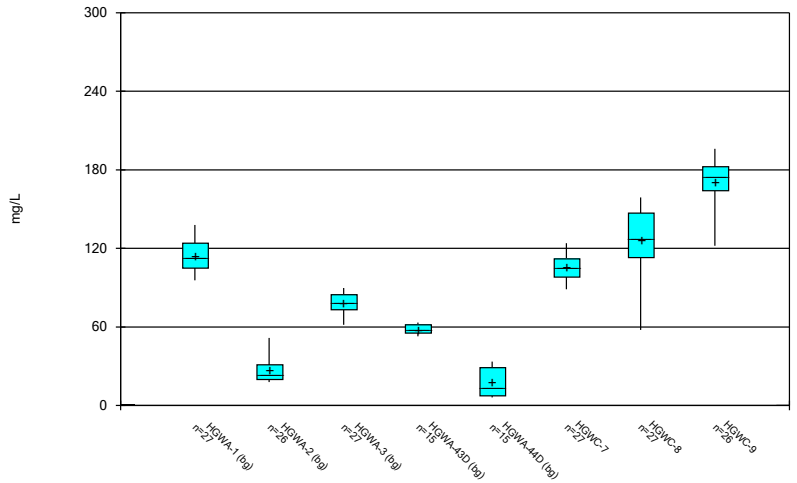
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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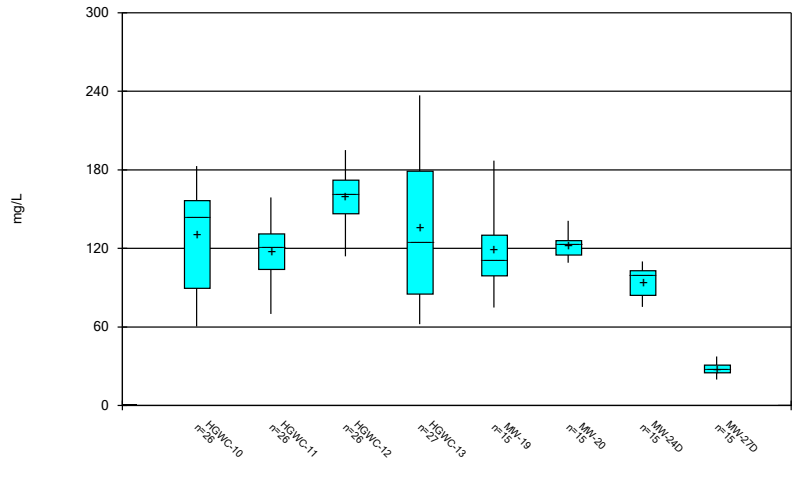
Box & Whiskers Plot



Constituent: Calcium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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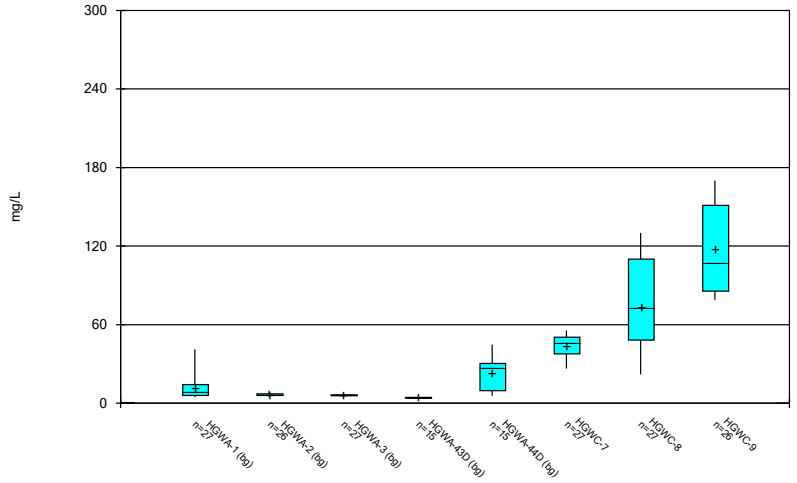
Box & Whiskers Plot



Constituent: Calcium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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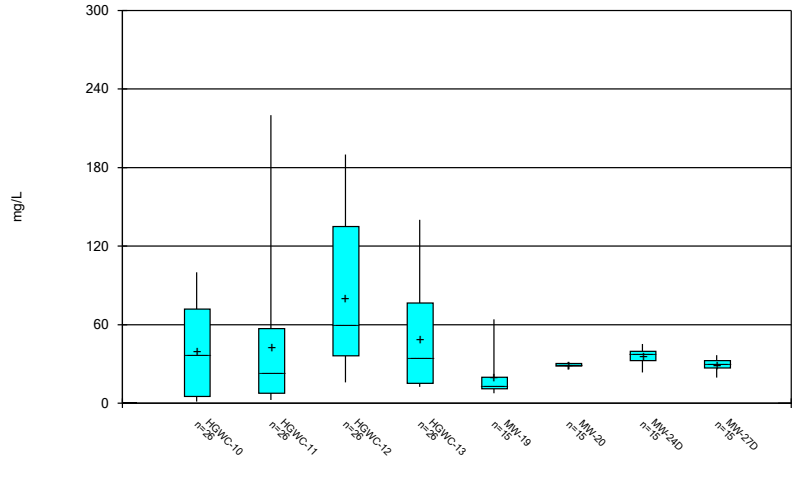
Box & Whiskers Plot



Constituent: Chloride Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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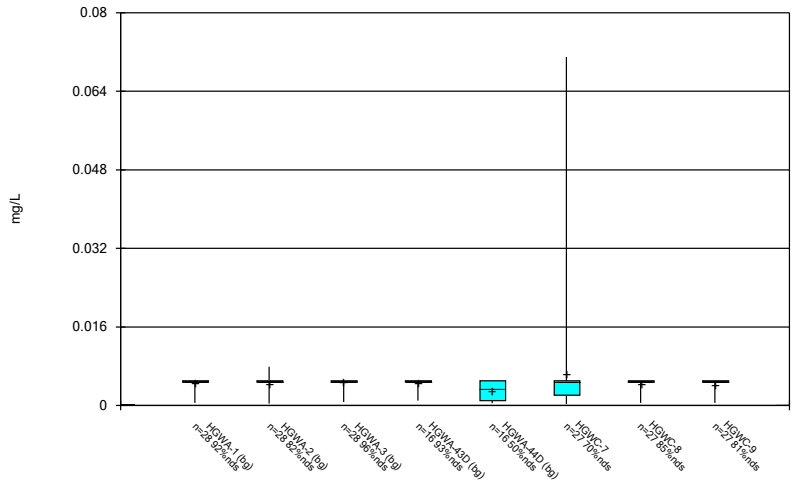
Box & Whiskers Plot



Constituent: Chloride Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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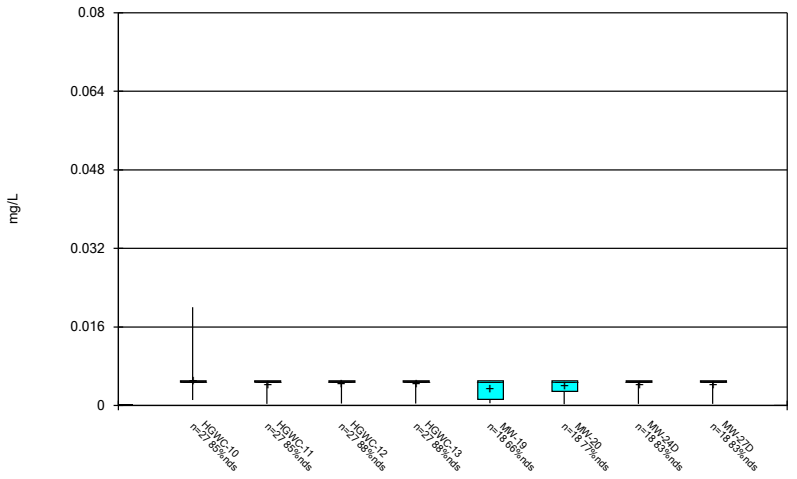
Box & Whiskers Plot



Constituent: Chromium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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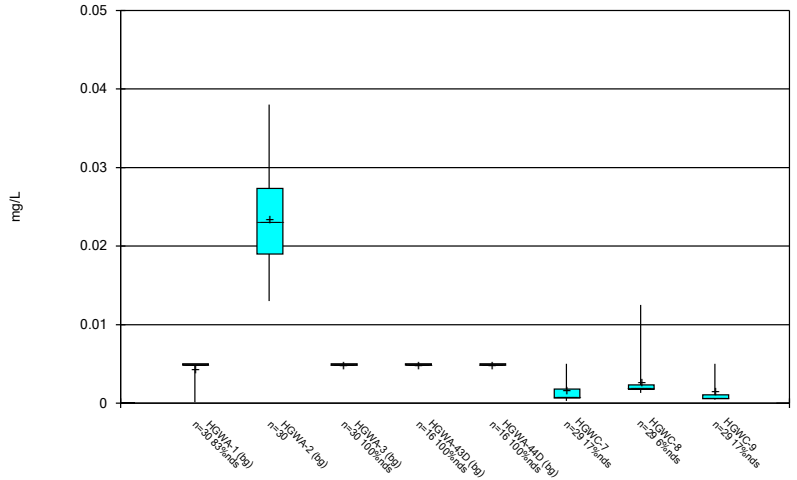
Box & Whiskers Plot



Constituent: Chromium Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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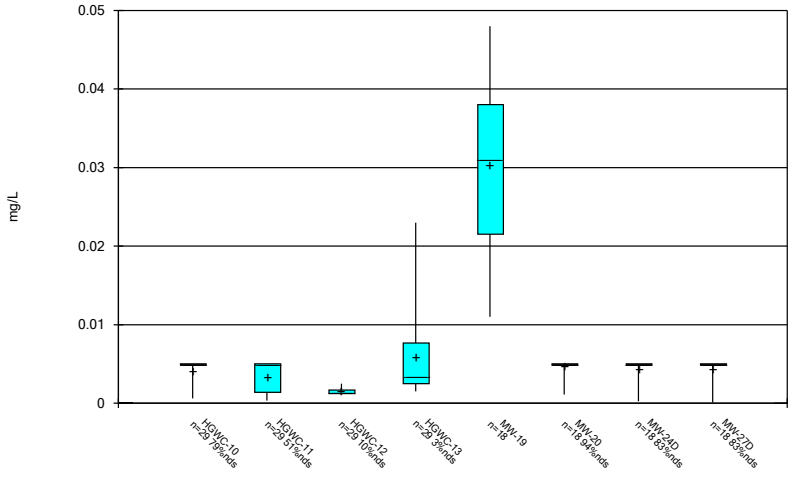
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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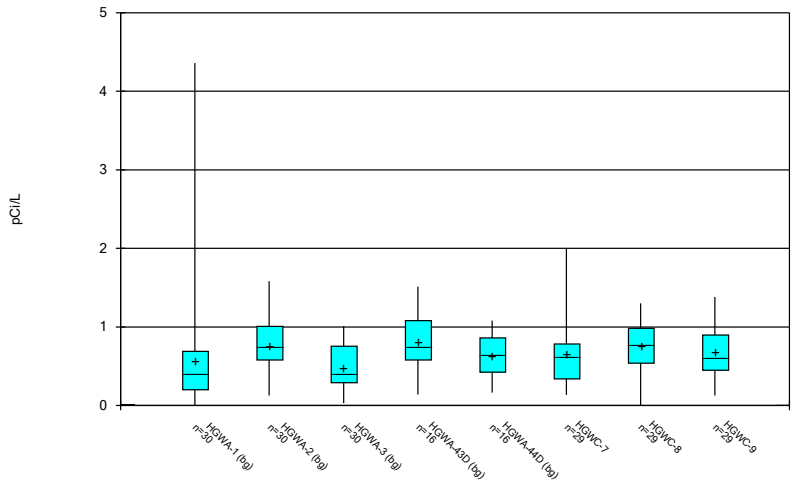
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

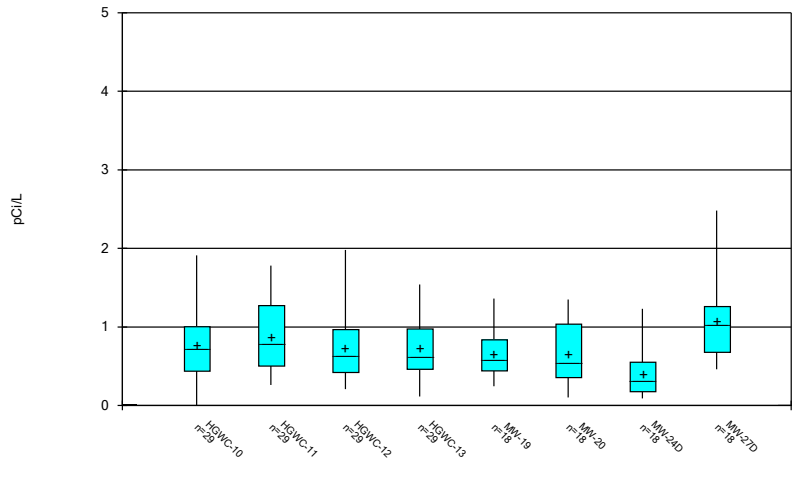
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

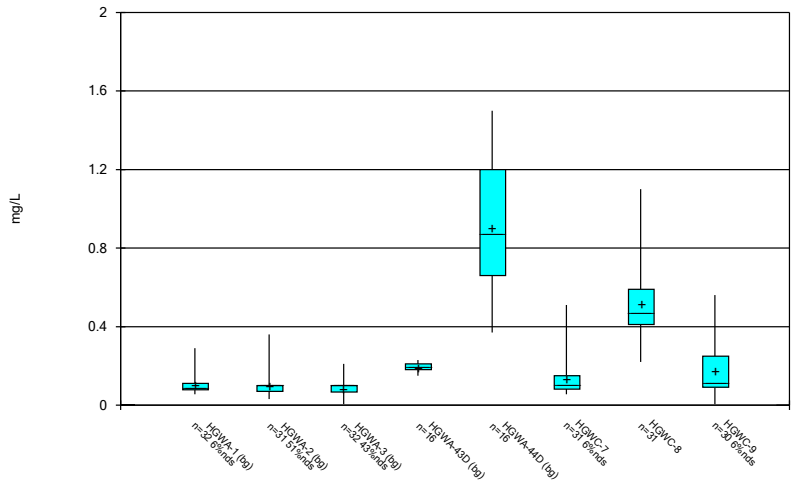
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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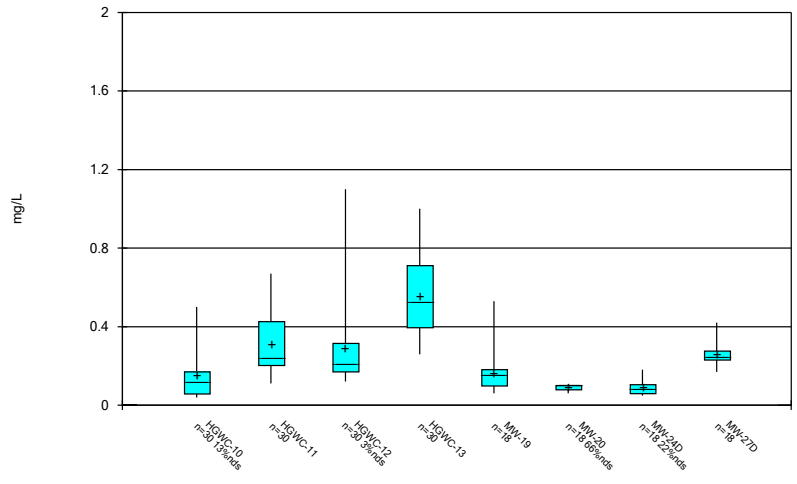
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

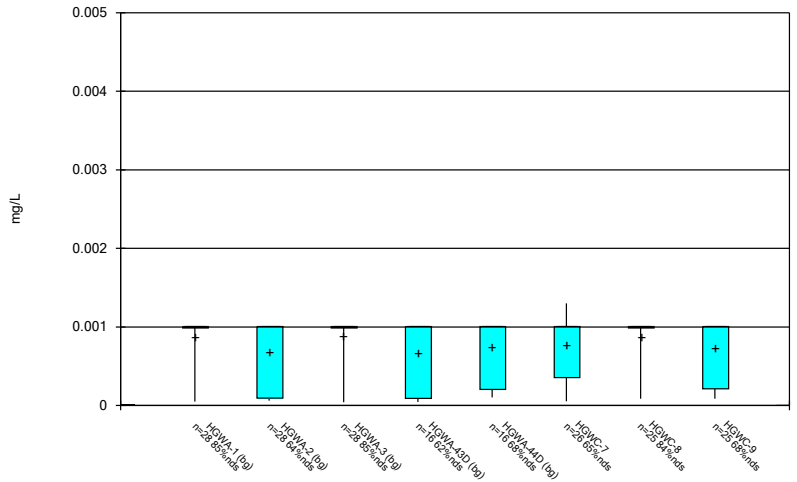
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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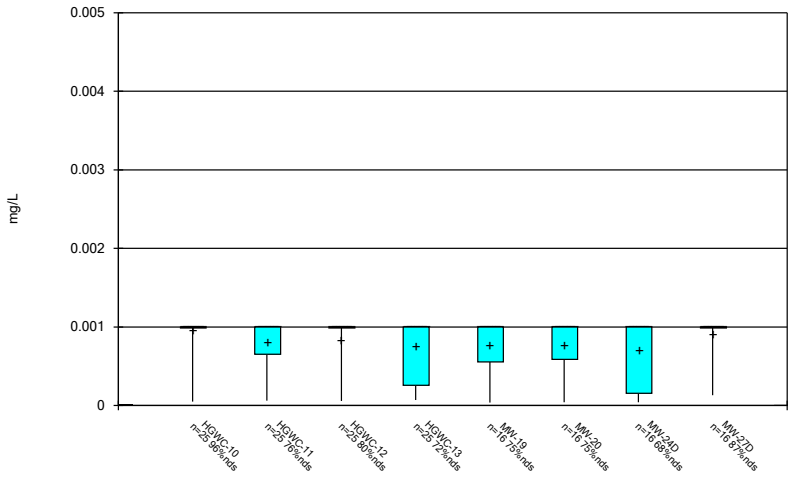
Box & Whiskers Plot



Constituent: Lead Analysis Run 4/6/2026 1:47 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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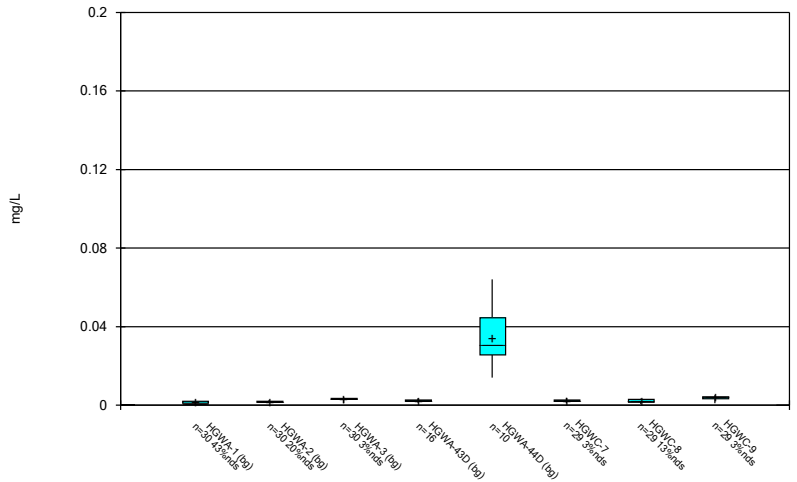
Box & Whiskers Plot



Constituent: Lead Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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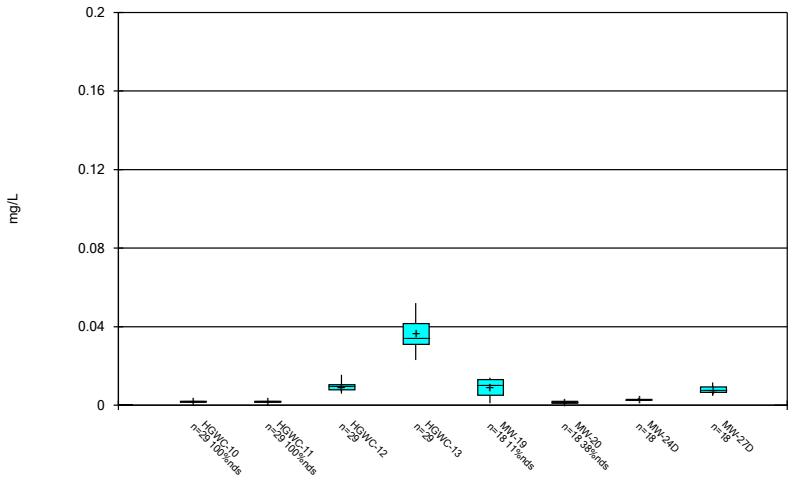
Box & Whiskers Plot



Constituent: Lithium Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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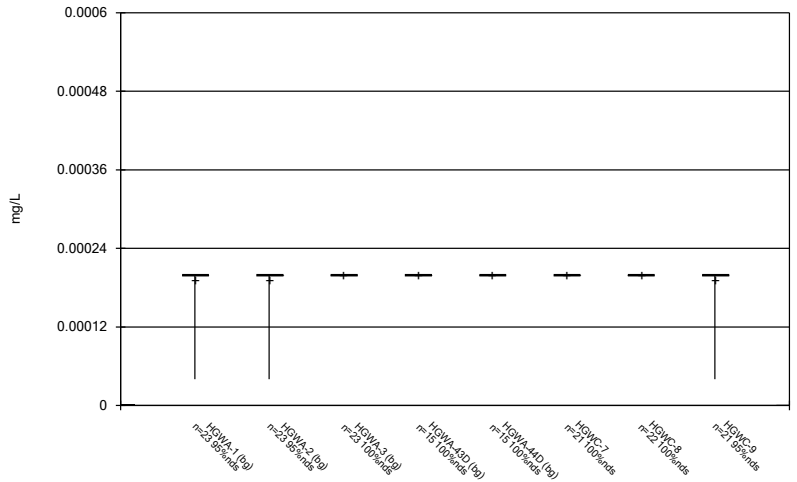
Box & Whiskers Plot



Constituent: Lithium Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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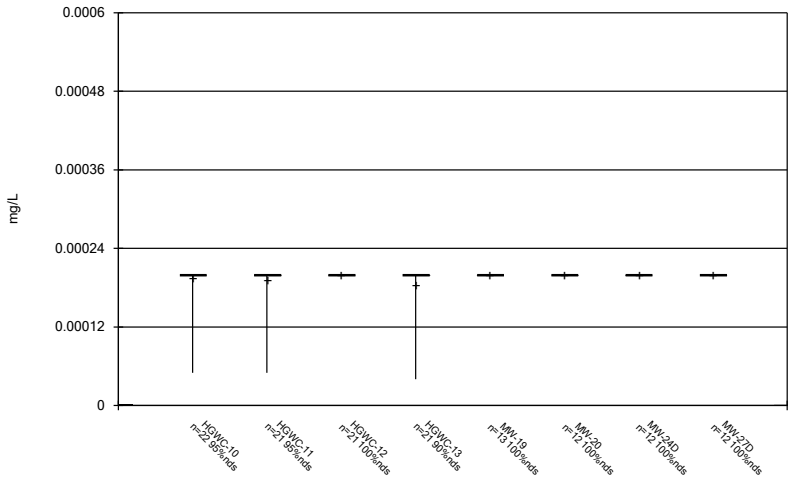
Box & Whiskers Plot



Constituent: Mercury Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

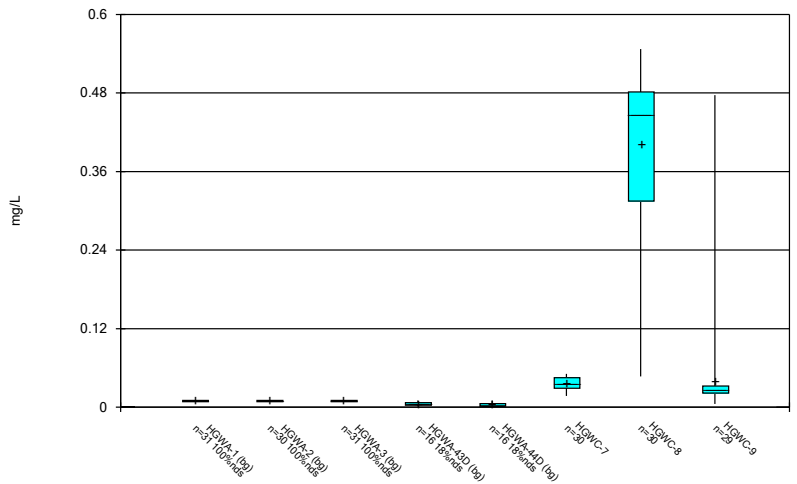
Box & Whiskers Plot



Constituent: Mercury Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

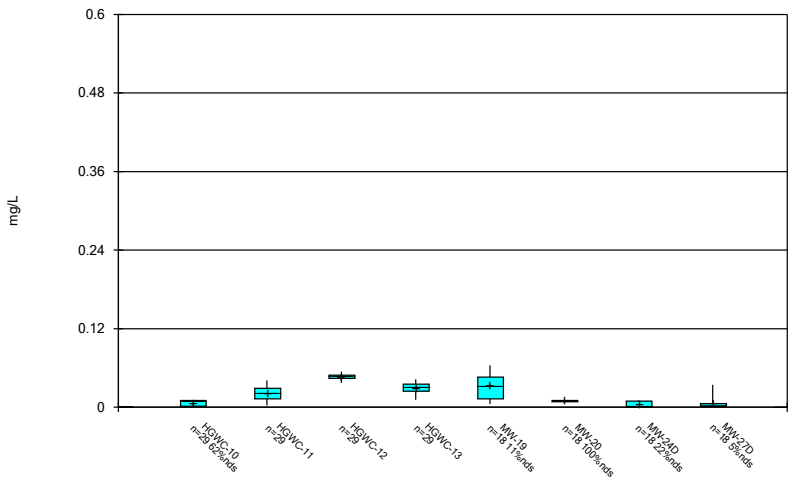
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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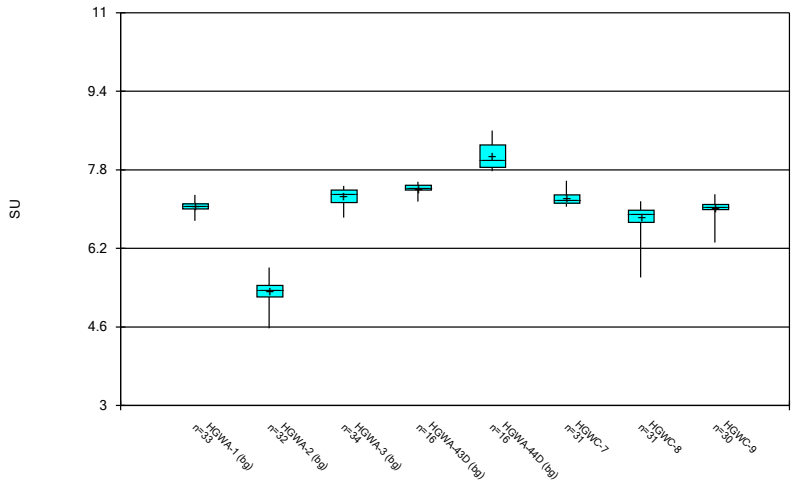
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

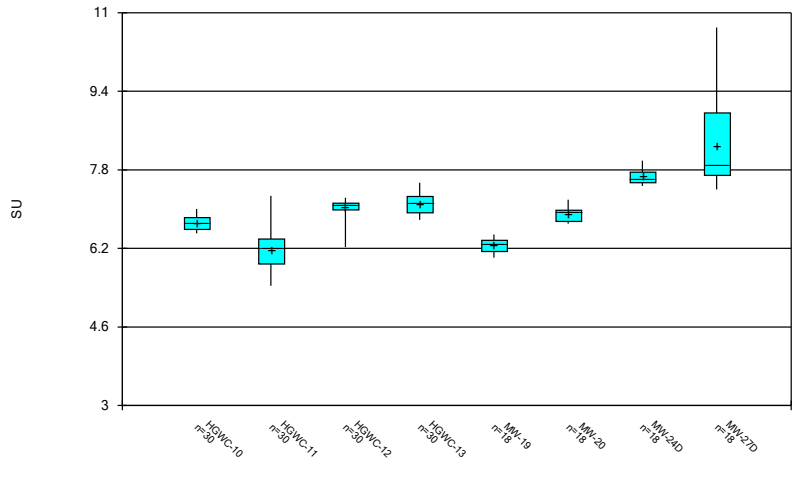
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

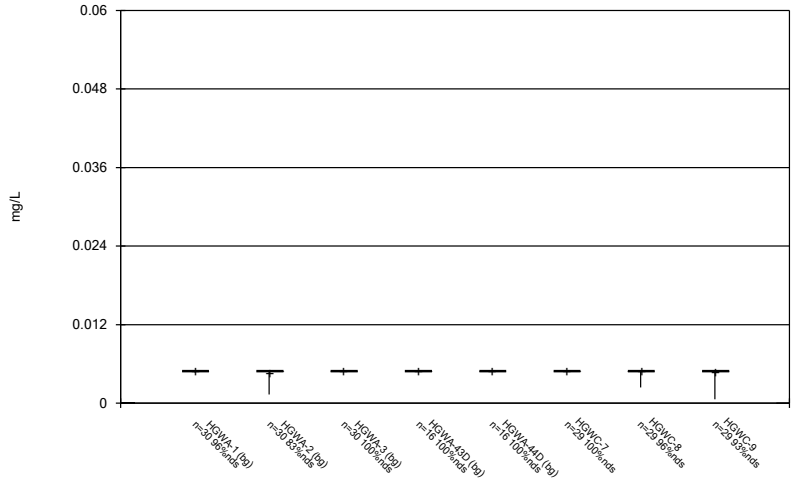
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

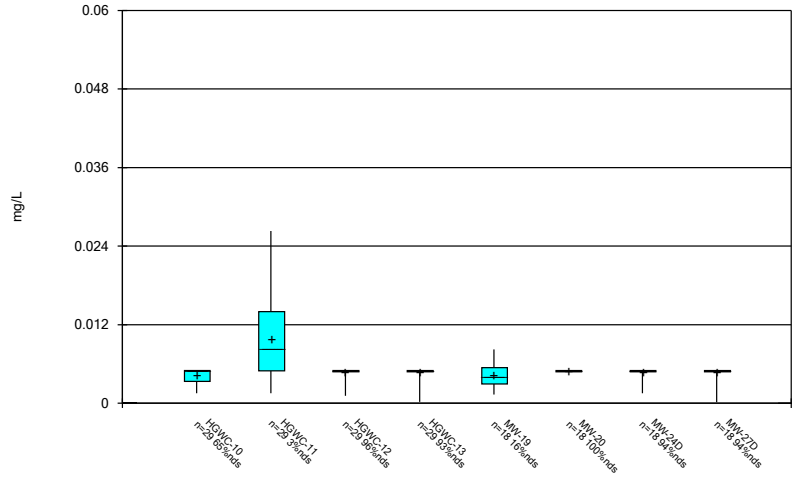
Box & Whiskers Plot



Constituent: Selenium Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

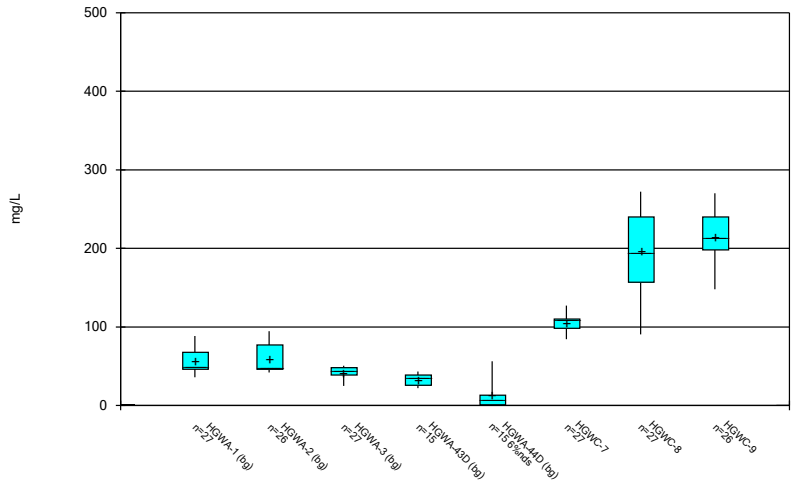
Box & Whiskers Plot



Constituent: Selenium Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

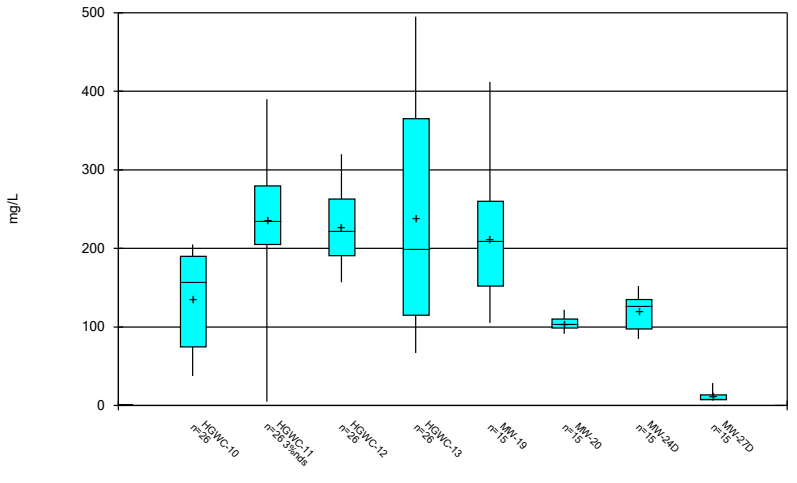
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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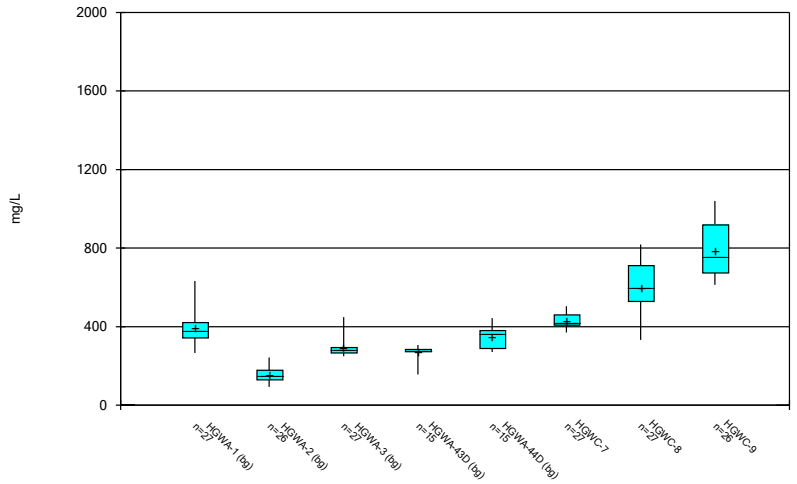
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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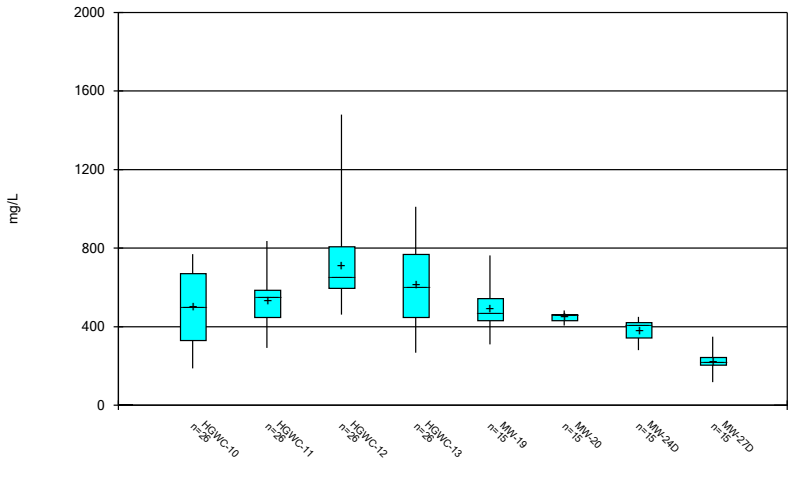
Box & Whiskers Plot



Constituent: TDS Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

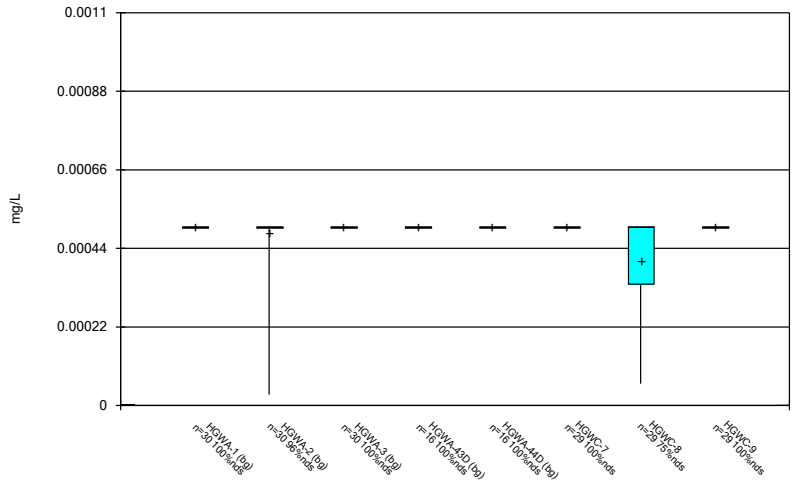
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Box & Whiskers Plot



Constituent: TDS Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

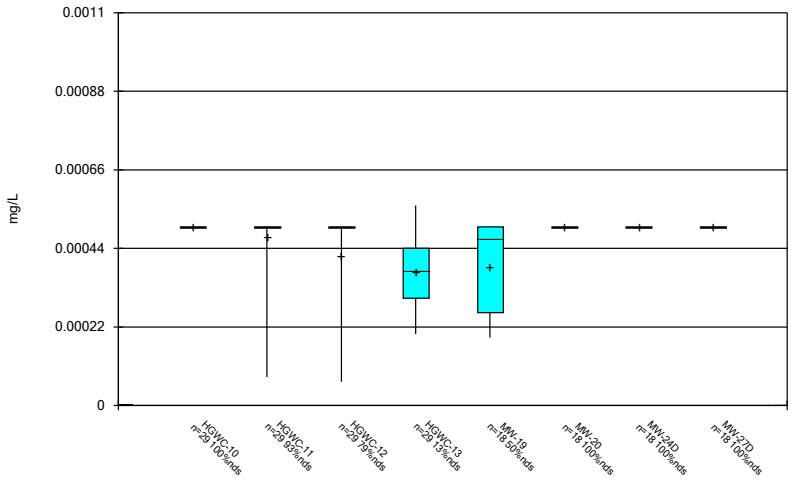
Box & Whiskers Plot



Constituent: Thallium Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Box & Whiskers Plot



Constituent: Thallium Analysis Run 4/6/2026 1:48 PM View: Time Series & Box Plot
Plant Hammond Client: Southern Company Data: Hammond AP-1

FIGURE C.

Outlier Summary

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:49 PM

No values were flagged as outliers.

FIGURE D.

Appendix III Interwell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:51 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	HGWC-7	0.55	n/a	2/5/2026	0.69	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-8	0.55	n/a	2/5/2026	1.4	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-9	0.55	n/a	2/6/2026	2.1	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-12	0.55	n/a	2/5/2026	1.2	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-13	0.55	n/a	2/5/2026	0.7	Yes	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-9	138	n/a	2/6/2026	148	Yes	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-12	138	n/a	2/5/2026	148	Yes	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-9	44.8	n/a	2/6/2026	80.9	Yes	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-8	94.5	n/a	2/5/2026	103	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-9	94.5	n/a	2/6/2026	177	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-10	94.5	n/a	2/5/2026	96.7	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-11	94.5	n/a	2/5/2026	103	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-12	94.5	n/a	2/5/2026	157	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-13	94.5	n/a	2/5/2026	152	Yes	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:51 PM

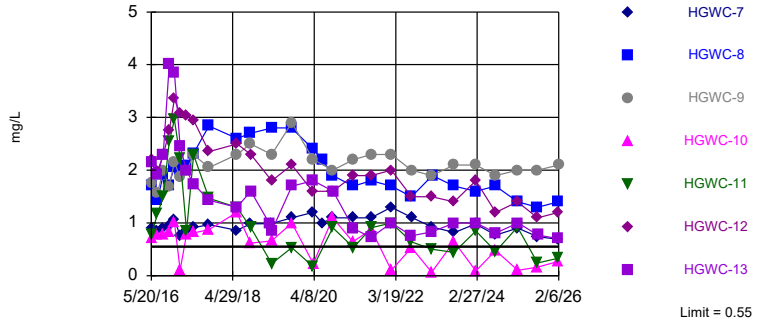
Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**HGWC-7**	**0.55**	**n/a**	**2/5/2026**	**0.69**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-8**	**0.55**	**n/a**	**2/5/2026**	**1.4**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-9**	**0.55**	**n/a**	**2/6/2026**	**2.1**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	HGWC-10	0.55	n/a	2/5/2026	0.27	No	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-11	0.55	n/a	2/5/2026	0.33	No	110	n/a	n/a	5.455	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Boron (mg/L)	**HGWC-12**	**0.55**	**n/a**	**2/5/2026**	**1.2**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-13**	**0.55**	**n/a**	**2/5/2026**	**0.7**	**Yes**	**110**	**n/a**	**n/a**	**5.455**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	HGWC-7	138	n/a	2/5/2026	105	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-8	138	n/a	2/5/2026	88.9	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	**HGWC-9**	**138**	**n/a**	**2/6/2026**	**148**	**Yes**	**110**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	HGWC-10	138	n/a	2/5/2026	122	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-11	138	n/a	2/5/2026	76.5	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Calcium (mg/L)	**HGWC-12**	**138**	**n/a**	**2/5/2026**	**148**	**Yes**	**110**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	HGWC-13	138	n/a	2/5/2026	125	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-7	44.8	n/a	2/5/2026	26.3	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-8	44.8	n/a	2/5/2026	24	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	**HGWC-9**	**44.8**	**n/a**	**2/6/2026**	**80.9**	**Yes**	**110**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	HGWC-10	44.8	n/a	2/5/2026	4.8	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-11	44.8	n/a	2/5/2026	3.2	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-12	44.8	n/a	2/5/2026	15.8	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-13	44.8	n/a	2/5/2026	15.2	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-7	1.5	n/a	2/5/2026	0.11	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-8	1.5	n/a	2/5/2026	0.39	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-9	1.5	n/a	2/6/2026	0.098J	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-10	1.5	n/a	2/5/2026	0.12	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-11	1.5	n/a	2/5/2026	0.22	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-12	1.5	n/a	2/5/2026	0.22	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-13	1.5	n/a	2/5/2026	0.39	No	127	n/a	n/a	25.2	n/a	n/a	0.0001225	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-7	8.6	4.57	2/5/2026	7.34	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-8	8.6	4.57	2/5/2026	6.58	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-9	8.6	4.57	2/6/2026	6.89	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-10	8.6	4.57	2/5/2026	6.75	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-11	8.6	4.57	2/5/2026	6.36	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-12	8.6	4.57	2/5/2026	7.11	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-13	8.6	4.57	2/5/2026	7.01	No	131	n/a	n/a	0	n/a	n/a	0.0002309	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-7	94.5	n/a	2/5/2026	90.5	No	110	n/a	n/a	0.9091	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**HGWC-8**	**94.5**	**n/a**	**2/5/2026**	**103**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-9**	**94.5**	**n/a**	**2/6/2026**	**177**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-10**	**94.5**	**n/a**	**2/5/2026**	**96.7**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-11**	**94.5**	**n/a**	**2/5/2026**	**103**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-12**	**94.5**	**n/a**	**2/5/2026**	**157**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-13**	**94.5**	**n/a**	**2/5/2026**	**152**	**Yes**	**110**	**n/a**	**n/a**	**0.9091**	**n/a**	**n/a**	**0.0001639**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	HGWC-7	632	n/a	2/5/2026	379	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-8	632	n/a	2/5/2026	357	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-9	632	n/a	2/6/2026	616	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-10	632	n/a	2/5/2026	384	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-11	632	n/a	2/5/2026	291	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-12	632	n/a	2/5/2026	527	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-13	632	n/a	2/5/2026	519	No	110	n/a	n/a	0	n/a	n/a	0.0001639	NP Inter (normality) 1 of 2

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Exceeds Limit: HGWC-7, HGWC-8, HGWC-9, HGWC-12, HGWC-13

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 110 background values. 5.455% NDs. Annual per-constituent alpha = 0.002292. Individual comparison alpha = 0.0001639 (1 of 2). Comparing 7 points to limit.

Constituent: Boron Analysis Run 4/6/2026 1:50 PM View: Appendix III

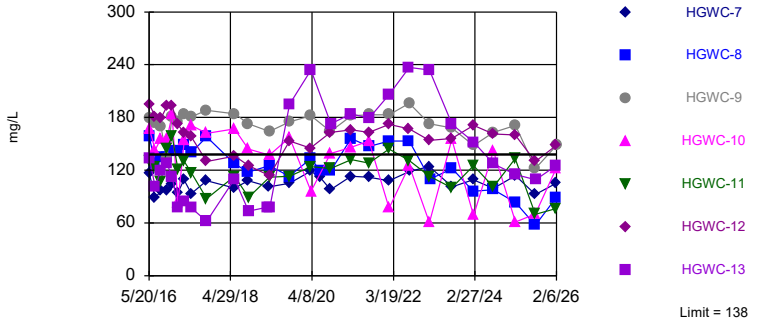
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Exceeds Limit: HGWC-9, HGWC-12

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 110 background values. Annual per-constituent alpha = 0.002292. Individual comparison alpha = 0.0001639 (1 of 2). Comparing 7 points to limit.

Constituent: Calcium Analysis Run 4/6/2026 1:50 PM View: Appendix III

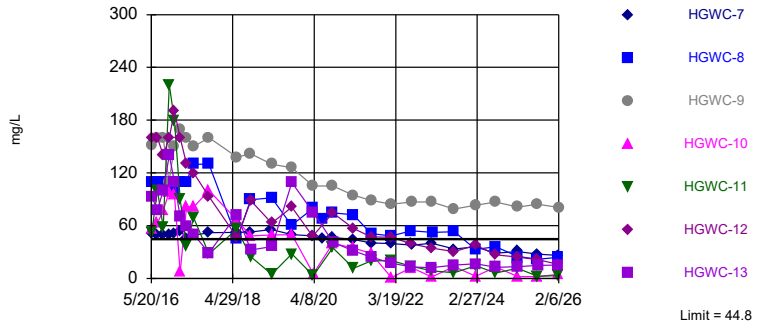
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Exceeds Limit: HGWC-9

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 110 background values. Annual per-constituent alpha = 0.002292. Individual comparison alpha = 0.0001639 (1 of 2). Comparing 7 points to limit.

Constituent: Chloride Analysis Run 4/6/2026 1:50 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

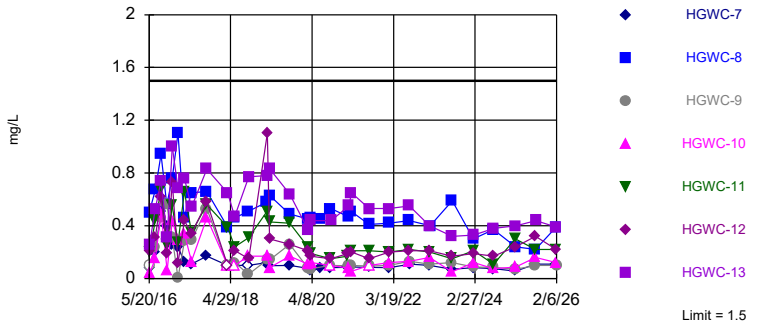
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Hollow symbols indicate censored values.

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 127 background values. 25.2% NDs. Annual per-constituent alpha = 0.001714. Individual comparison alpha = 0.0001225 (1 of 2). Comparing 7 points to limit.

Constituent: Fluoride Analysis Run 4/6/2026 1:50 PM View: Appendix III

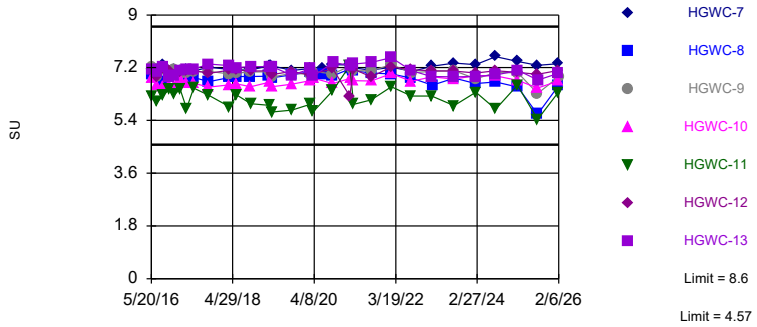
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Within Limits

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. Limits are highest and lowest of 131 background values. Annual per-constituent alpha = 0.003231. Individual comparison alpha = 0.0002309 (1 of 2). Comparing 7 points to limit.

Constituent: pH, Field Analysis Run 4/6/2026 1:50 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

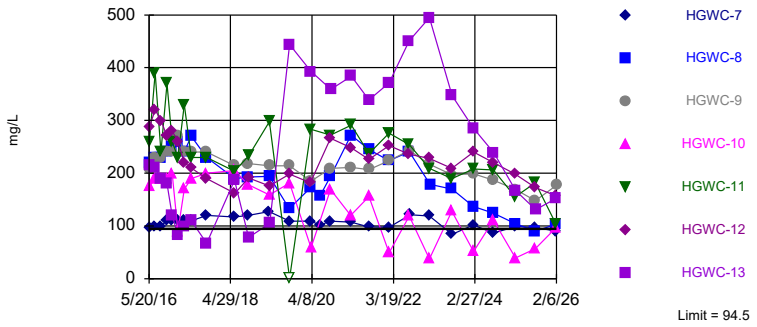
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Hollow symbols indicate censored values.

Exceeds Limit: HGWC-8, HGWC-9, HGWC-10, HGWC-11, HGWC-12, HGWC-13

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 110 background values. 0.9091% NDs. Annual per-constituent alpha = 0.002292. Individual comparison alpha = 0.0001639 (1 of 2). Comparing 7 points to limit.

Constituent: Sulfate Analysis Run 4/6/2026 1:50 PM View: Appendix III

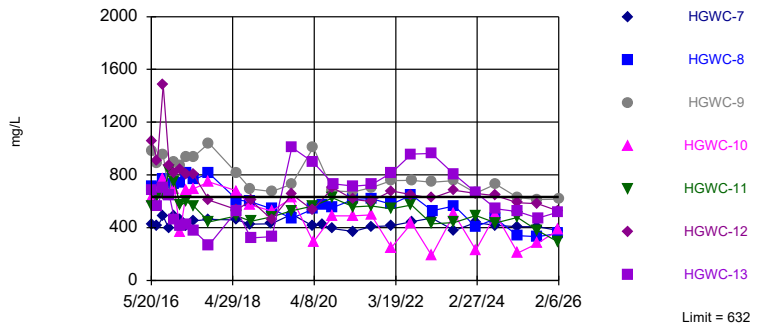
Plant Hammond Client: Southern Company Data: Hammond AP-1

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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 110 background values. Annual per-constituent alpha = 0.002292. Individual comparison alpha = 0.0001639 (1 of 2). Comparing 7 points to limit.

Constituent: TDS Analysis Run 4/6/2026 1:50 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-10	HGWC-11	HGWC-12	HGWC-13
5/19/2016	0.0214 (J)	<0.04	0.0321 (J)						
5/20/2016				1.71	0.885				
5/23/2016						0.72	0.787	2.2	2.15
7/11/2016	0.0142 (J)		0.0337 (J)						
7/12/2016		0.0074 (J)		1.43	0.857	0.778	1.17	1.98	1.91
8/30/2016	0.0074 (J)	<0.04	0.0173 (J)						
9/1/2016				1.91	0.904	0.786	1.49	2.28	2.3
10/19/2016	0.0224 (J)	0.0085 (J)	0.0341 (J)						
10/20/2016				1.72	0.936				
10/24/2016						0.831	2.54	2.75	4.01
12/6/2016	0.0211 (J)	0.0085 (J)	0.0326 (J)	2.06	1.06				
12/7/2016						1.01	2.96	3.35	3.85
1/24/2017	0.0165 (J)	0.01 (J)	0.0365 (J)						
1/25/2017				2.01	0.764				
1/26/2017						0.108	2.23	3.07	2.45
3/21/2017	0.0187 (J)	0.0079 (J)	0.0349 (J)	2.08	0.857				
3/22/2017						0.788	0.84	3.04	1.99
5/22/2017	0.0782	0.0131 (J)	0.0475						
5/23/2017				2.32	0.91				
5/24/2017						0.814	2.29	2.95	1.74
10/3/2017	0.0198 (J)	0.0097 (J)	0.0386 (J)	2.84	0.967	0.871	1.47	2.35	1.43
6/4/2018	0.02 (J)	0.017 (J)	0.036 (J)						
6/5/2018					0.86	1.2	1.3		1.3
6/6/2018				2.6				2.5	
10/1/2018	0.013 (J)	0.0061 (J)	0.035 (J)						
10/2/2018				2.7	0.98	0.62			
10/3/2018							0.91	2.3	
10/5/2018									1.6
3/13/2019									1
4/1/2019		0.0066 (J)							
4/2/2019	0.016 (J)		0.034 (J)		0.99				
4/3/2019				2.8		0.66	0.23	1.8	
4/5/2019									0.86 (J)
9/23/2019	0.021 (J)	0.0081 (J)	0.04 (J)						
9/24/2019				2.8					
9/25/2019					1.1				
9/26/2019									1.7
9/27/2019						1	0.53	2.1	
3/25/2020	0.025 (J)	0.0096 (J)	0.039 (J)						
3/26/2020								1.6	
3/27/2020				2.4	1.2				
3/30/2020									1.8
3/31/2020							0.17		
4/1/2020						0.23			
6/16/2020	0.021 (J)	0.01 (J)		2.2					
6/17/2020					1				
9/15/2020	0.017 (J)	0.0071 (J)	0.044 (J)						
9/16/2020				1.9	1.1	1.1			
9/17/2020									
9/18/2020							0.91	1.6	
9/21/2020									1.6
11/10/2020									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-10	HGWC-11	HGWC-12	HGWC-13
12/15/2020									
1/19/2021									
3/10/2021	0.015 (J)								
3/11/2021		0.015 (J)	0.056						
3/12/2021						0.64			
3/15/2021				1.7	1.1				
3/16/2021							0.53	1.9	
3/17/2021									0.89
8/11/2021	0.02 (J)								
8/12/2021		<0.04	0.044						
8/13/2021									
8/16/2021					1.1				
8/17/2021						0.88			
8/18/2021				1.8			0.91	1.9	
8/19/2021									0.73
2/1/2022	0.016 (J)	0.011 (J)	0.056						
2/9/2022						0.1	1	2	
2/10/2022				1.7	1.3				1
8/2/2022	0.012 (J)	<0.04	0.047						
8/3/2022				1.5		0.53	0.64	1.5	0.76
8/4/2022									
8/11/2022					1.1				
1/23/2023		0.012 (J)							
1/24/2023	0.015 (J)		0.046						
1/26/2023							0.5	1.5	0.83
1/27/2023					0.93	0.065			
2/1/2023				1.9					
8/8/2023	0.023 (J)	0.011 (J)	0.06						
8/10/2023						0.65	0.44	1.4	
8/11/2023									
8/12/2023				1.7	0.82				1
2/13/2024	0.02 (J)	<0.04	0.051						
2/14/2024				1.6	0.98				
2/15/2024						0.089	0.85	1.8	
2/16/2024									1
8/5/2024	0.02 (J)	<0.04	0.057						
8/6/2024									
8/7/2024				1.7	0.77	0.48	0.46	1.2	
8/8/2024									0.81
2/12/2025	0.021 (J)	0.011 (J)							
2/13/2025							0.92	1.4	
2/14/2025			0.053			0.1			
2/15/2025				1.4 (M1)					
2/16/2025					0.9				
2/17/2025									1
8/5/2025	0.019 (J)	0.009 (J)	0.044						
8/6/2025				1.3	0.74	0.16	0.24	1.1	
8/7/2025									
8/10/2025									0.77
2/3/2026	0.021 (J)	0.0094 (J)	0.039 (J)						
2/5/2026				1.4	0.69	0.27	0.33	1.2	0.7
2/6/2026									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
5/19/2016			
5/20/2016			
5/23/2016	1.76		
7/11/2016			
7/12/2016	1.56		
8/30/2016			
9/1/2016	2		
10/19/2016			
10/20/2016	1.68		
10/24/2016			
12/6/2016	2.15		
12/7/2016			
1/24/2017			
1/25/2017			
1/26/2017	1.87		
3/21/2017			
3/22/2017	1.99		
5/22/2017			
5/23/2017	2.29		
5/24/2017			
10/3/2017	2.05		
6/4/2018			
6/5/2018			
6/6/2018	2.3		
10/1/2018			
10/2/2018	2.5		
10/3/2018			
10/5/2018			
3/13/2019			
4/1/2019			
4/2/2019			
4/3/2019	2.3		
4/5/2019			
9/23/2019			
9/24/2019			
9/25/2019			
9/26/2019			
9/27/2019	2.9		
3/25/2020			
3/26/2020			
3/27/2020			
3/30/2020			
3/31/2020	2.2		
4/1/2020			
6/16/2020			
6/17/2020			
9/15/2020			
9/16/2020		0.23	0.061 (J)
9/17/2020	2		
9/18/2020			
9/21/2020			
11/10/2020		0.29	0.057 (J)

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
12/15/2020		0.31	0.052 (J)
1/19/2021		0.4	0.049 (J)
3/10/2021		0.39	
3/11/2021			0.06
3/12/2021			
3/15/2021			
3/16/2021	2.2		
3/17/2021			
8/11/2021			0.042
8/12/2021			
8/13/2021		0.31	
8/16/2021			
8/17/2021	2.3		
8/18/2021			
8/19/2021			
2/1/2022		0.44	0.05
2/9/2022	2.3		
2/10/2022			
8/2/2022		0.31	0.043
8/3/2022			
8/4/2022	2		
8/11/2022			
1/23/2023			
1/24/2023		0.44	0.037 (J)
1/26/2023	1.9		
1/27/2023			
2/1/2023			
8/8/2023		0.55	0.038 (J)
8/10/2023			
8/11/2023	2.1		
8/12/2023			
2/13/2024		0.49	0.037 (J)
2/14/2024			
2/15/2024	2.1		
2/16/2024			
8/5/2024			
8/6/2024		0.52	0.043
8/7/2024	1.9		
8/8/2024			
2/12/2025		0.54	0.04 (J)
2/13/2025			
2/14/2025			
2/15/2025	2		
2/16/2025			
2/17/2025			
8/5/2025		0.45	0.039 (J)
8/6/2025			
8/7/2025	2		
8/10/2025			
2/3/2026		0.47	0.036 (J)
2/5/2026			
2/6/2026	2.1		

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-10	HGWC-11	HGWC-12	HGWC-13
5/19/2016	138	76.2	22.9						
5/20/2016				159	117				
5/23/2016						167	131	195	133
7/11/2016	97.2		22.3						
7/12/2016		61.5		127	88.8	143	124	181	101
8/30/2016	97.5	65.1	26.4						
9/1/2016				135	96.3	156	107	179	120
10/19/2016	99.2	73.2	21.7						
10/20/2016				134	96.9				
10/24/2016						156	145	193	127
12/6/2016	105	74.9	18.2	142	104				
12/7/2016						183	159	193	113
1/24/2017	95.7	69.6	18.5						
1/25/2017				142	94.5				
1/26/2017						82.6	121	172	77.9
3/21/2017	106	75.7	18.6	148	109				
3/22/2017						154	130	162	85.1
5/22/2017	107	71.5	17.8						
5/23/2017				140	93.3				
5/24/2017						171	117	158	77.1
10/3/2017	102	76.3	20.2	158	108	162	87.7	130	62
6/4/2018	124	73.4	19.1						
6/5/2018					99.8	167	113		110
6/6/2018				127				136	
10/1/2018	108	80.9	20.5 (J)						
10/2/2018				118	108	144			
10/3/2018							89	125	
10/5/2018									73.6
3/13/2019									77.7
4/1/2019		80.5							
4/2/2019	132		22.5 (J)		101				
4/3/2019				125		137	112	114	
4/5/2019									77.1
9/23/2019	118	71	19.5						
9/24/2019				113					
9/25/2019					105				
9/26/2019									195
9/27/2019						157	113	153	
3/25/2020	127	89.8	23						
3/26/2020								145	
3/27/2020				133	119				
3/30/2020									234
3/31/2020							124		
4/1/2020						96.2			
6/16/2020	130	85.1		120					
6/17/2020					112				
9/15/2020	103	73.1	21.1						
9/16/2020				119	98	139			
9/17/2020									
9/18/2020							122	163	
9/21/2020									173
11/10/2020									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-10	HGWC-11	HGWC-12	HGWC-13
12/15/2020									
1/19/2021									
3/10/2021	111								
3/11/2021		83.8	43.8						
3/12/2021						146			
3/15/2021				156	113				
3/16/2021							132	166	
3/17/2021									184
8/11/2021	113								
8/12/2021		84	21.9						
8/13/2021									
8/16/2021					112				
8/17/2021						153			
8/18/2021				147			128	163	
8/19/2021									179
2/1/2022	106	85.1	27.2						
2/9/2022						76.8	144	172	
2/10/2022				153	108				206
8/2/2022	117	84.6	31.2						
8/3/2022				153		125	131	167	237
8/4/2022									
8/11/2022					119				
1/23/2023		85							
1/24/2023	117		29.4						
1/26/2023							113	154	234
1/27/2023					124	60.4			
2/1/2023				110					
8/8/2023	118	78.3	30.7						
8/10/2023						155	100	156	
8/11/2023									
8/12/2023				122	101				172
2/13/2024	116	83.6	38.8						
2/14/2024				96.2	109				
2/15/2024						68.4	125	171	
2/16/2024									152
8/5/2024	113	83.3	34.7						
8/6/2024									
8/7/2024				97.7	99.2	142	101	161	
8/8/2024									127
2/12/2025	125	86.6							
2/13/2025							133	160	
2/14/2025			51.5			61			
2/15/2025				83.3 (M1)					
2/16/2025					114				
2/17/2025									115
8/5/2025	113	72.6	24.1						
8/6/2025				57.6	92.3	70.3	70	130	
8/7/2025									
8/10/2025									109
2/3/2026	129	86.8	37.2						
2/5/2026				88.9	105	122	76.5	148	125
2/6/2026									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
5/19/2016			
5/20/2016			
5/23/2016	179		
7/11/2016			
7/12/2016	174		
8/30/2016			
9/1/2016	170		
10/19/2016			
10/20/2016	133		
10/24/2016			
12/6/2016	181		
12/7/2016			
1/24/2017			
1/25/2017			
1/26/2017	175		
3/21/2017			
3/22/2017	183		
5/22/2017			
5/23/2017	181		
5/24/2017			
10/3/2017	188		
6/4/2018			
6/5/2018			
6/6/2018	184		
10/1/2018			
10/2/2018	173		
10/3/2018			
10/5/2018			
3/13/2019			
4/1/2019			
4/2/2019			
4/3/2019	164		
4/5/2019			
9/23/2019			
9/24/2019			
9/25/2019			
9/26/2019			
9/27/2019	175		
3/25/2020			
3/26/2020			
3/27/2020			
3/30/2020			
3/31/2020	182		
4/1/2020			
6/16/2020			
6/17/2020			
9/15/2020			
9/16/2020		30	56
9/17/2020	164		
9/18/2020			
9/21/2020			
11/10/2020		33.6	63.3

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
12/15/2020		28.7	62.6
1/19/2021		33	60.1
3/10/2021		12.1 (D)	
3/11/2021			59.6
3/12/2021			
3/15/2021			
3/16/2021	182		
3/17/2021			
8/11/2021			61
8/12/2021			
8/13/2021		28.9	
8/16/2021			
8/17/2021	183		
8/18/2021			
8/19/2021			
2/1/2022		24.8	55.9
2/9/2022	183		
2/10/2022			
8/2/2022		20.9	54.1
8/3/2022			
8/4/2022	196		
8/11/2022			
1/23/2023			
1/24/2023		13.2	56.6
1/26/2023	173		
1/27/2023			
2/1/2023			
8/8/2023		8.1	52.8
8/10/2023			
8/11/2023	168		
8/12/2023			
2/13/2024		9.9	53.3
2/14/2024			
2/15/2024	148		
2/16/2024			
8/5/2024			
8/6/2024		7.1	57.2
8/7/2024	163		
8/8/2024			
2/12/2025		7.2	61.8
2/13/2025			
2/14/2025			
2/15/2025	171		
2/16/2025			
2/17/2025			
8/5/2025		6	55.2
8/6/2025			
8/7/2025	122		
8/10/2025			
2/3/2026		6.7	61.7
2/5/2026			
2/6/2026	148		

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-12	HGWC-13
5/19/2016	9.94	5.93	6.14						
5/20/2016				109	50.4				
5/23/2016						51.9	56.1	160	93.2
7/11/2016	6.3		5.9						
7/12/2016		6.2		110	50	100	63	160	78
8/30/2016	6	6.4	6.2						
9/1/2016				110	50	58	77	140	100
10/19/2016	5.8	6.5	6.1						
10/20/2016				110	49				
10/24/2016						220	99	160	140
12/6/2016	5.4	7.2	6	100	51				
12/7/2016						180	96	190	110
1/24/2017	5.2	6.4	6.1						
1/25/2017				110	54				
1/26/2017						90	7	160	70
3/21/2017	4.6	7.5	5.9	110	46				
3/22/2017						37	82	130	59
5/22/2017	4.6	6.5	5.9						
5/23/2017				130	49				
5/24/2017						69	81	120	50
10/3/2017	5.6	6.5	6.3	130	52	28	100	93	29
6/4/2018	13.1	6.3	6.1						
6/5/2018					52.3	56.1	66.6		72.3
6/6/2018				44.8				46.4	
10/1/2018	6.6	6.4	6.4						
10/2/2018				89.4	52.6		48.3		
10/3/2018						24.8		88.4	
10/5/2018									32.3
4/1/2019		6.5							
4/2/2019	20.3		5.8		55.5				
4/3/2019				91.6		4.6	49.3	62.8	
4/5/2019									36.4
9/23/2019	17.7	5.9	5.1						
9/24/2019				60.2					
9/25/2019					49.8				
9/26/2019									109
9/27/2019						27.9	49.9	81	
3/25/2020	20.4	6.1	5.2						
3/26/2020								48	
3/27/2020				79.8	48.3				
3/30/2020									75.1
3/31/2020						3.2			
4/1/2020							5.4		
6/16/2020	41.1	5.8		67.9					
6/17/2020					45.2				
9/15/2020	13.4	6	5						
9/16/2020				74.6	46.4		39.7		
9/17/2020									
9/18/2020						34.9		74.6	
9/21/2020									41.2
11/10/2020									
12/15/2020									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-12	HGWC-13
1/19/2021									
3/10/2021	7.4								
3/11/2021		5.9	5.1						
3/12/2021							35		
3/15/2021				72.4	44.5				
3/16/2021						11.5		56.8	
3/17/2021									31.4
8/11/2021	9.6								
8/12/2021		4.8	5.2						
8/13/2021									
8/16/2021					40.3				
8/17/2021							28.3		
8/18/2021				50.9		19.9		47.3	
8/19/2021									24.4
2/1/2022	7.5	5.7	7						
2/9/2022						20.4	1.2	46.8	
2/10/2022				48.2	39.8				17.4
8/2/2022	14.1	5.9	7.8						
8/3/2022				54.1		13.8	12.3	39.2	13
8/4/2022									
8/11/2022					37.7				
1/23/2023		5.6							
1/24/2023	9		7.1						
1/26/2023						8.8		34.6	12.5
1/27/2023					40		1.6		
2/1/2023				52.4					
8/8/2023	26	5.3	6.6						
8/10/2023						6.5	13.4	30.6	
8/11/2023									
8/12/2023				53.1	33.3				15.3
2/13/2024	10	5.3	6.3						
2/14/2024				32.9	35.8				
2/15/2024						14.5	2.6	37.7	
2/16/2024									16.7
8/5/2024	8.7	5.2	7.9						
8/6/2024									
8/7/2024				36.1	28.6	6.3	12.9	26.7	
8/8/2024									12.8
2/12/2025	4.8	5							
2/13/2025						11.7		24.3	
2/14/2025			8.5				2.1		
2/15/2025				25					
2/16/2025					30.7				
2/17/2025									13.5
8/5/2025	17.2	5.5	9.6						
8/6/2025				21.9	27.7	2.5	2.1	21.3	
8/7/2025									
8/10/2025									14.8
2/3/2026	6.9	5.5	8.2						
2/5/2026				24	26.3	3.2	4.8	15.8	15.2
2/6/2026									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
5/19/2016			
5/20/2016			
5/23/2016	152		
7/11/2016			
7/12/2016	160		
8/30/2016			
9/1/2016	160		
10/19/2016			
10/20/2016	110		
10/24/2016			
12/6/2016	150		
12/7/2016			
1/24/2017			
1/25/2017			
1/26/2017	170		
3/21/2017			
3/22/2017	160		
5/22/2017			
5/23/2017	150		
5/24/2017			
10/3/2017	160		
6/4/2018			
6/5/2018			
6/6/2018	138		
10/1/2018			
10/2/2018	142		
10/3/2018			
10/5/2018			
4/1/2019			
4/2/2019			
4/3/2019	130		
4/5/2019			
9/23/2019			
9/24/2019			
9/25/2019			
9/26/2019			
9/27/2019	126		
3/25/2020			
3/26/2020			
3/27/2020			
3/30/2020			
3/31/2020	105		
4/1/2020			
6/16/2020			
6/17/2020			
9/15/2020			
9/16/2020		5.65 (D)	4.1
9/17/2020	105		
9/18/2020			
9/21/2020			
11/10/2020		7.8	4.4
12/15/2020		9.4	4.7

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
1/19/2021		9.5	4.1
3/10/2021		12.3	
3/11/2021			4.5
3/12/2021			
3/15/2021			
3/16/2021	94.7		
3/17/2021			
8/11/2021			3.5
8/12/2021			
8/13/2021		39.9	
8/16/2021			
8/17/2021	88.6		
8/18/2021			
8/19/2021			
2/1/2022		44.8	4.1
2/9/2022	84.4		
2/10/2022			
8/2/2022		19.8	4.3
8/3/2022			
8/4/2022	86.8		
8/11/2022			
1/23/2023			
1/24/2023		24.9	4.3
1/26/2023	86.9		
1/27/2023			
2/1/2023			
8/8/2023		27	3.5
8/10/2023			
8/11/2023	78.9		
8/12/2023			
2/13/2024		27.7	3.9
2/14/2024			
2/15/2024	83.2		
2/16/2024			
8/5/2024			
8/6/2024		30.2	4
8/7/2024	87.1		
8/8/2024			
2/12/2025		30.7	3.8
2/13/2025			
2/14/2025			
2/15/2025	81.2		
2/16/2025			
2/17/2025			
8/5/2025		29.7	4
8/6/2025			
8/7/2025	84.4		
8/10/2025			
2/3/2026		29.1	4.2
2/5/2026			
2/6/2026	80.9		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-13	HGWC-11	HGWC-9	HGWC-12
5/19/2016	0.105 (J)	0.0513 (J)	0.0303 (J)						
5/20/2016				0.499	0.0828 (J)				
5/23/2016						0.2587 (J)	0.203 (J)	<0.1	0.212 (J)
7/11/2016	0.16 (J)		0.05 (J)						
7/12/2016		0.12 (J)		0.67	0.2 (J)	0.53	0.44	0.24 (J)	0.31
8/30/2016	0.09 (J)	0.09 (J)	0.06 (J)						
9/1/2016				0.94	0.51	0.74	0.67	0.46	0.62
10/19/2016	0.1 (J)	0.1 (J)	0.04 (J)						
10/20/2016				0.56	0.4			0.56	
10/24/2016						0.31	0.26 (J)		0.19 (J)
12/6/2016	0.11 (J)	0.21 (J)	0.36	0.76	0.26 (J)			0.31	
12/7/2016						1	0.55		0.73
1/24/2017	0.09 (J)	0.06 (J)	<0.1						
1/25/2017				1.1	0.24 (J)				
1/26/2017						0.68	0.27 (J)	0.004 (J)	0.12 (J)
3/21/2017	0.13 (J)	0.005 (J)	<0.1	0.46	0.13 (J)				
3/22/2017						0.76	0.66	0.28 (J)	0.44
5/22/2017	0.12 (J)	0.05 (J)	<0.1						
5/23/2017				0.65	0.11 (J)			0.29 (J)	
5/24/2017						0.54	0.35		0.34
10/3/2017	0.13 (J)	0.13 (J)	<0.1	0.66	0.17 (J)	0.83	0.56	0.53	0.58
4/2/2018	<0.1		<0.1						
4/3/2018		<0.1		0.39	<0.1			<0.1	
4/4/2018						0.65	0.39		<0.1
6/4/2018	0.074 (J)	<0.1	<0.1						
6/5/2018					0.099 (J)	0.47	0.24 (J)		
6/6/2018				0.46				0.12 (J)	0.21 (J)
10/1/2018	<0.1	<0.1	<0.1						
10/2/2018				0.51	<0.1			0.031 (J)	
10/3/2018							0.31		0.15 (J)
10/5/2018						0.77			
3/12/2019	0.29 (J)	0.072 (J)	0.038 (J)	0.58					
3/13/2019					0.12 (J)	0.78	0.51	0.14 (J)	
3/14/2019									1.1
4/1/2019		0.029 (J)							
4/2/2019	0.1 (J)		0.071 (J)		0.097 (J)				
4/3/2019				0.63			0.43	0.14 (J)	0.3 (J)
4/5/2019						0.83			
9/23/2019	0.078 (J)	<0.1	<0.1						
9/24/2019				0.49					
9/25/2019					0.1 (J)				
9/26/2019						0.64			
9/27/2019							0.42	0.26 (J)	0.26 (J)
3/2/2020	0.076 (J)	<0.1	<0.1						
3/3/2020				0.45			0.24 (J)		0.21 (J)
3/4/2020					0.077 (J)	0.37		0.08 (J)	
3/25/2020	0.098 (J)	<0.1	<0.1						
3/26/2020									0.17 (J)
3/27/2020				0.46	0.059 (J)				
3/30/2020						0.44			
3/31/2020							0.19 (J)	0.074 (J)	
4/1/2020									

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-13	HGWC-11	HGWC-9	HGWC-12
6/16/2020	0.071 (J)	<0.1		0.45					
6/17/2020					0.077 (J)				
8/25/2020		<0.1	<0.1						
8/28/2020	0.08 (J)								
9/15/2020	0.082 (J)	<0.1	<0.1						
9/16/2020				0.53	0.081 (J)				
9/17/2020								0.1	
9/18/2020							0.15		0.15
9/21/2020						0.44			
11/10/2020									
12/15/2020									
1/19/2021									
2/8/2021	0.078 (J)								
2/9/2021		0.074 (J)	<0.1						
2/10/2021					0.085 (J)				
2/12/2021							0.17		0.19
2/15/2021									
2/16/2021				0.47				0.096 (J)	
2/22/2021						0.55			
3/10/2021	0.079 (J)								
3/11/2021		<0.1	0.1						
3/12/2021									
3/15/2021				0.51	0.086 (J)				
3/16/2021							0.21	0.098 (J)	0.2
3/17/2021						0.65			
8/11/2021	0.058 (J)								
8/12/2021		<0.1	<0.1						
8/13/2021									
8/16/2021					0.084 (J)				
8/17/2021								0.095 (J)	
8/18/2021				0.41			0.21		0.15
8/19/2021						0.53			
2/1/2022	0.064 (J)	<0.1	<0.1						
2/9/2022							0.2	0.1	0.2
2/10/2022				0.42	0.083 (J)	0.53			
8/2/2022	0.09 (J)	0.067 (J)	0.053 (J)						
8/3/2022				0.44		0.55	0.22		0.21
8/4/2022								0.13	
8/11/2022					0.11				
1/23/2023		0.061 (J)							
1/24/2023	0.089 (J)		0.053 (J)						
1/26/2023						0.4	0.2	0.11	0.21
1/27/2023					0.1				
2/1/2023				0.4					
8/8/2023	0.088 (J)	0.055 (J)	0.07 (J)						
8/10/2023							0.15		0.17
8/11/2023								0.12	
8/12/2023				0.59	0.071 (J)	0.32			
2/13/2024	0.071 (J)	<0.1	0.17						
2/14/2024				0.3	0.081 (J)				
2/15/2024							0.21	0.087 (J)	0.19
2/16/2024						0.33			

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-13	HGWC-11	HGWC-9	HGWC-12
8/5/2024	0.11	0.077 (J)	0.12						
8/6/2024									
8/7/2024				0.37	0.074 (J)		0.11	0.084 (J)	0.17
8/8/2024						0.38			
2/12/2025	0.1	0.073 (J)							
2/13/2025							0.3 (M1)		0.24
2/14/2025			0.1						
2/15/2025				0.24				0.071 (J)	
2/16/2025					0.056 (J)				
2/17/2025						0.4			
8/5/2025	0.055 (J)	<0.1	<0.1						
8/6/2025				0.22	0.11		0.22		0.32
8/7/2025								0.1	
8/10/2025						0.44			
2/3/2026	0.089 (J)	0.066 (J)	0.13						
2/5/2026				0.39	0.11	0.39	0.22		0.22
2/6/2026								0.098 (J)	

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWA-44D (bg)	HGWA-43D (bg)
5/19/2016			
5/20/2016			
5/23/2016	0.0394 (J)		
7/11/2016			
7/12/2016	0.15 (J)		
8/30/2016			
9/1/2016	0.5		
10/19/2016			
10/20/2016			
10/24/2016	0.06 (J)		
12/6/2016			
12/7/2016	0.44		
1/24/2017			
1/25/2017			
1/26/2017	0.29 (J)		
3/21/2017			
3/22/2017	0.34		
5/22/2017			
5/23/2017			
5/24/2017	0.13 (J)		
10/3/2017	0.46		
4/2/2018			
4/3/2018			
4/4/2018	<0.1		
6/4/2018			
6/5/2018	<0.1		
6/6/2018			
10/1/2018			
10/2/2018	0.17 (J)		
10/3/2018			
10/5/2018			
3/12/2019			
3/13/2019	0.17 (J)		
3/14/2019			
4/1/2019			
4/2/2019			
4/3/2019	0.082 (J)		
4/5/2019			
9/23/2019			
9/24/2019			
9/25/2019			
9/26/2019			
9/27/2019	0.17 (J)		
3/2/2020			
3/3/2020	0.11 (J)		
3/4/2020			
3/25/2020			
3/26/2020			
3/27/2020			
3/30/2020			
3/31/2020			
4/1/2020	0.12 (J)		

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWA-44D (bg)	HGWA-43D (bg)
6/16/2020			
6/17/2020			
8/25/2020			
8/28/2020			
9/15/2020			
9/16/2020	<0.1	0.37 (D)	0.22
9/17/2020			
9/18/2020			
9/21/2020			
11/10/2020		0.59	0.19
12/15/2020		0.67	0.21
1/19/2021		0.74	0.16
2/8/2021			
2/9/2021		0.44	0.19
2/10/2021			
2/12/2021			
2/15/2021	0.08 (J)		
2/16/2021			
2/22/2021			
3/10/2021		0.65	
3/11/2021			0.2
3/12/2021	0.054 (J)		
3/15/2021			
3/16/2021			
3/17/2021			
8/11/2021			0.15
8/12/2021			
8/13/2021		0.87	
8/16/2021			
8/17/2021	<0.1		
8/18/2021			
8/19/2021			
2/1/2022		0.96	0.19
2/9/2022	0.12		
2/10/2022			
8/2/2022		0.8	0.22
8/3/2022	0.13		
8/4/2022			
8/11/2022			
1/23/2023			
1/24/2023		1.3	0.23
1/26/2023			
1/27/2023	0.16		
2/1/2023			
8/8/2023		1.3	0.18
8/10/2023	0.05 (J)		
8/11/2023			
8/12/2023			
2/13/2024		1.5	0.2
2/14/2024			
2/15/2024	0.12		
2/16/2024			

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-10	HGWA-44D (bg)	HGWA-43D (bg)
8/5/2024			
8/6/2024		1.3	0.21
8/7/2024	0.075 (J)		
8/8/2024			
2/12/2025		1.1	0.21
2/13/2025			
2/14/2025	0.086 (J)		
2/15/2025			
2/16/2025			
2/17/2025			
8/5/2025		0.87	0.16
8/6/2025	0.16		
8/7/2025			
8/10/2025			
2/3/2026		0.95	0.18
2/5/2026	0.12		
2/6/2026			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-9	HGWC-13
5/19/2016	7.27	7.45	5.81						
5/20/2016				6.99	7.14				
5/23/2016						6.22	6.83	7.23	7.14
7/11/2016	7.06		5.68						
7/12/2016		7.32		6.88	7.13	6.04	6.58	6.87	7.04
8/30/2016	7.28	7.43	5.63						
9/1/2016				6.73	7.29	6.26	6.54	7.15	7.24
10/19/2016	7.02	7.03	5.46						
10/20/2016				6.9	7.1			7.05	
10/24/2016						6.46	6.59		6.9
12/6/2016	7.09	7.08	5.38	6.98	7.15			7.15	
12/7/2016						6.29	6.56		6.91
1/24/2017	7.2	7.39	5.37						
1/25/2017				7.04	7.11				
1/26/2017						6.46	6.83	6.99	7.08
3/21/2017	7.01	6.83	4.9	6.87	7.12				
3/22/2017						5.81	6.66	7.03	7.13
5/22/2017	7.11	7.02	5.2						
5/23/2017				6.87	7.08			7.05	
5/24/2017						6.51	6.67		7.15
10/3/2017	7.21	7.47	5.3	6.72	7.21	6.25	6.54	7.07	7.32
4/2/2018	7.1		5.4						
4/3/2018		7.38		6.87	7.14			6.99	
4/4/2018						5.86	6.61		7.27
6/4/2018	7.06	7.38	5.27						
6/5/2018					7.13	6.27	6.65		7.2
6/6/2018				6.9				7.02	
10/1/2018	7.09	7.13	5.31						
10/2/2018				6.9	7.12		6.55	7.05	
10/3/2018						5.97			
10/5/2018									7.24
3/12/2019	7.03	7.29	5.42	6.91					
3/13/2019					7.27	5.92	6.7	7.06	7.24
3/14/2019									
4/1/2019		7.16							
4/2/2019	6.86		5.41		7.27				
4/3/2019				6.85		5.69	6.55	6.88	
4/5/2019									7.24
9/23/2019	7.02	7.3	5.33						
9/24/2019				6.95					
9/25/2019					7.11				
9/26/2019									6.94
9/27/2019						5.75	6.64	7.01	
9/30/2019	7	7.37	5.35						
3/2/2020	7.1	7.12	5.43						
3/3/2020				7.06		5.95	6.76		
3/4/2020					7.17			6.97	7.16
3/25/2020	6.95	7.4	5.36						
3/26/2020									
3/27/2020				6.95	7.05				
3/30/2020									6.91
3/31/2020						5.7		7.07	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-9	HGWC-13
4/1/2020							6.84		
6/16/2020	6.97	7.31		6.97					
6/17/2020					7.2				
8/25/2020		7.14	5.15						
8/28/2020	7.02								
9/15/2020	7.15	7.29	5.22						
9/16/2020				6.92	7.3		6.66		
9/17/2020								6.99	
9/18/2020						6.42			
9/21/2020									7.38
11/10/2020									
12/15/2020									
1/19/2021									
2/8/2021	7.11								
2/9/2021		7.23	5.42						
2/10/2021					7.29				
2/12/2021						7.27			
2/15/2021							6.83		
2/16/2021				7.16				7.26	
2/22/2021									7.27
3/10/2021	6.95								
3/11/2021		7.33	5.8						
3/12/2021							6.76		
3/15/2021				7.09	7.19				
3/16/2021						5.95		7.1	
3/17/2021									7.33
8/11/2021	6.98								
8/12/2021		7.31	5.05						
8/13/2021									
8/16/2021					7.12				
8/17/2021							6.75	7.1	
8/18/2021				7.02		6.1			
8/19/2021									7.38
2/1/2022	7.19	7.45	5.24						
2/9/2022						6.55	7	7.3	
2/10/2022				6.99	7.22				7.54
8/2/2022	7.03	7.02	4.57						
8/3/2022				6.84		6.23	6.73		7.09
8/4/2022								7.03	
8/11/2022					7.07				
1/23/2023		7.32							
1/24/2023	6.76		5.22						
1/26/2023						6.23		7.07	6.9
1/27/2023					7.25		6.89		
2/1/2023				6.6					
8/8/2023	7.05	7.42	5.01						
8/10/2023						5.9	6.81		
8/11/2023								7.09	
8/12/2023				6.84	7.36				6.89
2/13/2024	7.06	7.35	5.49						
2/14/2024				6.66	7.3				
2/15/2024						6.36	6.93	6.82	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-9	HGWC-13
2/16/2024									6.9
8/5/2024	7.29	7.27	4.91						
8/6/2024									
8/7/2024				6.71	7.58	5.79	6.92	7.03	
8/8/2024									6.95
2/12/2025	7.08	7.37							
2/13/2025						6.6			
2/14/2025		7.45	5.75				6.77		
2/15/2025				6.54				7.03	
2/16/2025					7.41				
2/17/2025									7.11
8/5/2025	6.94	7.12	4.9						
8/6/2025				5.61	7.28	5.44	6.51		
8/7/2025								6.32	
8/10/2025									6.78
2/3/2026	7.07	7.33	5.66						
2/5/2026				6.58	7.34	6.36	6.75		7.01
2/6/2026								6.89	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-12	HGWA-43D (bg)	HGWA-44D (bg)
5/19/2016			
5/20/2016			
5/23/2016	7.15		
7/11/2016			
7/12/2016	6.87		
8/30/2016			
9/1/2016	7.2		
10/19/2016			
10/20/2016			
10/24/2016	7.1		
12/6/2016			
12/7/2016	6.92		
1/24/2017			
1/25/2017			
1/26/2017	7.05		
3/21/2017			
3/22/2017	7.08		
5/22/2017			
5/23/2017			
5/24/2017	7.11		
10/3/2017	7.01		
4/2/2018			
4/3/2018			
4/4/2018	7.12		
6/4/2018			
6/5/2018			
6/6/2018	7.12		
10/1/2018			
10/2/2018			
10/3/2018	7.08		
10/5/2018			
3/12/2019			
3/13/2019			
3/14/2019	7.09		
4/1/2019			
4/2/2019			
4/3/2019	6.96		
4/5/2019			
9/23/2019			
9/24/2019			
9/25/2019			
9/26/2019			
9/27/2019	7.07		
9/30/2019			
3/2/2020			
3/3/2020	6.95		
3/4/2020			
3/25/2020			
3/26/2020	6.99		
3/27/2020			
3/30/2020			
3/31/2020			

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-12	HGWA-43D (bg)	HGWA-44D (bg)
4/1/2020			
6/16/2020			
6/17/2020			
8/25/2020			
8/28/2020			
9/15/2020			
9/16/2020		7.52	7.83
9/17/2020			
9/18/2020	7.16		
9/21/2020			
11/10/2020		7.27	7.84
12/15/2020		7.39	7.87
1/19/2021		7.39	7.86
2/8/2021			
2/9/2021		7.44	7.84
2/10/2021			
2/12/2021	6.23		
2/15/2021			
2/16/2021			
2/22/2021			
3/10/2021			7.92
3/11/2021		7.46	
3/12/2021			
3/15/2021			
3/16/2021	7.15		
3/17/2021			
8/11/2021		7.4	
8/12/2021			
8/13/2021			7.77
8/16/2021			
8/17/2021			
8/18/2021	6.89		
8/19/2021			
2/1/2022		7.52	8.25
2/9/2022	7.23		
2/10/2022			
8/2/2022		7.15	7.9
8/3/2022	7.13		
8/4/2022			
8/11/2022			
1/23/2023			
1/24/2023		7.56	8.22
1/26/2023	7.1		
1/27/2023			
2/1/2023			
8/8/2023		7.39	8.2
8/10/2023	7.08		
8/11/2023			
8/12/2023			
2/13/2024		7.47	8.1
2/14/2024			
2/15/2024	7.02		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-12	HGWA-43D (bg)	HGWA-44D (bg)
2/16/2024			
8/5/2024			
8/6/2024		7.46	8.36
8/7/2024	7.09		
8/8/2024			
2/12/2025		7.5	8.49
2/13/2025	7.04		
2/14/2025			
2/15/2025			
2/16/2025			
2/17/2025			
8/5/2025		7.42	8.46
8/6/2025	6.98		
8/7/2025			
8/10/2025			
2/3/2026		7.41	8.6
2/5/2026	7.11		
2/6/2026			

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-12	HGWC-13
5/19/2016	66.9	42.3	48.6						
5/20/2016				219	96				
5/23/2016						260	175	288	215
7/11/2016	41		45						
7/12/2016		44		230	100	390	190	320	210
8/30/2016	36	40	42						
9/1/2016				230	100	240	190	300	190
10/19/2016	46	43	44						
10/20/2016				240	110				
10/24/2016						370	190	270	180
12/6/2016	59	43	44	250	110				
12/7/2016						260	200	280	120
1/24/2017	46	48	46						
1/25/2017				260	110				
1/26/2017						230	90	260	83
3/21/2017	63	45	46	240	110				
3/22/2017						330	170	220	100
5/22/2017	77	46	48						
5/23/2017				270	110				
5/24/2017						230	190	210	110
10/3/2017	42	48	47	230	120	230	200	190	67
6/4/2018	71.8	46.6	47.8						
6/5/2018					117	204	205		187
6/6/2018				190				162	
10/1/2018	49.1	48.6	48.1						
10/2/2018				193	120		178		
10/3/2018						233		191	
10/5/2018									78.3
4/1/2019		50.4							
4/2/2019	84.3		48.7		127				
4/3/2019				194		298	159	176	
4/5/2019									105
9/23/2019	70.2	43.9	47.2						
9/24/2019				133					
9/25/2019					109				
9/26/2019									444
9/27/2019						<1	181	198	
3/25/2020	85.9	50.5	46.3						
3/26/2020								182	
3/27/2020				173	109				
3/30/2020									393
3/31/2020						283			
4/1/2020							59		
6/16/2020	88.2	49.5		157					
6/17/2020					102				
9/15/2020	47.3	44.7	51.5						
9/16/2020				194	109		169		
9/17/2020									
9/18/2020						272		266	
9/21/2020									359
11/10/2020									
12/15/2020									

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-12	HGWC-13
1/19/2021									
3/10/2021	49.6								
3/11/2021		50.4	52.9						
3/12/2021							120		
3/15/2021				272	107				
3/16/2021						291		248	
3/17/2021									384
8/11/2021	48.9								
8/12/2021		38.6	47.4						
8/13/2021									
8/16/2021					98.1				
8/17/2021							156		
8/18/2021				245		237		226	
8/19/2021									339
2/1/2022	43.7	46	67.1						
2/9/2022						276	49.2	252	
2/10/2022				224	97.5				371
8/2/2022	58.1	43.5	86.9						
8/3/2022				241		254	119	236	451
8/4/2022									
8/11/2022					121				
1/23/2023		39.5							
1/24/2023	48.3		79.7						
1/26/2023						209		228	495
1/27/2023					119		37.3		
2/1/2023				179					
8/8/2023	67.7	35	89.9						
8/10/2023						190	128	209	
8/11/2023									
8/12/2023				170	84.2				347
2/13/2024	50.4	35.5	93.9						
2/14/2024				137	102				
2/15/2024						208	51.2	240	
2/16/2024									285
8/5/2024	49.4	31.1	87.2						
8/6/2024									
8/7/2024				124	86.5	206	111	220	
8/8/2024									239
2/12/2025	43.8	28							
2/13/2025						155 (M1)		198	
2/14/2025			94.5 (M1)				39.2		
2/15/2025				104					
2/16/2025					98.5 (M1)				
2/17/2025									167 (M1)
8/5/2025	57.6	24.9	74						
8/6/2025				90.3	97.2	182	57.2	173	
8/7/2025									
8/10/2025									131
2/3/2026	42.1	25.5	61.8						
2/5/2026				103	90.5	103	96.7	157	152
2/6/2026									

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
5/19/2016			
5/20/2016			
5/23/2016	207		
7/11/2016			
7/12/2016	230		
8/30/2016			
9/1/2016	230		
10/19/2016			
10/20/2016	240		
10/24/2016			
12/6/2016	240		
12/7/2016			
1/24/2017			
1/25/2017			
1/26/2017	270		
3/21/2017			
3/22/2017	240		
5/22/2017			
5/23/2017	240		
5/24/2017			
10/3/2017	240		
6/4/2018			
6/5/2018			
6/6/2018	214		
10/1/2018			
10/2/2018	218		
10/3/2018			
10/5/2018			
4/1/2019			
4/2/2019			
4/3/2019	214		
4/5/2019			
9/23/2019			
9/24/2019			
9/25/2019			
9/26/2019			
9/27/2019	214		
3/25/2020			
3/26/2020			
3/27/2020			
3/30/2020			
3/31/2020	185		
4/1/2020			
6/16/2020			
6/17/2020			
9/15/2020			
9/16/2020		24.95 (D)	43
9/17/2020	209		
9/18/2020			
9/21/2020			
11/10/2020		6.3	39
12/15/2020		6.7	38.8

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
1/19/2021		7.4	37.3
3/10/2021		<1	
3/11/2021			38.6
3/12/2021			
3/15/2021			
3/16/2021	211		
3/17/2021			
8/11/2021			30.5
8/12/2021			
8/13/2021		56.1	
8/16/2021			
8/17/2021	207		
8/18/2021			
8/19/2021			
2/1/2022		56.3	37.5
2/9/2022	224		
2/10/2022			
8/2/2022		13.2	37
8/3/2022			
8/4/2022	243		
8/11/2022			
1/23/2023			
1/24/2023		10.1	34.7
1/26/2023	217		
1/27/2023			
2/1/2023			
8/8/2023		1.3	25.6
8/10/2023			
8/11/2023	197		
8/12/2023			
2/13/2024		2	28.9
2/14/2024			
2/15/2024	199		
2/16/2024			
8/5/2024			
8/6/2024		0.86 (J)	25.5
8/7/2024	187		
8/8/2024			
2/12/2025		0.51 (J)	25.2
2/13/2025			
2/14/2025			
2/15/2025	169		
2/16/2025			
2/17/2025			
8/5/2025		0.85 (J)	22.4
8/6/2025			
8/7/2025	148		
8/10/2025			
2/3/2026		0.58 (J)	21.8
2/5/2026			
2/6/2026	177		

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-12	HGWC-13
5/19/2016	421	267	143						
5/20/2016				711	427				
5/23/2016						564	629	1060	683
7/11/2016	363		125						
7/12/2016		249		704	410	627	661	909	563
8/30/2016	330	254	168						
9/1/2016				763	484	656	769	1480	702
10/19/2016	380	357	176						
10/20/2016				644	393				
10/24/2016						836	643	868	647
12/6/2016	377	285	145	733	492				
12/7/2016						748	697	811	465
1/24/2017	342	300	129						
1/25/2017				744	461				
1/26/2017						571	368	846	411
3/21/2017	340	288	103	818	415				
3/22/2017						597	683	804	427
5/22/2017	338	263	92						
5/23/2017				765	450				
5/24/2017						566	696	803	377
10/3/2017	343	300	127	812	464	443	746	608	268
6/4/2018	415	266	140						
6/5/2018					459	489	679		528
6/6/2018				611				535	
10/1/2018	354	291	135						
10/2/2018				597	426		572		
10/3/2018						449		607	
10/5/2018									322
4/1/2019		284							
4/2/2019	452		133		428				
4/3/2019				543		483	525	462	
4/5/2019									331
9/23/2019	442	268	129						
9/24/2019				471.5 (D)					
9/25/2019					503				
9/26/2019									1010
9/27/2019						528	625 (D)	653	
3/25/2020	496	284	138						
3/26/2020								533	
3/27/2020				541	413				
3/30/2020									895
3/31/2020						565			
4/1/2020							290		
6/16/2020	632	448		573					
6/17/2020					423				
9/15/2020	265	258	124						
9/16/2020				552	392		490		
9/17/2020									
9/18/2020						626		704	
9/21/2020									732
11/10/2020									
12/15/2020									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWC-8	HGWC-7	HGWC-11	HGWC-10	HGWC-12	HGWC-13
1/19/2021									
3/10/2021	348								
3/11/2021		267	169						
3/12/2021							490		
3/15/2021				614	370				
3/16/2021						558		614	
3/17/2021									716
8/11/2021	366								
8/12/2021		265	118						
8/13/2021									
8/16/2021					407				
8/17/2021							496		
8/18/2021				620		566		600	
8/19/2021									726
2/1/2022	270	350	156						
2/9/2022						544	250	678	
2/10/2022				578	414				814
8/2/2022	400	287	196						
8/3/2022				648		572	433	650	958
8/4/2022									
8/11/2022					445				
1/23/2023		293							
1/24/2023	369		164						
1/26/2023						429		624	962
1/27/2023					473		188		
2/1/2023				528					
8/8/2023	457	285	189						
8/10/2023						438	504	683	
8/11/2023									
8/12/2023				564	378				803
2/13/2024	402	284	214						
2/14/2024				407	440				
2/15/2024						491	229	660	
2/16/2024									666
8/5/2024	444	304	217						
8/6/2024									
8/7/2024				469	417	437	501	642	
8/8/2024									544
2/12/2025	374	267							
2/13/2025						478		590	
2/14/2025			242				208		
2/15/2025				340					
2/16/2025					408				
2/17/2025									522
8/5/2025	416	265	160						
8/6/2025				333	407	379	280	581	
8/7/2025									
8/10/2025									473
2/3/2026	388	277	179						
2/5/2026				357	379	291	384	527	519
2/6/2026									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
5/19/2016			
5/20/2016			
5/23/2016	984		
7/11/2016			
7/12/2016	887		
8/30/2016			
9/1/2016	956		
10/19/2016			
10/20/2016	642		
10/24/2016			
12/6/2016	899		
12/7/2016			
1/24/2017			
1/25/2017			
1/26/2017	869		
3/21/2017			
3/22/2017	936		
5/22/2017			
5/23/2017	939		
5/24/2017			
10/3/2017	1040		
6/4/2018			
6/5/2018			
6/6/2018	810		
10/1/2018			
10/2/2018	693		
10/3/2018			
10/5/2018			
4/1/2019			
4/2/2019			
4/3/2019	673		
4/5/2019			
9/23/2019			
9/24/2019			
9/25/2019			
9/26/2019			
9/27/2019	730		
3/25/2020			
3/26/2020			
3/27/2020			
3/30/2020			
3/31/2020	1010		
4/1/2020			
6/16/2020			
6/17/2020			
9/15/2020			
9/16/2020		270	272
9/17/2020	680		
9/18/2020			
9/21/2020			
11/10/2020		287	307
12/15/2020		295	289

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/6/2026 1:51 PM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWA-44D (bg)	HGWA-43D (bg)
1/19/2021		278	270
3/10/2021		289	
3/11/2021			279
3/12/2021			
3/15/2021			
3/16/2021	672		
3/17/2021			
8/11/2021			277
8/12/2021			
8/13/2021		436	
8/16/2021			
8/17/2021	704		
8/18/2021			
8/19/2021			
2/1/2022		444	156
2/9/2022	756		
2/10/2022			
8/2/2022		311	278
8/3/2022			
8/4/2022	760		
8/11/2022			
1/23/2023			
1/24/2023		363	271
1/26/2023	745		
1/27/2023			
2/1/2023			
8/8/2023		361	274
8/10/2023			
8/11/2023	757		
8/12/2023			
2/13/2024		379	291
2/14/2024			
2/15/2024	663		
2/16/2024			
8/5/2024			
8/6/2024		380	283
8/7/2024	731		
8/8/2024			
2/12/2025		363	273
2/13/2025			
2/14/2025			
2/15/2025	628		
2/16/2025			
2/17/2025			
8/5/2025		370	282
8/6/2025			
8/7/2025	613		
8/10/2025			
2/3/2026		377	278
2/5/2026			
2/6/2026	616		

FIGURE E.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	**HGWA-2 (bg)**	**0.002273**	**194**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWA-43D (bg)**	**-0.00399**	**-69**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWA-44D (bg)**	**0.04456**	**67**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWC-12**	**-0.1593**	**-215**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWC-13**	**-0.1636**	**-226**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-2 (bg)**	**1.662**	**167**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-3 (bg)**	**1.591**	**162**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-44D (bg)**	**-5.357**	**-83**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWA-3 (bg)**	**-0.1449**	**-213**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWA-44D (bg)**	**5.149**	**63**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWC-9**	**-9.472**	**-246**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWA-2 (bg)**	**3.409**	**221**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWA-43D (bg)**	**-3.504**	**-93**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-8**	**-13.17**	**-160**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-9**	**-5.615**	**-164**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-10**	**-11.99**	**-174**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-11**	**-14.06**	**-147**	**-118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-12**	**-8.662**	**-129**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

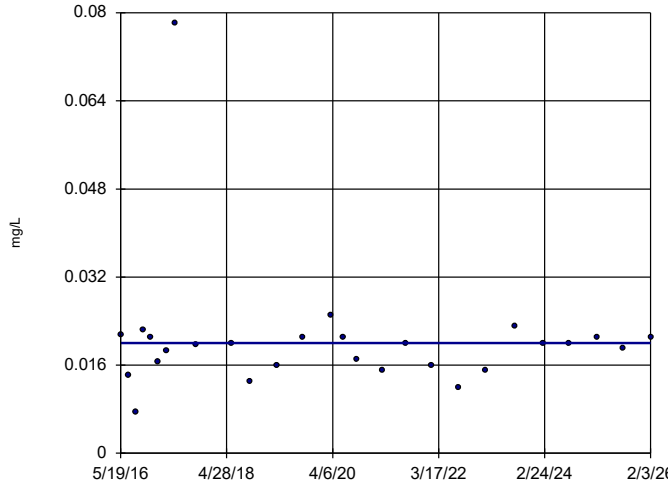
Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:57 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	HGWA-1 (bg)	0	5	124	No	27	0	n/a	0.01	NP
Boron (mg/L)	**HGWA-2 (bg)**	**0.002273**	**194**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWA-3 (bg)	0.0002145	53	124	No	27	22.22	n/a	0.01	NP
Boron (mg/L)	**HGWA-43D (bg)**	**-0.00399**	**-69**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWA-44D (bg)**	**0.04456**	**67**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWC-7	0.00158	15	124	No	27	0	n/a	0.01	NP
Boron (mg/L)	HGWC-8	-0.06124	-122	-124	No	27	0	n/a	0.01	NP
Boron (mg/L)	HGWC-9	0.007846	42	118	No	26	0	n/a	0.01	NP
Boron (mg/L)	**HGWC-12**	**-0.1593**	**-215**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	**HGWC-13**	**-0.1636**	**-226**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWA-1 (bg)	1.955	121	124	No	27	0	n/a	0.01	NP
Calcium (mg/L)	**HGWA-2 (bg)**	**1.662**	**167**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**HGWA-3 (bg)**	**1.591**	**162**	**124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWA-43D (bg)	-0.7916	-23	-53	No	15	0	n/a	0.01	NP
Calcium (mg/L)	**HGWA-44D (bg)**	**-5.357**	**-83**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWC-9	-1.195	-62	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWC-12	-2.999	-95	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-1 (bg)	0.4303	76	124	No	27	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-2 (bg)	0.1797	104	118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**HGWA-3 (bg)**	**-0.1449**	**-213**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	HGWA-43D (bg)	-0.05863	-29	-53	No	15	0	n/a	0.01	NP
Chloride (mg/L)	**HGWA-44D (bg)**	**5.149**	**63**	**53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWC-9**	**-9.472**	**-246**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-1 (bg)	0.01199	2	124	No	27	0	n/a	0.01	NP
Sulfate (mg/L)	**HGWA-2 (bg)**	**3.409**	**221**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-3 (bg)	-1.363	-103	-124	No	27	0	n/a	0.01	NP
Sulfate (mg/L)	**HGWA-43D (bg)**	**-3.504**	**-93**	**-53**	**Yes**	**15**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-44D (bg)	-1.49	-43	-53	No	15	6.667	n/a	0.01	NP
Sulfate (mg/L)	**HGWC-8**	**-13.17**	**-160**	**-124**	**Yes**	**27**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-9**	**-5.615**	**-164**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-10**	**-11.99**	**-174**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-11**	**-14.06**	**-147**	**-118**	**Yes**	**26**	**3.846**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-12**	**-8.662**	**-129**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWC-13	8.413	45	118	No	26	0	n/a	0.01	NP

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Sen's Slope Estimator

HGWA-1 (bg)



n = 27

Slope = 0 units per year.

Mann-Kendall statistic = 5
critical = 124

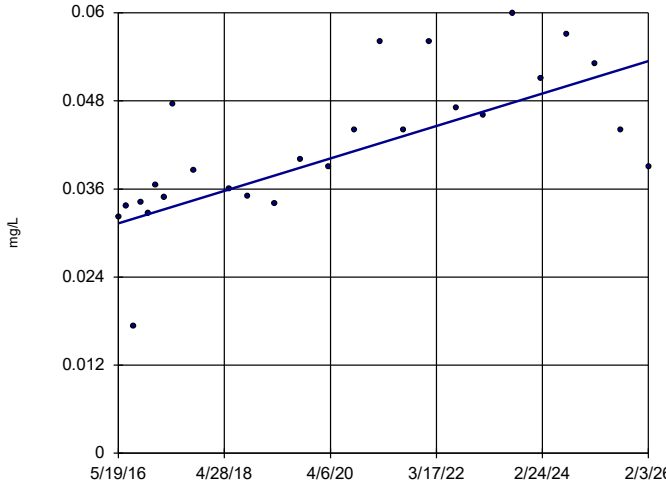
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-2 (bg)



n = 26

Slope = 0.002273 units per year.

Mann-Kendall statistic = 194
critical = 118

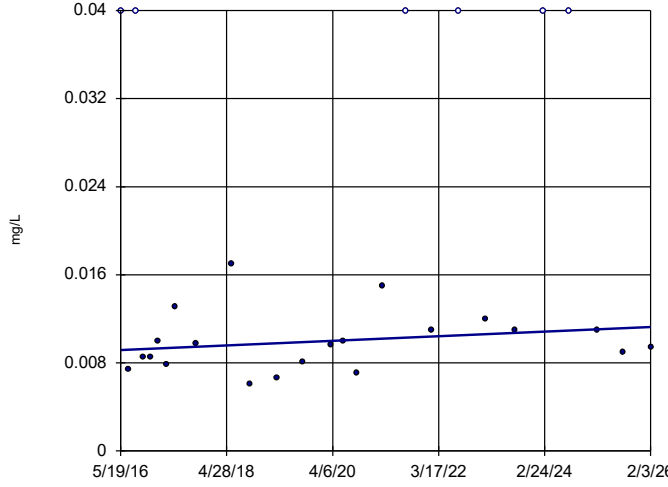
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-3 (bg)



n = 27

Slope = 0.0002145 units per year.

Mann-Kendall statistic = 53
critical = 124

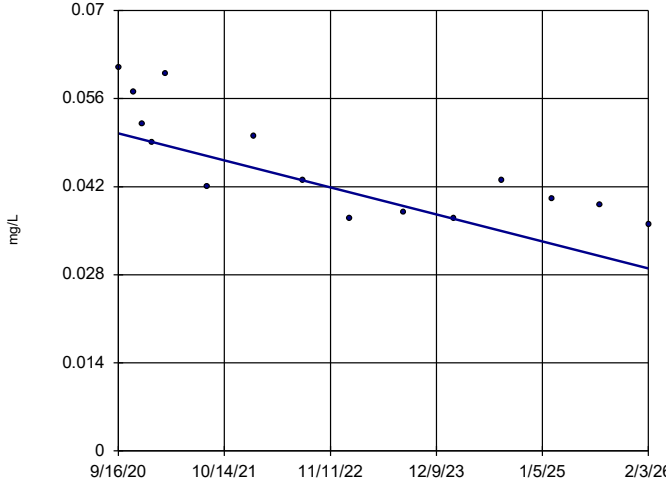
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-43D (bg)



n = 15

Slope = -0.00399 units per year.

Mann-Kendall statistic = -69
critical = -53

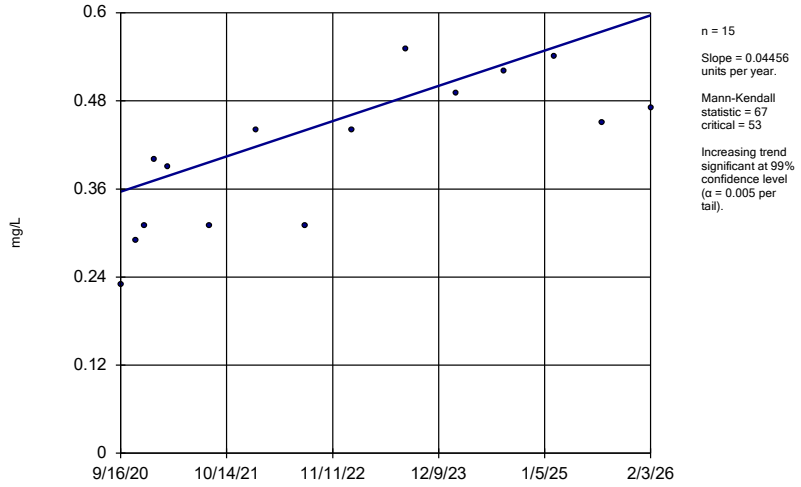
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-44D (bg)



n = 15

Slope = 0.04456 units per year.

Mann-Kendall statistic = 67 critical = 53

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

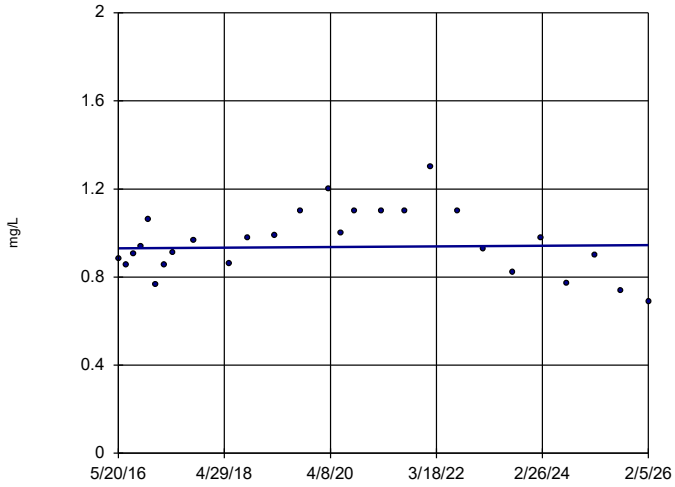
Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-7



n = 27

Slope = 0.00158 units per year.

Mann-Kendall statistic = 15 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

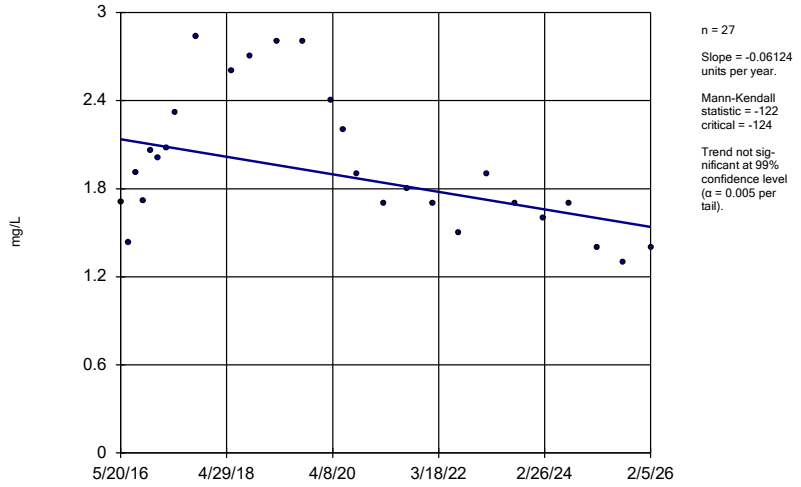
Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-8



n = 27

Slope = -0.06124 units per year.

Mann-Kendall statistic = -122 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

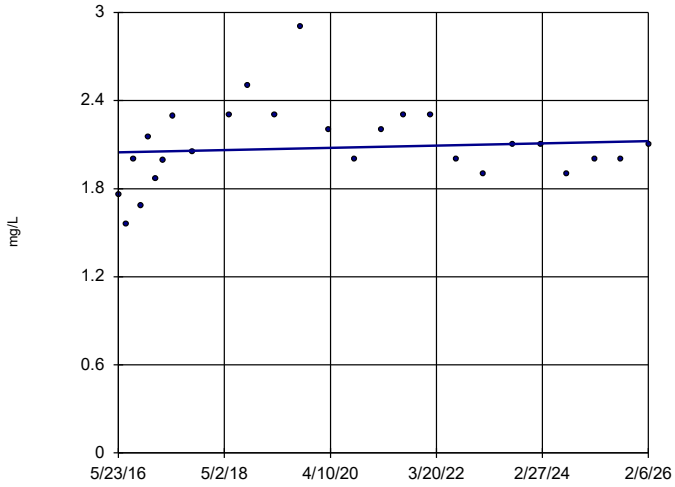
Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-9



n = 26

Slope = 0.007846 units per year.

Mann-Kendall statistic = 42 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

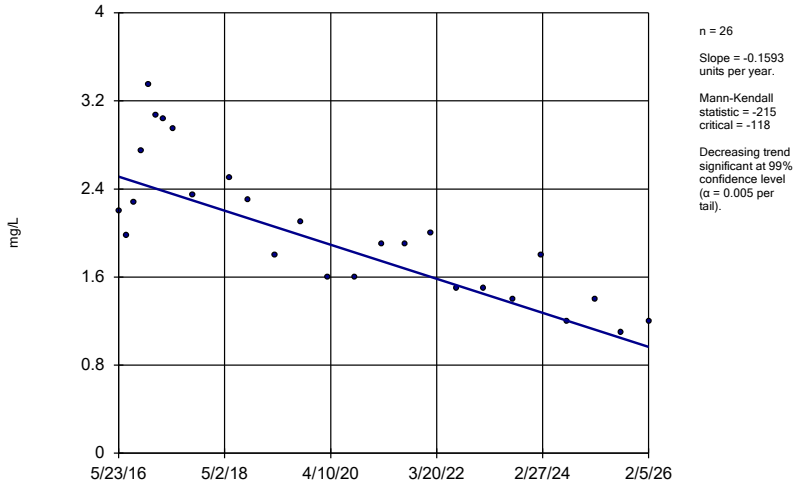
Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-12



n = 26

Slope = -0.1593 units per year.

Mann-Kendall statistic = -215 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

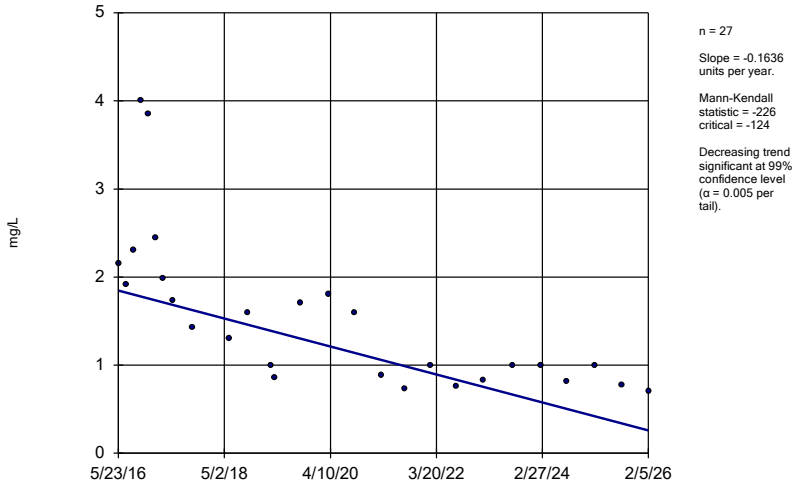
Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-13



n = 27

Slope = -0.1636 units per year.

Mann-Kendall statistic = -226 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

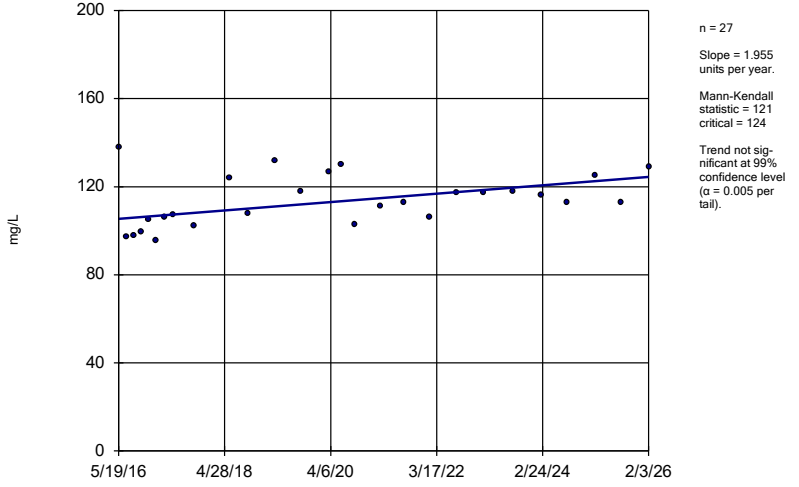
Constituent: Boron Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-1 (bg)



n = 27

Slope = 1.955 units per year.

Mann-Kendall statistic = 121 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

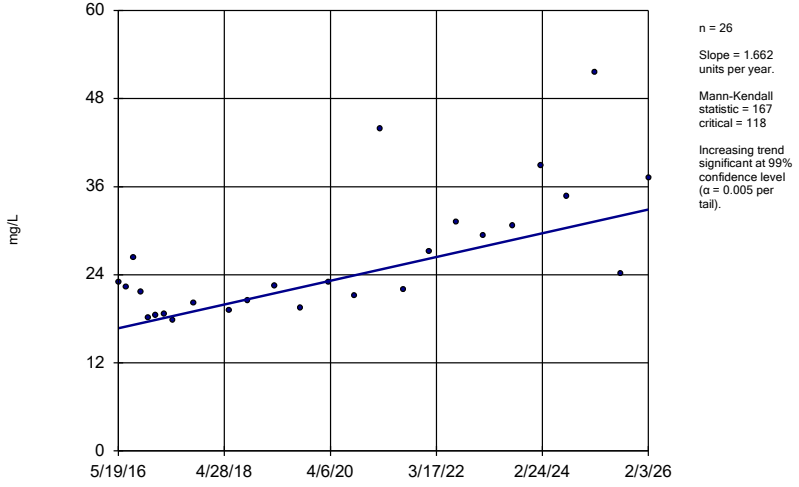
Constituent: Calcium Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-2 (bg)



n = 26

Slope = 1.662 units per year.

Mann-Kendall statistic = 167 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

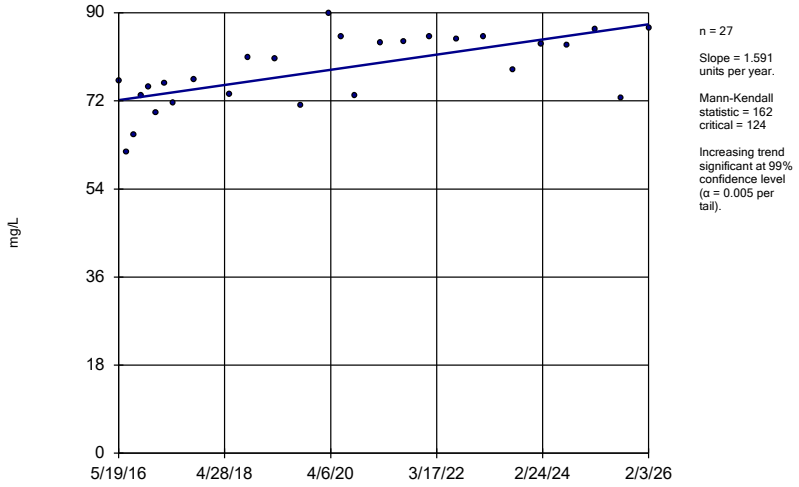
Constituent: Calcium Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-3 (bg)



n = 27

Slope = 1.591 units per year.

Mann-Kendall statistic = 162 critical = 124

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

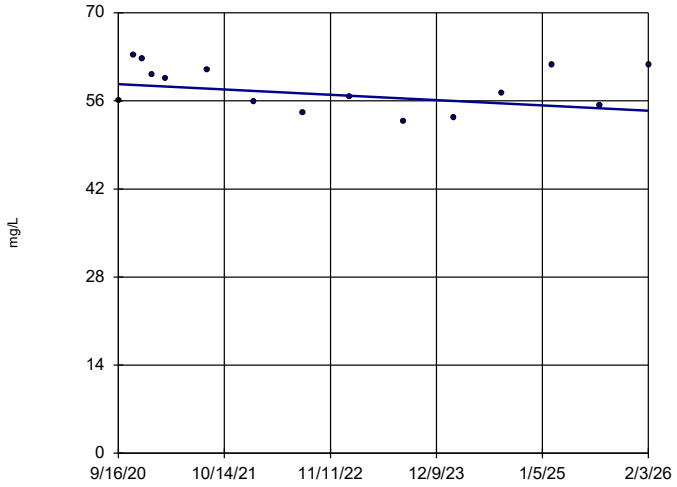
Constituent: Calcium Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-43D (bg)



n = 15

Slope = -0.7916 units per year.

Mann-Kendall statistic = -23 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

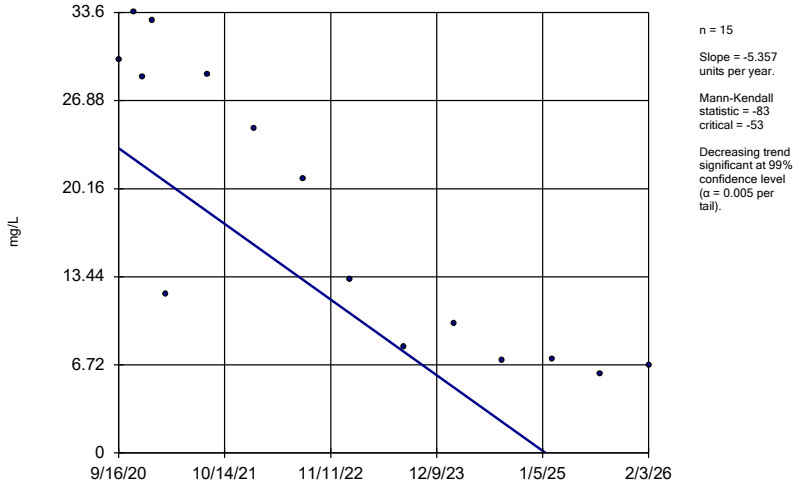
Constituent: Calcium Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-44D (bg)



n = 15

Slope = -5.357 units per year.

Mann-Kendall statistic = -83 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

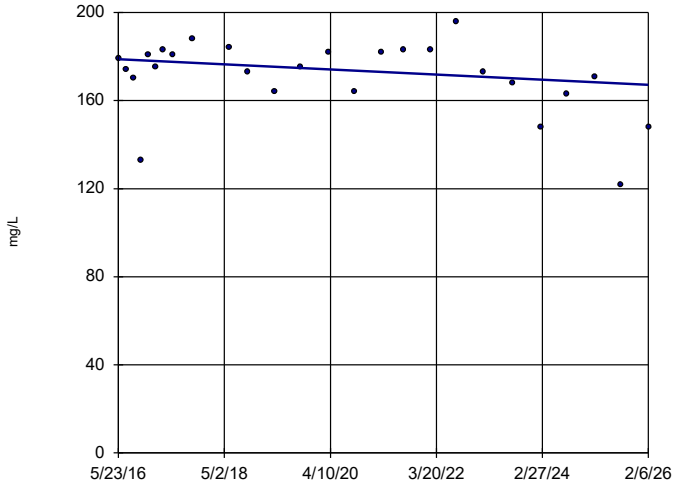
Constituent: Calcium Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-9



n = 26

Slope = -1.195 units per year.

Mann-Kendall statistic = -62 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

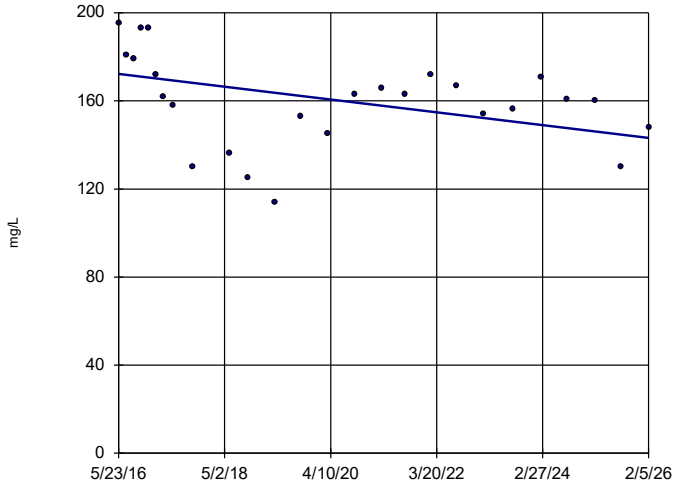
Constituent: Calcium Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-12



n = 26

Slope = -2.999 units per year.

Mann-Kendall statistic = -95 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

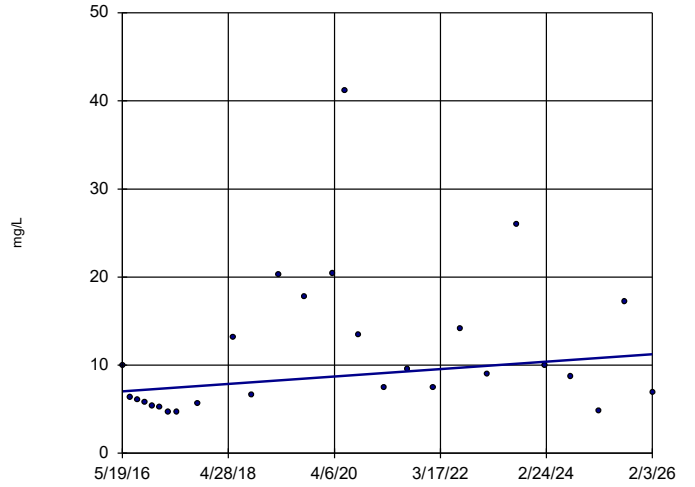
Constituent: Calcium Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-1 (bg)



n = 27

Slope = 0.4303 units per year.

Mann-Kendall statistic = 76 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

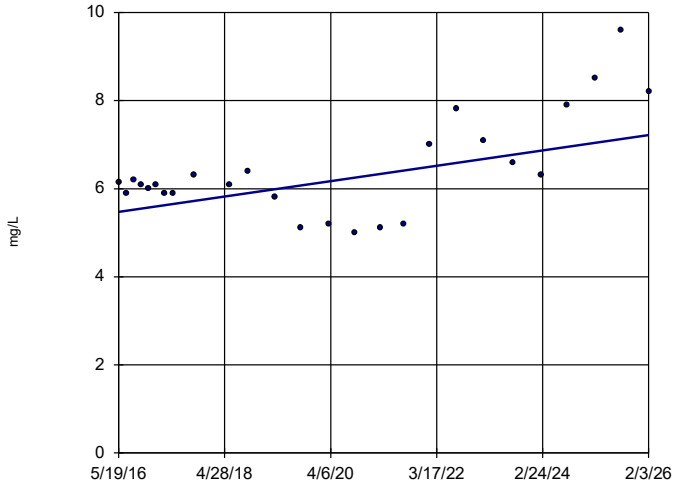
Constituent: Chloride Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-2 (bg)



n = 26

Slope = 0.1797 units per year.

Mann-Kendall statistic = 104 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

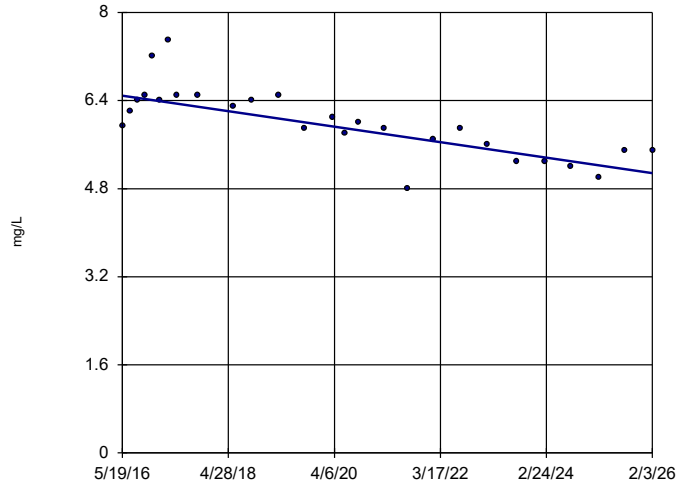
Constituent: Chloride Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-3 (bg)



n = 27

Slope = -0.1449 units per year.

Mann-Kendall statistic = -213 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

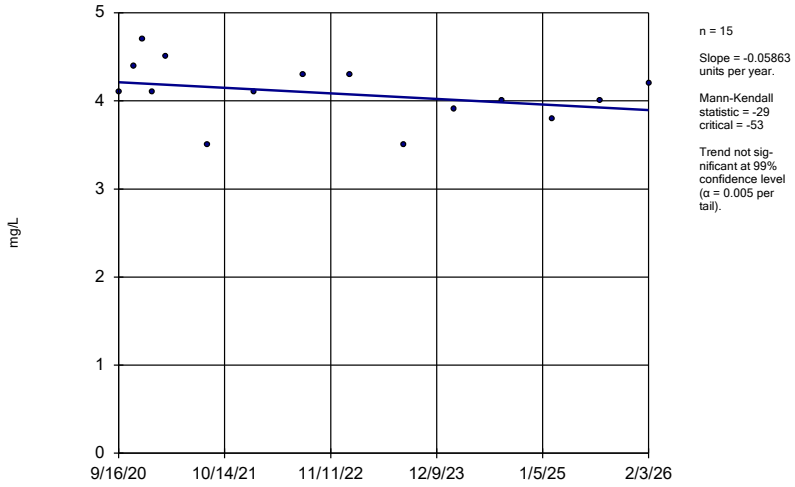
Constituent: Chloride Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

HGWA-43D (bg)



n = 15

Slope = -0.05863 units per year.

Mann-Kendall statistic = -29
critical = -53

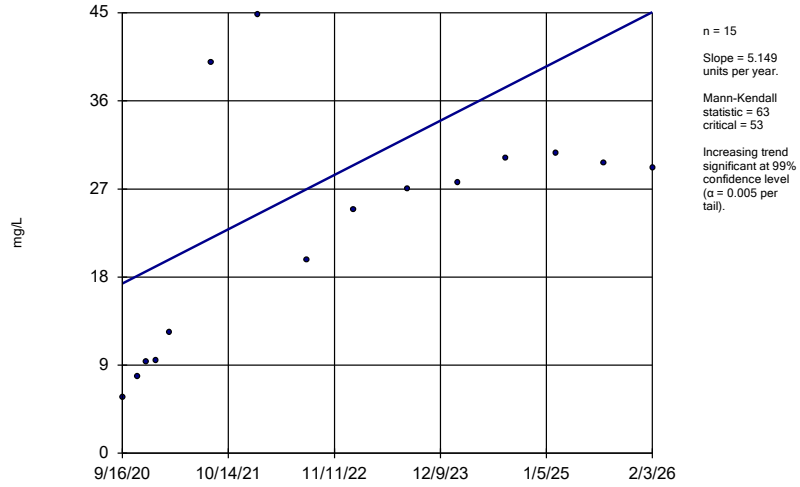
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-44D (bg)



n = 15

Slope = 5.149 units per year.

Mann-Kendall statistic = 63
critical = 53

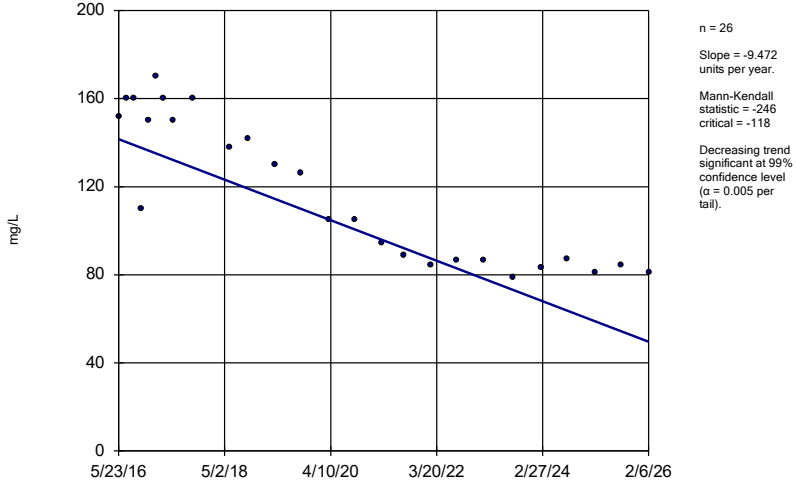
Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-9



n = 26

Slope = -9.472 units per year.

Mann-Kendall statistic = -246
critical = -118

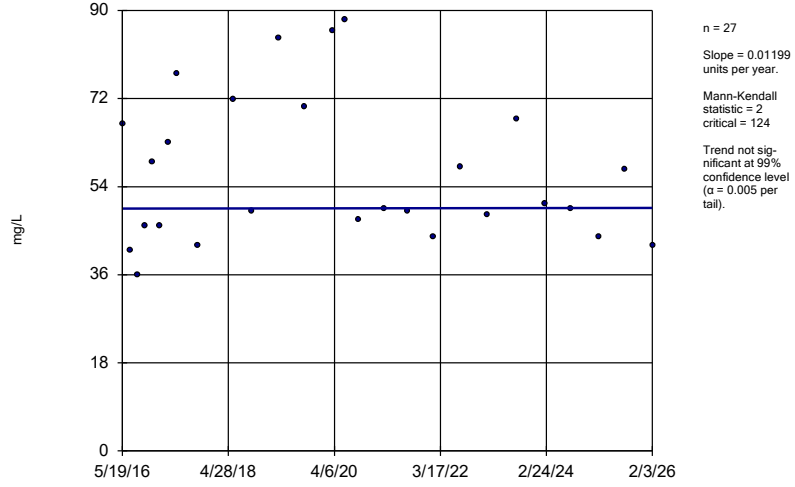
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-1 (bg)



n = 27

Slope = 0.01199 units per year.

Mann-Kendall statistic = 2
critical = 124

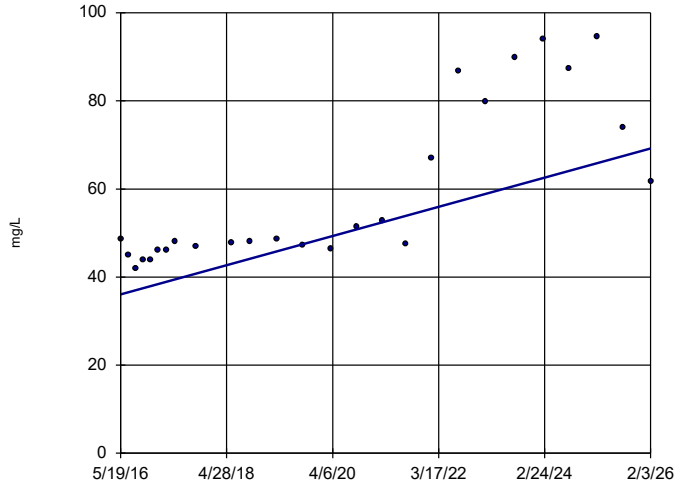
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-2 (bg)



n = 26

Slope = 3.409 units per year.

Mann-Kendall statistic = 221 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

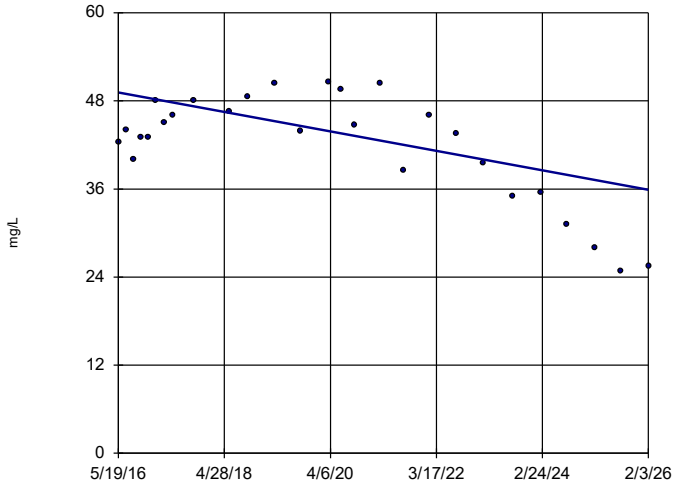
Constituent: Sulfate Analysis Run 4/6/2026 1:52 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-3 (bg)



n = 27

Slope = -1.363 units per year.

Mann-Kendall statistic = -103 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

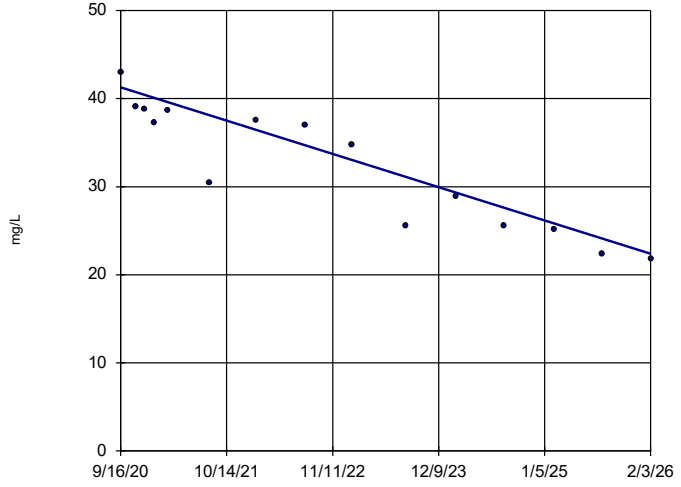
Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWA-43D (bg)



n = 15

Slope = -3.504 units per year.

Mann-Kendall statistic = -93 critical = -53

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test

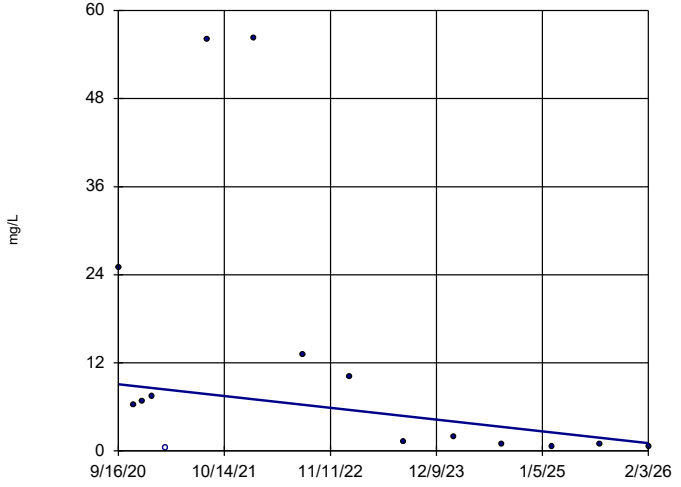
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-44D (bg)



n = 15

Slope = -1.49 units per year.

Mann-Kendall statistic = -43 critical = -53

Trend not significant at 99% confidence level (α = 0.005 per tail).

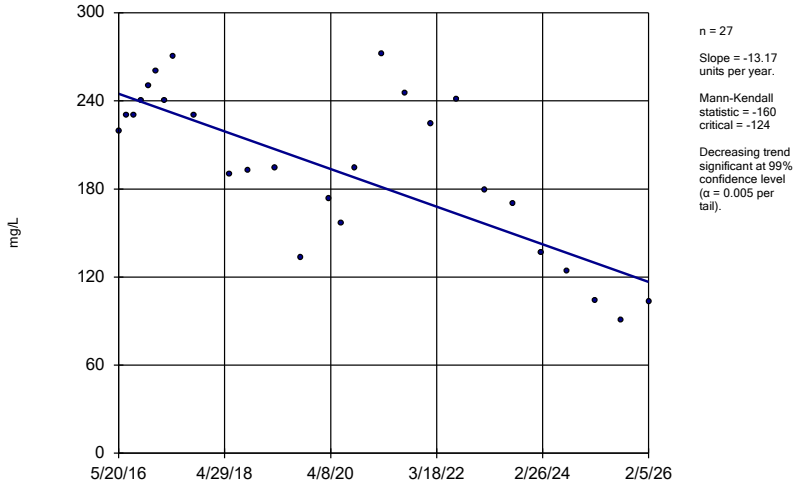
Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-8



n = 27

Slope = -13.17 units per year.

Mann-Kendall statistic = -160
critical = -124

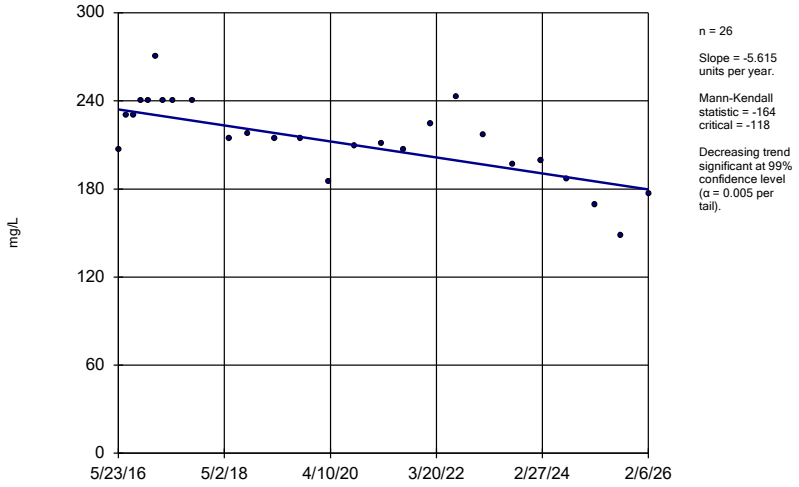
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-9



n = 26

Slope = -5.615 units per year.

Mann-Kendall statistic = -164
critical = -118

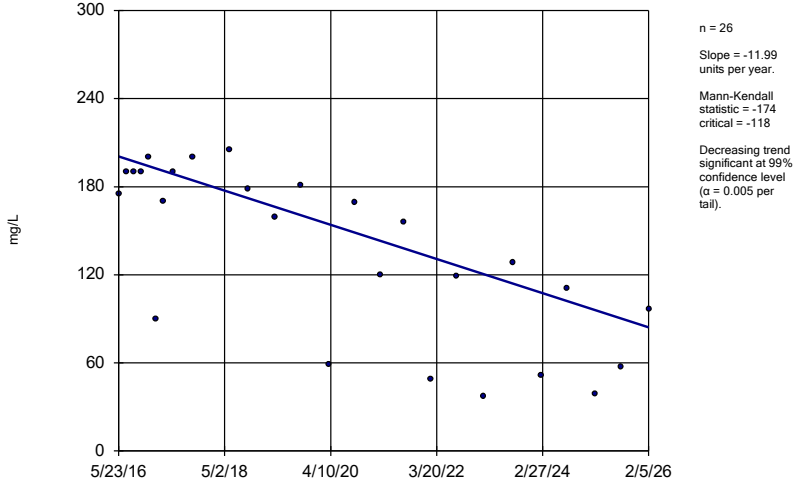
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-10



n = 26

Slope = -11.99 units per year.

Mann-Kendall statistic = -174
critical = -118

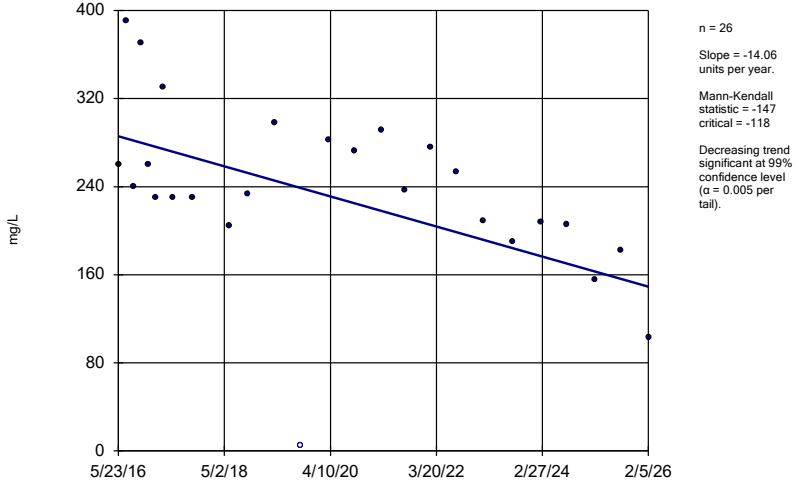
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWC-11



n = 26

Slope = -14.06 units per year.

Mann-Kendall statistic = -147
critical = -118

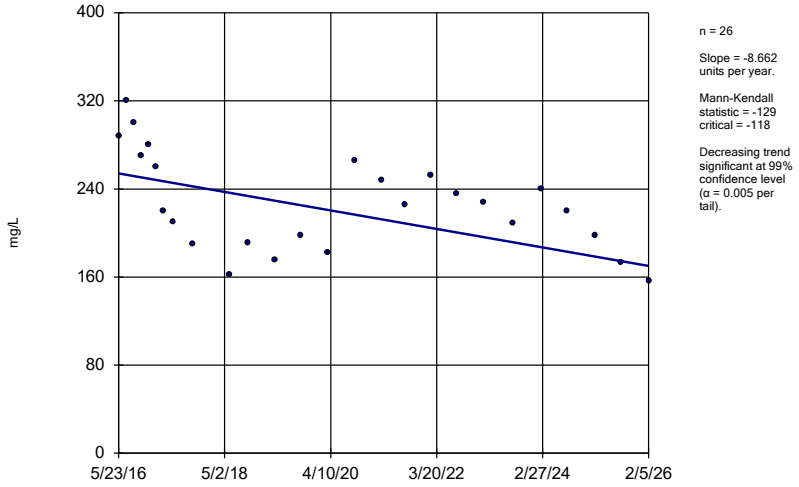
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-12



n = 26

Slope = -8.662 units per year.

Mann-Kendall statistic = -129 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

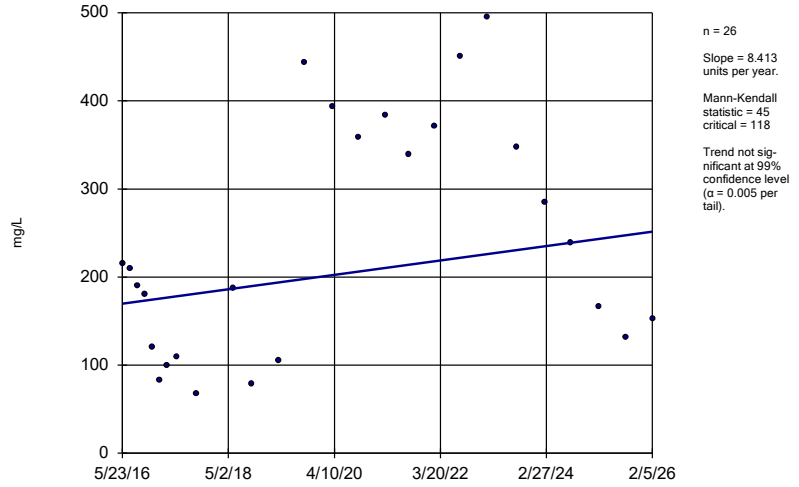
Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-13



n = 26

Slope = 8.413 units per year.

Mann-Kendall statistic = 45 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/6/2026 1:53 PM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

FIGURE F.

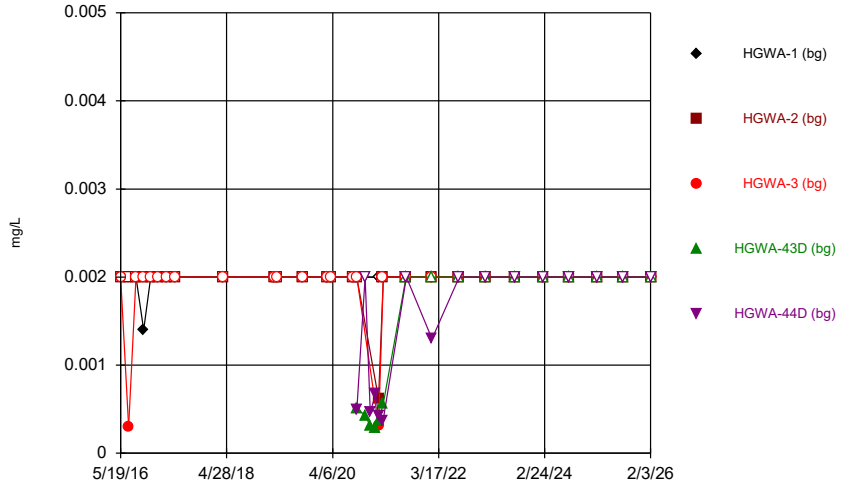
Upper Tolerance Limits Summary Table

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 1:59 PM

Constituent	Upper Lim.	Bg N	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.002	116	86.21	n/a	n/a	0.002606	NP Inter(NDs)
Arsenic (mg/L)	0.0036	122	70.49	n/a	n/a	0.001915	NP Inter(NDs)
Barium (mg/L)	0.46	122	0	n/a	n/a	0.001915	NP Inter(normality)
Beryllium (mg/L)	0.0004	116	79.31	n/a	n/a	0.002606	NP Inter(NDs)
Cadmium (mg/L)	0.0005	122	84.43	n/a	n/a	0.001915	NP Inter(NDs)
Chromium (mg/L)	0.0079	116	85.34	n/a	n/a	0.002606	NP Inter(NDs)
Cobalt (mg/L)	0.038	122	71.31	n/a	n/a	0.001915	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.582	122	0	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	1.5	127	25.2	n/a	n/a	0.001482	NP Inter(normality)
Lead (mg/L)	0.001	116	75	n/a	n/a	0.002606	NP Inter(NDs)
Lithium (mg/L)	0.064	116	17.24	n/a	n/a	0.002606	NP Inter(normality)
Mercury (mg/L)	0.0002	99	97.98	n/a	n/a	0.006232	NP Inter(NDs)
Molybdenum (mg/L)	0.01	124	79.03	n/a	n/a	0.001729	NP Inter(NDs)
Selenium (mg/L)	0.005	122	95.08	n/a	n/a	0.001915	NP Inter(NDs)
Thallium (mg/L)	0.0005	122	99.18	n/a	n/a	0.001915	NP Inter(NDs)

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Hollow symbols indicate censored values.

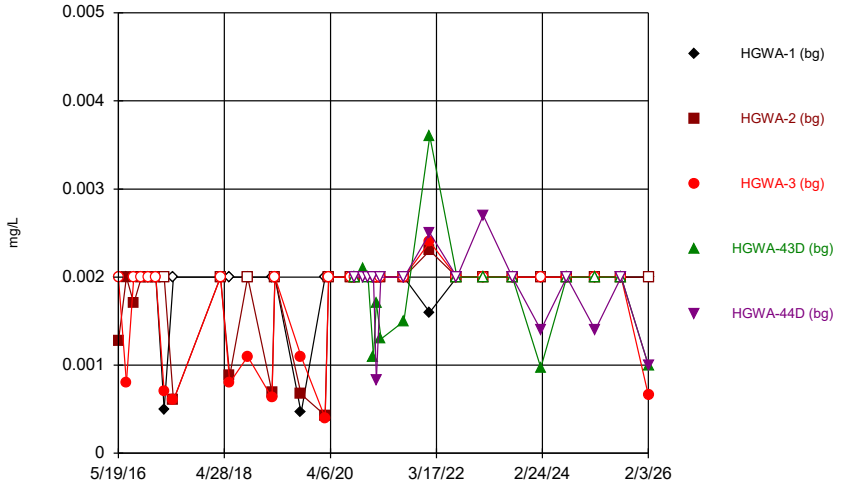
Time Series



Constituent: Antimony Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

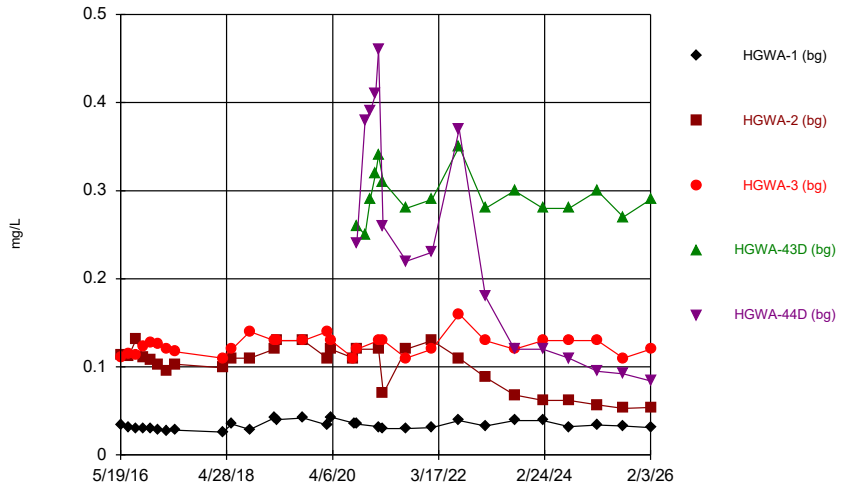
Time Series



Constituent: Arsenic Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

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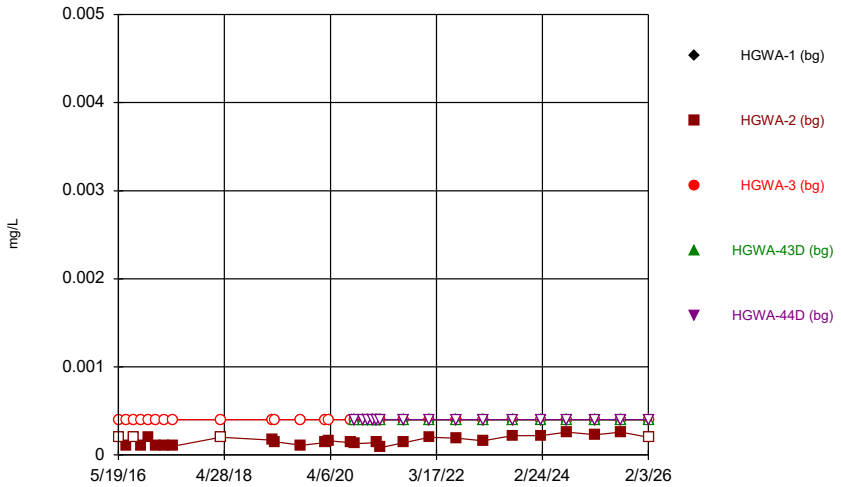
Time Series



Constituent: Barium Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

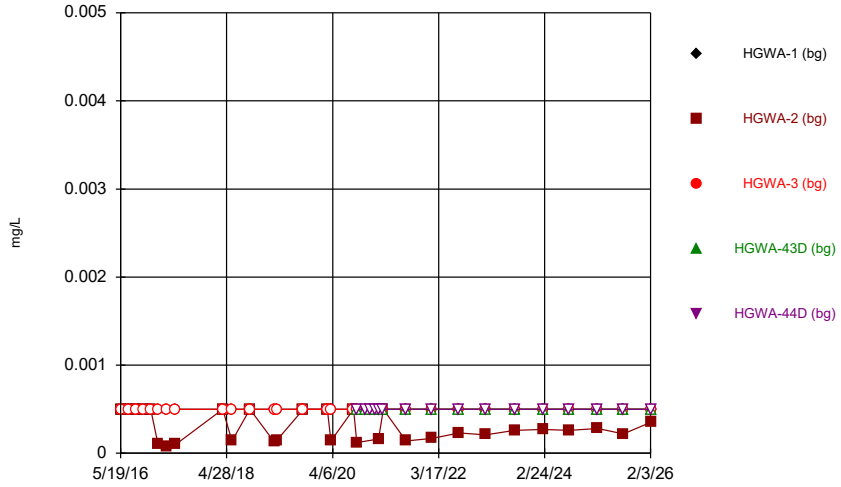
Time Series



Constituent: Beryllium Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

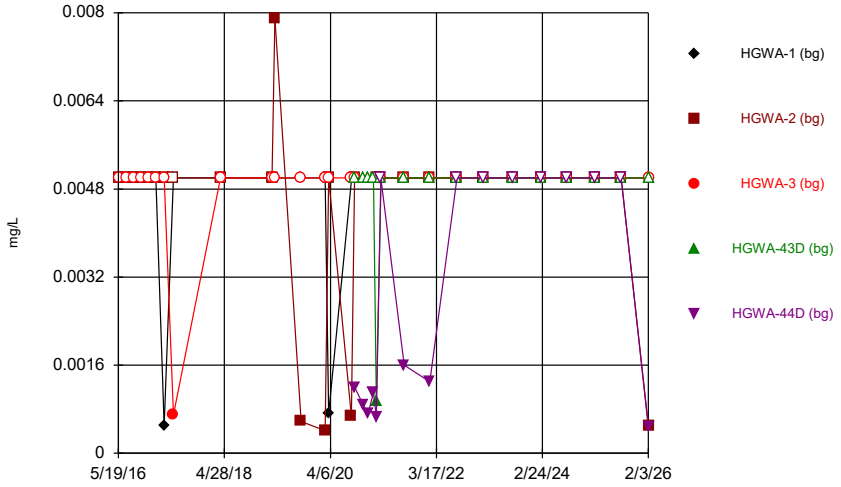
Time Series



Constituent: Cadmium Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

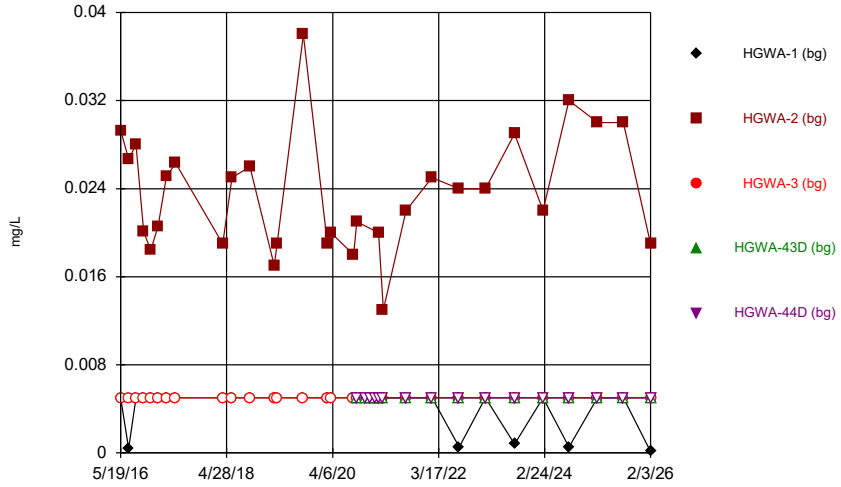
Time Series



Constituent: Chromium Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

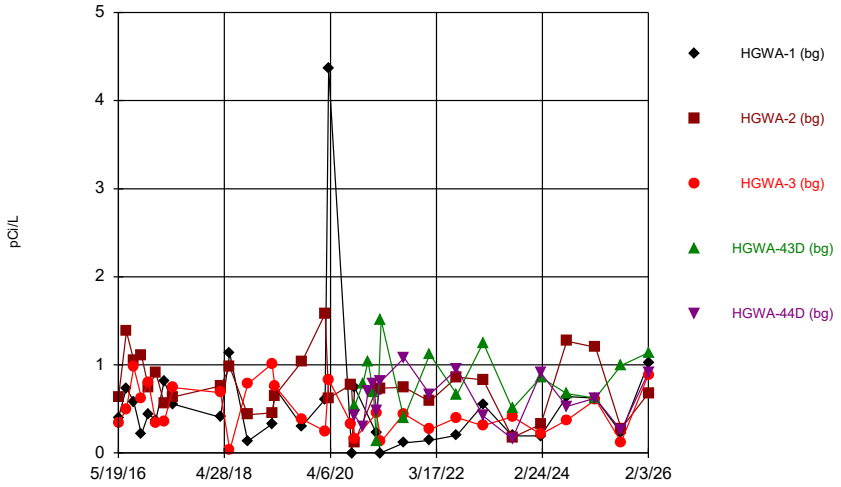
Time Series



Constituent: Cobalt Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

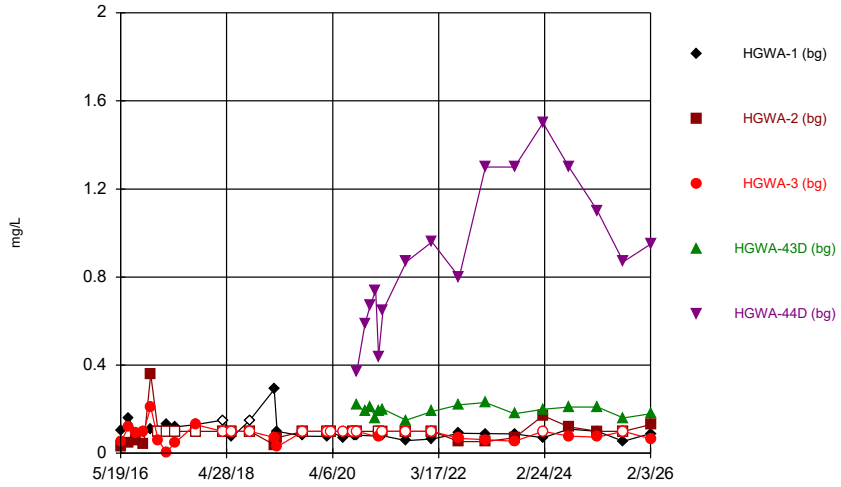
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

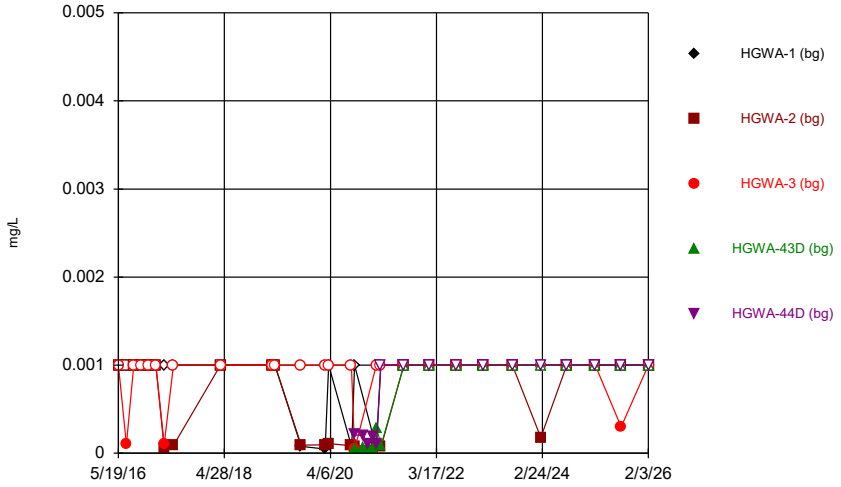
Time Series



Constituent: Fluoride Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

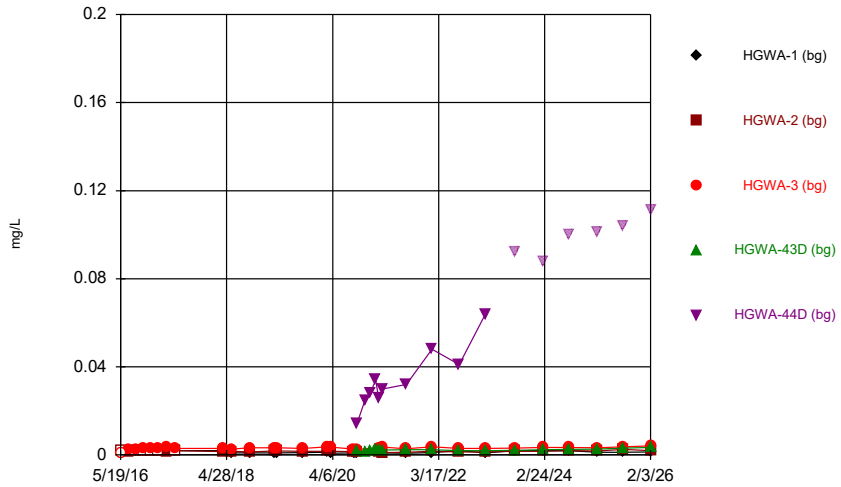
Time Series



Constituent: Lead Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

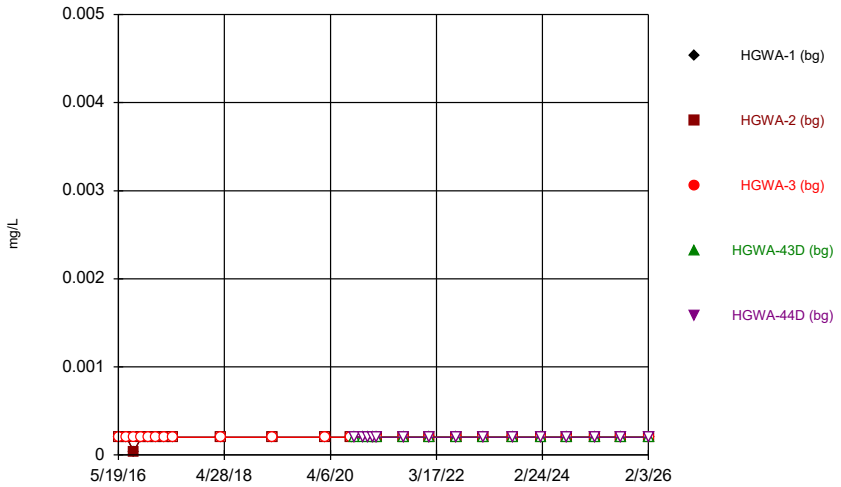
Time Series



Constituent: Lithium Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

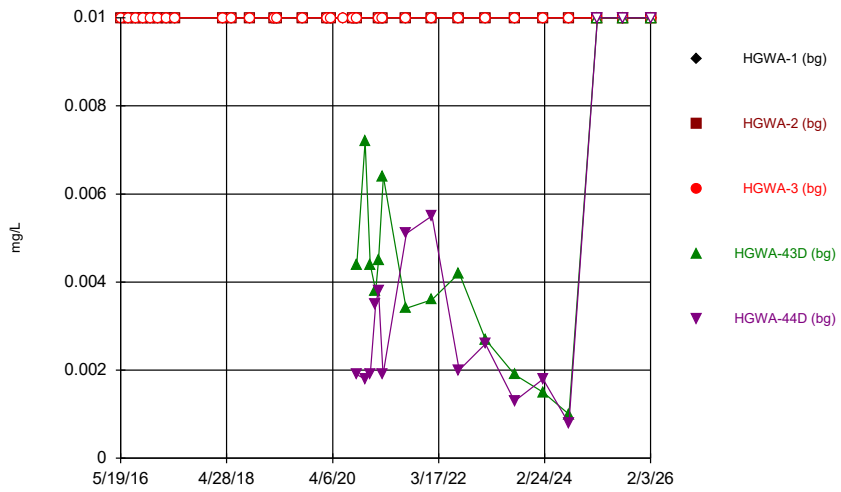
Time Series



Constituent: Mercury Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

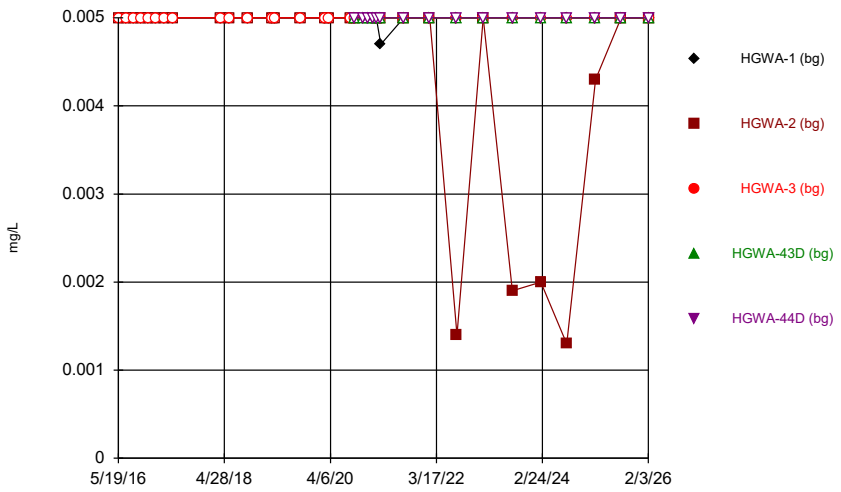
Time Series



Constituent: Molybdenum Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

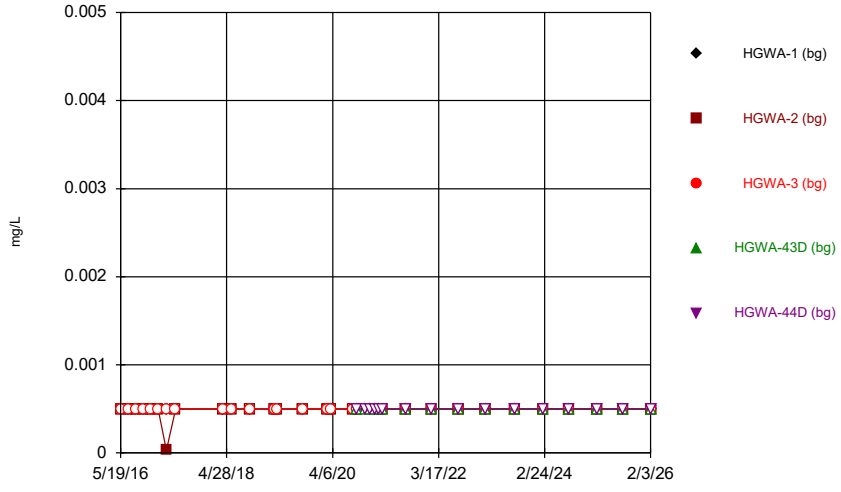
Time Series



Constituent: Selenium Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Time Series

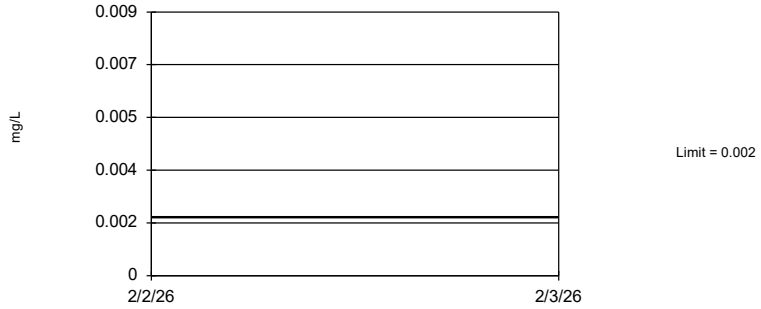


Constituent: Thallium Analysis Run 4/6/2026 1:57 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 116 background values. 86.21% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.002606.

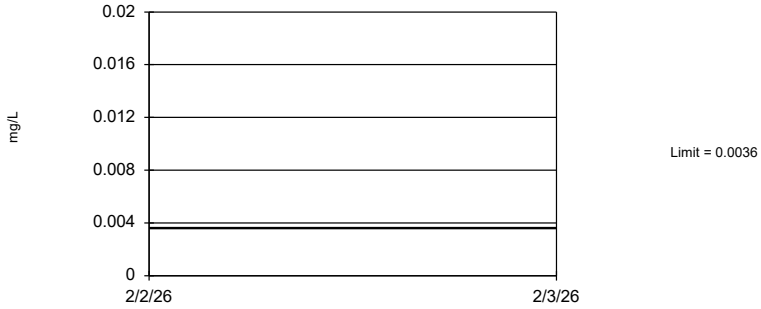
Constituent: Antimony Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 122 background values. 70.49% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001915.

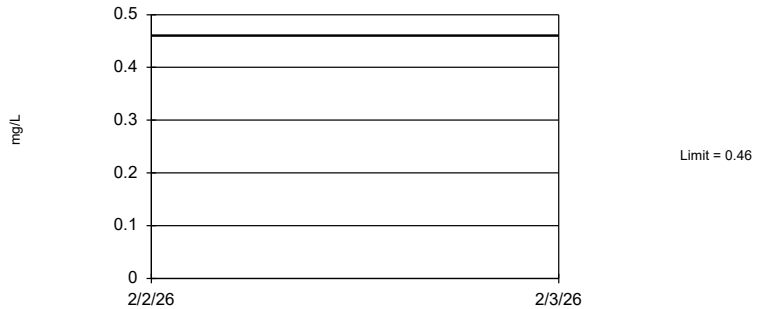
Constituent: Arsenic Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 122 background values. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001915.

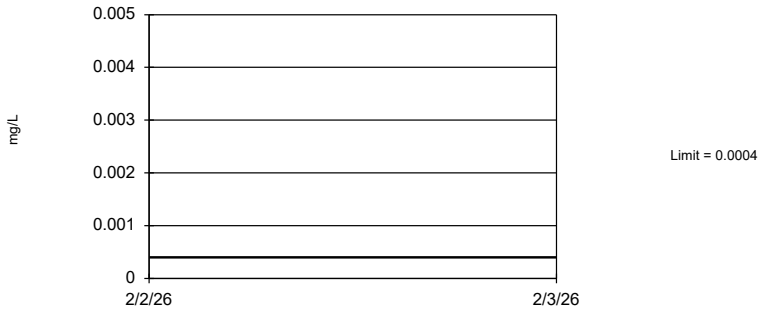
Constituent: Barium Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 116 background values. 79.31% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.002606.

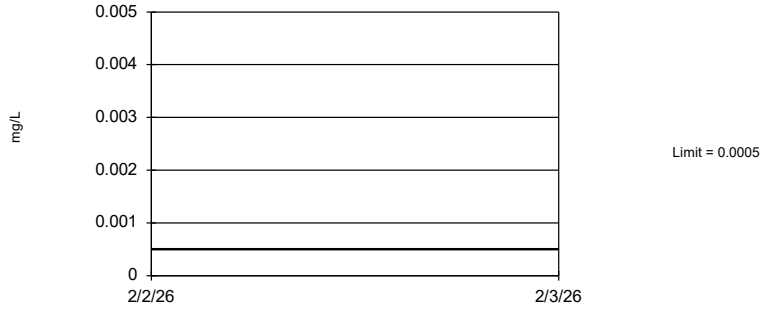
Constituent: Beryllium Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 122 background values. 84.43% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001915.

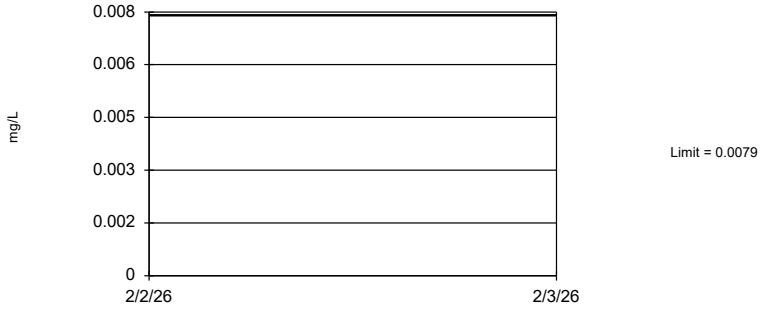
Constituent: Cadmium Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 116 background values. 85.34% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.002606.

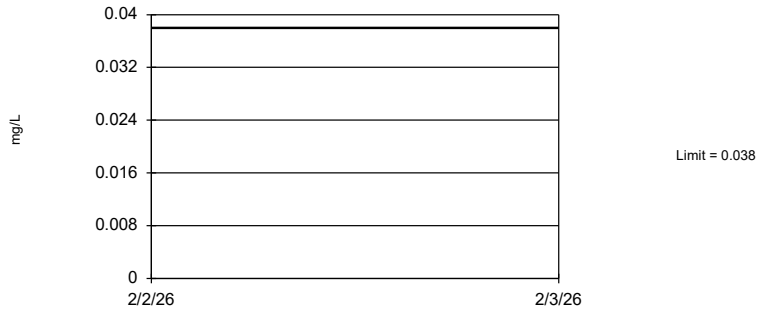
Constituent: Chromium Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 122 background values. 71.31% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001915.

Constituent: Cobalt Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Parametric



95% coverage. Background Data Summary (based on square root transformation): Mean=0.7499, Std. Dev.=0.2681, n=122. Normality test: Chi Squared @alpha = 0.01, calculated = 10.3, critical = 14.07. Report alpha = 0.05.

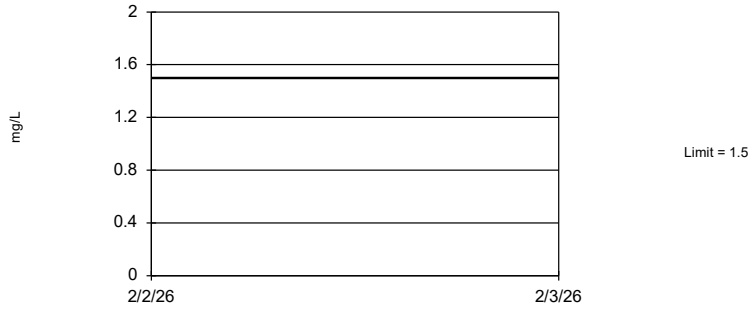
Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 127 background values. 25.2% NDs. 96.29% coverage at alpha=0.01; 97.85% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001482.

Constituent: Fluoride Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 116 background values. 75% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.002606.

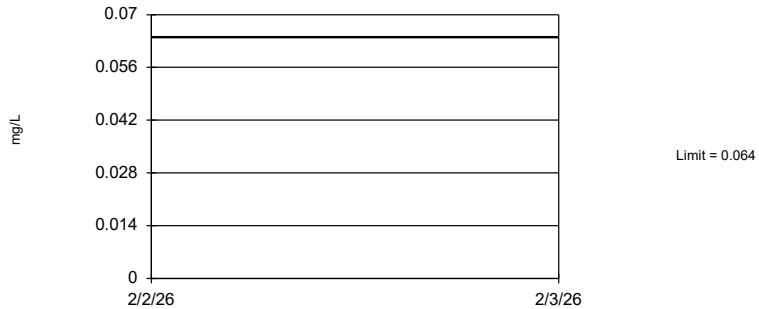
Constituent: Lead Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 116 background values. 17.24% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.002606.

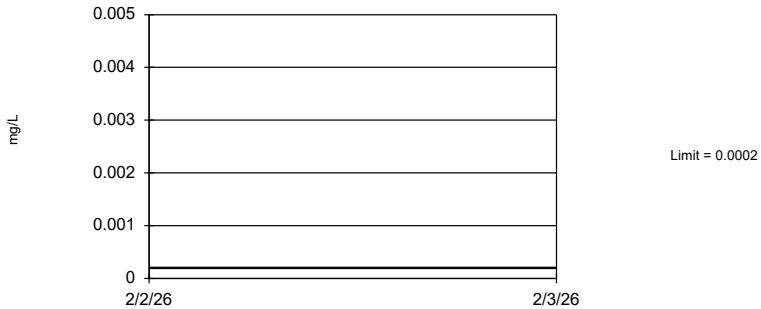
Constituent: Lithium Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 99 background values. 97.98% NDs. 95.51% coverage at alpha=0.01; 97.07% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.006232.

Constituent: Mercury Analysis Run 4/6/2026 1:58 PM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 124 background values. 79.03% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001729.

Constituent: Molybdenum Analysis Run 4/6/2026 1:58 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



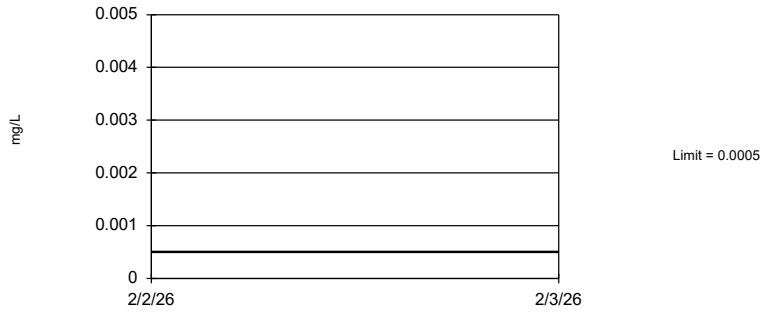
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 122 background values. 95.08% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001915.

Constituent: Selenium Analysis Run 4/6/2026 1:58 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 122 background values. 99.18% NDs. 96.29% coverage at alpha=0.01; 97.46% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.001915.

Constituent: Thallium Analysis Run 4/6/2026 1:58 PM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP-1

FIGURE G.

PLANT HAMMOND AP-1 GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.002	0.006
Arsenic, Total (mg/L)	0.01		0.0036	0.01
Barium, Total (mg/L)	2		0.46	2
Beryllium, Total (mg/L)	0.004		0.0004	0.004
Cadmium, Total (mg/L)	0.005		0.0005	0.005
Chromium, Total (mg/L)	0.1		0.0079	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.038	0.038
Combined Radium, Total (pCi/L)	5		1.58	5
Fluoride, Total (mg/L)	4		1.5	4
Lead, Total (mg/L)	n/a	0.015	0.001	0.015
Lithium, Total (mg/L)	n/a	0.04	0.064	0.064
Mercury, Total (mg/L)	0.002		0.0002	0.002
Molybdenum, Total (mg/L)	n/a	0.1	0.01	0.1
Selenium, Total (mg/L)	0.05		0.005	0.05
Thallium, Total (mg/L)	0.002		0.0005	0.002

**Gray cell indicates background is higher than MCL or CCR-Rule*

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

**GWPS = Groundwater Protection Statard*

FIGURE H.

Appendix IV Confidence Intervals - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Arsenic (mg/L)	**HGWC-13**	**0.4474**	**0.3802**	**0.01**	**Yes**	**29**	**0.4138**	**0.07333**	**0**	**None**	**No**	**0.01**	**Param.**
Molybdenum (mg/L)	**HGWC-8**	**0.4619**	**0.3733**	**0.1**	**Yes**	**30**	**0.4019**	**0.1236**	**0**	**None**	**x^2**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	HGWC-7	0.002	0.0017	0.006	No	27	0.001927	0.0003224	92.59	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-8	0.002	0.00064	0.006	No	27	0.00195	0.0002617	96.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-9	0.002	0.00092	0.006	No	27	0.001781	0.0005427	85.19	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-10	0.002	0.0018	0.006	No	27	0.001943	0.0002612	92.59	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-11	0.002	0.00038	0.006	No	27	0.00194	0.0003118	96.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-13	0.002	0.00061	0.006	No	27	0.001583	0.0007221	74.07	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-24D	0.002	0.0017	0.006	No	18	0.001846	0.0004026	83.33	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-27D	0.002	0.00031	0.006	No	18	0.001434	0.0008241	66.67	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-7	0.002	0.0019	0.01	No	29	0.001997	0.00001857	96.55	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-8	0.002	0.002	0.01	No	29	0.002	1.8e-11	96.55	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-9	0.002	0.0008	0.01	No	29	0.001815	0.0004858	82.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-10	0.002	0.00044	0.01	No	29	0.001946	0.0002897	96.55	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-11	0.0022	0.0018	0.01	No	29	0.002028	0.0009307	51.72	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-12	0.004174	0.003047	0.01	No	29	0.00361	0.00123	10.34	None	No	0.01	Param.
Arsenic (mg/L)	**HGWC-13**	**0.4474**	**0.3802**	**0.01**	**Yes**	**29**	**0.4138**	**0.07333**	**0**	**None**	**No**	**0.01**	**Param.**
Arsenic (mg/L)	MW-19	0.002	0.00045	0.01	No	18	0.001914	0.0003653	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-20	0.0023	0.00094	0.01	No	18	0.001787	0.0005491	77.78	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-24D	0.002	0.00046	0.01	No	18	0.001914	0.000363	94.44	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-27D	0.005	0.001	0.01	No	18	0.003824	0.001961	72.22	None	No	0.01	NP (NDs)
Barium (mg/L)	HGWC-7	0.07592	0.06891	2	No	29	0.07241	0.007646	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-8	0.06973	0.05779	2	No	29	0.06376	0.01303	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-9	0.1113	0.08817	2	No	29	0.09974	0.02527	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-10	0.07889	0.06023	2	No	29	0.06956	0.02036	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-11	0.0457	0.03194	2	No	29	0.04039	0.01773	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	HGWC-12	0.1027	0.08105	2	No	29	0.09186	0.0236	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-13	0.0819	0.06283	2	No	29	0.07237	0.02082	0	None	No	0.01	Param.
Barium (mg/L)	MW-19	0.05488	0.03923	2	No	18	0.04706	0.01294	0	None	No	0.01	Param.
Barium (mg/L)	MW-20	0.09504	0.08829	2	No	18	0.09167	0.005584	0	None	No	0.01	Param.
Barium (mg/L)	MW-24D	0.056	0.043	2	No	18	0.05544	0.01894	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-27D	1.078	0.7363	2	No	18	0.9072	0.2826	0	None	No	0.01	Param.
Beryllium (mg/L)	HGWC-7	0.0004	0.00019	0.004	No	27	0.0003684	0.00009267	88.89	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-8	0.0004	0.000087	0.004	No	27	0.0002927	0.0001515	62.96	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-11	0.0004	0.00015	0.004	No	27	0.0003136	0.000137	70.37	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-13	0.0004	0.0001	0.004	No	27	0.0002783	0.0001508	59.26	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-19	0.0004	0.000058	0.004	No	18	0.000381	0.00008061	94.44	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-7	0.0005	0.0002	0.005	No	27	0.0004404	0.0001286	81.48	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-8	0.00029	0.00017	0.005	No	27	0.0003193	0.0003651	7.407	None	No	0.01	NP (normality)
Cadmium (mg/L)	HGWC-9	0.0005	0.0002	0.005	No	27	0.0004581	0.0001221	88.89	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-10	0.0005	0.0002	0.005	No	27	0.0004006	0.0001722	74.07	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-11	0.0005	0.0001	0.005	No	27	0.0004554	0.0001285	88.89	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-12	0.0005	0.0003	0.005	No	27	0.0004533	0.000118	85.19	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-19	0.0005	0.00017	0.005	No	18	0.0003461	0.0002406	33.33	None	No	0.01	NP (normality)
Chromium (mg/L)	HGWC-7	0.005	0.0021	0.1	No	27	0.00644	0.01302	70.37	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-8	0.005	0.0015	0.1	No	27	0.00439	0.001499	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-9	0.005	0.0013	0.1	No	27	0.004229	0.001654	81.48	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-10	0.005	0.0014	0.1	No	27	0.005137	0.003205	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-11	0.005	0.0012	0.1	No	27	0.004349	0.001597	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-12	0.005	0.0025	0.1	No	27	0.004586	0.001233	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-13	0.005	0.00059	0.1	No	27	0.004502	0.001436	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-19	0.005	0.0011	0.1	No	18	0.00369	0.001939	66.67	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-20	0.005	0.00071	0.1	No	18	0.004008	0.001912	77.78	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-24D	0.005	0.0017	0.1	No	18	0.004302	0.001629	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-27D	0.005	0.00082	0.1	No	18	0.004271	0.00168	83.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-7	0.0018	0.00067	0.038	No	29	0.00163	0.001636	17.24	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-8	0.0023	0.0018	0.038	No	29	0.00273	0.002741	6.897	None	No	0.01	NP (normality)

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	HGWC-9	0.001	0.00057	0.038	No	29	0.001436	0.00168	17.24	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-10	0.005	0.0012	0.038	No	29	0.004124	0.001748	79.31	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-11	0.005	0.0014	0.038	No	29	0.003313	0.00188	51.72	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-12	0.0016	0.0012	0.038	No	29	0.001479	0.0004313	10.34	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-13	0.006139	0.003124	0.038	No	29	0.005911	0.005429	3.448	None	ln(x)	0.01	Param.
Cobalt (mg/L)	MW-19	0.03659	0.02418	0.038	No	18	0.03039	0.01026	0	None	No	0.01	Param.
Cobalt (mg/L)	MW-20	0.005	0.0011	0.038	No	18	0.004783	0.0009192	94.44	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-24D	0.005	0.0011	0.038	No	18	0.004273	0.00168	83.33	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-27D	0.005	0.00045	0.038	No	18	0.004219	0.001798	83.33	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	HGWC-7	0.7684	0.4188	5	No	29	0.641	0.4455	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-8	0.8958	0.6081	5	No	29	0.752	0.314	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-9	0.8222	0.524	5	No	29	0.6731	0.3254	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-10	0.9727	0.5761	5	No	29	0.7744	0.4328	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-11	1.074	0.6638	5	No	29	0.8688	0.4475	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-12	0.9236	0.5407	5	No	29	0.7321	0.4179	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-13	0.8976	0.5611	5	No	29	0.7293	0.3672	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-19	0.83	0.4709	5	No	18	0.6504	0.2968	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-20	0.8757	0.4356	5	No	18	0.6557	0.3637	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-24D	0.532	0.2223	5	No	18	0.4034	0.2924	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-27D	1.301	0.7781	5	No	18	1.066	0.4782	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	HGWC-7	0.13	0.0828	4	No	31	0.1343	0.09944	6.452	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-8	0.5806	0.4297	4	No	31	0.5164	0.1818	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	HGWC-9	0.1974	0.09502	4	No	30	0.1703	0.1392	6.667	None	x^(1/3)	0.01	Param.
Fluoride (mg/L)	HGWC-10	0.1619	0.08513	4	No	30	0.1529	0.1265	13.33	None	ln(x)	0.01	Param.
Fluoride (mg/L)	HGWC-11	0.3594	0.2317	4	No	30	0.3088	0.1546	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	HGWC-12	0.3	0.19	4	No	30	0.2904	0.2122	3.333	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-13	0.634	0.4666	4	No	30	0.5503	0.1862	0	None	No	0.01	Param.
Fluoride (mg/L)	MW-19	0.1997	0.1056	4	No	18	0.1681	0.1111	0	None	ln(x)	0.01	Param.
Fluoride (mg/L)	MW-20	0.1	0.074	4	No	18	0.09083	0.01419	66.67	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-24D	0.09733	0.05872	4	No	18	0.08856	0.03264	22.22	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	MW-27D	0.2865	0.225	4	No	18	0.2572	0.05345	0	None	sqrt(x)	0.01	Param.
Lead (mg/L)	HGWC-7	0.001	0.00051	0.015	No	26	0.000769	0.0003983	65.38	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-8	0.001	0.0002	0.015	No	25	0.000861	0.0003254	84	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-9	0.001	0.00022	0.015	No	25	0.0007326	0.0003996	68	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-10	0.001	0.00005	0.015	No	25	0.000962	0.00019	96	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-11	0.001	0.0003	0.015	No	25	0.0008024	0.0003623	76	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-12	0.001	0.00043	0.015	No	25	0.0008295	0.000354	80	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-13	0.001	0.00033	0.015	No	25	0.0007648	0.0003872	72	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-19	0.001	0.000085	0.015	No	16	0.000769	0.0004134	75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-20	0.001	0.00013	0.015	No	16	0.0007774	0.0003989	75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-24D	0.001	0.000064	0.015	No	16	0.000716	0.0004363	68.75	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-27D	0.001	0.00043	0.015	No	16	0.00091	0.000252	87.5	None	No	0.01	NP (NDs)
Lithium (mg/L)	HGWC-7	0.002578	0.002061	0.064	No	29	0.002319	0.0005649	3.448	None	No	0.01	Param.
Lithium (mg/L)	HGWC-8	0.002714	0.002195	0.064	No	29	0.002255	0.0008037	13.79	None	x^3	0.01	Param.
Lithium (mg/L)	HGWC-9	0.00419	0.003545	0.064	No	29	0.003793	0.000835	3.448	None	x^2	0.01	Param.
Lithium (mg/L)	HGWC-12	0.01011	0.008155	0.064	No	29	0.009133	0.002136	0	None	No	0.01	Param.
Lithium (mg/L)	HGWC-13	0.03988	0.03263	0.064	No	29	0.03626	0.007908	0	None	No	0.01	Param.
Lithium (mg/L)	MW-19	0.01175	0.007576	0.064	No	18	0.008973	0.004269	11.11	None	x^2	0.01	Param.
Lithium (mg/L)	MW-20	0.002	0.00094	0.064	No	18	0.001434	0.000507	38.89	None	No	0.01	NP (normality)
Lithium (mg/L)	MW-24D	0.002957	0.002633	0.064	No	18	0.002795	0.0002672	0	None	No	0.01	Param.
Lithium (mg/L)	MW-27D	0.009172	0.006728	0.064	No	18	0.00795	0.00202	0	None	No	0.01	Param.
Mercury (mg/L)	HGWC-9	0.0002	0.00004	0.002	No	21	0.0001924	0.00003491	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-10	0.0002	0.00005	0.002	No	22	0.0001932	0.00003198	95.45	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-11	0.0002	0.00005	0.002	No	21	0.0001929	0.00003273	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-13	0.0002	0.00005	0.002	No	21	0.0001852	0.00004665	90.48	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results

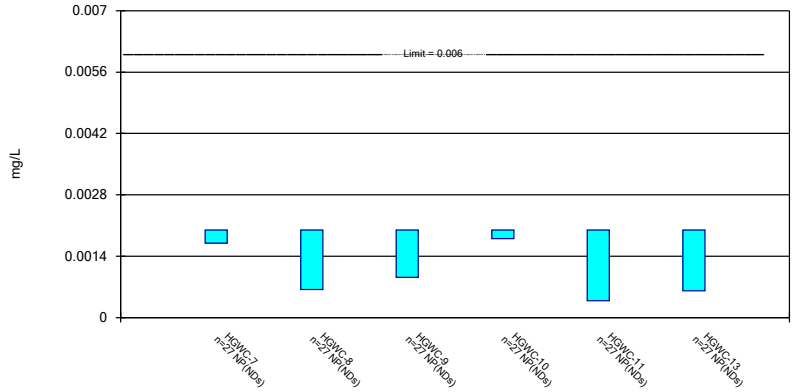
Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:04 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	HGWC-7	0.04046	0.03208	0.1	No	30	0.03627	0.009312	0	None	No	0.01	Param.
Molybdenum (mg/L)	**HGWC-8**	**0.4619**	**0.3733**	**0.1**	**Yes**	**30**	**0.4019**	**0.1236**	**0**	**None**	**x^2**	**0.01**	**Param.**
Molybdenum (mg/L)	HGWC-9	0.031	0.0219	0.1	No	29	0.04049	0.08435	0	None	No	0.01	NP (normality)
Molybdenum (mg/L)	HGWC-10	0.01	0.0014	0.1	No	29	0.006696	0.004307	62.07	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	HGWC-11	0.02556	0.01641	0.1	No	29	0.02098	0.009983	0	None	No	0.01	Param.
Molybdenum (mg/L)	HGWC-12	0.04837	0.04488	0.1	No	29	0.04662	0.003816	0	None	No	0.01	Param.
Molybdenum (mg/L)	HGWC-13	0.03286	0.02467	0.1	No	29	0.02877	0.008939	0	None	No	0.01	Param.
Molybdenum (mg/L)	MW-19	0.04439	0.02161	0.1	No	18	0.033	0.01882	11.11	None	No	0.01	Param.
Molybdenum (mg/L)	MW-24D	0.0085	0.00095	0.1	No	18	0.004202	0.003951	22.22	None	No	0.01	NP (normality)
Molybdenum (mg/L)	MW-27D	0.006555	0.001919	0.1	No	18	0.00635	0.008759	5.556	None	ln(x)	0.01	Param.
Selenium (mg/L)	HGWC-8	0.005	0.0024	0.05	No	29	0.00491	0.0004828	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-9	0.005	0.0037	0.05	No	29	0.004802	0.000849	93.1	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-10	0.005	0.0035	0.05	No	29	0.004214	0.001213	65.52	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-11	0.01279	0.006782	0.05	No	29	0.009786	0.006558	3.448	None	No	0.01	Param.
Selenium (mg/L)	HGWC-12	0.005	0.0011	0.05	No	29	0.004866	0.0007242	96.55	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-13	0.005	0.0016	0.05	No	29	0.004717	0.001077	93.1	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-19	0.004966	0.002784	0.05	No	18	0.004283	0.00175	16.67	Kaplan-Meier	No	0.01	Param.
Selenium (mg/L)	MW-24D	0.005	0.0015	0.05	No	18	0.004806	0.000825	94.44	Kaplan-Meier	No	0.01	NP (NDs)
Selenium (mg/L)	MW-27D	0.005	0.00012	0.05	No	18	0.004729	0.00115	94.44	Kaplan-Meier	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-8	0.0005	0.00018	0.002	No	29	0.0004023	0.0001772	75.86	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-11	0.0005	0.00008	0.002	No	29	0.000471	0.0001083	93.1	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-12	0.0005	0.0002	0.002	No	29	0.0004181	0.0001645	79.31	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-13	0.0004169	0.0003298	0.002	No	29	0.0003734	0.00009502	13.79	None	No	0.01	Param.
Thallium (mg/L)	MW-19	0.0005	0.00026	0.002	No	18	0.0003867	0.0001251	50	None	No	0.01	NP (normality)

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

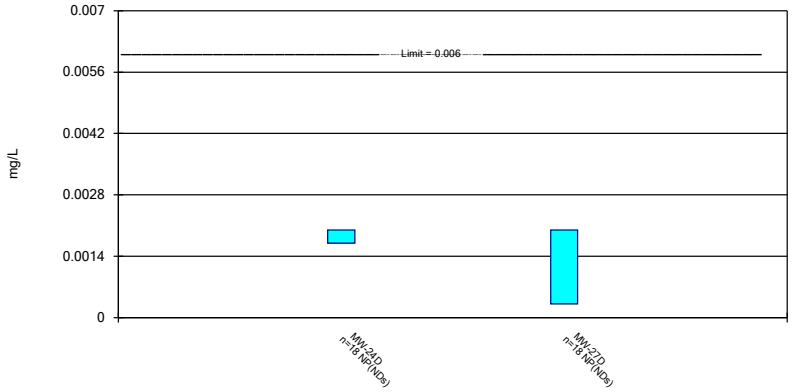


Constituent: Antimony Analysis Run 4/6/2026 2:02 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

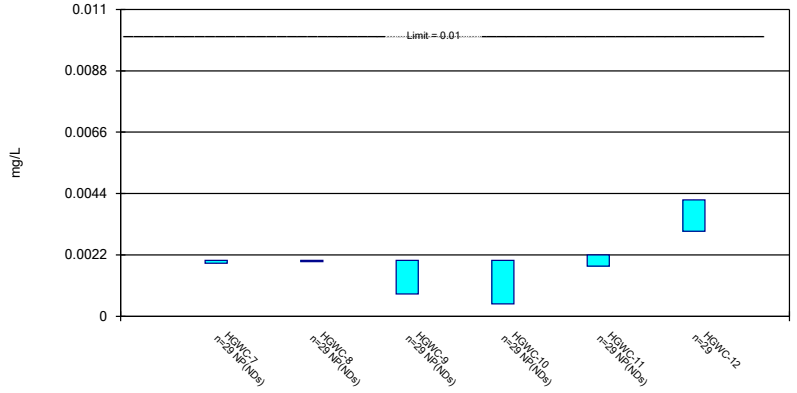


Constituent: Antimony Analysis Run 4/6/2026 2:02 PM View: Appendix IV
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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

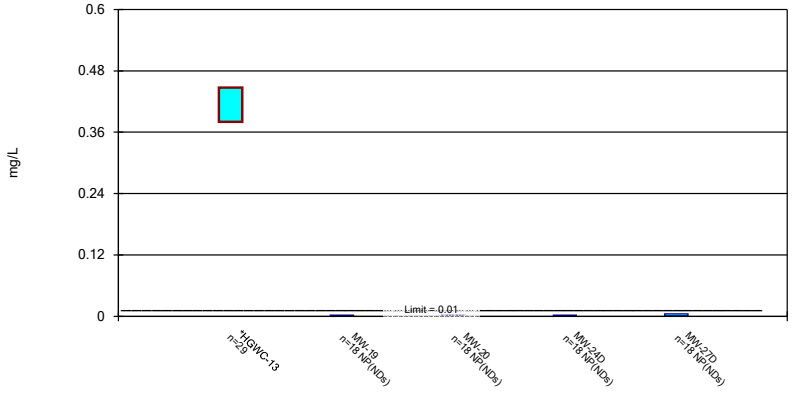


Constituent: Arsenic Analysis Run 4/6/2026 2:02 PM View: Appendix IV
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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

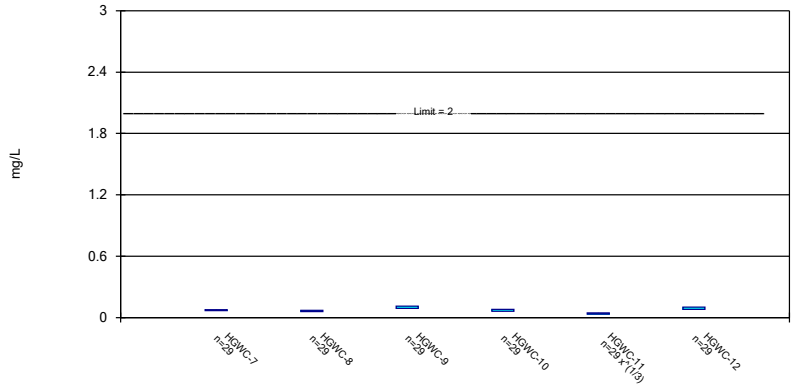


Constituent: Arsenic Analysis Run 4/6/2026 2:02 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric Confidence Interval

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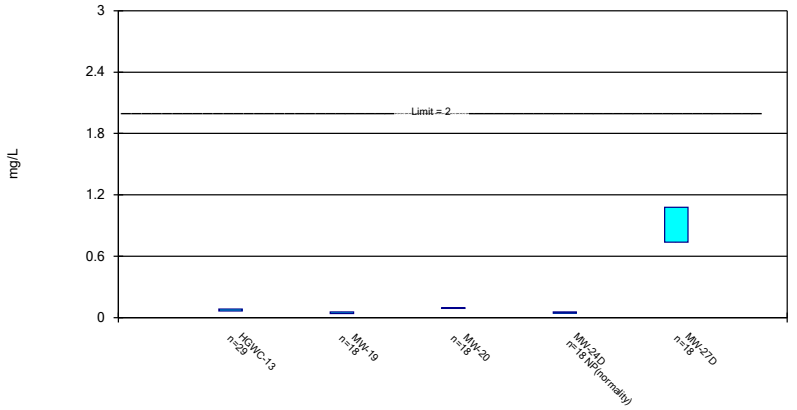


Constituent: Barium Analysis Run 4/6/2026 2:02 PM View: Appendix IV
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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

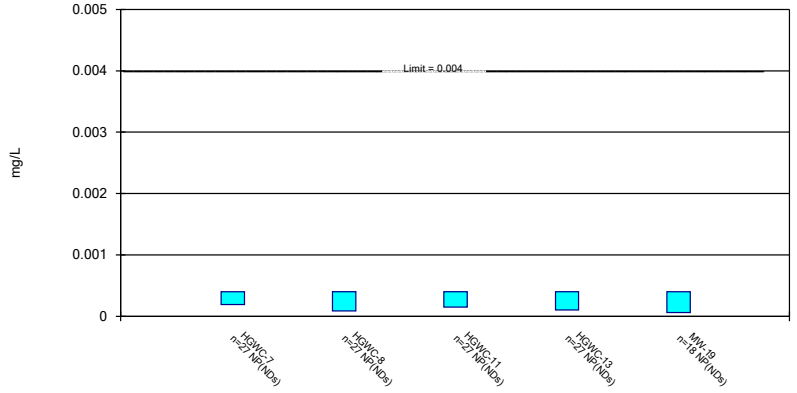


Constituent: Barium Analysis Run 4/6/2026 2:02 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

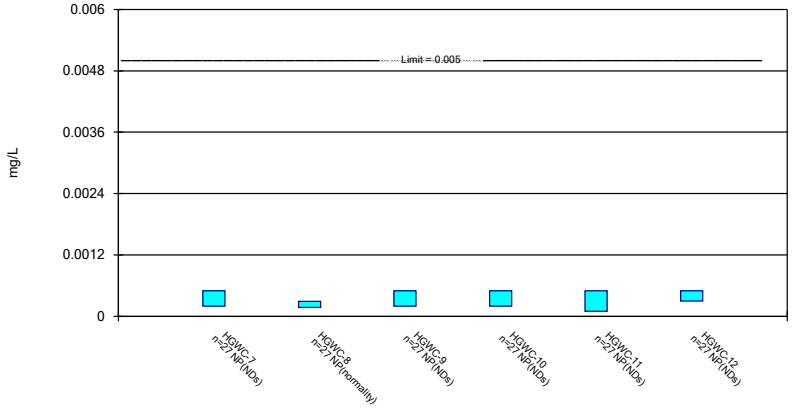


Constituent: Beryllium Analysis Run 4/6/2026 2:02 PM View: Appendix IV
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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

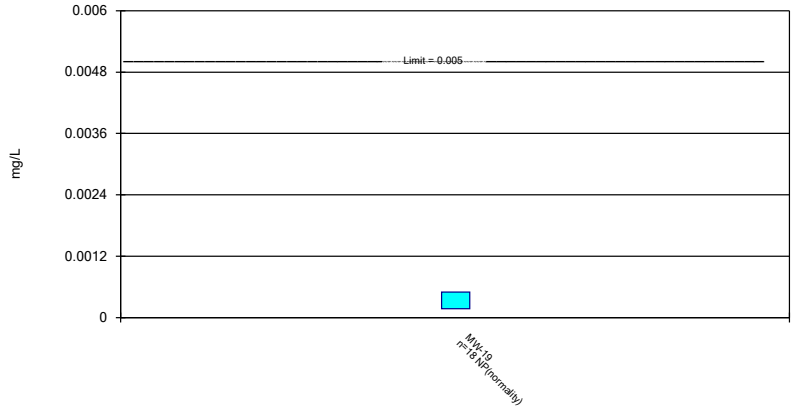


Constituent: Cadmium Analysis Run 4/6/2026 2:02 PM View: Appendix IV
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Non-Parametric Confidence Interval

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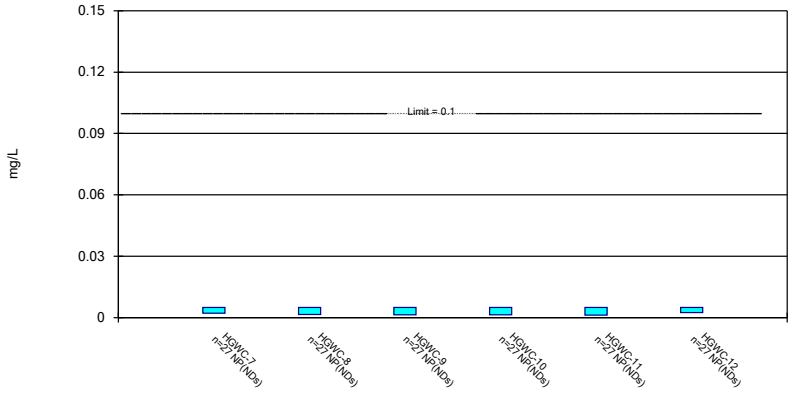


Constituent: Cadmium Analysis Run 4/6/2026 2:02 PM View: Appendix IV
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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

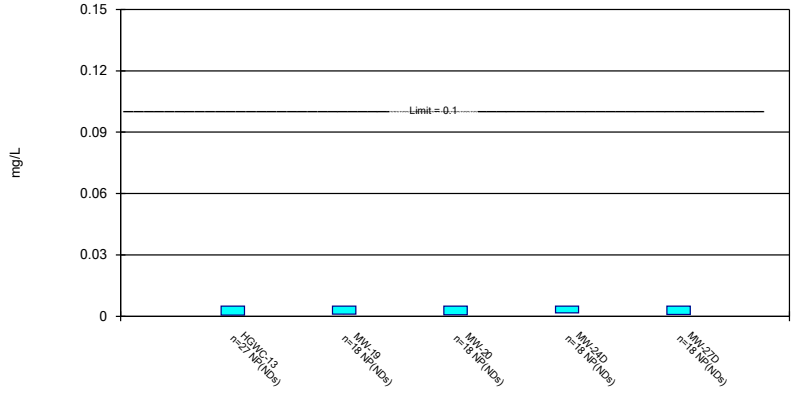


Constituent: Chromium Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

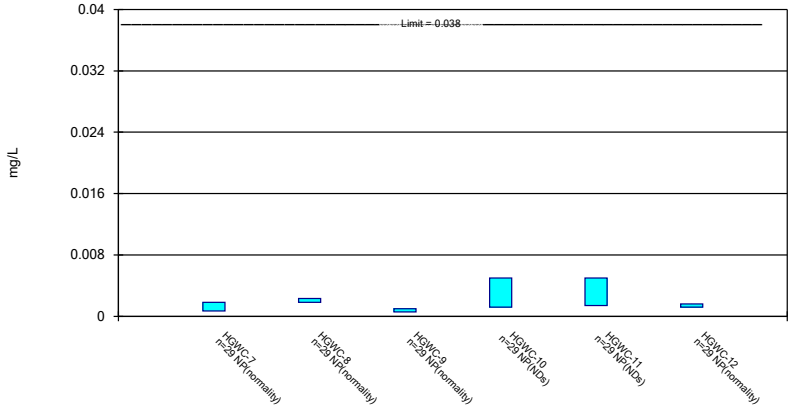


Constituent: Chromium Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

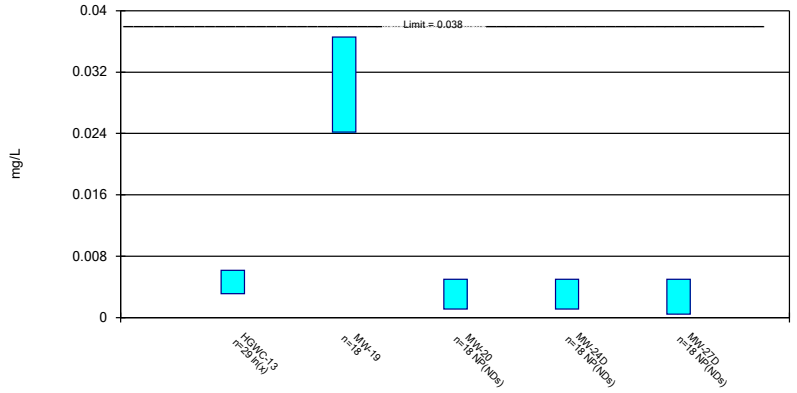


Constituent: Cobalt Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

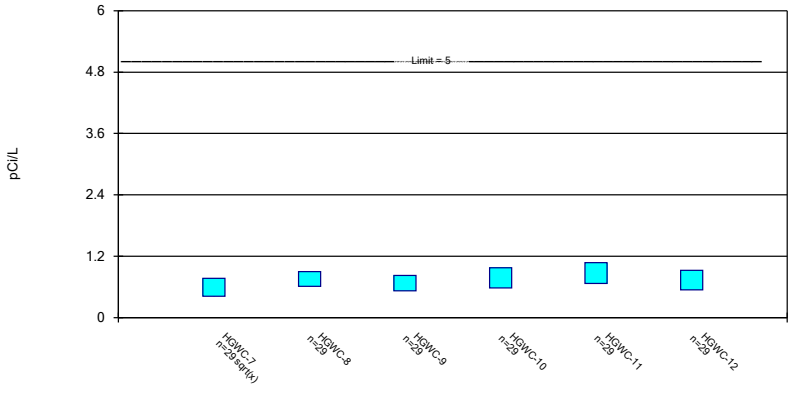


Constituent: Cobalt Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric Confidence Interval

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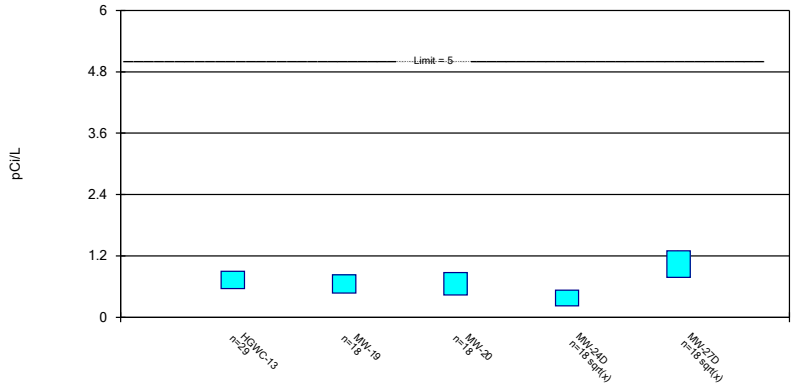


Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

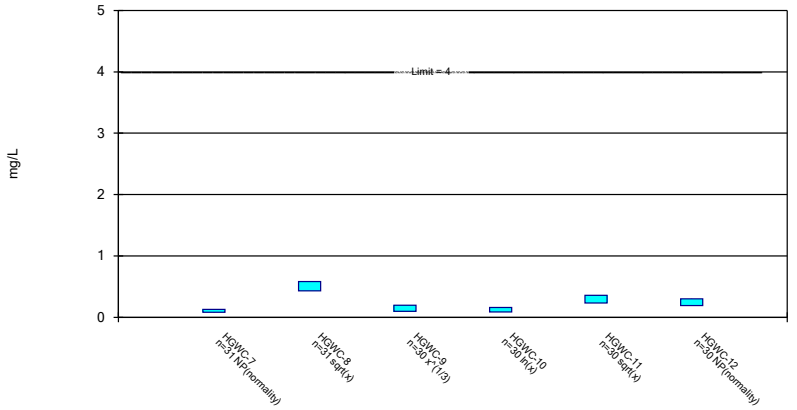


Constituent: Combined Radium 226 + 228 Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

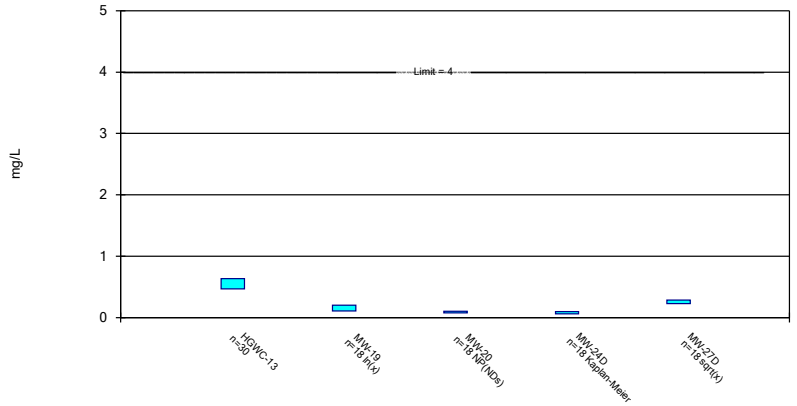


Constituent: Fluoride Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

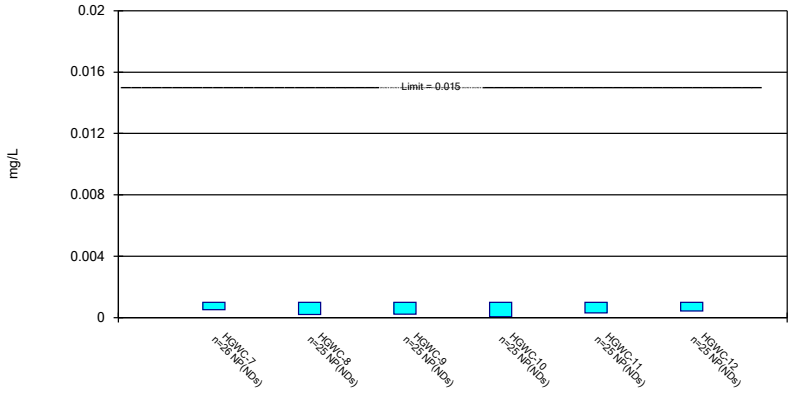


Constituent: Fluoride Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

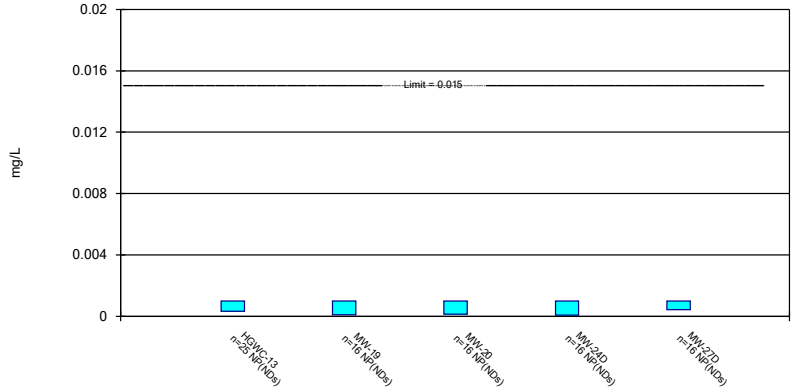


Constituent: Lead Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

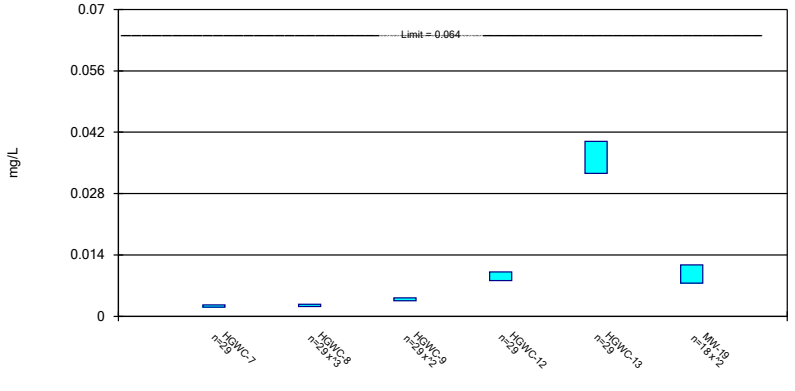


Constituent: Lead Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

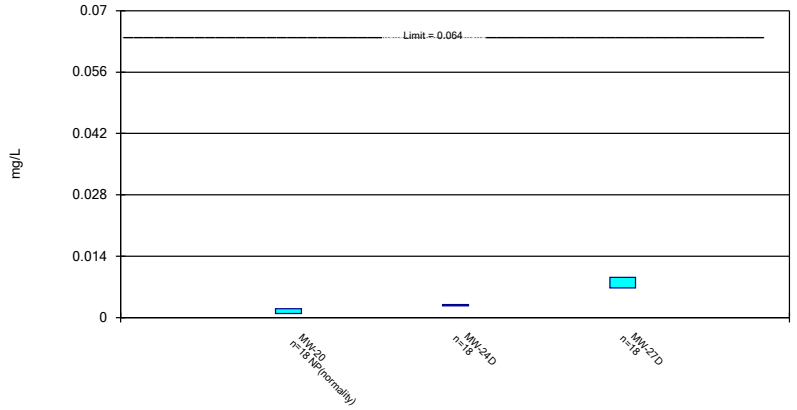


Constituent: Lithium Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

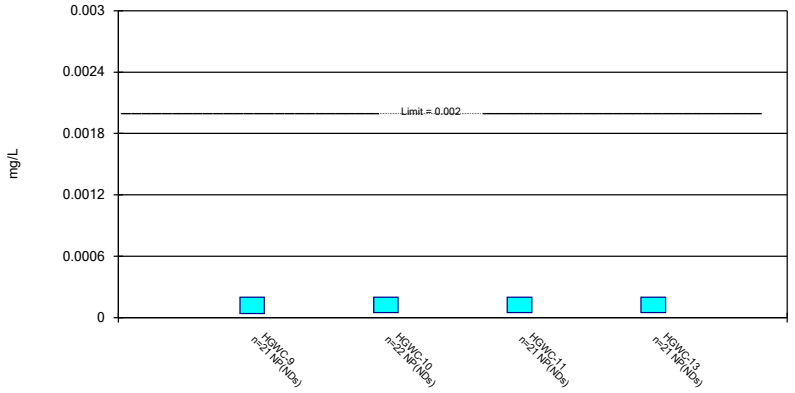


Constituent: Lithium Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

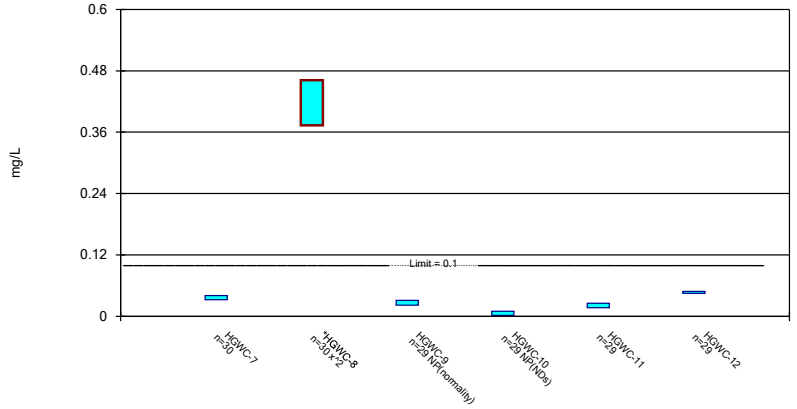


Constituent: Mercury Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

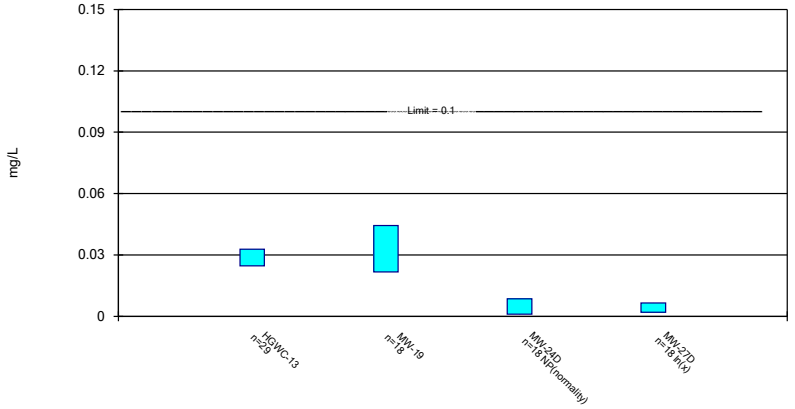


Constituent: Molybdenum Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

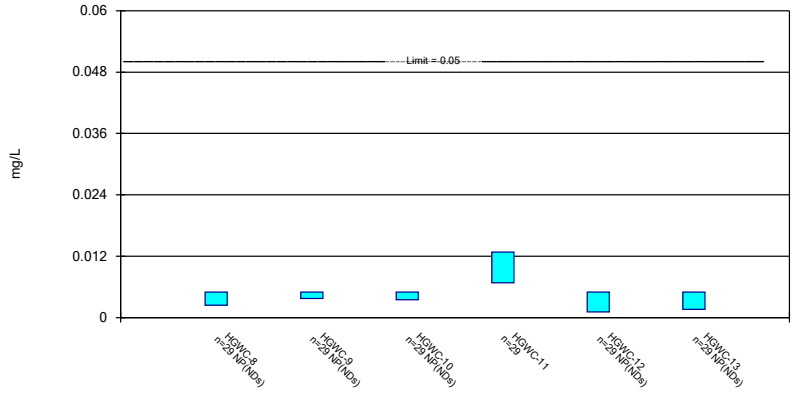


Constituent: Molybdenum Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

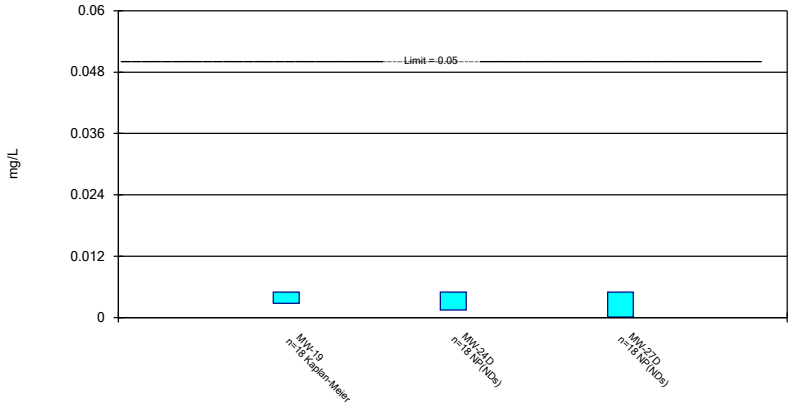


Constituent: Selenium Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

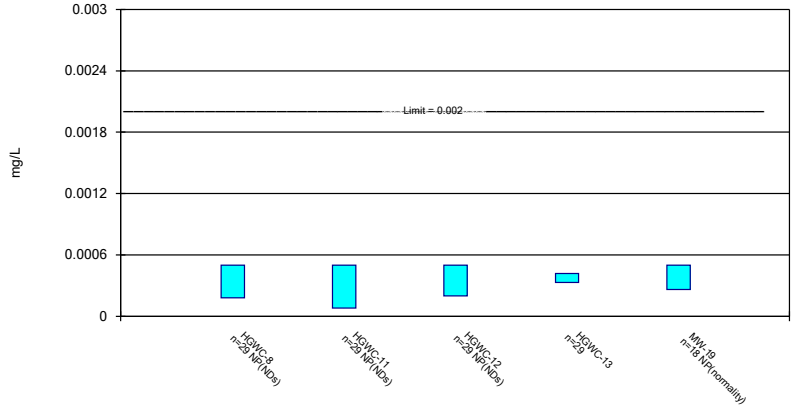


Constituent: Selenium Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 4/6/2026 2:03 PM View: Appendix IV
Plant Hammond Client: Southern Company Data: Hammond AP-1

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-13
5/20/2016	<0.002	<0.002				
5/23/2016			<0.002	<0.002	<0.002	<0.002
7/12/2016	<0.002	<0.002	<0.002	<0.002	<0.002	0.0003 (J)
9/1/2016	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
10/20/2016	<0.002	<0.002	<0.002			
10/24/2016				<0.002	<0.002	<0.002
12/6/2016	<0.002	<0.002	<0.002			
12/7/2016				<0.002	<0.002	<0.002
1/25/2017	<0.002	<0.002				
1/26/2017			<0.002	<0.002	<0.002	<0.002
3/21/2017	<0.002	<0.002				
3/22/2017			<0.002	<0.002	<0.002	<0.002
5/23/2017	<0.002	<0.002	<0.002			
5/24/2017				<0.002	<0.002	<0.002
4/3/2018	<0.002	<0.002	<0.002			
4/4/2018				<0.002	<0.002	<0.002
3/12/2019		<0.002				
3/13/2019	<0.002		<0.002	<0.002	<0.002	<0.002
4/2/2019	<0.002					
4/3/2019		<0.002	<0.002	<0.002	<0.002	
4/5/2019						0.00021 (J)
9/24/2019		<0.002				
9/25/2019	<0.002					
9/26/2019						<0.002
9/27/2019			<0.002	<0.002	<0.002	
3/3/2020		<0.002		<0.002	<0.002	
3/4/2020	<0.002		0.00032 (J)			0.00061 (J)
3/27/2020	<0.002	<0.002				
3/30/2020						0.00036 (J)
3/31/2020			0.00042 (J)		<0.002	
4/1/2020				<0.002		
9/16/2020	0.00034 (J)	<0.002		<0.002		
9/17/2020			<0.002			
9/18/2020					0.00038 (J)	
9/21/2020						0.00029 (J)
2/10/2021	<0.002					
2/12/2021					<0.002	
2/15/2021				0.00065 (J)		
2/16/2021		0.00064 (J)	0.00043 (J)			
2/22/2021						0.00047 (J)
3/12/2021				<0.002		
3/15/2021	<0.002	<0.002				
3/16/2021			<0.002		<0.002	
3/17/2021						0.00049 (J)
8/16/2021	0.0017 (J)					
8/17/2021			<0.002	<0.002		
8/18/2021		<0.002			<0.002	
8/19/2021						<0.002
2/9/2022			<0.002	<0.002	<0.002	
2/10/2022	<0.002	<0.002				<0.002
8/3/2022		<0.002		0.0018 (J)	<0.002	<0.002
8/4/2022			<0.002			

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-13
8/11/2022	<0.002					
1/26/2023			0.00092 (J)		<0.002	<0.002
1/27/2023	<0.002			<0.002		
2/1/2023		<0.002				
8/10/2023				<0.002	<0.002	
8/11/2023			<0.002			
8/12/2023	<0.002	<0.002				<0.002
2/14/2024	<0.002	<0.002				
2/15/2024			<0.002	<0.002	<0.002	
2/16/2024						<0.002
8/7/2024	<0.002	<0.002	<0.002	<0.002	<0.002	
8/8/2024						<0.002
2/13/2025					<0.002	
2/14/2025				<0.002		
2/15/2025		<0.002	<0.002			
2/16/2025	<0.002					
2/17/2025						<0.002
8/6/2025	<0.002	<0.002		<0.002	<0.002	
8/7/2025			<0.002			
8/10/2025						<0.002
2/5/2026	<0.002	<0.002		<0.002	<0.002	<0.002
2/6/2026			<0.002			
Mean	0.001927	0.00195	0.001781	0.001943	0.00194	0.001583
Std. Dev.	0.0003224	0.0002617	0.0005427	0.0002612	0.0003118	0.0007221
Upper Lim.	0.002	0.002	0.002	0.002	0.002	0.002
Lower Lim.	0.0017	0.00064	0.00092	0.0018	0.00038	0.00061

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	MW-24D	MW-27D
3/13/2019	<0.002	<0.002
4/4/2019		0.00016 (J)
4/8/2019	<0.002	
9/26/2019	<0.002	0.0003 (J)
3/4/2020	0.0017 (J)	0.00037 (J)
3/30/2020	<0.002	
4/2/2020		0.0003 (J)
9/18/2020		0.00031 (J)
9/21/2020	<0.002	
2/16/2021	<0.002	0.00038 (J)
3/12/2021		<0.002
3/17/2021	<0.002	
8/17/2021		<0.002
8/19/2021	<0.002	
2/10/2022	<0.002	<0.002
8/3/2022	<0.002	<0.002
1/26/2023	<0.002	
1/27/2023		<0.002
8/12/2023	<0.002	<0.002
2/15/2024	<0.002	
2/16/2024		<0.002
8/8/2024	0.00086 (J)	<0.002
2/15/2025		<0.002
2/16/2025	0.00066 (J)	
8/6/2025		<0.002
8/10/2025	<0.002	
2/4/2026	<0.002	
2/6/2026		<0.002
Mean	0.001846	0.001434
Std. Dev.	0.0004026	0.0008241
Upper Lim.	0.002	0.002
Lower Lim.	0.0017	0.00031

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	<0.002	<0.002				
5/23/2016			<0.002	<0.002	<0.002	0.0046 (J)
7/12/2016	<0.002	<0.002	<0.002	<0.002	0.0015 (J)	0.005
9/1/2016	<0.002	<0.002	<0.002	<0.002	<0.002	0.0043 (J)
10/20/2016	<0.002	<0.002	<0.002			
10/24/2016				<0.002	<0.002	0.0049 (J)
12/6/2016	<0.002	<0.002	<0.002			
12/7/2016				<0.002	<0.002	0.0046 (J)
1/25/2017	<0.002	<0.002				
1/26/2017			<0.002	<0.002	<0.002	<0.01
3/21/2017	<0.002	<0.002				
3/22/2017			0.0008 (J)	<0.002	0.0053	0.0019 (J)
5/23/2017	<0.002	<0.002	<0.002			
5/24/2017				<0.002	<0.002	0.0022 (J)
4/3/2018	<0.002	<0.002	<0.002			
4/4/2018				<0.002	<0.002	<0.01
6/5/2018	<0.002			<0.002	0.0012 (J)	
6/6/2018		<0.002	<0.002			0.0048 (J)
10/2/2018	0.0019 (J)	<0.002	<0.002	<0.002		
10/3/2018					<0.002	0.0037 (J)
3/12/2019		<0.002				
3/13/2019	<0.002		0.00075 (J)	<0.002	0.0024 (J)	
3/14/2019						0.0026 (J)
4/2/2019	<0.002					
4/3/2019		<0.002	<0.002	<0.002	0.00094 (J)	0.0022 (J)
9/24/2019		<0.002				
9/25/2019	<0.002					
9/27/2019			0.00037 (J)	<0.002	0.0018 (J)	0.0061
3/3/2020		<0.002		<0.002	0.0022 (J)	0.0023 (J)
3/4/2020	<0.002		<0.002			
3/26/2020						0.0028 (J)
3/27/2020	<0.002	<0.002				
3/31/2020			<0.002		0.0022 (J)	
4/1/2020				<0.002		
9/16/2020	<0.002	<0.002		<0.002		
9/17/2020			<0.002			
9/18/2020					0.00081 (J)	0.0031 (J)
2/10/2021	<0.002					
2/12/2021					0.002 (J)	0.0045 (J)
2/15/2021				<0.002		
2/16/2021		<0.002	<0.002			
3/12/2021				<0.002		
3/15/2021	<0.002	<0.002				
3/16/2021			<0.002		0.0017 (J)	0.0038 (J)
8/16/2021	<0.002					
8/17/2021			<0.002	<0.002		
8/18/2021		<0.002			<0.002	0.0028 (J)
2/9/2022			0.0021 (J)	<0.002	0.0047 (J)	0.0053
2/10/2022	<0.002	0.002 (J)				
8/3/2022		<0.002		<0.002	<0.002	0.0023 (J)
8/4/2022			<0.002			
8/11/2022	<0.002					

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
1/26/2023			<0.002		<0.002	0.0025 (J)
1/27/2023	<0.002			<0.002		
2/1/2023		<0.002				
8/10/2023				<0.002	<0.002	<0.01
8/11/2023			<0.002			
8/12/2023	<0.002	<0.002				
2/14/2024	<0.002	<0.002				
2/15/2024			<0.002	<0.002	<0.002	0.0027 (J)
8/7/2024	<0.002	<0.002	<0.002	<0.002	0.0015 (J)	0.0024 (J)
2/13/2025					<0.002	0.0033 (J)
2/14/2025				<0.002		
2/15/2025		<0.002	<0.002			
2/16/2025	<0.002					
8/6/2025	<0.002	<0.002		<0.002	<0.002	0.0022
8/7/2025			<0.002			
2/5/2026	<0.002	<0.002		0.00044 (J)	0.00057 (J)	0.0028
2/6/2026			0.00061 (J)			
Mean	0.001997	0.002	0.001815	0.001946	0.002028	0.00361
Std. Dev.	1.857E-05	1.8E-11	0.0004858	0.0002897	0.0009307	0.00123
Upper Lim.	0.002	0.002	0.002	0.002	0.0022	0.004174
Lower Lim.	0.0019	0.002	0.0008	0.00044	0.0018	0.003047

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.329				
7/12/2016	0.297				
9/1/2016	0.314				
10/24/2016	0.334				
12/7/2016	0.35				
1/26/2017	0.424				
3/22/2017	0.419				
5/24/2017	0.393				
4/4/2018	0.49				
6/5/2018	0.38				
10/5/2018	0.34				
3/13/2019	0.42		0.0023 (J)	<0.002	<0.005
3/14/2019		<0.002			
4/2/2019			<0.002		
4/3/2019		<0.002			
4/4/2019					0.0002 (J)
4/5/2019	0.36				
4/8/2019				<0.002	
9/25/2019			<0.002		
9/26/2019	0.44			<0.002	<0.005
9/27/2019		<0.002			
3/2/2020			0.00038 (J)		
3/4/2020	0.52	0.00045 (J)		<0.002	0.00069 (J)
3/26/2020		<0.002			
3/27/2020			<0.002		
3/30/2020	0.47			<0.002	
4/2/2020					<0.005
9/17/2020			<0.002		
9/18/2020					<0.005
9/21/2020	0.39	<0.002		<0.002	
2/11/2021			0.00094 (J)		
2/12/2021		<0.002			
2/16/2021				<0.002	0.001 (J)
2/22/2021	0.45				
3/12/2021					<0.005
3/15/2021			<0.002		
3/17/2021	0.39	<0.002		<0.002	
8/17/2021			<0.002		<0.005
8/18/2021		<0.002			
8/19/2021	0.31			<0.002	
2/9/2022		<0.002			
2/10/2022	0.38		<0.002	<0.002	<0.005
8/3/2022	0.4			<0.002	<0.005
8/4/2022		<0.002	<0.002		
1/26/2023	0.53	<0.002	<0.002	<0.002	
1/27/2023					<0.005
8/10/2023		<0.002	<0.002		
8/12/2023	0.54			<0.002	<0.005
2/14/2024			<0.002		
2/15/2024		<0.002		<0.002	
2/16/2024	0.5				<0.005
8/7/2024			<0.002		

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/8/2024	0.52	<0.002		<0.002	<0.005
2/13/2025		<0.002			
2/15/2025			<0.002		<0.005
2/16/2025				<0.002	
2/17/2025	0.34				
8/6/2025		<0.002	<0.002		0.0013 (J)
8/10/2025	0.48			<0.002	
2/4/2026		<0.002		0.00046 (J)	
2/5/2026	0.49				
2/6/2026			0.00055 (J)		0.00065 (J)
Mean	0.4138	0.001914	0.001787	0.001914	0.003824
Std. Dev.	0.07333	0.0003653	0.0005491	0.000363	0.001961
Upper Lim.	0.4474	0.002	0.0023	0.002	0.005
Lower Lim.	0.3802	0.00045	0.00094	0.00046	0.001

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	0.0687	0.0808				
5/23/2016			0.117	0.0877	0.0466	0.133
7/12/2016	0.0731	0.083	0.13	0.0926	0.0616	0.135
9/1/2016	0.0747	0.0829	0.13	0.0994	0.0497	0.123
10/20/2016	0.072	0.0811	0.0806			
10/24/2016				0.101	0.0794	0.135
12/6/2016	0.0752	0.0845	0.128			
12/7/2016				0.107	0.1	0.13
1/25/2017	0.0747	0.078				
1/26/2017			0.142	0.0538	0.0696	0.127
3/21/2017	0.0722	0.0791				
3/22/2017			0.122	0.0962	0.0346	0.112
5/23/2017	0.0794	0.0846	0.127			
5/24/2017				0.0996	0.0437	0.106
4/3/2018	0.075	0.065	0.1			
4/4/2018				0.084	0.029	0.083
6/5/2018	0.071			0.086	0.039	
6/6/2018		0.063	0.11			0.09
10/2/2018	0.078	0.061	0.11	0.076		
10/3/2018					0.033	0.087
3/12/2019		0.062				
3/13/2019	0.083		0.1	0.044	0.024	
3/14/2019						0.081
4/2/2019	0.072					
4/3/2019		0.066	0.12	0.076	0.023	0.077
9/24/2019		0.053				
9/25/2019	0.061					
9/27/2019			0.11	0.078	0.033	0.096
3/3/2020		0.052		0.048	0.022	0.092
3/4/2020	0.068		0.11			
3/26/2020						0.089
3/27/2020	0.059	0.059				
3/31/2020			0.11		0.026	
4/1/2020				0.058		
9/16/2020	0.068	0.06		0.068		
9/17/2020			0.11			
9/18/2020					0.043	0.086
2/10/2021	0.069					
2/12/2021					0.039	0.09
2/15/2021				0.06		
2/16/2021		0.069	0.11			
3/12/2021				0.058		
3/15/2021	0.074	0.063				
3/16/2021			0.11		0.035	0.084
8/16/2021	0.068					
8/17/2021			0.095	0.055		
8/18/2021		0.062			0.04	0.083
2/9/2022			0.096	0.042	0.042	0.075
2/10/2022	0.063	0.056				
8/3/2022		0.06		0.069	0.041	0.086
8/4/2022			0.091			
8/11/2022	0.071					

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
1/26/2023			0.069		0.031	0.076
1/27/2023	0.065			0.041		
2/1/2023		0.058				
8/10/2023				0.045	0.027	0.075
8/11/2023			0.068			
8/12/2023	0.06	0.052				
2/14/2024	0.067	0.048				
2/15/2024			0.054	0.048	0.037	0.068
8/7/2024	0.082	0.053	0.054	0.059	0.029	0.063
2/13/2025					0.042	0.068
2/14/2025				0.049		
2/15/2025		0.048	0.065			
2/16/2025	0.092					
8/6/2025	0.078	0.039		0.061	0.027	0.055
8/7/2025			0.06			
2/5/2026	0.086	0.046		0.075	0.024	0.059
2/6/2026			0.064			
Mean	0.07241	0.06376	0.09974	0.06956	0.04039	0.09186
Std. Dev.	0.007646	0.01303	0.02527	0.02036	0.01773	0.0236
Upper Lim.	0.07592	0.06973	0.1113	0.07889	0.0457	0.1027
Lower Lim.	0.06891	0.05779	0.08817	0.06023	0.03194	0.08105

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.0779				
7/12/2016	0.0697				
9/1/2016	0.07				
10/24/2016	0.0882				
12/7/2016	0.0798				
1/26/2017	0.0738				
3/22/2017	0.0755				
5/24/2017	0.0627				
4/4/2018	0.099				
6/5/2018	0.13				
10/5/2018	0.076				
3/13/2019	0.1		0.087	0.053	1.5
3/14/2019		0.06			
4/2/2019			0.08		
4/3/2019		0.05			
4/4/2019					1.2
4/5/2019	0.079				
4/8/2019				0.043	
9/25/2019			0.085		
9/26/2019	0.11			0.12	0.95
9/27/2019		0.068			
3/2/2020			0.099		
3/4/2020	0.1	0.069		0.081	0.95
3/26/2020		0.067			
3/27/2020			0.093		
3/30/2020	0.08			0.056	
4/2/2020					1
9/17/2020			0.096		
9/18/2020					1
9/21/2020	0.052	0.056		0.053	
2/11/2021			0.093		
2/12/2021		0.051			
2/16/2021				0.062	1
2/22/2021	0.061				
3/12/2021					1.1
3/15/2021			0.096		
3/17/2021	0.056	0.049		0.055	
8/17/2021			0.089		1.1
8/18/2021		0.045			
8/19/2021	0.049			0.048	
2/9/2022		0.042			
2/10/2022	0.053		0.082	0.048	0.99
8/3/2022	0.07			0.053	0.94
8/4/2022		0.05	0.093		
1/26/2023	0.079	0.039	0.097	0.054	
1/27/2023					0.94
8/10/2023		0.032	0.093		
8/12/2023	0.057			0.053	0.98
2/14/2024			0.095		
2/15/2024		0.03		0.034	
2/16/2024	0.056				0.65
8/7/2024			0.089		

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/8/2024	0.05	0.031		0.048	0.63
2/13/2025		0.035			
2/15/2025			0.097		0.49
2/16/2025				0.039	
2/17/2025	0.046				
8/6/2025		0.038	0.088		0.26
8/10/2025	0.046			0.055	
2/4/2026		0.035		0.043	
2/5/2026	0.052				
2/6/2026			0.098		0.65
Mean	0.07237	0.04706	0.09167	0.05544	0.9072
Std. Dev.	0.02082	0.01294	0.005584	0.01894	0.2826
Upper Lim.	0.0819	0.05488	0.09504	0.056	1.078
Lower Lim.	0.06283	0.03923	0.08829	0.043	0.7363

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-11	HGWC-13	MW-19
5/20/2016	<0.0004	<0.0004			
5/23/2016			<0.0004	<0.0004	
7/12/2016	<0.0004	<0.0004	<0.0004	<0.0004	
9/1/2016	<0.0004	<0.0004	<0.0004	<0.0004	
10/20/2016	<0.0004	<0.0004			
10/24/2016			<0.0004	<0.0004	
12/6/2016	<0.0004	<0.0004			
12/7/2016			<0.0004	<0.0004	
1/25/2017	<0.0004	<0.0004			
1/26/2017			<0.0004	<0.0004	
3/21/2017	<0.0004	<0.0004			
3/22/2017			9E-05 (J)	<0.0004	
5/23/2017	<0.0004	<0.0004			
5/24/2017			<0.0004	<0.0004	
4/3/2018	<0.0004	<0.0004			
4/4/2018			<0.0004	<0.0004	
3/12/2019		<0.0004			
3/13/2019	<0.0004		0.0001 (J)	6.2E-05 (J)	
3/14/2019					<0.0004
4/2/2019	<0.0004				
4/3/2019		7.4E-05 (J)	0.00017 (J)		<0.0004
4/5/2019				<0.0004	
9/24/2019		<0.0004			
9/25/2019	<0.0004				
9/26/2019				0.00011 (J)	
9/27/2019			8.6E-05 (J)		<0.0004
3/3/2020		<0.0004	0.00012 (J)		
3/4/2020	7.7E-05 (J)			9.3E-05 (J)	<0.0004
3/26/2020					<0.0004
3/27/2020	<0.0004	<0.0004			
3/30/2020				9.9E-05 (J)	
3/31/2020			0.00015 (J)		
9/16/2020	<0.0004	0.0001 (J)			
9/18/2020			<0.0004		
9/21/2020				0.00011 (J)	<0.0004
2/10/2021	8.1E-05 (J)				
2/12/2021			<0.0004		<0.0004
2/16/2021		7.1E-05 (J)			
2/22/2021				9.7E-05 (J)	
3/15/2021	0.00019 (J)	7.8E-05 (J)			
3/16/2021			8.1E-05 (J)		
3/17/2021				9E-05 (J)	<0.0004
8/16/2021	<0.0004				
8/18/2021		8.7E-05 (J)	<0.0004		5.8E-05 (J)
8/19/2021				7.3E-05 (J)	
2/9/2022			<0.0004		<0.0004
2/10/2022	<0.0004	7.1E-05 (J)		<0.0004	
8/3/2022		5.6E-05 (J)	<0.0004	<0.0004	
8/4/2022					<0.0004
8/11/2022	<0.0004				
1/26/2023			<0.0004	9.9E-05 (J)	<0.0004
1/27/2023	<0.0004				

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-11	HGWC-13	MW-19
2/1/2023		5.6E-05 (J)			
8/10/2023			6.9E-05 (J)		<0.0004
8/12/2023	<0.0004	<0.0004		0.0001 (J)	
2/14/2024	<0.0004	<0.0004			
2/15/2024			<0.0004		<0.0004
2/16/2024				<0.0004	
8/7/2024	<0.0004	<0.0004	<0.0004		
8/8/2024				<0.0004	<0.0004
2/13/2025			<0.0004		<0.0004
2/15/2025		0.00017 (J)			
2/16/2025	<0.0004				
2/17/2025				<0.0004	
8/6/2025	<0.0004	0.00034 (J)	<0.0004		<0.0004
8/10/2025				0.00018 (J)	
2/4/2026					<0.0004
2/5/2026	<0.0004	<0.0004	<0.0004	<0.0004	
Mean	0.0003684	0.0002927	0.0003136	0.0002783	0.000381
Std. Dev.	9.267E-05	0.0001515	0.000137	0.0001508	8.061E-05
Upper Lim.	0.0004	0.0004	0.0004	0.0004	0.0004
Lower Lim.	0.00019	8.7E-05	0.00015	0.0001	5.8E-05

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	<0.0005	0.00024 (J)				
5/23/2016			<0.0005	0.000115 (J)	<0.0005	<0.0005
7/12/2016	<0.0005	0.0002 (J)	<0.0005	<0.0005	<0.0005	<0.0005
9/1/2016	<0.0005	0.0001 (J)	<0.0005	0.0001 (J)	<0.0005	<0.0005
10/20/2016	<0.0005	0.0001 (J)	0.0002 (J)			
10/24/2016				0.0001 (J)	<0.0005	<0.0005
12/6/2016	0.0002 (J)	0.0017	0.0001 (J)			
12/7/2016				0.0001 (J)	0.0001 (J)	0.0002 (J)
1/25/2017	0.0002 (J)	0.0002 (J)				
1/26/2017			<0.0005	<0.0005	<0.0005	<0.0005
3/21/2017	0.0002 (J)	0.0002 (J)				
3/22/2017			7E-05 (J)	0.0001 (J)	0.0001 (J)	0.0003 (J)
5/23/2017	0.0001 (J)	0.0003 (J)	<0.0005			
5/24/2017				0.0002 (J)	<0.0005	9E-05 (J)
4/3/2018	<0.0005	<0.0005	<0.0005			
4/4/2018				<0.0005	<0.0005	<0.0005
3/12/2019		0.0002 (J)				
3/13/2019	<0.0005		<0.0005	<0.0005	<0.0005	
3/14/2019						<0.0005
4/2/2019	<0.0005					
4/3/2019		0.00032 (J)	<0.0005	0.0001 (J)	9.6E-05 (J)	<0.0005
9/24/2019		0.0002 (J)				
9/25/2019	<0.0005					
9/27/2019			<0.0005	<0.0005	<0.0005	<0.0005
3/3/2020		0.00017 (J)		<0.0005	<0.0005	0.00015 (J)
3/4/2020	<0.0005		<0.0005			
3/26/2020						<0.0005
3/27/2020	<0.0005	0.00014 (J)				
3/31/2020			<0.0005		<0.0005	
4/1/2020				<0.0005		
9/16/2020	<0.0005	0.00023 (J)		<0.0005		
9/17/2020			<0.0005			
9/18/2020					<0.0005	<0.0005
2/10/2021	<0.0005					
2/12/2021					<0.0005	<0.0005
2/15/2021				<0.0005		
2/16/2021		0.00037 (J)	<0.0005			
3/12/2021				<0.0005		
3/15/2021	<0.0005	0.00017 (J)				
3/16/2021			<0.0005		<0.0005	<0.0005
8/16/2021	<0.0005					
8/17/2021			<0.0005	<0.0005		
8/18/2021		0.0002 (J)			<0.0005	<0.0005
2/9/2022			<0.0005	<0.0005	<0.0005	<0.0005
2/10/2022	<0.0005	0.00029 (J)				
8/3/2022		0.00017 (J)		<0.0005	<0.0005	<0.0005
8/4/2022			<0.0005			
8/11/2022	<0.0005					
1/26/2023			<0.0005		<0.0005	<0.0005
1/27/2023	0.00019 (J)			<0.0005		
2/1/2023		0.00014 (J)				
8/10/2023				<0.0005	<0.0005	<0.0005

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
8/11/2023			<0.0005			
8/12/2023	<0.0005	0.00044 (J)				
2/14/2024	<0.0005	0.00025 (J)				
2/15/2024			<0.0005	<0.0005	<0.0005	<0.0005
8/7/2024	<0.0005	0.0014	<0.0005	<0.0005	<0.0005	<0.0005
2/13/2025					<0.0005	<0.0005
2/14/2025				<0.0005		
2/15/2025		0.00022 (J)	<0.0005			
2/16/2025	<0.0005					
8/6/2025	<0.0005	0.00017 (J)		<0.0005	<0.0005	<0.0005
8/7/2025			<0.0005			
2/5/2026	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005
2/6/2026			<0.0005			
Mean	0.0004404	0.0003193	0.0004581	0.0004006	0.0004554	0.0004533
Std. Dev.	0.0001286	0.0003651	0.0001221	0.0001722	0.0001285	0.000118
Upper Lim.	0.0005	0.00029	0.0005	0.0005	0.0005	0.0005
Lower Lim.	0.0002	0.00017	0.0002	0.0002	0.0001	0.0003

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	MW-19
3/14/2019	<0.0005
4/3/2019	<0.0005
9/27/2019	0.00013 (J)
3/4/2020	0.00026 (J)
3/26/2020	0.00019 (J)
9/21/2020	0.00018 (J)
2/12/2021	0.0002 (J)
3/17/2021	0.00016 (J)
8/18/2021	0.00027 (J)
2/9/2022	0.0011
8/4/2022	0.00022 (J)
1/26/2023	<0.0005
8/10/2023	0.00018 (J)
2/15/2024	<0.0005
8/8/2024	0.00017 (J)
2/13/2025	<0.0005
8/6/2025	<0.0005
2/4/2026	0.00017 (J)
Mean	0.0003461
Std. Dev.	0.0002406
Upper Lim.	0.0005
Lower Lim.	0.00017

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	<0.005	<0.005				
5/23/2016			<0.005	<0.005	<0.005	<0.005
7/12/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/1/2016	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
10/20/2016	<0.005	<0.005	<0.005			
10/24/2016				<0.005	<0.005	<0.005
12/6/2016	<0.005	<0.005	<0.005			
12/7/2016				<0.005	<0.005	<0.005
1/25/2017	<0.005	<0.005				
1/26/2017			<0.005	<0.005	<0.005	<0.005
3/21/2017	<0.005	0.0005 (J)				
3/22/2017			<0.005	<0.005	0.0003 (J)	0.0004 (J)
5/23/2017	<0.005	<0.005	<0.005			
5/24/2017				<0.005	<0.005	<0.005
4/3/2018	<0.005	<0.005	<0.005			
4/4/2018				<0.005	<0.005	<0.005
3/12/2019		<0.005				
3/13/2019	<0.005		<0.005	<0.005	<0.005	
3/14/2019						0.0025 (J)
4/2/2019	<0.005					
4/3/2019		<0.005	<0.005	0.02	<0.005	<0.005
9/24/2019		<0.005				
9/25/2019	0.071					
9/27/2019			<0.005	<0.005	<0.005	<0.005
3/3/2020		0.0007 (J)		<0.005	0.00061 (J)	<0.005
3/4/2020	0.0016 (J)		<0.005			
3/26/2020						<0.005
3/27/2020	0.0004 (J)	<0.005				
3/31/2020			0.00052 (J)		<0.005	
4/1/2020				<0.005		
9/16/2020	0.00074 (J)	0.0015 (J)		<0.005		
9/17/2020			<0.005			
9/18/2020					<0.005	0.00091 (J)
2/10/2021	0.0014 (J)					
2/12/2021					<0.005	<0.005
2/15/2021				<0.005		
2/16/2021		<0.005	0.00067 (J)			
3/12/2021				<0.005		
3/15/2021	0.0021 (J)	0.00082 (J)				
3/16/2021			<0.005		<0.005	<0.005
8/16/2021	<0.005					
8/17/2021			<0.005	<0.005		
8/18/2021		<0.005			<0.005	<0.005
2/9/2022			0.0011 (J)	0.0011 (J)	<0.005	<0.005
2/10/2022	<0.005	<0.005				
8/3/2022		<0.005		<0.005	<0.005	<0.005
8/4/2022			<0.005			
8/11/2022	<0.005					
1/26/2023			0.0013 (J)		0.0012 (J)	<0.005
1/27/2023	0.0014 (J)			0.0012 (J)		
2/1/2023		<0.005				
8/10/2023				<0.005	<0.005	<0.005

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
8/11/2023			<0.005			
8/12/2023	<0.005	<0.005				
2/14/2024	<0.005	<0.005				
2/15/2024			<0.005	<0.005	<0.005	<0.005
8/7/2024	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/13/2025					<0.005	<0.005
2/14/2025				0.0014 (J)		
2/15/2025		<0.005	<0.005			
2/16/2025	<0.005					
8/6/2025	<0.005	<0.005		<0.005	<0.005	<0.005
8/7/2025			<0.005			
2/5/2026	0.00025 (J)	<0.005		<0.005	0.00031 (J)	<0.005
2/6/2026			0.00059 (J)			
Mean	0.00644	0.00439	0.004229	0.005137	0.004349	0.004586
Std. Dev.	0.01302	0.001499	0.001654	0.003205	0.001597	0.001233
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0021	0.0015	0.0013	0.0014	0.0012	0.0025

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.005				
7/12/2016	<0.005				
9/1/2016	<0.005				
10/24/2016	<0.005				
12/7/2016	<0.005				
1/26/2017	<0.005				
3/22/2017	0.0004 (J)				
5/24/2017	<0.005				
4/4/2018	<0.005				
3/13/2019	<0.005		<0.005	<0.005	<0.005
3/14/2019		<0.005			
4/2/2019			<0.005		
4/3/2019		<0.005			
4/4/2019					<0.005
4/5/2019	<0.005				
4/8/2019				<0.005	
9/25/2019			<0.005		
9/26/2019	<0.005			0.00042 (J)	<0.005
9/27/2019		<0.005			
3/2/2020			0.00071 (J)		
3/4/2020	<0.005	0.00066 (J)		<0.005	<0.005
3/26/2020		0.00047 (J)			
3/27/2020			0.00051 (J)		
3/30/2020	0.00059 (J)			<0.005	
4/2/2020					<0.005
9/17/2020			<0.005		
9/18/2020					0.0007 (J)
9/21/2020	0.00056 (J)	0.0014 (J)		<0.005	
2/11/2021			<0.005		
2/12/2021		0.00059 (J)			
2/16/2021				<0.005	0.00082 (J)
2/22/2021	<0.005				
3/12/2021					<0.005
3/15/2021			0.00068 (J)		
3/17/2021	<0.005	0.0022 (J)		0.0017 (J)	
8/17/2021			<0.005		<0.005
8/18/2021		<0.005			
8/19/2021	<0.005			<0.005	
2/9/2022		<0.005			
2/10/2022	<0.005		<0.005	<0.005	<0.005
8/3/2022	<0.005			<0.005	<0.005
8/4/2022		<0.005	<0.005		
1/26/2023	<0.005	0.0011 (J)	<0.005	<0.005	
1/27/2023					<0.005
8/10/2023		<0.005	<0.005		
8/12/2023	<0.005			<0.005	<0.005
2/14/2024			<0.005		
2/15/2024		<0.005		<0.005	
2/16/2024	<0.005				<0.005
8/7/2024			<0.005		
8/8/2024	<0.005	<0.005		<0.005	<0.005
2/13/2025		<0.005			

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
2/15/2025			<0.005		<0.005
2/16/2025				<0.005	
2/17/2025	<0.005				
8/6/2025		<0.005	<0.005		<0.005
8/10/2025	<0.005			<0.005	
2/4/2026		<0.005		0.00031 (J)	
2/5/2026	<0.005				
2/6/2026			0.00024 (J)		0.00035 (J)
Mean	0.004502	0.00369	0.004008	0.004302	0.004271
Std. Dev.	0.001436	0.001939	0.001912	0.001629	0.00168
Upper Lim.	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00059	0.0011	0.00071	0.0017	0.00082

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	<0.005	0.00207 (J)				
5/23/2016			<0.005	<0.005	<0.005	<0.005
7/12/2016	0.0003 (J)	0.0019 (J)	0.0006 (J)	0.0006 (J)	0.0021 (J)	0.0018 (J)
9/1/2016	<0.005	0.0023 (J)	0.0007 (J)	0.0007 (J)	0.0025 (J)	0.0016 (J)
10/20/2016	0.0008 (J)	0.002 (J)	0.002 (J)			
10/24/2016				0.0009 (J)	0.0032 (J)	0.0017 (J)
12/6/2016	0.0009 (J)	0.0026 (J)	0.0011 (J)			
12/7/2016				0.0012 (J)	0.003 (J)	0.0021 (J)
1/25/2017	0.0005 (J)	0.002 (J)				
1/26/2017			0.0006 (J)	<0.005	0.0014 (J)	0.0016 (J)
3/21/2017	0.0005 (J)	0.0023 (J)				
3/22/2017			0.0005 (J)	0.0006 (J)	0.0014 (J)	0.0018 (J)
5/23/2017	0.0005 (J)	0.0023 (J)	0.0006 (J)			
5/24/2017				0.0006 (J)	0.0008 (J)	0.0015 (J)
4/3/2018	<0.005	<0.025	<0.005			
4/4/2018				<0.005	<0.005	<0.005
6/5/2018	0.00074 (J)			<0.005	0.00061 (J)	
6/6/2018		0.0017 (J)	0.00056 (J)			0.0012 (J)
10/2/2018	0.00091 (J)	0.0016 (J)	<0.005	<0.005		
10/3/2018					<0.005	0.0011 (J)
3/12/2019		0.002 (J)				
3/13/2019	0.00067 (J)		0.00065 (J)	<0.005	0.00098 (J)	
3/14/2019						0.0011 (J)
4/2/2019	0.00069 (J)					
4/3/2019		0.0019 (J)	0.00069 (J)	<0.005	0.0018 (J)	0.0011 (J)
9/24/2019		0.0015 (J)				
9/25/2019	0.0026 (J)					
9/27/2019			0.00057 (J)	<0.005	0.00071 (J)	0.0012 (J)
3/3/2020		0.002 (J)		<0.005	0.00087 (J)	0.0013 (J)
3/4/2020	0.0011 (J)		0.00053 (J)			
3/26/2020						0.0012 (J)
3/27/2020	0.00074 (J)	0.0018 (J)				
3/31/2020			0.00051 (J)		0.0014 (J)	
4/1/2020				<0.005		
9/16/2020	0.00065 (J)	0.0019 (J)		<0.005		
9/17/2020			0.0007 (J)			
9/18/2020					<0.005	0.0014 (J)
2/10/2021	0.00081 (J)					
2/12/2021					<0.005	0.0012 (J)
2/15/2021				<0.005		
2/16/2021		0.002 (J)	0.00061 (J)			
3/12/2021				<0.005		
3/15/2021	0.0014 (J)	0.0019 (J)				
3/16/2021			0.00069 (J)		<0.005	0.0012 (J)
8/16/2021	0.0012 (J)					
8/17/2021			0.00045 (J)	<0.005		
8/18/2021		0.002 (J)			<0.005	0.0012 (J)
2/9/2022			0.00051 (J)	<0.005	<0.005	0.0013 (J)
2/10/2022	0.0011 (J)	0.0021 (J)				
8/3/2022		0.0024 (J)		<0.005	<0.005	0.0012 (J)
8/4/2022			0.00046 (J)			
8/11/2022	0.0018 (J)					

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
1/26/2023			0.00068 (J)		<0.005	0.0012 (J)
1/27/2023	0.00067 (J)			<0.005		
2/1/2023		<0.025				
8/10/2023				<0.005	<0.005	0.0012 (J)
8/11/2023			0.00057 (J)			
8/12/2023	0.00061 (J)	0.0016 (J)				
2/14/2024	0.00084 (J)	0.0016 (J)				
2/15/2024			0.001 (J)	<0.005	<0.005	0.0013 (J)
8/7/2024	0.00043 (J)	0.0016 (J)	0.00066 (J)	<0.005	<0.005	0.0011 (J)
2/13/2025					<0.005	0.0015 (J)
2/14/2025				<0.005		
2/15/2025		0.0021 (J)	<0.005			
2/16/2025	<0.005					
8/6/2025	<0.005	0.0037 (J)		<0.005	<0.005	<0.005
8/7/2025			<0.005			
2/5/2026	0.0018 (J)	0.0013 (J)		<0.005	0.00032 (J)	0.0013 (J)
2/6/2026			0.00069 (J)			
Mean	0.00163	0.00273	0.001436	0.004124	0.003313	0.001479
Std. Dev.	0.001636	0.002741	0.00168	0.001748	0.00188	0.0004313
Upper Lim.	0.0018	0.0023	0.001	0.005	0.005	0.0016
Lower Lim.	0.00067	0.0018	0.00057	0.0012	0.0014	0.0012

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.00361 (J)				
7/12/2016	0.0032 (J)				
9/1/2016	0.0033 (J)				
10/24/2016	0.004 (J)				
12/7/2016	0.0034 (J)				
1/26/2017	0.0024 (J)				
3/22/2017	0.0026 (J)				
5/24/2017	0.0022 (J)				
4/4/2018	<0.01				
6/5/2018	0.0023 (J)				
10/5/2018	0.0015 (J)				
3/13/2019	0.0022 (J)		0.0011 (J)	<0.005	<0.005
3/14/2019		0.025			
4/2/2019			<0.005		
4/3/2019		0.036			
4/4/2019					9.1E-05 (J)
4/5/2019	0.0017 (J)				
4/8/2019				0.00025 (J)	
9/25/2019			<0.005		
9/26/2019	0.0042 (J)			0.0011 (J)	<0.005
9/27/2019		0.033			
3/2/2020			<0.005		
3/4/2020	0.0066	0.048		0.00056 (J)	0.00045 (J)
3/26/2020		0.045			
3/27/2020			<0.005		
3/30/2020	0.0053			<0.005	
4/2/2020					<0.005
9/17/2020			<0.005		
9/18/2020					<0.005
9/21/2020	0.0032 (J)	0.032		<0.005	
2/11/2021			<0.005		
2/12/2021		0.037			
2/16/2021				<0.005	0.0004 (J)
2/22/2021	0.003 (J)				
3/12/2021					<0.005
3/15/2021			<0.005		
3/17/2021	0.0029 (J)	0.037		<0.005	
8/17/2021			<0.005		<0.005
8/18/2021		0.039			
8/19/2021	0.0024 (J)			<0.005	
2/9/2022		0.03			
2/10/2022	0.0026 (J)		<0.005	<0.005	<0.005
8/3/2022	0.0041 (J)			<0.005	<0.005
8/4/2022		0.043	<0.005		
1/26/2023	0.012	0.022	<0.005	<0.005	
1/27/2023					<0.005
8/10/2023		0.027	<0.005		
8/12/2023	0.018			<0.005	<0.005
2/14/2024			<0.005		
2/15/2024		0.011		<0.005	
2/16/2024	0.023				<0.005
8/7/2024			<0.005		

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/8/2024	0.016	0.02		<0.005	<0.005
2/13/2025		0.017			
2/15/2025			<0.005		<0.005
2/16/2025				<0.005	
2/17/2025	0.0087				
8/6/2025		0.021	<0.005		<0.005
8/10/2025	0.01			<0.005	
2/4/2026		0.024		<0.005	
2/5/2026	0.012				
2/6/2026			<0.005		<0.005
Mean	0.005911	0.03039	0.004783	0.004273	0.004219
Std. Dev.	0.005429	0.01026	0.0009192	0.00168	0.001798
Upper Lim.	0.006139	0.03659	0.005	0.005	0.005
Lower Lim.	0.003124	0.02418	0.0011	0.0011	0.00045

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

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	0.62	0.56				
5/23/2016			0.826	0.419	0.509	1.12
7/12/2016	0.283	0.636	0.511	0.855	0.784	1.61
9/1/2016	0.703	0.818	0.762	0.844	0.261	1.23
10/20/2016	1.97	1.04	1.17			
10/24/2016				0.917	1.42	1.98
12/6/2016	2	0.771	0.126			
12/7/2016				0.558	0.781	0.319
1/25/2017	1.06	0.859				
1/26/2017			0.515	0.922	0.842	0.54
3/21/2017	0.668	0.851				
3/22/2017			0.451	0.751	0.318	0.635
5/23/2017	0.621 (U)	0.705 (U)	0.924 (U)			
5/24/2017				0.725 (U)	0.687 (U)	1.01
4/3/2018	0.538	0.311	0.732			
4/4/2018				0.715	1.5	0.956
6/5/2018	0.985 (U)			0.718 (U)	0.549 (U)	
6/6/2018		0.896 (U)	0.813 (U)			0.424 (U)
10/2/2018	0.837 (U)	1.21	0.61 (U)	0.948		
10/3/2018					1.48	0.57 (U)
3/12/2019		0.544 (U)				
3/13/2019	0.403 (U)		1 (U)	1.19 (U)	0.584 (U)	
3/14/2019						0.992 (U)
4/2/2019	0.865 (U)					
4/3/2019		0.885 (U)	0.156 (U)	1.82 (U)	0.36 (U)	0.734 (U)
9/24/2019		1.3				
9/25/2019	0.884 (U)					
9/27/2019			0.428 (U)	1.16 (U)	1.78	0.958 (U)
3/3/2020		0.835 (U)		0.667 (U)	0.716 (U)	0.971 (U)
3/4/2020	0.624 (U)		1.03			
3/26/2020						0.209 (U)
3/27/2020	0.485 (U)	1.04 (U)				
3/31/2020			1.2 (U)		1.3 (U)	
4/1/2020				0.235 (U)		
9/16/2020	0.135 (U)	0.526 (U)		0 (U)		
9/17/2020			1.38 (U)			
9/18/2020					1.24 (U)	0.916 (U)
2/10/2021	0.281 (U)					
2/12/2021					1.1	0.236 (U)
2/15/2021				1.91		
2/16/2021		0.764 (U)	1.17 (U)			
3/12/2021				1.12 (U)		
3/15/2021	0.666 (U)	1.3 (U)				
3/16/2021			0.446 (U)		1.71	0.245 (U)
8/16/2021	0.143 (U)					
8/17/2021			0.771 (U)	0.595 (U)		
8/18/2021		1.02 (U)			0.919 (U)	0.919 (U)
2/9/2022			0.198 (U)	0.49 (U)	0.444 (U)	0.564 (U)
2/10/2022	0.175 (U)	0.945 (U)				
8/3/2022		0.455 (U)		0.454 (U)	0.823 (U)	0.418 (U)
8/4/2022			0.597 (U)			
8/11/2022	0.461 (U)					

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
1/26/2023			0.516 (U)		0.441 (U)	0.877
1/27/2023	0.45 (U)			1.2		
2/1/2023		0.241 (U)				
8/10/2023				0.831 (U)	0.273 (U)	0.453 (U)
8/11/2023			0.867 (U)			
8/12/2023	0.729 (U)	0.767 (U)				
2/14/2024	0.401 (U)	0.529 (U)				
2/15/2024			0.461 (U)	0.31 (U)	0.819 (U)	0.364 (U)
8/7/2024	0.611 (U)	0.556 (U)	0.502 (U)	0.268 (U)	0.874 (U)	0.455 (U)
2/13/2025					0.491 (U)	0.725 (U)
2/14/2025				0.372 (U)		
2/15/2025		0.363 (U)	0.324 (U)			
2/16/2025	0.349 (U)					
8/6/2025	0.324 (U)	0 (U)		0.404 (U)	1.5 (U)	0.261 (U)
8/7/2025			0.441 (U)			
2/5/2026	0.317 (U)	1.08 (U)		1.06 (U)	0.69 (U)	0.541 (U)
2/6/2026			0.593 (U)			
Mean	0.641	0.752	0.6731	0.7744	0.8688	0.7321
Std. Dev.	0.4455	0.314	0.3254	0.4328	0.4475	0.4179
Upper Lim.	0.7684	0.8958	0.8222	0.9727	1.074	0.9236
Lower Lim.	0.4188	0.6081	0.524	0.5761	0.6638	0.5407

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.625				
7/12/2016	0.478				
9/1/2016	0.595				
10/24/2016	1.54				
12/7/2016	0.657				
1/26/2017	1.22				
3/22/2017	0.285				
5/24/2017	0.655 (U)				
4/4/2018	0.882 (U)				
6/5/2018	1.1 (U)				
10/5/2018	0.558 (U)				
3/13/2019	0.39 (U)		0.538 (U)	0.311 (U)	1.81
3/14/2019		0.347 (U)			
4/2/2019			1.02 (U)		
4/3/2019		0.884 (U)			
4/4/2019					1.33
4/5/2019	0.422 (U)				
4/8/2019				0.573 (U)	
9/25/2019			1.35 (U)		
9/26/2019	0.939 (U)			0.878 (U)	0.974 (U)
9/27/2019		0.534 (U)			
3/2/2020			0.653 (U)		
3/4/2020	0.708 (U)	1.04		0.333 (U)	1.12
3/26/2020		1.1 (U)			
3/27/2020			0.1 (U)		
3/30/2020	0.602 (U)			0.107 (U)	
4/2/2020					2.48
9/17/2020			0.469 (U)		
9/18/2020					1.13 (U)
9/21/2020	1.53	1.36 (U)		1.23 (U)	
2/11/2021			0.334 (U)		
2/12/2021		0.764 (U)			
2/16/2021				0.156 (U)	1.21
2/22/2021	1.02				
3/12/2021					0.649 (U)
3/15/2021			1.24 (U)		
3/17/2021	1.45 (U)	0.466 (U)		0.174 (U)	
8/17/2021			0.709 (U)		1.06 (U)
8/18/2021		0.642 (U)			
8/19/2021	0.764 (U)			0.227 (U)	
2/9/2022		0.245 (U)			
2/10/2022	0.442 (U)		0.32 (U)	0.178 (U)	0.809 (U)
8/3/2022	0.54 (U)			0.263 (U)	0.685 (U)
8/4/2022		0.509 (U)	1.05 (U)		
1/26/2023	0.719	0.333 (U)	0.561 (U)	0.0906 (U)	
1/27/2023					1.1
8/10/2023		0.437 (U)	0.469 (U)		
8/12/2023	0.58 (U)			0.481 (U)	0.645 (U)
2/14/2024			0.341 (U)		
2/15/2024		0.459 (U)		0.5 (U)	
2/16/2024	0.338 (U)				1.31
8/7/2024			0.54 (U)		

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/8/2024	0.561 (U)	0.44 (U)		0.338 (U)	0.461 (U)
2/13/2025		0.709 (U)			
2/15/2025			1.21 (U)		0.666 (U)
2/16/2025				0.271 (U)	
2/17/2025	1.01 (U)				
8/6/2025		0.656 (U)	0.527 (U)		0.816 (U)
8/10/2025	0.428 (U)			0.625 (U)	
2/4/2026		0.783 (U)		0.526 (U)	
2/5/2026	0.113 (U)				
2/6/2026			0.371 (U)		0.933 (U)
Mean	0.7293	0.6504	0.6557	0.4034	1.066
Std. Dev.	0.3672	0.2968	0.3637	0.2924	0.4782
Upper Lim.	0.8976	0.83	0.8757	0.532	1.301
Lower Lim.	0.5611	0.4709	0.4356	0.2223	0.7781

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 2:04 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	0.0828 (J)	0.499				
5/23/2016			<0.3	0.0394 (J)	0.203 (J)	0.212 (J)
7/12/2016	0.2 (J)	0.67	0.24 (J)	0.15 (J)	0.44	0.31
9/1/2016	0.51	0.94	0.46	0.5	0.67	0.62
10/20/2016	0.4	0.56	0.56			
10/24/2016				0.06 (J)	0.26 (J)	0.19 (J)
12/6/2016	0.26 (J)	0.76	0.31			
12/7/2016				0.44	0.55	0.73
1/25/2017	0.24 (J)	1.1				
1/26/2017			0.004 (J)	0.29 (J)	0.27 (J)	0.12 (J)
3/21/2017	0.13 (J)	0.46				
3/22/2017			0.28 (J)	0.34	0.66	0.44
5/23/2017	0.11 (J)	0.65	0.29 (J)			
5/24/2017				0.13 (J)	0.35	0.34
10/3/2017	0.17 (J)	0.66	0.53	0.46	0.56	0.58
4/3/2018	<0.3	0.39	<0.3			
4/4/2018				<0.1	0.39	<0.3
6/5/2018	0.099 (J)			<0.1	0.24 (J)	
6/6/2018		0.46	0.12 (J)			0.21 (J)
10/2/2018	<0.3	0.51	0.031 (J)	0.17 (J)		
10/3/2018					0.31	0.15 (J)
3/12/2019		0.58				
3/13/2019	0.12 (J)		0.14 (J)	0.17 (J)	0.51	
3/14/2019						1.1
4/2/2019	0.097 (J)					
4/3/2019		0.63	0.14 (J)	0.082 (J)	0.43	0.3 (J)
9/24/2019		0.49				
9/25/2019	0.1 (J)					
9/27/2019			0.26 (J)	0.17 (J)	0.42	0.26 (J)
3/3/2020		0.45		0.11 (J)	0.24 (J)	0.21 (J)
3/4/2020	0.077 (J)		0.08 (J)			
3/26/2020						0.17 (J)
3/27/2020	0.059 (J)	0.46				
3/31/2020			0.074 (J)		0.19 (J)	
4/1/2020				0.12 (J)		
6/16/2020		0.45				
6/17/2020	0.077 (J)					
9/16/2020	0.081 (J)	0.53		<0.1		
9/17/2020			0.1			
9/18/2020					0.15	0.15
2/10/2021	0.085 (J)					
2/12/2021					0.17	0.19
2/15/2021				0.08 (J)		
2/16/2021		0.47	0.096 (J)			
3/12/2021				0.054 (J)		
3/15/2021	0.086 (J)	0.51				
3/16/2021			0.098 (J)		0.21	0.2
8/16/2021	0.084 (J)					
8/17/2021			0.095 (J)	<0.1		
8/18/2021		0.41			0.21	0.15
2/9/2022			0.1	0.12	0.2	0.2
2/10/2022	0.083 (J)	0.42				

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
8/3/2022		0.44		0.13	0.22	0.21
8/4/2022			0.13			
8/11/2022	0.11					
1/26/2023			0.11		0.2	0.21
1/27/2023	0.1			0.16		
2/1/2023		0.4				
8/10/2023				0.05 (J)	0.15	0.17
8/11/2023			0.12			
8/12/2023	0.071 (J)	0.59				
2/14/2024	0.081 (J)	0.3				
2/15/2024			0.087 (J)	0.12	0.21	0.19
8/7/2024	0.074 (J)	0.37	0.084 (J)	0.075 (J)	0.11	0.17
2/13/2025					0.3 (M1)	0.24
2/14/2025				0.086 (J)		
2/15/2025		0.24	0.071 (J)			
2/16/2025	0.056 (J)					
8/6/2025	0.11	0.22		0.16	0.22	0.32
8/7/2025			0.1			
2/5/2026	0.11	0.39		0.12	0.22	0.22
2/6/2026			0.098 (J)			
Mean	0.1343	0.5164	0.1703	0.1529	0.3088	0.2904
Std. Dev.	0.09944	0.1818	0.1392	0.1265	0.1546	0.2122
Upper Lim.	0.13	0.5806	0.1974	0.1619	0.3594	0.3
Lower Lim.	0.0828	0.4297	0.09502	0.08513	0.2317	0.19

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	0.2587 (J)				
7/12/2016	0.53				
9/1/2016	0.74				
10/24/2016	0.31				
12/7/2016	1				
1/26/2017	0.68				
3/22/2017	0.76				
5/24/2017	0.54				
10/3/2017	0.83				
4/4/2018	0.65				
6/5/2018	0.47				
10/5/2018	0.77				
3/13/2019	0.78		0.072 (J)	0.074 (J)	0.28 (J)
3/14/2019		0.35			
4/2/2019			<0.1		
4/3/2019		0.19 (J)			
4/4/2019					0.26 (J)
4/5/2019	0.83				
4/8/2019				0.048 (J)	
9/25/2019			<0.1		
9/26/2019	0.64			0.18 (J)	0.42
9/27/2019		0.53			
3/2/2020			<0.1		
3/4/2020	0.37	0.096 (J)		0.051 (J)	0.25 (J)
3/26/2020		0.12 (J)			
3/27/2020			<0.1		
3/30/2020	0.44			0.064 (J)	
4/2/2020					0.24 (J)
9/17/2020			<0.1		
9/18/2020					0.22
9/21/2020	0.44	0.17		<0.1	
2/11/2021			<0.1		
2/12/2021		0.16			
2/16/2021				<0.1	0.25
2/22/2021	0.55				
3/12/2021					0.24
3/15/2021			<0.1		
3/17/2021	0.65	0.18		<0.1	
8/17/2021			<0.1		0.24
8/18/2021		0.12			
8/19/2021	0.53			<0.1	
2/9/2022		0.076 (J)			
2/10/2022	0.53		<0.1	0.051 (J)	0.25
8/3/2022	0.55			0.075 (J)	0.27
8/4/2022		0.18	0.074 (J)		
1/26/2023	0.4	0.098 (J)	0.081 (J)	0.083 (J)	
1/27/2023					0.3
8/10/2023		0.14	<0.1		
8/12/2023	0.32			0.08 (J)	0.26
2/14/2024			0.06 (J)		
2/15/2024		0.06 (J)		0.12	
2/16/2024	0.33				0.2

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
8/7/2024			<0.1		
8/8/2024	0.38	0.17		0.054 (J)	0.21
2/13/2025		0.075 (J)			
2/15/2025			<0.1		0.17
2/16/2025				0.11	
2/17/2025	0.4				
8/6/2025		0.16	0.083 (J)		0.32
8/10/2025	0.44			0.084 (J)	
2/4/2026		0.15		0.12	
2/5/2026	0.39				
2/6/2026			0.065 (J)		0.25
Mean	0.5503	0.1681	0.09083	0.08856	0.2572
Std. Dev.	0.1862	0.1111	0.01419	0.03264	0.05345
Upper Lim.	0.634	0.1997	0.1	0.09733	0.2865
Lower Lim.	0.4666	0.1056	0.074	0.05872	0.225

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	<0.001	<0.001				
5/23/2016			<0.001	<0.001	<0.001	<0.001
7/12/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
9/1/2016	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
10/20/2016	<0.001	<0.001	<0.001			
10/24/2016				<0.001	<0.001	<0.001
12/6/2016	0.0001 (J)	<0.001	0.0002 (J)			
12/7/2016				<0.001	<0.001	<0.001
1/25/2017	0.0001 (J)	<0.001				
1/26/2017			0.0001 (J)	<0.001	<0.001	<0.001
3/21/2017	9E-05 (J)	<0.001				
3/22/2017			<0.001	<0.001	0.0003 (J)	<0.001
5/23/2017	8E-05 (J)	<0.001	0.0001 (J)			
5/24/2017				<0.001	9E-05 (J)	<0.001
4/3/2018	<0.001	<0.001	<0.001			
4/4/2018				<0.001	<0.001	<0.001
3/12/2019		<0.001				
3/13/2019	<0.001		<0.001	<0.001	<0.001	
3/14/2019						<0.001
4/2/2019	<0.001					
3/3/2020		0.00013 (J)		<0.001	0.00021 (J)	5.6E-05 (J)
3/4/2020	0.00051 (J)		8.4E-05 (J)			
3/26/2020						0.00043 (J)
3/27/2020	5.4E-05 (J)	<0.001				
3/31/2020			0.00014 (J)		0.0003 (J)	
4/1/2020				5E-05 (J)		
9/16/2020	0.0002 (J)	0.0002 (J)		<0.001		
9/17/2020			0.00022 (J)			
9/18/2020					6E-05 (J)	9.6E-05 (J)
2/10/2021	0.00056 (J)					
2/12/2021					<0.001	6.7E-05 (J)
2/15/2021				<0.001		
2/16/2021		8.6E-05 (J)	0.0002 (J)			
3/12/2021				<0.001		
3/15/2021	0.0013	0.00011 (J)				
3/16/2021			0.00027 (J)		9.9E-05 (J)	8.9E-05 (J)
8/16/2021	<0.001					
8/17/2021			<0.001	<0.001		
8/18/2021		<0.001			<0.001	<0.001
2/9/2022			<0.001	<0.001	<0.001	<0.001
2/10/2022	<0.001	<0.001				
8/3/2022		<0.001		<0.001	<0.001	<0.001
8/4/2022			<0.001			
8/11/2022	<0.001					
1/26/2023			<0.001		<0.001	<0.001
1/27/2023	<0.001			<0.001		
2/1/2023		<0.001				
8/10/2023				<0.001	<0.001	<0.001
8/11/2023			<0.001			
8/12/2023	<0.001	<0.001				
2/14/2024	<0.001	<0.001				
2/15/2024			<0.001	<0.001	<0.001	<0.001

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
8/7/2024	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2025					<0.001	<0.001
2/14/2025				<0.001		
2/15/2025		<0.001	<0.001			
2/16/2025	<0.001					
8/6/2025	<0.001	<0.001		<0.001	<0.001	<0.001
8/7/2025			<0.001			
2/5/2026	<0.001	<0.001		<0.001	<0.001	<0.001
2/6/2026			<0.001			
Mean	0.000769	0.000861	0.0007326	0.000962	0.0008024	0.0008295
Std. Dev.	0.0003983	0.0003254	0.0003996	0.00019	0.0003623	0.000354
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00051	0.0002	0.00022	5E-05	0.0003	0.00043

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
5/23/2016	<0.001				
7/12/2016	<0.001				
9/1/2016	<0.001				
10/24/2016	<0.001				
12/7/2016	<0.001				
1/26/2017	<0.001				
3/22/2017	7E-05 (J)				
5/24/2017	<0.001				
4/4/2018	<0.001				
3/13/2019	<0.001		<0.001	<0.001	<0.001
3/14/2019		<0.001			
3/2/2020			0.00017 (J)		
3/4/2020	0.00014 (J)	0.00011 (J)		0.00019 (J)	<0.001
3/26/2020		<0.001			
3/27/2020			0.00013 (J)		
3/30/2020	0.0001 (J)			6.4E-05 (J)	
4/2/2020					0.00013 (J)
9/17/2020			<0.001		
9/18/2020					<0.001
9/21/2020	0.00015 (J)	8.5E-05 (J)		4.2E-05 (J)	
2/11/2021			3.9E-05 (J)		
2/12/2021		7.1E-05 (J)			
2/16/2021				0.00012 (J)	0.00043 (J)
2/22/2021	0.00018 (J)				
3/12/2021					<0.001
3/15/2021			0.0001 (J)		
3/17/2021	0.00015 (J)	3.8E-05 (J)		4E-05 (J)	
8/17/2021			<0.001		<0.001
8/18/2021		<0.001			
8/19/2021	<0.001			<0.001	
2/9/2022		<0.001			
2/10/2022	<0.001		<0.001	<0.001	<0.001
8/3/2022	<0.001			<0.001	<0.001
8/4/2022		<0.001	<0.001		
1/26/2023	<0.001	<0.001	<0.001	<0.001	
1/27/2023					<0.001
8/10/2023		<0.001	<0.001		
8/12/2023	<0.001			<0.001	<0.001
2/14/2024			<0.001		
2/15/2024		<0.001		<0.001	
2/16/2024	<0.001				<0.001
8/7/2024			<0.001		
8/8/2024	<0.001	<0.001		<0.001	<0.001
2/13/2025		<0.001			
2/15/2025			<0.001		<0.001
2/16/2025				<0.001	
2/17/2025	<0.001				
8/6/2025		<0.001	<0.001		<0.001
8/10/2025	0.00033 (J)			<0.001	
2/4/2026		<0.001		<0.001	
2/5/2026	<0.001				
2/6/2026			<0.001		<0.001

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-20	MW-24D	MW-27D
Mean	0.0007648	0.000769	0.0007774	0.000716	0.00091
Std. Dev.	0.0003872	0.0004134	0.0003989	0.0004363	0.000252
Upper Lim.	0.001	0.001	0.001	0.001	0.001
Lower Lim.	0.00033	8.5E-05	0.00013	6.4E-05	0.00043

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-12	HGWC-13	MW-19
5/20/2016	<0.002	<0.002				
5/23/2016			<0.002	0.0107 (J)	0.0422 (J)	
7/12/2016	0.0021 (J)	0.0023 (J)	0.004 (J)	0.0113 (J)	0.0366 (J)	
9/1/2016	0.0025 (J)	0.0029 (J)	0.0044 (J)	0.0118 (J)	0.04 (J)	
10/20/2016	0.0021 (J)	0.0027 (J)	0.0027 (J)			
10/24/2016				0.0114 (J)	0.0435 (J)	
12/6/2016	0.0026 (J)	0.0032 (J)	0.005 (J)			
12/7/2016				0.0155 (J)	0.0477 (J)	
1/25/2017	0.0024 (J)	0.0026 (J)				
1/26/2017			0.0042 (J)	0.0099 (J)	0.0342 (J)	
3/21/2017	0.0026 (J)	0.0029 (J)				
3/22/2017			0.0043 (J)	0.0098 (J)	0.0353 (J)	
5/23/2017	0.0026 (J)	0.0029 (J)	0.0048 (J)			
5/24/2017				0.0105 (J)	0.0317 (J)	
4/3/2018	0.0023 (J)	0.0025 (J)	0.0043 (J)			
4/4/2018				0.008 (J)	0.031 (J)	
6/5/2018	0.0022 (J)				0.031 (J)	
6/6/2018		0.0023 (J)	0.0043 (J)	0.0095 (J)		
10/2/2018	0.003 (J)	0.0025 (J)	0.004 (J)			
10/3/2018				0.0083 (J)		
10/5/2018					0.027 (J)	
3/12/2019		0.0025 (J)				
3/13/2019	0.0024 (J)		0.004 (J)		0.029 (J)	
3/14/2019				0.0058 (J)		0.0089 (J)
4/2/2019	0.002 (J)					
4/3/2019		0.0025 (J)	0.004 (J)	0.0066 (J)		0.0061 (J)
4/5/2019					0.023 (J)	
9/24/2019		0.0024 (J)				
9/25/2019	0.0019 (J)					
9/26/2019					0.035	
9/27/2019			0.0044 (J)	0.011 (J)		0.013 (J)
3/3/2020		0.0028 (J)		0.0063 (J)		
3/4/2020	0.0034 (J)		0.004 (J)		0.041	0.01 (J)
3/26/2020				0.0063 (J)		0.013 (J)
3/27/2020	0.002 (J)	0.0026 (J)				
3/30/2020					0.038	
3/31/2020			0.0043 (J)			
9/16/2020	0.0026 (J)	0.0033 (J)				
9/17/2020			0.004 (J)			
9/18/2020				0.01 (J)		
9/21/2020					0.028 (J)	0.013 (J)
2/10/2021	0.0032 (J)					
2/12/2021				0.0094 (J)		0.012 (J)
2/16/2021		0.0027 (J)	0.0045 (J)			
2/22/2021					0.032	
3/15/2021	0.0038 (J)	0.0029 (J)				
3/16/2021			0.0046 (J)	0.0081 (J)		
3/17/2021					0.031	0.012 (J)
8/16/2021	0.0025 (J)					
8/17/2021			0.004 (J)			
8/18/2021		0.0029 (J)		0.0099 (J)		0.014 (J)
8/19/2021					0.028 (J)	

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-12	HGWC-13	MW-19
2/9/2022			0.0041 (J)	0.01 (J)		0.0067 (J)
2/10/2022	0.0022 (J)	0.003 (J)			0.031	
8/3/2022		0.0026 (J)		0.0068 (J)	0.029 (J)	
8/4/2022			0.0036 (J)			0.013 (J)
8/11/2022	0.0019 (J)					
1/26/2023			0.0032 (J)	0.0058 (J)	0.04	0.0038 (J)
1/27/2023	0.0018 (J)					
2/1/2023		0.0015 (J)				
8/10/2023				0.0075 (J)		0.011 (J)
8/11/2023			0.0035 (J)			
8/12/2023	0.0023 (J)	0.0014 (J)			0.051	
2/14/2024	0.0016 (J)	<0.002				
2/15/2024			0.0031 (J)	0.008 (J)		<0.002
2/16/2024					0.052	
8/7/2024	0.0026 (J)	<0.002	0.003 (J)	0.0089 (J)		
8/8/2024					0.052	0.011 (J)
2/13/2025				0.00909 (J)		<0.002
2/15/2025		0.000838 (J)	0.00343 (J)			
2/16/2025	0.00167 (J)					
2/17/2025					0.0325	
8/6/2025	0.00189 (J)	<0.002		0.00838		0.00411
8/7/2025			0.00232			
8/10/2025					0.0333	
2/4/2026						0.00791
2/5/2026	0.0021	0.000661 (J)		0.0103	0.0454	
2/6/2026			0.00296			
Mean	0.002319	0.002255	0.003793	0.009133	0.03626	0.008973
Std. Dev.	0.0005649	0.0008037	0.000835	0.002136	0.007908	0.004269
Upper Lim.	0.002578	0.002714	0.00419	0.01011	0.03988	0.01175
Lower Lim.	0.002061	0.002195	0.003545	0.008155	0.03263	0.007576

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	MW-20	MW-24D	MW-27D
3/13/2019	0.0016 (J)	0.0029 (J)	0.0097 (J)
4/2/2019	0.0015 (J)		
4/4/2019			0.0069 (J)
4/8/2019		0.0027 (J)	
9/25/2019	<0.002		
9/26/2019		0.003 (J)	0.0055 (J)
3/2/2020	0.00082 (J)		
3/4/2020		0.0026 (J)	0.0047 (J)
3/27/2020	0.0012 (J)		
3/30/2020		0.0027 (J)	
4/2/2020			0.0068 (J)
9/17/2020	<0.002		
9/18/2020			0.0084 (J)
9/21/2020		0.0024 (J)	
2/11/2021	0.001 (J)		
2/16/2021		0.0028 (J)	0.0078 (J)
3/12/2021			0.009 (J)
3/15/2021	0.0011 (J)		
3/17/2021		0.0027 (J)	
8/17/2021	0.00091 (J)		0.0079 (J)
8/19/2021		0.0027 (J)	
2/10/2022	0.00099 (J)	0.0029 (J)	0.0086 (J)
8/3/2022		0.0024 (J)	0.0063 (J)
8/4/2022	0.00075 (J)		
1/26/2023	<0.002	0.0025 (J)	
1/27/2023			0.0072 (J)
8/10/2023	<0.002		
8/12/2023		0.003 (J)	0.0072 (J)
2/14/2024	<0.002		
2/15/2024		0.0031 (J)	
2/16/2024			0.011 (J)
8/7/2024	<0.002		
8/8/2024		0.0029 (J)	0.011 (J)
2/15/2025	0.00094 (J)		0.0115 (J)
2/16/2025		0.00274 (J)	
8/6/2025	<0.002		0.00482
8/10/2025		0.00352	
2/4/2026		0.00275	
2/6/2026	0.00101 (J)		0.00878
Mean	0.001434	0.002795	0.00795
Std. Dev.	0.000507	0.0002672	0.00202
Upper Lim.	0.002	0.002957	0.009172
Lower Lim.	0.00094	0.002633	0.006728

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-9	HGWC-10	HGWC-11	HGWC-13
5/23/2016	<0.0002	<0.0002	<0.0002	<0.0002
7/12/2016	<0.0002	<0.0002	<0.0002	<0.0002
9/1/2016	<0.0002	<0.0002	<0.0002	<0.0002
10/20/2016	<0.0002			
10/24/2016		<0.0002	<0.0002	<0.0002
12/6/2016	<0.0002			
12/7/2016		<0.0002	<0.0002	<0.0002
1/26/2017	4E-05 (J)	5E-05 (J)	5E-05 (J)	4E-05 (J)
3/22/2017	<0.0002	<0.0002	<0.0002	<0.0002
5/23/2017	<0.0002			
5/24/2017		<0.0002	<0.0002	5E-05 (J)
4/3/2018	<0.0002			
4/4/2018		<0.0002	<0.0002	<0.0002
3/13/2019	<0.0002	<0.0002	<0.0002	<0.0002
9/27/2019		<0.0002		
3/3/2020		<0.0002	<0.0002	
3/4/2020	<0.0002			<0.0002
2/12/2021			<0.0002	
2/15/2021		<0.0002		
2/16/2021	<0.0002			
2/22/2021				<0.0002
2/9/2022	<0.0002	<0.0002	<0.0002	
2/10/2022				<0.0002
8/3/2022		<0.0002	<0.0002	<0.0002
8/4/2022	<0.0002			
1/26/2023	<0.0002		<0.0002	<0.0002
1/27/2023		<0.0002		
8/10/2023		<0.0002	<0.0002	
8/11/2023	<0.0002			
8/12/2023				<0.0002
2/15/2024	<0.0002	<0.0002	<0.0002	
2/16/2024				<0.0002
8/7/2024	<0.0002	<0.0002	<0.0002	
8/8/2024				<0.0002
2/13/2025			<0.0002	
2/14/2025		<0.0002		
2/15/2025	<0.0002			
2/17/2025				<0.0002
8/6/2025		<0.0002	<0.0002	
8/7/2025	<0.0002			
8/10/2025				<0.0002
2/5/2026		<0.0002	<0.0002	<0.0002
2/6/2026	<0.0002			
Mean	0.0001924	0.0001932	0.0001929	0.0001852
Std. Dev.	3.491E-05	3.198E-05	3.273E-05	4.665E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002
Lower Lim.	4E-05	5E-05	5E-05	5E-05

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
5/20/2016	0.028	0.446				
5/23/2016			0.0187	<0.01	0.0164	0.0413 (J)
7/12/2016	0.0273	0.455	0.0229	0.0013 (J)	0.0251	0.0484
9/1/2016	0.0274	0.481	0.0239	<0.01	0.0259	0.0474
10/20/2016	0.036	0.472	0.477			
10/24/2016				<0.01	0.0293	0.047
12/6/2016	0.0365	0.52	0.0236			
12/7/2016				<0.01	0.0209	0.0432
1/25/2017	0.0317	0.478				
1/26/2017			0.0234	<0.01	0.0277	0.0484
3/21/2017	0.0346	0.547				
3/22/2017			0.0219	0.0013 (J)	0.011	0.0494
5/23/2017	0.0336	0.482	0.0242			
5/24/2017				0.0014 (J)	0.0373	0.047
4/3/2018	0.032	0.44	0.025			
4/4/2018				<0.01	0.013	0.052
6/5/2018	0.036			<0.01	0.029	
6/6/2018		0.49	0.027			0.054
10/2/2018	0.039	0.47	0.028	<0.01		
10/3/2018					0.02	0.054
3/12/2019		0.5				
3/13/2019	0.04		0.028	<0.01	0.012	
3/14/2019						0.046
4/2/2019	0.041					
4/3/2019		0.5	0.03	0.0021 (J)	0.01	0.049
9/24/2019		0.54				
9/25/2019	0.047					
9/27/2019			0.033	0.0014 (J)	0.016	0.052
3/3/2020		0.44		<0.01	0.011	0.045
3/4/2020	0.045		0.031			
3/26/2020						0.045
3/27/2020	0.044	0.42				
3/31/2020			0.031		0.0074 (J)	
4/1/2020				<0.01		
6/16/2020		0.45				
6/17/2020	0.048					
9/16/2020	0.046	0.43		0.0014 (J)		
9/17/2020			0.03			
9/18/2020					0.032	0.046
2/10/2021	0.051					
2/12/2021					0.023	0.048
2/15/2021				<0.01		
2/16/2021		0.46	0.035			
3/12/2021				0.0007 (J)		
3/15/2021	0.047	0.41				
3/16/2021			0.035		0.015	0.044
8/16/2021	0.045					
8/17/2021			0.035	0.0012 (J)		
8/18/2021		0.48			0.038	0.045
2/9/2022			0.034	<0.01	0.03	0.042
2/10/2022	0.045	0.34				
8/3/2022		0.29		0.00079 (J)	0.027	0.047

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-7	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12
8/4/2022			0.033			
8/11/2022	0.044					
1/26/2023			0.021		0.022	0.048
1/27/2023	0.039			<0.01		
2/1/2023		0.29				
8/10/2023				0.0014 (J)	0.014	0.05
8/11/2023			0.03			
8/12/2023	0.033	0.34				
2/14/2024	0.028	0.18				
2/15/2024			0.01	<0.01	0.029	0.046
8/7/2024	0.03	0.28	0.015	0.0012 (J)	0.01 (J)	0.044
2/13/2025					0.041	0.044
2/14/2025				<0.01		
2/15/2025		0.17	0.013			
2/16/2025	0.019					
8/6/2025	0.017	0.047		<0.01	0.0025 (J)	0.037
8/7/2025			0.005 (J)			
2/5/2026	0.017	0.21		<0.01	0.013	0.042
2/6/2026			0.0095 (J)			
Mean	0.03627	0.4019	0.04049	0.006696	0.02098	0.04662
Std. Dev.	0.009312	0.1236	0.08435	0.004307	0.009983	0.003816
Upper Lim.	0.04046	0.4619	0.031	0.01	0.02556	0.04837
Lower Lim.	0.03208	0.3733	0.0219	0.0014	0.01641	0.04488

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-24D	MW-27D
5/23/2016	0.027			
7/12/2016	0.0316			
9/1/2016	0.0336			
10/24/2016	0.0352			
12/7/2016	0.0383			
1/26/2017	0.041			
3/22/2017	0.0426			
5/24/2017	0.04			
4/4/2018	0.027			
6/5/2018	0.027			
10/5/2018	0.033			
3/13/2019	0.033		<0.01	<0.01
3/14/2019		0.057		
4/3/2019		0.04		
4/4/2019				0.0018 (J)
4/5/2019	0.03			
4/8/2019			0.00027 (J)	
9/26/2019	0.026		<0.01	0.0042 (J)
9/27/2019		0.063		
3/4/2020	0.03	0.032	<0.01	0.0058 (J)
3/26/2020		0.033		
3/30/2020	0.029		<0.01	
4/2/2020				0.003 (J)
9/18/2020				0.0018 (J)
9/21/2020	0.032	0.064	0.00099 (J)	
2/12/2021		0.046		
2/16/2021			0.00096 (J)	0.0019 (J)
2/22/2021	0.036			
3/12/2021				0.0008 (J)
3/17/2021	0.035	0.043	0.001 (J)	
8/17/2021				0.0016 (J)
8/18/2021		0.032		
8/19/2021	0.032		0.00087 (J)	
2/9/2022		0.011		
2/10/2022	0.033		0.0008 (J)	0.0017 (J)
8/3/2022	0.035		0.00095 (J)	0.002 (J)
8/4/2022		0.039		
1/26/2023	0.023	0.012	0.0012 (J)	
1/27/2023				0.0014 (J)
8/10/2023		0.033		
8/12/2023	0.016		0.0019 (J)	0.0019 (J)
2/15/2024		<0.01	0.0085 (J)	
2/16/2024	0.013			0.0052 (J)
8/8/2024	0.011	0.046	0.0016 (J)	0.0052 (J)
2/13/2025		<0.01		
2/15/2025				0.022
2/16/2025			0.0067 (J)	
2/17/2025	0.015			
8/6/2025		0.013		0.034
8/10/2025	0.018		0.0035 (J)	
2/4/2026		0.02	0.0064 (J)	
2/5/2026	0.011			

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-13	MW-19	MW-24D	MW-27D
2/6/2026				0.015
Mean	0.02877	0.033	0.004202	0.00635
Std. Dev.	0.008939	0.01882	0.003951	0.008759
Upper Lim.	0.03286	0.04439	0.0085	0.006555
Lower Lim.	0.02467	0.02161	0.00095	0.001919

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12	HGWC-13
5/20/2016	<0.005					
5/23/2016		<0.005	<0.005	0.0106	<0.005	<0.005
7/12/2016	<0.005	<0.005	<0.005	0.0057 (J)	<0.005	<0.005
9/1/2016	<0.005	<0.005	<0.005	0.0057 (J)	<0.005	<0.005
10/20/2016	<0.005	<0.005				
10/24/2016			<0.005	0.0021 (J)	<0.005	<0.005
12/6/2016	0.0024 (J)	0.0037 (J)				
12/7/2016			<0.005	0.0015 (J)	0.0011 (J)	<0.005
1/25/2017	<0.005					
1/26/2017		<0.005	0.0041 (J)	0.0062 (J)	<0.005	<0.005
3/21/2017	<0.005					
3/22/2017		<0.005	<0.005	0.0263	<0.005	<0.005
5/23/2017	<0.005	<0.005				
5/24/2017			<0.005	0.0038 (J)	<0.005	<0.005
4/3/2018	<0.005	<0.005				
4/4/2018			<0.005	0.021	<0.005	<0.005
6/5/2018			<0.005	0.0062 (J)		<0.005
6/6/2018	<0.005	<0.005			<0.005	
10/2/2018	<0.005	<0.005	0.0023 (J)			
10/3/2018				0.009 (J)	<0.005	
10/5/2018						<0.005
3/12/2019	<0.005					
3/13/2019		<0.005	0.0015 (J)	0.023		<0.005
3/14/2019					<0.005	
4/3/2019	<0.005	<0.005	<0.005	0.016	<0.005	
4/5/2019						0.00018 (J)
9/24/2019	<0.005					
9/26/2019						<0.005
9/27/2019		<0.005	<0.005	0.013	<0.005	
3/3/2020	<0.005		<0.005	0.016	<0.005	
3/4/2020		<0.005				<0.005
3/26/2020					<0.005	
3/27/2020	<0.005					
3/30/2020						<0.005
3/31/2020		<0.005		0.019		
4/1/2020			0.002 (J)			
9/16/2020	<0.005		<0.005			
9/17/2020		<0.005				
9/18/2020				0.0042 (J)	<0.005	
9/21/2020						0.0016 (J)
2/12/2021				0.0079 (J)	<0.005	
2/15/2021			0.0028 (J)			
2/16/2021	<0.005	<0.005				
2/22/2021						<0.005
3/12/2021			<0.005			
3/15/2021	<0.005					
3/16/2021		<0.005		0.015	<0.005	
3/17/2021						<0.005
8/17/2021		<0.005	<0.005			
8/18/2021	<0.005			0.0033 (J)	<0.005	
8/19/2021						<0.005
2/9/2022		<0.005	0.0031 (J)	0.0035 (J)	<0.005	

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-8	HGWC-9	HGWC-10	HGWC-11	HGWC-12	HGWC-13
2/10/2022	<0.005					<0.005
8/3/2022	<0.005		0.0017 (J)	0.0057	<0.005	<0.005
8/4/2022		<0.005				
1/26/2023		<0.005		0.01	<0.005	<0.005
1/27/2023			0.0035 (J)			
2/1/2023	<0.005					
8/10/2023			<0.005	0.0089	<0.005	
8/11/2023		<0.005				
8/12/2023	<0.005					<0.005
2/14/2024	<0.005					
2/15/2024		<0.005	0.0038 (J)	0.0063	<0.005	
2/16/2024						<0.005
8/7/2024	<0.005	<0.005	<0.005	0.0084	<0.005	
8/8/2024						<0.005
2/13/2025				<0.005	<0.005	
2/14/2025			0.0024 (J)			
2/15/2025	<0.005	<0.005				
2/17/2025						<0.005
8/6/2025	<0.005		<0.005	0.011	<0.005	
8/7/2025		<0.005				
8/10/2025						<0.005
2/5/2026	<0.005		<0.005	0.012	<0.005	<0.005
2/6/2026		0.00057 (J)				
Mean	0.00491	0.004802	0.004214	0.009786	0.004866	0.004717
Std. Dev.	0.0004828	0.000849	0.001213	0.006558	0.0007242	0.001077
Upper Lim.	0.005	0.005	0.005	0.01279	0.005	0.005
Lower Lim.	0.0024	0.0037	0.0035	0.006782	0.0011	0.0016

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	MW-19	MW-24D	MW-27D
3/13/2019		<0.005	<0.005
3/14/2019	<0.005		
4/3/2019	0.007 (J)		
4/4/2019			0.00012 (J)
4/8/2019		<0.005	
9/26/2019		<0.005	<0.005
9/27/2019	0.0013 (J)		
3/4/2020	0.0044 (J)	<0.005	<0.005
3/26/2020	0.0053 (J)		
3/30/2020		<0.005	
4/2/2020			<0.005
9/18/2020			<0.005
9/21/2020	0.0033 (J)	<0.005	
2/12/2021	0.0021 (J)		
2/16/2021		<0.005	<0.005
3/12/2021			<0.005
3/17/2021	<0.005	<0.005	
8/17/2021			<0.005
8/18/2021	0.0026 (J)		
8/19/2021		<0.005	
2/9/2022	0.0036 (J)		
2/10/2022		<0.005	<0.005
8/3/2022		<0.005	<0.005
8/4/2022	0.0022 (J)		
1/26/2023	0.0056	<0.005	
1/27/2023			<0.005
8/10/2023	0.0038 (J)		
8/12/2023		<0.005	<0.005
2/15/2024	0.0082	<0.005	
2/16/2024			<0.005
8/8/2024	0.0034 (J)	<0.005	<0.005
2/13/2025	<0.005		
2/15/2025			<0.005
2/16/2025		<0.005	
8/6/2025	0.0038 (J)		<0.005
8/10/2025		<0.005	
2/4/2026	0.0055	0.0015 (J)	
2/6/2026			<0.005
Mean	0.004283	0.004806	0.004729
Std. Dev.	0.00175	0.000825	0.00115
Upper Lim.	0.004966	0.005	0.005
Lower Lim.	0.002784	0.0015	0.00012

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-8	HGWC-11	HGWC-12	HGWC-13	MW-19
5/20/2016	<0.0005				
5/23/2016		<0.0005	<0.0005	0.000378 (J)	
7/12/2016	7E-05 (J)	8E-05 (J)	0.0002 (J)	0.0004 (J)	
9/1/2016	<0.0005	<0.0005	<0.0005	0.0004 (J)	
10/20/2016	<0.0005				
10/24/2016		<0.0005	<0.0005	0.0005 (J)	
12/6/2016	<0.0005				
12/7/2016		<0.0005	<0.0005	0.0004 (J)	
1/25/2017	<0.0005				
1/26/2017		<0.0005	<0.0005	0.0004 (J)	
3/21/2017	9E-05 (J)				
3/22/2017		<0.0005	0.0001 (J)	0.0004 (J)	
5/23/2017	8E-05 (J)				
5/24/2017		8E-05 (J)	9E-05 (J)	0.0003 (J)	
4/3/2018	<0.0005				
4/4/2018		<0.0005	<0.0005	0.00032 (J)	
6/5/2018		<0.0005		0.00035 (J)	
6/6/2018	<0.0005		<0.0005		
10/2/2018	<0.0005				
10/3/2018		<0.0005	<0.0005		
10/5/2018				0.00025 (J)	
3/12/2019	<0.0005				
3/13/2019		<0.0005		0.00039 (J)	
3/14/2019			<0.0005		<0.0005
4/3/2019	<0.0005	<0.0005	<0.0005		<0.0005
4/5/2019				0.00034 (J)	
9/24/2019	0.00011 (J)				
9/26/2019				0.00039 (J)	
9/27/2019		<0.0005	8.8E-05 (J)		0.00027 (J)
3/3/2020	6.1E-05 (J)	<0.0005	6.6E-05 (J)		
3/4/2020				0.00056 (J)	0.00026 (J)
3/26/2020			8E-05 (J)		0.00026 (J)
3/27/2020	7.7E-05 (J)				
3/30/2020				0.00048 (J)	
3/31/2020		<0.0005			
9/16/2020	<0.0005				
9/18/2020		<0.0005	<0.0005		
9/21/2020				0.00036 (J)	0.0003 (J)
2/12/2021		<0.0005	<0.0005		0.00019 (J)
2/16/2021	<0.0005				
2/22/2021				0.0003 (J)	
3/15/2021	<0.0005				
3/16/2021		<0.0005	<0.0005		
3/17/2021				0.00037 (J)	0.00026 (J)
8/18/2021	<0.0005	<0.0005	<0.0005		0.00023 (J)
8/19/2021				0.0002 (J)	
2/9/2022		<0.0005	<0.0005		<0.0005
2/10/2022	<0.0005			<0.001	
8/3/2022	0.00018 (J)	<0.0005	<0.0005	<0.001	
8/4/2022					0.00026 (J)
1/26/2023		<0.0005	<0.0005	0.00031 (J)	<0.0005
2/1/2023	<0.0005				

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/6/2026 2:05 PM View: Appendix IV

Plant Hammond Client: Southern Company Data: Hammond AP-1

	HGWC-8	HGWC-11	HGWC-12	HGWC-13	MW-19
8/10/2023		<0.0005	<0.0005		<0.0005
8/12/2023	<0.0005			0.00028 (J)	
2/14/2024	<0.0005				
2/15/2024		<0.0005	<0.0005		<0.0005
2/16/2024				<0.001	
8/7/2024	<0.0005	<0.0005	<0.0005		
8/8/2024				<0.001	0.00043 (J)
2/13/2025		<0.0005	<0.0005		<0.0005
2/15/2025	<0.0005				
2/17/2025				0.00025 (J)	
8/6/2025	<0.0005	<0.0005	<0.0005		<0.0005
8/10/2025				0.00029 (J)	
2/4/2026					<0.0005
2/5/2026	<0.0005	<0.0005	<0.0005	0.00021 (J)	
Mean	0.0004023	0.000471	0.0004181	0.0003734	0.0003867
Std. Dev.	0.0001772	0.0001083	0.0001645	9.502E-05	0.0001251
Upper Lim.	0.0005	0.0005	0.0005	0.0004169	0.0005
Lower Lim.	0.00018	8E-05	0.0002	0.0003298	0.00026

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

FIGURE I.

Appendix IV Trend Tests - Confidence Interval Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	**HGWC-13**	**0.01551**	**163**	**106**	**Yes**	**29**	**0**	**n/a**	**0.05**	**NP**
Molybdenum (mg/L)	**HGWC-8**	**-0.02905**	**-245**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

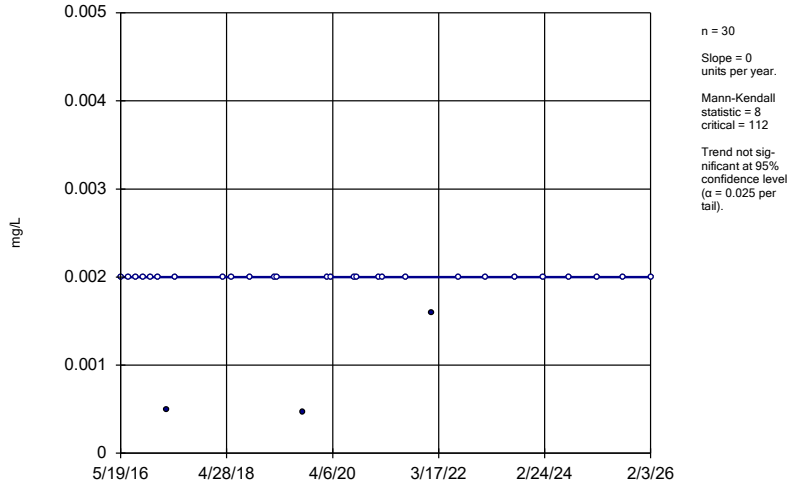
Plant Hammond Client: Southern Company Data: Hammond AP-1 Printed 4/6/2026, 2:09 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Arsenic (mg/L)	HGWA-1 (bg)	0	8	112	No	30	90	n/a	0.05	NP
Arsenic (mg/L)	HGWA-2 (bg)	0	84	112	No	30	70	n/a	0.05	NP
Arsenic (mg/L)	HGWA-3 (bg)	0	63	112	No	30	66.67	n/a	0.05	NP
Arsenic (mg/L)	HGWA-43D (bg)	0	-12	-45	No	16	50	n/a	0.05	NP
Arsenic (mg/L)	HGWA-44D (bg)	0	-18	-45	No	16	62.5	n/a	0.05	NP
Arsenic (mg/L)	**HGWC-13**	**0.01551**	**163**	**106**	**Yes**	**29**	**0**	**n/a**	**0.05**	**NP**
Molybdenum (mg/L)	HGWA-1 (bg)	0	0	117	No	31	100	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-2 (bg)	0	0	112	No	30	100	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-3 (bg)	0	0	117	No	31	100	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-43D (bg)	-0.0005137	-14	-45	No	16	18.75	n/a	0.05	NP
Molybdenum (mg/L)	HGWA-44D (bg)	0.001004	29	45	No	16	18.75	n/a	0.05	NP
Molybdenum (mg/L)	**HGWC-8**	**-0.02905**	**-245**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-1 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = 8
critical = 112

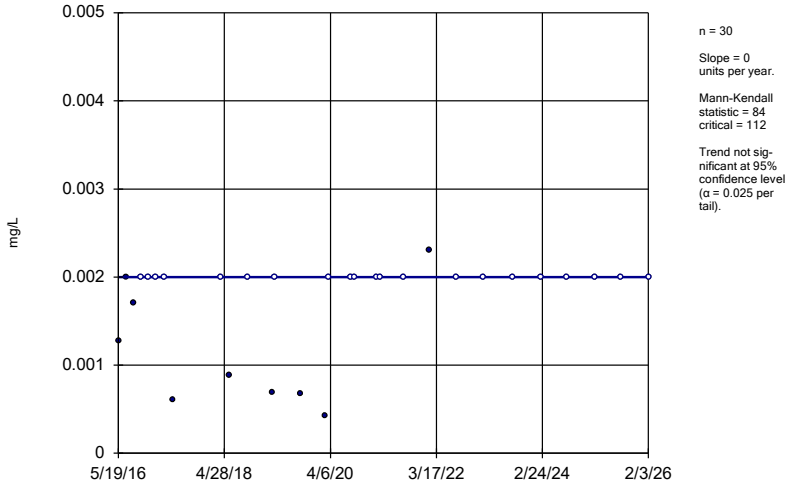
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Arsenic Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-2 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = 84
critical = 112

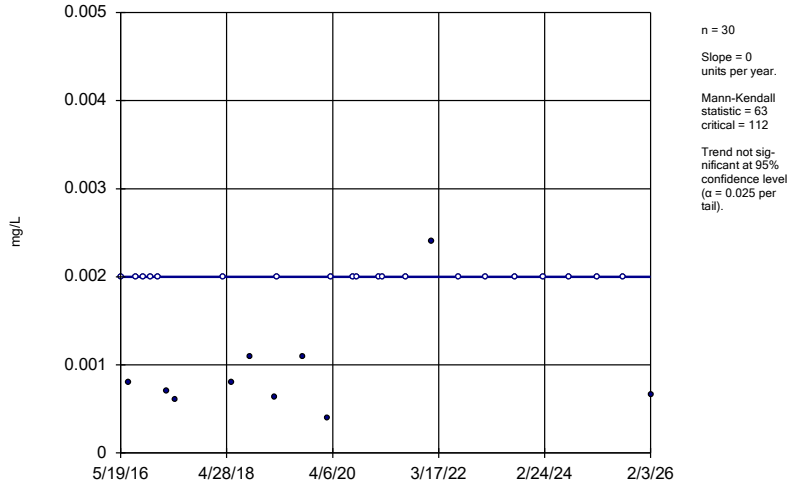
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Arsenic Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-3 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = 63
critical = 112

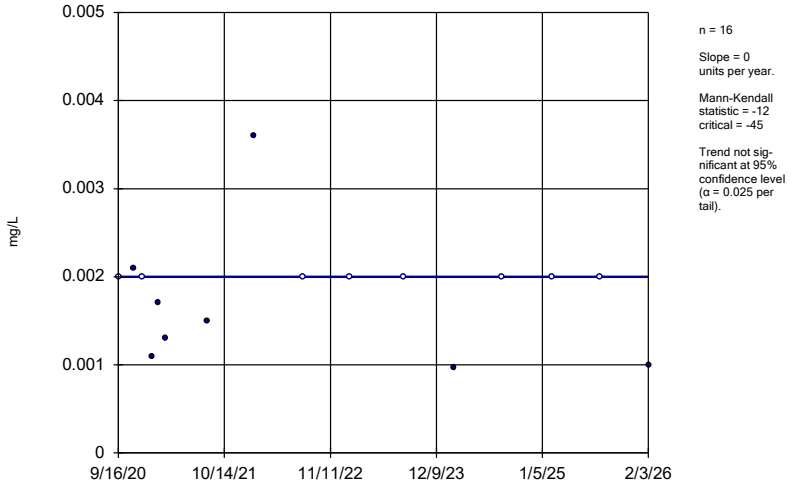
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Arsenic Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-43D (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -12
critical = -45

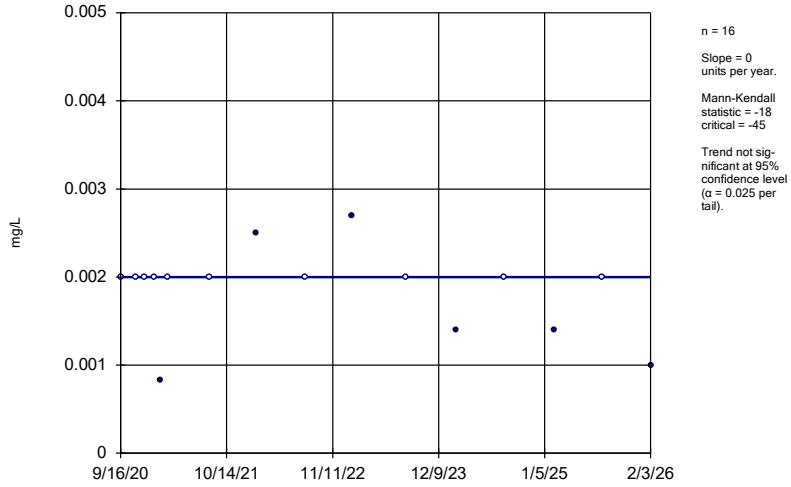
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Arsenic Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-44D (bg)



n = 16

Slope = 0 units per year.

Mann-Kendall statistic = -18 critical = -45

Trend not significant at 95% confidence level (α = 0.025 per tail).

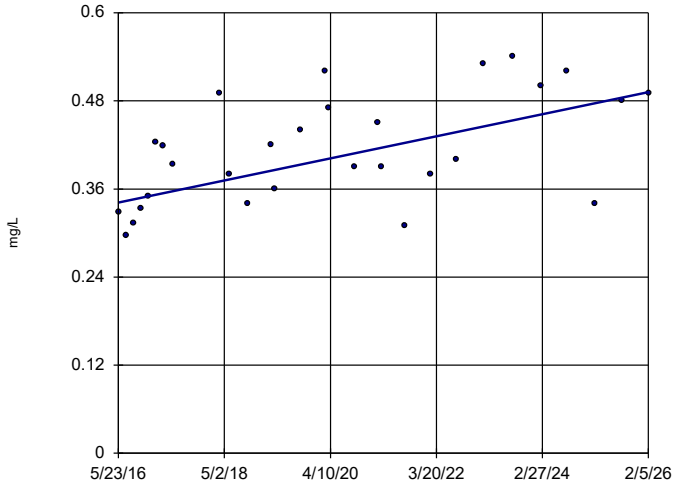
Constituent: Arsenic Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-13



n = 29

Slope = 0.01551 units per year.

Mann-Kendall statistic = 163 critical = 106

Increasing trend significant at 95% confidence level (α = 0.025 per tail).

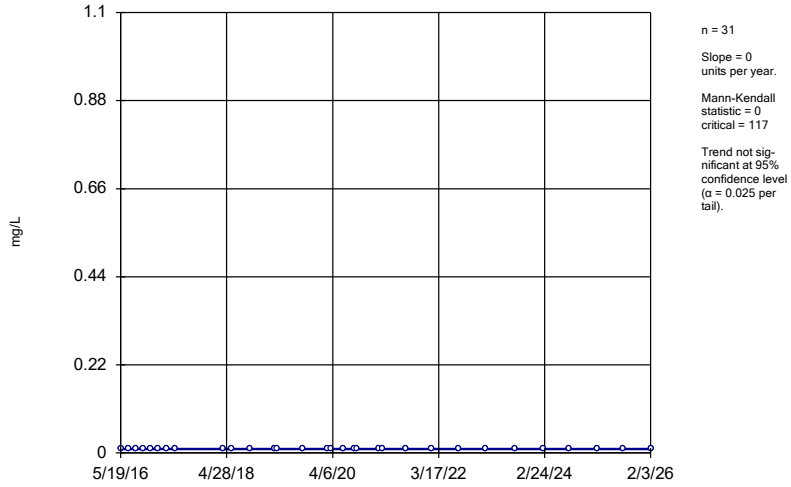
Constituent: Arsenic Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-1 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 117

Trend not significant at 95% confidence level (α = 0.025 per tail).

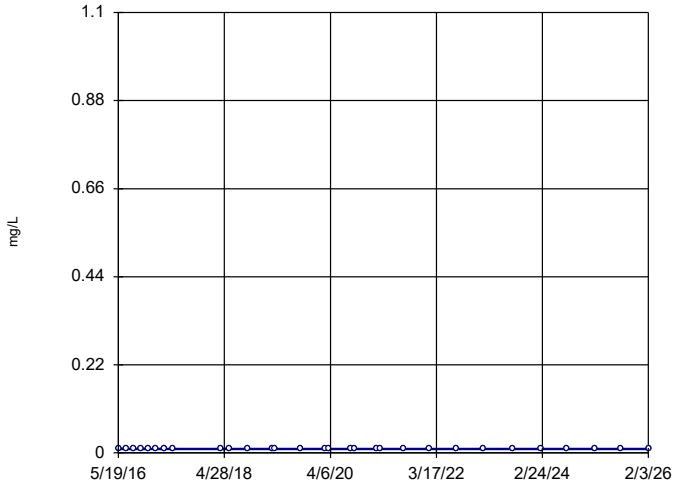
Constituent: Molybdenum Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-2 (bg)



n = 30

Slope = 0 units per year.

Mann-Kendall statistic = 0 critical = 112

Trend not significant at 95% confidence level (α = 0.025 per tail).

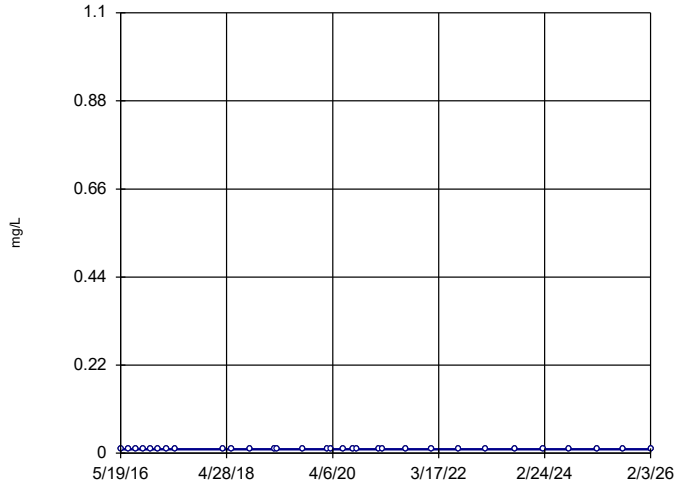
Constituent: Molybdenum Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-3 (bg)



n = 31

Slope = 0 units per year.

Mann-Kendall statistic = 0
critical = 117

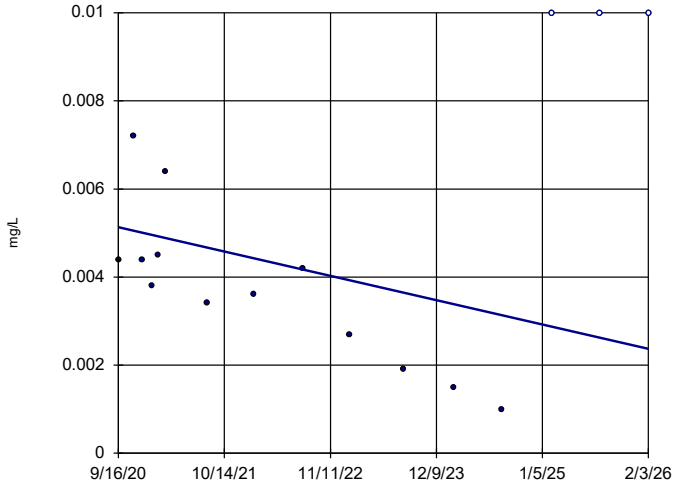
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Molybdenum Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-43D (bg)



n = 16

Slope = -0.0005137 units per year.

Mann-Kendall statistic = -14
critical = -45

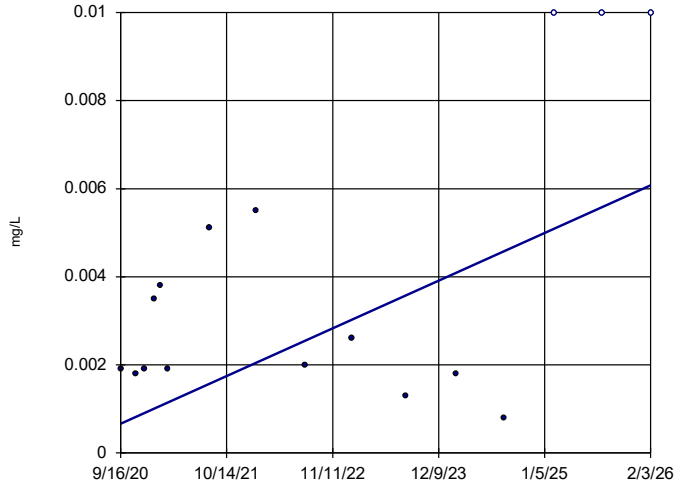
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Molybdenum Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-44D (bg)



n = 16

Slope = 0.001004 units per year.

Mann-Kendall statistic = 29
critical = 45

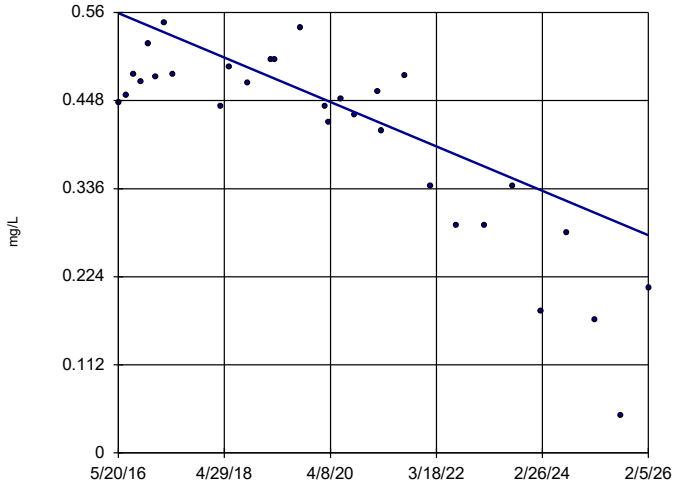
Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Molybdenum Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1

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Sen's Slope Estimator

HGWC-8



n = 30

Slope = -0.02905 units per year.

Mann-Kendall statistic = -245
critical = -112

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Molybdenum Analysis Run 4/6/2026 2:08 PM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP-1