Prepared for

Georgia Power Company
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Atlanta, Georgia 30308

2026 SEMIANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

PLANT HAMMOND ASH POND 2 (AP-2)

Prepared by

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CERTIFICATION STATEMENT

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report, Plant Hammond – Ash Pond 2 (AP-2)* 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

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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 from January to July 2026 (referred to herein as the "semiannual reporting period") at Georgia Power Company's (Georgia Power's) Plant Hammond Ash Pond 2 (AP-2) (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 is located at 5963 Alabama Highway SW, approximately 10 miles west of Rome in Floyd County, Georgia. Dewatered ash from AP-2 is excavated and transported to the nearby Huffaker Road facility, a permitted solid waste disposal location owned and operated by Georgia Power. The Site is located on the southwestern portion of the Plant Hammond property. The Georgia Environmental Protection Division (GA EPD) approved closure permit no. 057-024D(CCR) for AP-2 on June 22, 2020. CCR removal activities are complete, and a certification was submitted to GA EPD on September 24, 2024. On December 23, 2024, GA EPD acknowledged that removal activities within the identified boundaries of AP-2 are complete.

Plant Hammond and the Site

Groundwater at the Site is monitored using a comprehensive monitoring well 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, was submitted to GA EPD on August 31, 2022. In June 2023, Georgia Power submitted

[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

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-18 and vicinity of MW- 33 and MW-35 (Geosyntec, 2023a, 2023b). GA EPD's Underground Injection Control (UIC) Program approved the Pilot Test Notification Form on August 24, 2023. 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. A *Pilot Study Summary Report* summarizing the pilot studies conducted and performance results was submitted to GA EPD on August 29, 2025. GA EPD issued a letter on October 30, 2025, concurring with the summary report conclusions. On March 24, 2026, Georgia Power held a public meeting in accordance with 40 CFR §257.96(e) 2026 to present the proposed remedial strategy. The final *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 events 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 semiannual assessment monitoring event conducted during the semiannual reporting period were evaluated in accordance with the certified statistical methods. That evaluation showed statistically significant values of 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 2026 semiannual reporting period.

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

Appendix III Constituent	February 2026
Boron	HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18
Calcium	HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18
Chloride	HGWC-14, HGWC-16, HGWC-17, HGWC-18
Sulfate	HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18
Total Dissolved Solids	HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18
Appendix IV Constituent[4]	**February 2026**
Cobalt	HGWC-18, MW-33, MW-35

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.

Geosyntec consultants

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LIST OF ACRONYMS AND ABBREVIATIONS

ACM	Assessment of Corrective Measures
AP-2	Ash Pond 2
CCR	coal combustion residuals
CFR	Code of Federal Regulations
cm/sec	centimeters per second
DO	dissolved oxygen
EDR	Environmental Data Resources
ft/day	feet per day
ft/ft	feet per foot
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
K_h	horizontal hydraulic conductivity
i	horizontal hydraulic gradient
MCL	Maximum Contaminant Level
mg/L	milligram per liter
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 2 (AP-2) 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. 057-024D(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 cobalt 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-2 in January 2019. Pursuant to § 257.96(b), Georgia Power continues to monitor groundwater associated with AP-2 in accordance with the assessment monitoring program established for the unit in 2018, 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. 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). 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 October 30, 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 the SSLs for cobalt are horizontally and vertically delineated to below their corresponding groundwater protection standards (GWPS).

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 retired on July 29, 2019 and no longer produce electricity.

AP-2 is a 21-acre surface impoundment. Dewatered ash from AP-2 is excavated and transported to the nearby Huffaker Road facility, a permitted solid waste disposal location owned and operated by Georgia Power. Georgia Power closed AP-2 through removal of the CCR material from the CCR unit. The Closure Plan submitted to GA EPD as part of the closure permit application package describes the closure activities and requirements in accordance with § 257.102. 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 and published to Georgia Power's CCR Rule Compliance website. Closure permit no. 057-024D(CCR) was approved by GA EPD on June 22, 2020. CCR removal activities are complete, and a certification was submitted to GA EPD on September 24, 2024. On December 23, 2024, GA EPD acknowledged that removal activities within the identified boundaries of AP-2 are complete. The area where CCR removal was certified complete is shown on **Figure 2**. A 5-year Permit Review document package was submitted to GA EPD on December 18, 2024, and subsequently approved on May 28, 2025.

1.2 Regional Geology and Hydrogeologic Setting

The following section summarizes the geologic and hydrogeologic conditions at AP-2 as described in the *Hydrogeologic Assessment Report Revision 01 – AP-2* (HAR Rev 01) submitted to GA EPD in December 2019 in support of the AP-2 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-2 is underlain by the lower units of the Cambrian age Conasauga Formation, consisting of mostly calcareous shale. Based on review of subsurface investigations at AP-2, the bedrock was identified as predominantly calcareous shale and fissile black shale. AP-2 is underlain primarily by five lithologic units: (i) terrace alluvium; (ii) colluvium; (iii) residuum; (iv) partially weathered shale bedrock; and (v) unweathered shale bedrock.

Based on subsurface investigations, the alluvial deposits generally grade from a silt and silty clay to a clayey sand and silty sand to a sand and gravelly sand at depth. The colluvium consists of silty sand, silty clay with angular and sub-rounded chert fragments, and dolomite, sandstone, and shale fragments. Residual or native soils have been derived from the in-place weathering of the shale bedrock. The residuum is generally described as brown to yellow brown firm clayey silt with weathered shale fragments. The partially weathered shale zone occurs as an intermediate weathering stage between the residuum and the unweathered shale bedrock. The weathered material is described as black to dark gray to dark red, hard, fissile shale and claystone. The unweathered shale bedrock was not encountered or directly observed in the historical borings advanced at the Site. However, based on geologic conditions in the region, weathering, fracturing and jointing decreases with depth, and the weathered rock material grades into competent bedrock.

1.2.2 Hydrogeologic Setting

The uppermost aquifer at AP-2 is a regional groundwater aquifer that occurs primarily in the alluvial, colluvial, and residuum and within the weathered and fractured bedrock. The

movement of groundwater in the soil can be characterized as low-to moderate permeability, porous media flow based on hydraulic field testing at the Site (slug testing). The groundwater flow in the shallow underlying bedrock is characterized as fracture flow and is expected to be very low permeability due to the preponderance of shale beneath AP-2. The regional groundwater flow direction is expected to be from north to south; however, the local flow direction beneath AP-2 is predominantly east to west with an additional southerly component. Under post-closure conditions, the groundwater flow direction is anticipated to more closely resemble the regional flow regime (north to south toward the Coosa River). The February 2026 groundwater elevations are generally consistent with those of prior monitoring years.

1.3 Groundwater Monitoring Well Network

In accordance with § 257.91, a groundwater monitoring system was installed at AP-2 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 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-2. Pursuant to § 257.95(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 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 February 2026, 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-2 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 SSL of an Appendix IV constituent exceeding its respective GWPS at AP-2 is cobalt in HGWC-18, MW-33, and MW-35.

Pursuant to § 257.96, an ACM was initiated for AP-2 in January 2019. An *Assessment of Corrective Measures Report – Plant Hammond Ash Pond 2 (AP-2)* (ACM Report) was subsequently prepared for AP-2 (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-2 under the assessment monitoring program while the ACM phase is implemented.

In support of the routine assessment monitoring program, the semiannual assessment monitoring event were conducted in February 2026. The wells sampled and the dates the samples were collected at AP-2 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

Additional groundwater samples were collected from the entire AP-2 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 SSLs, Georgia Power proactively collected surface water samples in February 2026 from three locations in the unnamed creek west of AP-2 (AP2-Up, AP2-Mid, AP2-Down)), to horizontally delineate identified SSLs of cobalt in groundwater at AP- 2. In addition, three locations in the Coosa River, as shown on **Figure 2** (i.e., H+0.25, H+0.35, H+0.75), are also sampled along with the unnamed creek to demonstrate that no impacts to nearby surface water bodies have been identified. Georgia Power will continue collecting the surface water samples semiannually.

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 cobalt in detection monitoring well HGWC- 18 and assessment monitoring wells MW-33 and MW-35. 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. Georgia Power initiated a pilot study in vicinity of these wells in September 2023, as detailed in the *HGWC-18 Pilot Study Workplan* (Geosyntec, 2023a) and *MW-33 and MW-35 Pilot Study Workplan* (Geosyntec, 2023b).

A post-injection performance monitoring program was initiated mid-September 2023 during which groundwater samples were collected from temporary corrective action piezometers INW-01, INW-02, and PT-01 through PT-06; groundwater samples were analyzed for the complete suite of Appendix III and Appendix IV constituents (except total radium) and select metals and inorganics necessary to evaluate the geochemistry of the groundwater. Monitoring of temporary 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-2 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-2 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 those of prior spring gauging events.

Surface water elevations were recorded from a surveyed measuring point located midway across the service bridge, located midway along the unnamed creek west of AP-2 ('Unnamed Creek' location), and at the Coosa River staff gauge located downgradient of AP-1, as shown in **Figure 2.**

The groundwater and surface water elevation data were used to prepare a potentiometric surface map for the February 2026 gauging event, which is presented on **Figure 3**. Groundwater in the AP-2 area flows under the influence of topography from higher elevations on the northern and eastern side of the Site in a westerly direction beneath AP- 2 with a southerly flow component. This groundwater flow pattern is consistent with previous observations.

3.2 Groundwater Gradient and Flow Velocity

The horizontal groundwater hydraulic gradient within the uppermost aquifer beneath AP- 2 was calculated using the groundwater elevation data from the February 2026 gauging event. A horizontal hydraulic gradient is commonly calculated between two points along the groundwater flow path perpendicular to groundwater elevation contours. Ideally, this flow path originates and concludes with groundwater elevations reported for two wells, but this may not be feasible and still remain perpendicular to the contours. The horizontal hydraulic gradient in this report was calculated between upgradient and downgradient wells selected to provide the most accurate alignment possible relative to the interpreted groundwater flow path. The horizontal hydraulic gradient was calculated

across the central portion of AP-2 between MW-18 and HGWC-16. The supporting calculations are presented in **Table 4.** The general trajectory of the flow path used in the calculations and associated potentiometric contour lines are shown on **Figure 3**. The average calculated hydraulic gradient along the westerly flow path line for the semiannual reporting period is 0.007 feet per foot (ft/ft).

The approximate horizontal flow velocity associated with AP-2 was calculated using the following derivative of Darcy's Law. The calculation is presented in **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 horizontal hydraulic conductivity (K_h) measurements were calculated from slug test data collected in AP-2 wells and piezometers. As presented in the HAR Rev 01, results were broadly grouped based on the lithology in which the wells or piezometers were screened. The geometric mean of the K_h values of the alluvium, colluvium, residuum, and partially weathered shale bedrock were used to represent the overall hydraulic conductivity at AP-2 of 5.17 x 10^{-4} centimeters per second (cm/sec) (1.47 feet per day [ft/day]) (Geosyntec, 2019c). An effective porosity value of 0.15 was used to represent average lithologic conditions at AP-2, derived based on review of literature (Kresic, 2007), observed site lithology, and professional judgement. Applying these values and the hydraulic gradient, the average groundwater flow velocity underneath AP-2 for the semiannual reporting period was calculated to be 0.07 ft/day.

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 milligram/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 groundwater and surface water sample analyses are listed in the analytical laboratory reports included in **Appendix B**. The groundwater results from the semiannual reporting period and corrective action piezometer sampling are summarized in **Table 5** and **Table 6,** respectively. The 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, 2024), 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 is provided in **Appendix C.**

4.1 Statistical Methods

Groundwater data from the semiannual reporting period were statistically analyzed in accordance with the site's Groundwater Monitoring Plan (Geosyntec, 2024). 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 statistical analysis package 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 prediction limit, 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 exceedance 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 maximum contaminant level (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 review of the statistical analyses, select Appendix IV constituents exceeded the GWPS during the semiannual reporting period:

4.2.1 February 2026 Data

- Cobalt: HGWC-18, MW-33, and MW-35

Wells with SSLs were further evaluated using the Sen's Slope/Mann Kendall trend test (**Appendix C**). A statistically significant decreasing trend of cobalt was identified in February 2026 in HGWC-18. No statistically significant trends of cobalt were identified for MW-33 and MW-35 for the February 2026 data.

4.2.2 Summary of Statistical Analyses

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

5.0 NATURE AND EXTENT

Based on statistical analysis of the groundwater data presented herein, the cobalt SSLs are horizontally and vertically delineated to below the site specific GWPS (0.038 mg/L) in HGWC-18, MW-33, and MW-35. The groundwater data from the February 2026 semiannual assessment monitoring event, which includes data from both the compliance monitoring wells and the temporary corrective action piezometers, were used to generate the cobalt iso-concentration map presented on **Figure 4**.

Delineation is determined by confidence intervals presented in the statistical analysis prepared for the assessment wells (**Appendix C**). On the northwest side of AP- 2, HGWC-18 is vertically delineated by MW-21D. The conceptual site model on the south side of the pond consists of southerly groundwater flow through alluvium toward the Coosa River. MW-33 is vertically delineated by MW-34D upgradient of the river. However, as groundwater nears the Coosa River, it begins to flow upward and join the Coosa River. As such, to properly characterize the deeper groundwater south of MW- 34D as it migrates downgradient, MW-51 was installed with a shallower screen interval to not only horizontally delineate cobalt at MW-35 but also to account for the upward movement of groundwater adjacent to the river. Statistical analysis of the MW- 51 groundwater data delineates the horizontal extent of the SSLs of cobalt in MW- 33 and MW-35 and the vertical extent of cobalt in MW-35 to below the GWPS.

Due to the presence of a surface water feature (unnamed creek) west of AP-2 in the downgradient direction of HGWC-18 (refer to **Figure 2**), installation of additional wells to horizontally characterize this area is infeasible. For this reason, Georgia Power proactively began collecting surface water samples in July 2020. Cobalt was not detected above the laboratory reporting limit (0.0050 mg/L) in surface water samples collected in February 2026 from the three locations in the unnamed creek (AP2-Up, AP2-Mid, and AP2-Down) shown on **Figure 2**. No cobalt impacts to surface water have been detected in unnamed creek; and therefore, the cobalt SSL observed in HGWC-18 is horizontally delineated.

Surface water samples were also collected from the Coosa River in February 2026. Three sampling locations (i.e., H+0.25, H+0.35, H+0.75) are in the vicinity of MW-33 and MW- 35 and relevant to conditions at AP-2. These three locations are shown on **Figure 2**. Cobalt was not detected above the laboratory reporting limit (0.0050 mg/L) in any of the Coosa River samples. The February 2026 data associated with the unnamed creek and

the Coosa River surface water sampling event are presented in **Table 7** and the laboratory reports are included in **Appendix B**.

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- 2 in accordance with the assessment monitoring program regulations of § 257.95 while ACM efforts are implemented to address SSLs of cobalt in select AP-2 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 Report* 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-2.

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.

A Supplemental Pilot Study Work Plan and a UIC Pilot Test Notification Form was submitted to GA EPD on April 2, 2026. Proposed supplemental pilot study activities

were approved by the GA EPD UIC permitting section and the Land Branch Solid Waste Environmental Monitoring Unit and the GA EPD Water Branch, Wastewater Regulatory Program, on April 27, and May 1, 2026, respectively. The pilot study activities will be located near HGWC-18 and are necessary to test a portable trailer-mounted injection system that has been designed to regulate and control injection pressure and flowrate during injection activities. Pilot study results will be reported in a brief technical report attached to a semiannual groundwater monitoring and corrective action report.

7.0 CONCLUSIONS AND FUTURE ACTIONS

This *2026 Semiannual Groundwater Monitoring and Corrective Action Report* for Plant Hammond AP-2 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-2 for the semiannual reporting period identified the continued presence of SSLs of cobalt in HGWC-18, MW-33, and MW-35. Based on statistical analysis of the most current groundwater quality, the SSLs are vertically and horizontally delineated to below the site specific GWPS.

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) 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-2 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- 2 is tentatively scheduled for August 2026.

8.0 REFERENCES

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TABLES

Table 1
Monitoring Well Network Summary
Georgia Power Company
Plant Hammond - Ash Pond 2
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-4	Detection	Upgradient	1549930.45	1939385.45	584.94	587.60	572.24	562.24	25.76	Overburden	12/03/2014
HGWA-5	Detection	Upgradient	1548633.33	1937184.17	580.52	583.24	564.92	554.92	28.72	Overburden	12/10/2015
HGWA-6	Detection	Upgradient	1548636.35	1937177.73	580.72	583.38	543.72	533.72	49.66	PWR	12/11/2015
HGWA-42D	Detection	Upgradient	1549363.72	1938443.86	583.39	586.17	528.39	518.39	65.25	Bedrock	08/27/2020
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-14	Detection	Downgradient	1547998.96	1938406.27	594.67	597.25	564.67	554.67	42.98	Overburden	10/16/2014
HGWC-15	Detection	Downgradient	1547875.33	1937854.92	578.73	581.49	553.93	543.93	37.96	Overburden	10/20/2014
HGWC-16	Detection	Downgradient	1548209.83	1937540.33	577.36	580.02	557.36	547.36	33.06	Overburden	10/21/2014
HGWC-17	Detection	Downgradient	1548449.71	1937538.98	581.51	584.30	566.91	556.91	27.79	Overburden/PWR	10/22/2014
HGWC-18	Detection	Downgradient	1548821.27	1937558.32	581.36	584.18	566.86	556.86	27.71	Overburden/PWR	10/22/2014
MW-21D	Assessment	Downgradient	1548814.86	1937555.78	581.16	583.84	542.36	532.36	51.88	Bedrock	11/19/2018
MW-33	Assessment	Downgradient	1547973.50	1938412.13	591.19	593.92	566.60	556.60	37.72	Overburden	11/21/2019
MW-34D	Assessment	Downgradient	1547996.82	1938392.20	593.83	596.51	530.48	520.48	73.68	Bedrock	05/06/2020
MW-35	Assessment	Downgradient	1547905.33	1938417.82	571.88	574.40	558.70	548.70	23.52	Overburden	05/13/2020
MW-51	Assessment	Downgradient	1547872.35	1938421.46	571.57	574.54	556.47	546.47	25.10	Overburden	07/22/2021
MW-8	Piezometer	Downgradient	1548171.86	1940016.70	584.25	586.93	565.05	555.05	32.28	Overburden	10/29/2014
MW-9	Piezometer	Downgradient	1548131.38	1938922.16	588.42	590.95	569.12	559.12	32.95	Overburden	10/29/2014
MW-12	Piezometer	Downgradient	1547853.78	1937525.46	580.59	583.27	555.84	545.84	37.83	Overburden	10/21/2014
MW-16	Piezometer	Upgradient	1549104.17	1937940.06	571.70	574.22	562.20	552.20	23.42	Bedrock	10/27/2014
MW-17	Piezometer	Upgradient	1549163.28	1938345.81	583.68	586.78	568.98	558.98	29.09	Overburden	10/28/2014
MW-18	Piezometer	Upgradient	1548984.15	1938712.73	589.75	592.28	571.05	561.05	32.42	Overburden	10/29/2014
MW-22	Piezometer	Downgradient	1547854.68	1937832.04	576.05	578.51	551.45	541.45	37.47	Overburden	11/15/2018
MW-23D	Piezometer	Downgradient	1547876.55	1937843.89	579.06	581.30	529.46	519.46	62.24	Bedrock	11/15/2018
MW-36D	Piezometer	Downgradient	1548435.43	1937538.19	581.44	584.10	534.12	524.12	57.65	Bedrock	05/07/2020
MW-37D	Piezometer	Downgradient	1548803.01	1937551.05	580.95	583.58	514.65	504.65	76.63	Bedrock	05/08/2020
MW-52	Piezometer	Upgradient	1549277.59	1938398.82	583.25	586.11	573.29	563.29	23.15	Overburden	01/25/2022
MW-55[3]	Corrective Action Piezometer	Downgradient	1548823.40	1937575.72	582.78	582.49	566.72	556.72	26.10	PWR	06/13/2023
MW-56[3]	Corrective Action Piezometer	Downgradient	1547906.81	1938260.81	570.60	573.47	559.60	549.60	24.27	Overburden	06/16/2023
MW-57[3]	Corrective Action Piezometer	Downgradient	1547895.53	1938349.49	571.30	574.28	560.30	550.30	24.18	PWR	06/16/2023
MW-58[3]	Corrective Action Piezometer	Downgradient	1547931.46	1938592.55	572.96	575.87	559.46	549.46	26.81	Overburden/PWR	06/17/2023
MW-59[3]	Corrective Action Piezometer	Downgradient	1547971.14	1938344.65	589.52	592.20	559.52	549.52	42.58	Overburden	06/14/2023
INW-01[3]	Corrective Action Piezometer	Downgradient	1547921.52	1938350.62	571.04	573.90	561.04	551.04	23.26	Overburden	06/16/2023
INW-02[3]	Corrective Action Piezometer	Downgradient	1548915.00	1937643.89	580.78	580.56	555.78	545.78	35.40	Overburden	06/06/2023
PT-01[3]	Corrective Action Piezometer	Downgradient	1547916.85	1938348.81	571.14	574.13	561.24	551.24	23.29	Overburden	06/17/2023
PT-02[3]	Corrective Action Piezometer	Downgradient	1547917.68	1938353.52	571.10	574.06	561.10	551.10	23.36	Overburden	06/16/2023
PT-03[3]	Corrective Action Piezometer	Downgradient	1547910.57	1938352.13	571.10	574.09	559.10	549.10	23.39	Overburden	06/17/2023
PT-04[3]	Corrective Action Piezometer	Downgradient	1548918.26	1937641.91	580.50	580.26	556.70	546.70	34.21	PWR	06/06/2023
PT-05[3]	Corrective Action Piezometer	Downgradient	1548913.06	1937638.48	580.83	580.54	555.73	545.73	35.50	Overburden	06/12/2023
PT-06[3]	Corrective Action Piezometer	Downgradient	1548916.95	1937634.25	580.68	580.36	555.18	545.18	35.39	Overburden	06/07/2023

Notes:
PWR = partially weathered rock.
(1) Coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet. Elevations referenced to the North American Vertical Datum of 1988 (NAVD88). Survey points measured at nail or known reference points
Survey completed by GEL Solutions dated May 19, 2020 and April 11, 2022 (for MW-52), and July 17 and August 30, 2023 (for MW-55 through MW-59, INW-01, INW-02, PT-01 through PT-06)
Well screen elevations are calculated by subtracting the depths to top and bottom of the well screen from the top of ground surface elevation
(2) Total well depth accounts for sump if data provided on well construction logs.
(3) Piezometers INW-01, INW-02, MW-55 through MW-59, and PT-01 through PT-06 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-22, MW-23D, and MW-37D were reclassified as piezometers following approval of the 5 Year Permit Review on May 28, 2025.

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

Well ID	Hydraulic Location	Well Designation	February 03 2026 - February 07 2026
			Assessment Event
Georgia Power Company - Plant Hammond Ash Pond 2			
HGWA-1	Upgradient	Detection	X
HGWA-2	Upgradient	Detection	X
HGWA-3	Upgradient	Detection	X
HGWA-4	Upgradient	Detection	X
HGWA-5	Upgradient	Detection	X
HGWA-6	Upgradient	Detection	X
HGWA-42D	Upgradient	Detection	X
HGWA-43D	Upgradient	Detection	X
HGWA-44D	Upgradient	Detection	X
HGWC-14	Downgradient	Detection	X
HGWC-15	Downgradient	Detection	X
HGWC-16	Downgradient	Detection	X
HGWC-17	Downgradient	Detection	X
HGWC-18	Downgradient	Detection	X
MW-21D	Downgradient	Assessment	X
MW-33	Downgradient	Assessment	X
MW-34D	Downgradient	Assessment	X
MW-35	Downgradient	Assessment	X
MW-51	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 2
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-4	587.60	9.44	578.16
HGWA-5	583.24	6.50	576.74
HGWA-6	583.38	6.30	577.08
HGWA-42D	586.17	11.45	574.72
HGWA-43D	595.08	18.09	576.99
HGWA-44D	594.79	18.55	576.24
HGWC-14	597.25	30.13	567.12
HGWC-15	581.49	18.19	563.30
HGWC-16	580.02	14.40	565.62
HGWC-17	584.30	19.50	564.80
HGWC-18	584.18	18.65	565.53
MW-21D	583.84	18.45	565.39
MW-33	593.92	27.14	566.78
MW-34D	596.51	32.88	563.63
MW-35	574.40	11.67	562.73
MW-51	574.54	11.91	562.63
MW-8	586.93	21.46	565.47
MW-9	590.95	17.77	573.18
MW-12	583.27	20.70	562.57
MW-16	574.22	7.00	567.22
MW-17	586.78	10.54	576.24
MW-18	592.28	16.20	576.08
MW-22	578.51	15.83	562.68
MW-23D	581.30	18.96	562.34
MW-36D	584.10	18.65	565.45
MW-37D	583.58	18.15	565.43
MW-52	586.11	10.45	575.66
INW-01	573.90	11.06	562.84
INW-02	580.56	14.60	565.96
PT-01	574.13	11.32	562.81
PT-02	574.06	11.26	562.80
PT-03	574.09	11.38	562.71
PT-04	580.26	14.30	565.96
PT-05	580.54	14.66	565.88
PT-06	580.36	14.46	565.90
MW-55	582.49	17.70	564.79
MW-56	573.47	10.77	562.70
MW-57	574.28	11.69	562.59
MW-58	575.87	12.45	563.42
MW-59	592.20	28.33	563.87
Unnamed Creek(3)	580.14	16.70	563.44
Coosa River(2)	--	--	561.10

Notes:
-- = not applicable
(1) Elevations shown are referenced to datum NAVD88, which indicates feet in elevation referenced to the North American Vertical Datum 1988
(2) Coosa River staff gauge located approximatly 3,250 feet upstream of the confluence of the Unnamed Creek and the Coosa River
(3) Unnamed Creek gauging point is located halfway across the service bridge located immediately west of AP-2 (Figure 3).
Depth to water values presented are measured from the bridge to the waters surface

Table 4
Horizontal Groundwater Gradient and Flow Velocity Calculations
Georgia Power Company
Plant Hammond Ash Pond 2
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)
February 2026	MW-18 to HGWC-16	576.08	565.62	10.46	1,446	0.007	1.47	0.15	0.07	25.87

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 1.47 feet per day (ft/day) was computed from slug test data derived from various well and piezometer locations across the AP-2
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 path
(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 2
Floyd County, GA

	Sample Location	HGWA-1	HGWA-2	HGWA-3	HGWA-4	HGWA-5	HGWA-6	HGWA-42D	HGWA-43D	HGWA-44D	HGWC-14
	Sample Date	02/03/2026	02/03/2026	02/03/2026	02/03/2026	02/04/2026	02/04/2026	02/04/2026	02/03/2026	02/03/2026	02/07/2026
ANALYTE	UNITS										
APPENDIX III											
Boron	mg/L	0.021 J	0.039 J	0.0094 J	0.026 J	0.025 J	0.021 J	0.053	0.036 J	0.47	5.9
Calcium	mg/L	129	37.2	86.8	27.5	27.5	58.1	49.6	61.7	6.7	307
Chloride	mg/L	6.9	8.2	5.5	1.6	2.1	1.3	3.2	4.2	29.1	48.2
Fluoride	mg/L	0.089 J	0.13	0.066 J	0.18	0.092 J	0.080 J	0.13	0.18	0.95	0.052 J
pH, Field	SU	7.07	5.66	7.33	5.55	6.47	7.69	7.86	7.41	8.60	4.92
Sulfate	mg/L	42.1	61.8	25.5	53.3	17.0	33.1	10.9	21.8	0.58 J	597
TDS	mg/L	388	179	277	142	130	236	183	278	377	1150
APPENDIX IV											
Antimony	mg/L	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Arsenic	mg/L	< 0.00041	< 0.00041	0.00066 J	< 0.00041	< 0.00041	< 0.00041	< 0.00041	0.0010 J	0.0010 J	0.0014 J
Barium	mg/L	0.031	0.054	0.12	0.070	0.051	0.20	0.21	0.29	0.084	0.016
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	0.00028 J	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00039 J
Cadmium	mg/L	< 0.00010	0.00035 J	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010	< 0.00010
Chromium	mg/L	< 0.00024	0.00051 J	< 0.00024	0.00056 J	0.00044 J	< 0.00024	< 0.00024	< 0.00024	0.00047 J	0.00027 J
Cobalt	mg/L	0.00012 J	0.019	< 0.00012	0.0010 J	0.00040 J	< 0.00012	< 0.00012	< 0.00012	< 0.00012	0.025
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	< 0.00027	0.00097 J
Lithium	mg/L	0.00144 J	0.00202	0.00408	0.00164 J	0.00330	0.0113	0.0116	0.00335	0.111	0.00104 J
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	0.00012 J
Molybdenum	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020	< 0.0020
Combined Radium 226 + 228	pCi/L	1.02 U	0.679 U	0.888 U	1.51	1.55	0.295 U	0.276 U	1.14 U	0.915 U	0.537 U
Selenium	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	0.0027 J
Thallium	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00029 J
Fluoride	mg/L	0.089 J	0.13	0.066 J	0.18	0.092 J	0.080 J	0.13	0.18	0.95	0.052 J
Additional Parameters											
Bicarbonate Alkalinity as CaCO3	mg/L	309	51.4	224	20.0	82.0	162	143	243	144	< 5.0
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Total Alkalinity as CaCO3	mg/L	309	51.4	224	20.0	82.0	162	143	243	148	< 5.0
Magnesium	mg/L	4.6	3.1	5.3	4.7	5.1	9.6	6.8	19.3	2.6	24.5
Potassium	mg/L	0.44	1.3	0.40 J	1.1	0.67	0.61	0.40 J	0.75	1.6	10.2
Sodium	mg/L	16.9	10.4	5.7	5.0	6.1	7.5	8.2	18.9	142	7.7

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 2
Floyd County, GA

	Sample Location	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D	MW-33	MW-34D	MW-35	MW-51
	Sample Date	02/06/2026	02/06/2026	02/06/2026	02/06/2026	02/06/2026	02/06/2026	02/06/2026	02/06/2026	02/07/2026
ANALYTE	UNITS									
APPENDIX III										
Boron	mg/L	2.3	2.2	7.0	4.9	2.0	6.4	6.6	1.8	7.7
Calcium	mg/L	146	177	248	222	103	338	325	106	358
Chloride	mg/L	43.6	61.3	80.5	68.4	41.3	65.2	71.8	105	75.8
Fluoride	mg/L	0.065 J	0.052 J	0.066 J	0.092 J	0.059 J	0.086 J	0.074 J	0.13	0.095 J
pH, Field	SU	6.14	7.15	6.44	4.90	7.38	4.70	6.94	5.83	5.89
Sulfate	mg/L	260	190	351	471	129	735	633	819	733
TDS	mg/L	642	658	968	936	434	1360	1260	1660	1300
APPENDIX IV										
Antimony	mg/L	0.00071 J	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043
Arsenic	mg/L	0.00043 J	0.00056 J	0.00086 J	0.0014 J	< 0.00041	0.0020 J	0.00099 J	< 0.00041	0.0013 J
Barium	mg/L	0.022	0.090	0.029	0.018	0.044	0.019	0.027	0.046	0.020
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	0.0022	< 0.00015	0.00057	< 0.00015	< 0.00015	0.00056
Cadmium	mg/L	0.0010	< 0.00010	0.00011 J	0.00095	< 0.00010	0.00017 J	0.00074	< 0.00010	0.00071
Chromium	mg/L	0.00033 J	0.00054 J	0.00032 J	0.00031 J	0.00024 J	0.00025 J	0.00039 J	0.00024 J	0.00026 J
Cobalt	mg/L	0.013	< 0.00012	0.0084	0.087	< 0.00012	0.043	0.0045 J	< 0.00012	0.020
Lead	mg/L	< 0.00027	< 0.00027	< 0.00027	0.00050 J	< 0.00027	0.00077 J	< 0.00027	< 0.00027	< 0.00027
Lithium	mg/L	0.0106	0.00374	0.00997	0.0143	0.00107 J	0.00148 J	0.00281	0.00260	0.0107
Mercury	mg/L	0.00014 J	0.00012 J	0.00012 J	0.00029	0.00012 J	0.00017 J	0.00011 J	0.00017 J	0.00011 J
Molybdenum	mg/L	< 0.0020	< 0.0020	< 0.0020	< 0.0020	0.016	< 0.0020	< 0.0020	0.017	< 0.0020
Combined Radium 226 + 228	pCi/L	0.458 U	0.935 U	0.184 U	1.46 U	0.154 U	1.40 U	0.647 U	1.37 U	0.451 U
Selenium	mg/L	< 0.00050	0.0024 J	0.0025 J	0.0022 J	< 0.00050	0.0054	0.0028 J	< 0.00050	0.0049 J
Thallium	mg/L	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	0.00024 J	< 0.00017	< 0.00017	< 0.00017
Fluoride	mg/L	0.065 J	0.052 J	0.066 J	0.092 J	0.059 J	0.086 J	0.074 J	0.13	0.095 J
Additional Parameters										
Bicarbonate Alkalinity as CaCO3	mg/L	103	197	194	< 5.0	121	< 5.0	95.0	32.8	58.3
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	103	197	194	< 5.0	121	< 5.0	95.0	32.8	58.3
Magnesium	mg/L	22.7	13.8	27.1	22.3	16.2	28.6	29.8	16.6	35.0
Potassium	mg/L	0.89	0.76	2.6	8.0	0.71	11.1	9.6	0.74	8.5
Sodium	mg/L	9.0	9.2	13.3	9.2	7.8	9.7	8.4	8.0	10.6

Table 6
Summary of Corrective Action Piezometer Groundwater Analytical Data
Georgia Power Company
Plant Hammond - Ash Pond 2
Floyd County, GA

	Sample Location	PT-01	MW-55	MW-56	MW-57	MW-58	MW-59
	Sample Date	02/10/2026	02/10/2026	02/10/2026	02/10/2026	02/10/2026	02/10/2026
ANALYTE	UNITS						
APPENDIX III							
pH, Field	SU	6.58	6.45	5.50	5.77	5.82	4.27
APPENDIX IV							
Cobalt	mg/L	0.0014 J	0.025	0.082	0.056	0.016	0.10
Additional Parameters							
Bicarbonate Alkalinity as CaCO3	mg/L	147	NA	NA	NA	NA	NA
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	NA	NA	NA	NA	NA
Total Alkalinity as CaCO3	mg/L	147	NA	NA	NA	NA	NA

Notes:
mg/L - milligrams per liter
SU - Standard Units
< 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 limits.

Table 7
Summary of Surface Water Analytical Data
Georgia Power Company
Plant Hammond - Ash Pond 2
Floyd County, GA

Sample Location[1]		H+0.25	H+0.35	H+0.75	AP2 Down	AP2 Up	AP2 Mid
Sample Date		02/02/2026	02/02/2026	02/02/2026	02/02/2026	02/02/2026	02/02/2026
ANALYTE	UNITS						
APPENDIX III							
Boron	mg/L	0.073	0.063	0.058	< 0.040	< 0.040	< 0.040
Calcium	mg/L	20.0	19.1	19.1	40.9	38.5	42.8
Chloride	mg/L	8.6	8.2	7.9	1.6	1.5	1.6
Fluoride	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
pH, Field	SU	8.13	8.09	8.11	8.01	7.76	7.94
Sulfate	mg/L	11.4	11.1	11.2	8.4	7.2	8.3
TDS	mg/L	104	108	112	122	127	121
APPENDIX IV							
Cobalt	mg/L	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050	< 0.0050
Fluoride	mg/L	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Molybdenum	mg/L	< 0.010	NA	NA	NA	NA	NA
Additional Parameters							
Alkalinity Total as CaCO3	mg/L	62.6	62.3	61.0	94.9	93.7	95.9
Bicarbonate Alkalinity as CaCO3	mg/L	62.6	62.3	61.0	94.9	93.7	95.9
Carbonate Alkalinity as CaCO3	mg/L	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Magnesium	mg/L	5.1	5.0	5.1	3.5	3.6	3.6
Potassium	mg/L	2.2	2.1	2.1	0.63	0.78	0.62
Sodium	mg/L	8.3	7.7	8.0	1.8	1.7	1.7

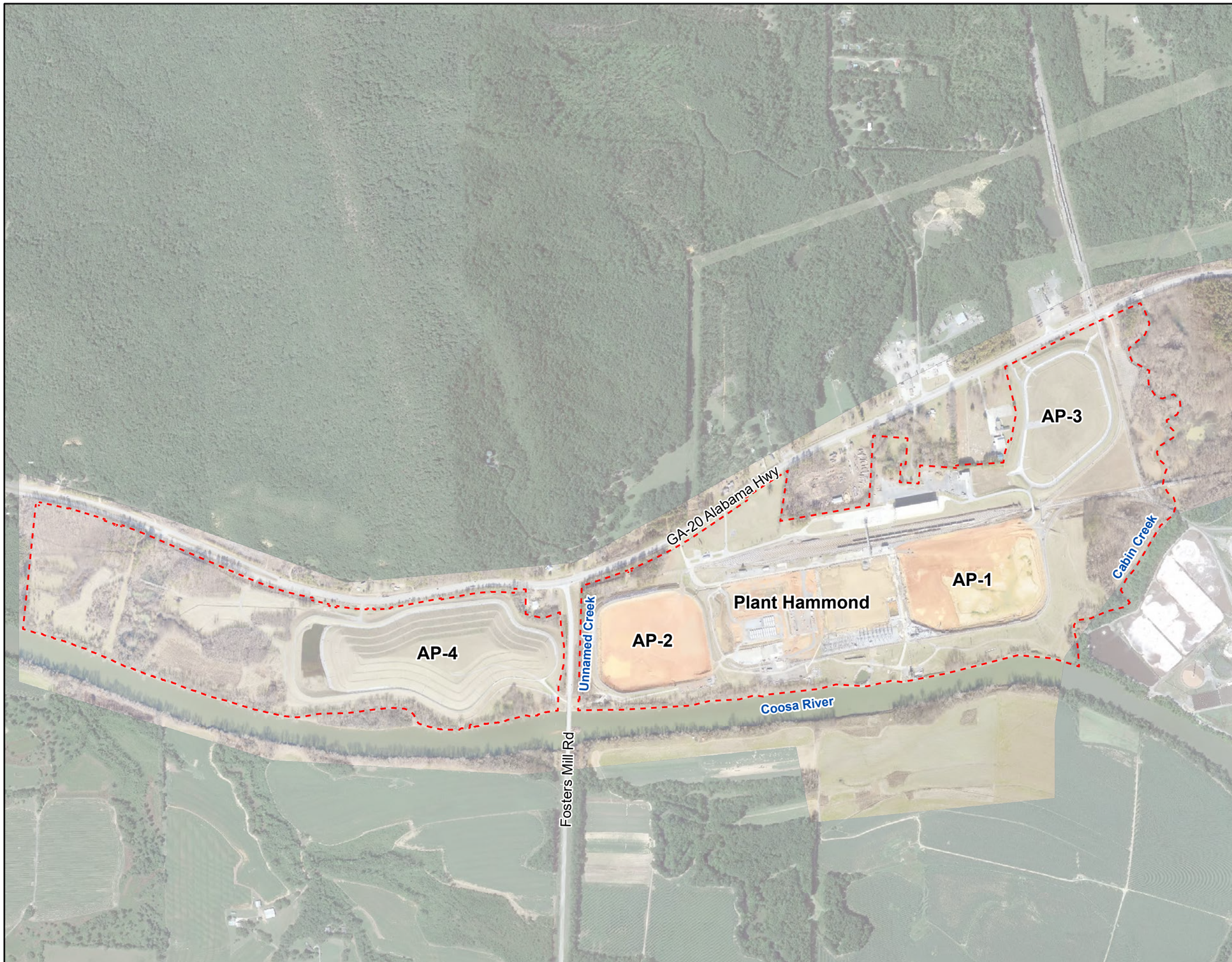
mg/L - milligrams per liter
NA - Indicates not analyzed
SU - Standard Units
TDS - Total Dissolved Solids
< indicates the substance was not detected above the reporting limit (RL).
(1) Refer to Figure 2 for locations.

Table 8
Summary of Background Concentrations and Groundwater Protection Standards
Georgia Power Company
Plant Hammond Ash Pond 2
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	0.003	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	0.019	0.1
Cobalt	mg/L	N/A	0.006	0.038	0.038
Combined Radium 226 + 228	pCi/L	5	N/A	1.57	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 GWPS.
(4) The GWPS apply to the February 2026 sampling event.

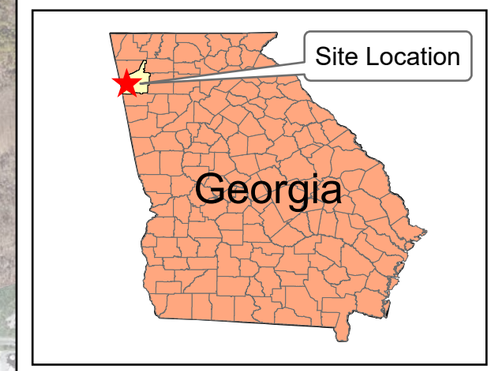
FIGURES



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

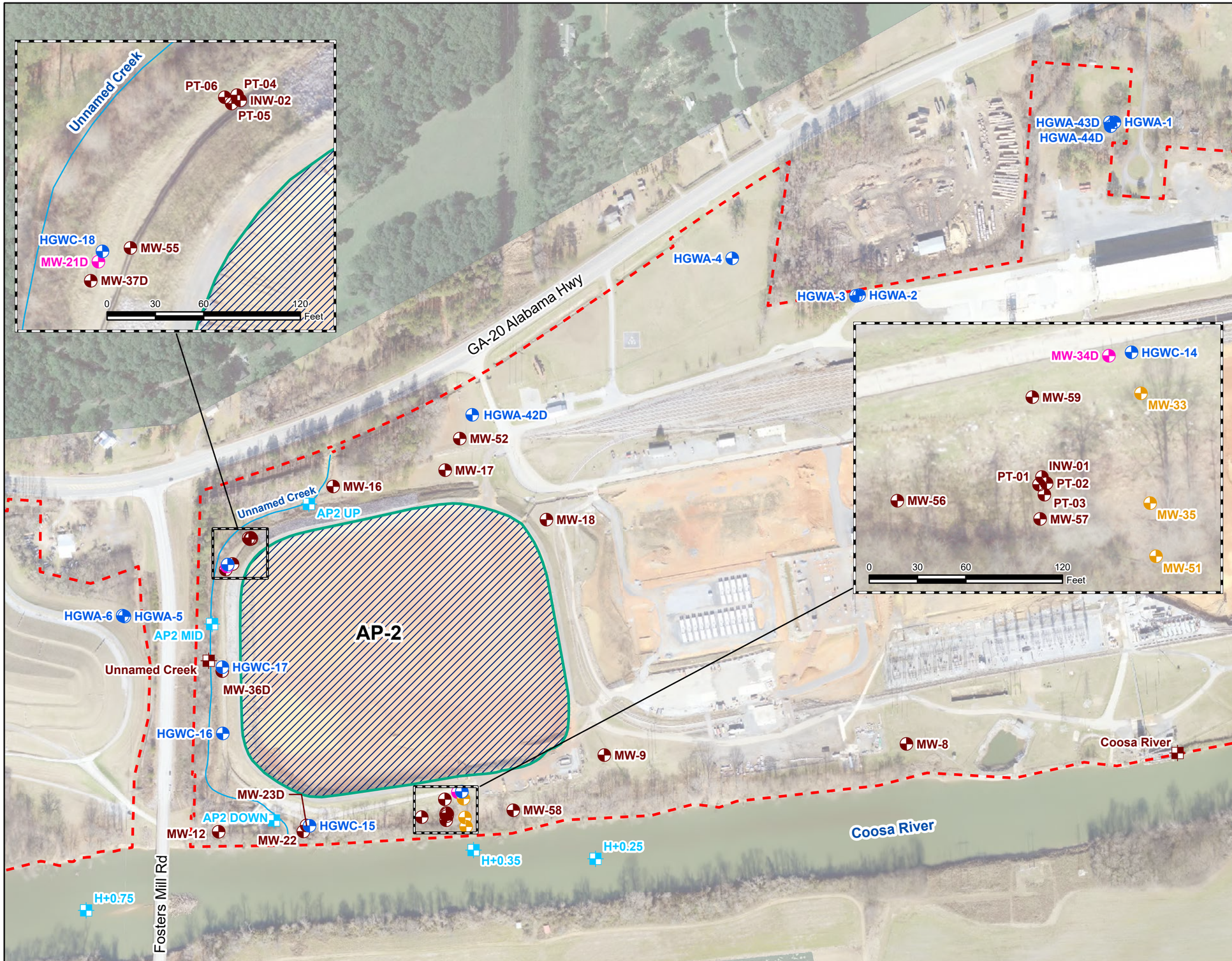
GEORGIA POWER COMPANY
PLANT HAMMOND AP-2
ROME, FLOYD COUNTY, GEORGIA

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
- Creek
- AP-2 Ash Boundary (removal certified complete by GA EPD on December 23, 2024)
- Plant Hammond Property Boundary

Notes:
1. Piezometers INW-01, INW-02, MW-55 through MW-59, and PT-01 through PT-06 were installed in support of an Assessment of Corrective Measures pre-design investigation and are not included in the monitoring well network.
2. GA EPD - Georgia Environmental Protection Division.
3. Aerial photograph source: Google Earth Pro August 2019 and Georgia Power Company, January 2026.

0 175 350 700

SCALE IN FEET

MONITORING WELL NETWORK AND SAMPLING LOCATION MAP

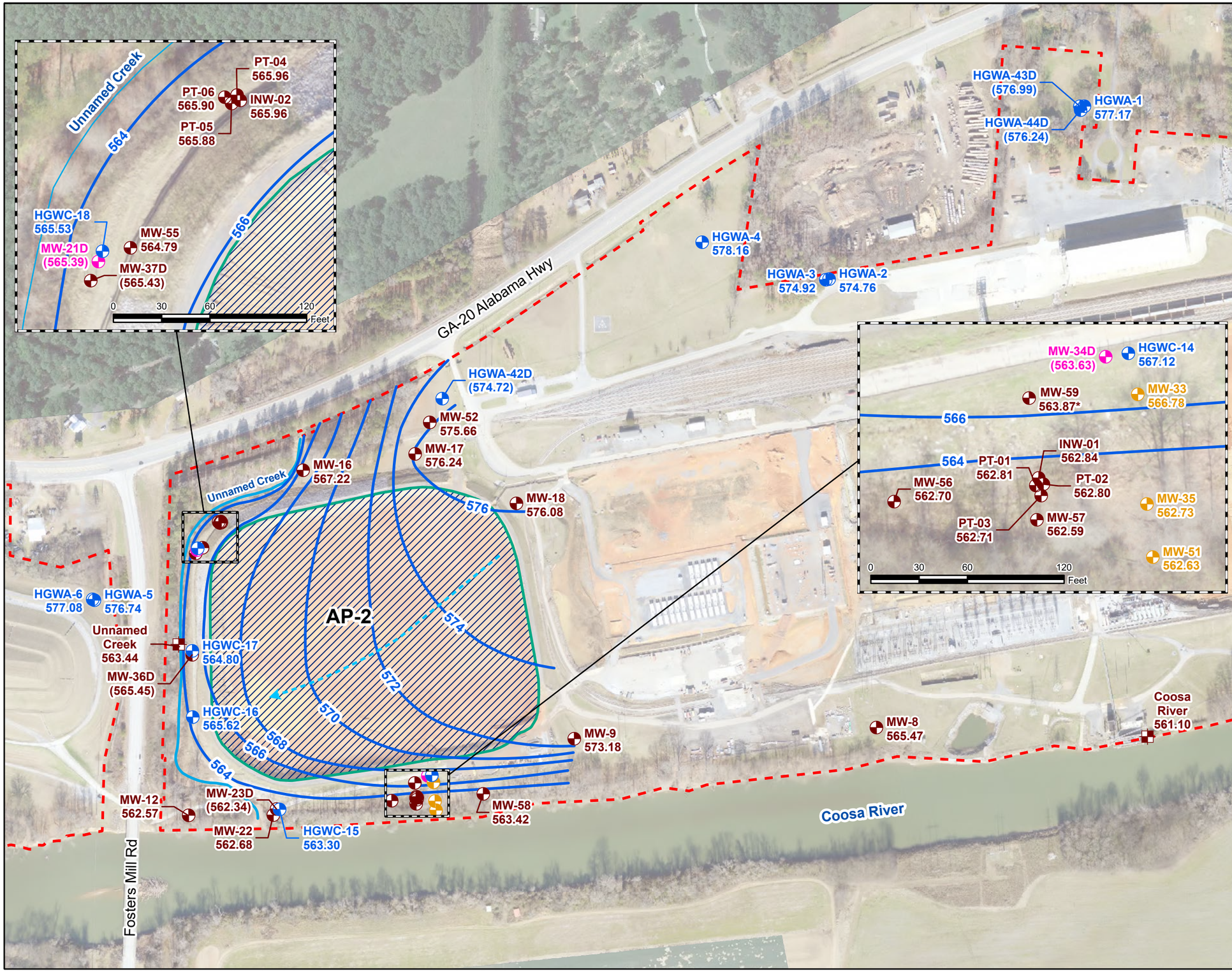
GEORGIA POWER COMPANY
PLANT HAMMOND AP-2
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

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
- Creek
- AP-2 Ash Boundary (removal certified complete by GA EPD on December 23, 2024)
- Plant Hammond Property Boundary

GEORGIA REGISTERED 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 readings.
4. GA EPD - Georgia Environmental Protection Division.
5. Aerial photograph source: Google Earth Pro August 2019 and Georgia Power Company, January 2026.

0 175 350 700

SCALE IN FEET

POTENTIOMETRIC SURFACE CONTOUR MAP - FEBRUARY 2026

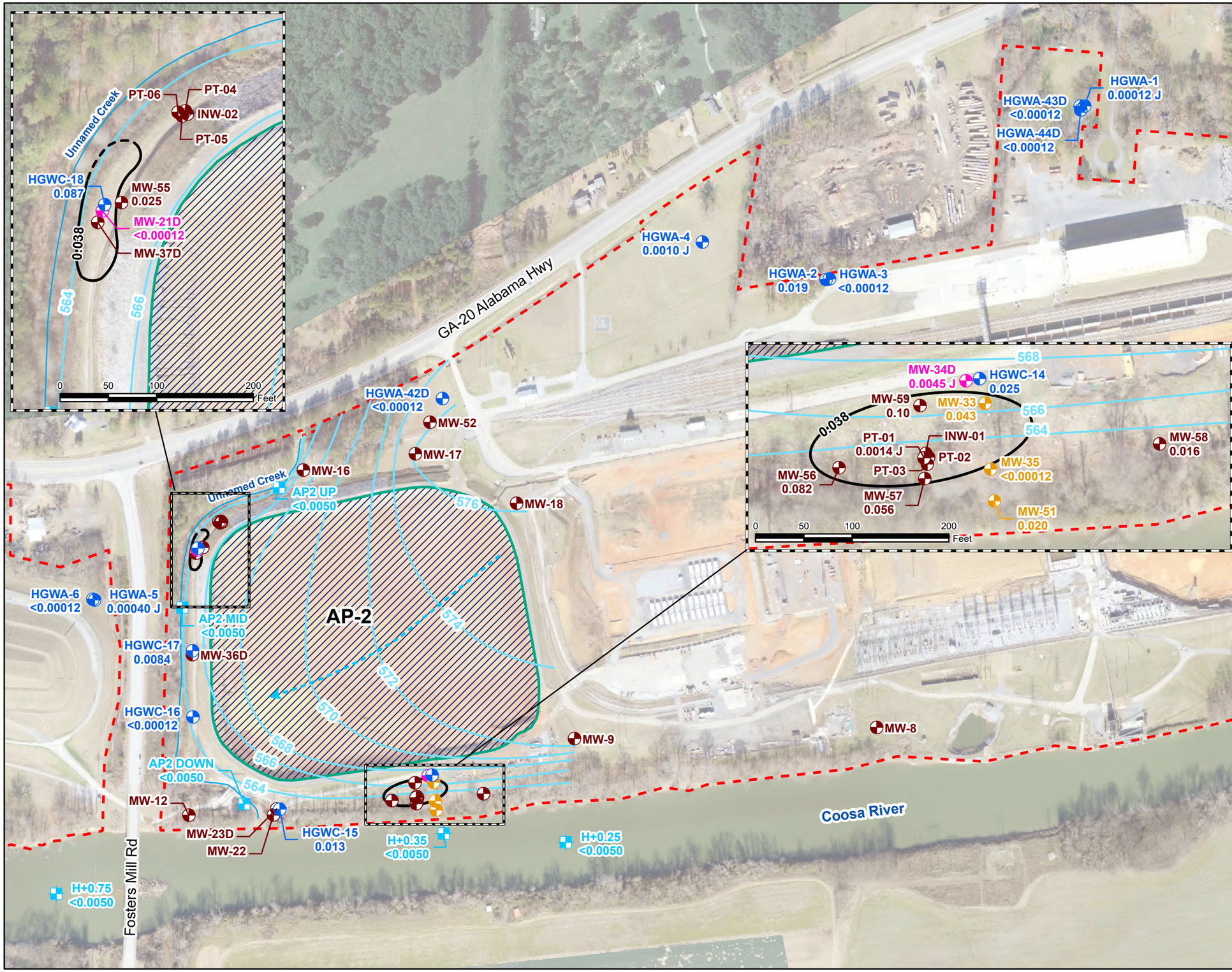
GEORGIA POWER COMPANY
PLANT HAMMOND AP-2
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

KENNESAW, GA | AUGUST 2026

FIGURE 3



N

LEGEND

- Detection Monitoring Well
- Horizontal Assessment Monitoring Well
- Vertical Assessment Monitoring Well
- Piezometer
- Surface Water Sample Point
- GWPS Cobalt Iso-Concentration Contour (mg/L) (dashed where inferred)
- Groundwater Elevation Contour
- Approximate Groundwater Flow Direction
- Creek
- AP-2 Ash Boundary (removal certified complete by GA EPD on December 23, 2024)
- Plant Hammond Property Boundary

Notes:
1. Concentration data from groundwater samples collected during the February 2026 semiannual monitoring event. Data reported for piezometer PT-01 and for wells screened deeper in the aquifer were not used to generate the iso-concentration contour (HGWA-42D, HGWA-43D, HGWA-44D, MW-21D, MW-23D, MW-34D, MW-37D). 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 cobalt is 0.038 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.

0 175 350 700

SCALE IN FEET

ISO-CONCENTRATION MAP
COBALT - FEBRUARY 2026

GEORGIA POWER COMPANY
PLANT HAMMOND AP-2
ROME, FLOYD COUNTY, GEORGIA

Prepared For: Georgia Power

Prepared By: Geosyntec consultants

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FIGURE 4

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 2 (AP-2) – 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 2 (AP-2) 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-2	2/2/2026	All Wells	Checked and cleared weep holes of debris.

Attachment
Well Inspection Summary Table

Well Inspection

Site Name: Plant Hammond AP-2

Date: 02/02/2026

Permit Number: 057-024D(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-4	Yes	Yes	No	Yes
HGWA-5	Yes	Yes	No	Yes
HGWA_6	Yes	Yes	No	Yes
HGWA-42D	Yes	Yes	No	Yes
HGWA-43D	Yes	Yes	No	Yes
HGWA-44D	Yes	Yes	No	Yes
HGWC-14	Yes	Yes	No	Yes
HGWC-15	Yes	Yes	No	Yes
HGWC-16	Yes	Yes	No	Yes
HGWC-17	Yes	Yes	No	Yes
HGWC-18	Yes	Yes	No	Yes
MW-9	Yes	Yes	No	Yes
MW-12	Yes	Yes	No	Yes
MW-16	Yes	Yes	No	Yes
MW-17	Yes	Yes	No	Yes
MW-18	Yes	Yes	No	Yes
MW-21D	Yes	Yes	No	Yes
MW-22	Yes	Yes	No	Yes
MW-23D	Yes	Yes	No	Yes
MW-33	Yes	Yes	No	Yes
MW-34D	Yes	Yes	No	Yes
MW-35	Yes	Yes	No	Yes
MW-36D	Yes	Yes	No	Yes
MW-37D	Yes	Yes	No	Yes
MW-51	Yes	Yes	No	Yes
MW-52	Yes	Yes	No	Yes
MW-55	Yes	Yes	No	Yes
MW-56	Yes	Yes	No	Yes
MW-57	Yes	Yes	No	Yes
MW-58	Yes	Yes	No	Yes
MW-59	Yes	Yes	No	Yes
PT-01	Yes	Yes	No	Yes
PT-02	Yes	Yes	No	Yes
PT-03	Yes	Yes	No	Yes
PT-04	Yes	Yes	No	Yes
PT-05	Yes	Yes	No	Yes
PT-06	Yes	Yes	No	Yes
INW-01	Yes	Yes	No	Yes
INW-02	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Hammond AP-2

Date: 02/02/2026

Permit Number: 057-024D(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-4	Yes	Yes	Yes	Yes	Yes
HGWA-5	Yes	Yes	Yes	Yes	Yes
HGWA_6	Yes	Yes	Yes	Yes	Yes
HGWA-42D	Yes	Yes	Yes	Yes	Yes
HGWA-43D	Yes	Yes	Yes	Yes	Yes
HGWA-44D	Yes	Yes	Yes	Yes	Yes
HGWC-14	Yes	Yes	Yes	Yes	Yes
HGWC-15	Yes	Yes	Yes	Yes	Yes
HGWC-16	Yes	Yes	Yes	Yes	Yes
HGWC-17	Yes	Yes	Yes	Yes	Yes
HGWC-18	Yes	Yes	Yes	Yes	Yes
MW-9	Yes	Yes	Yes	Yes	Yes
MW-12	Yes	Yes	Yes	Yes	Yes
MW-16	Yes	Yes	Yes	Yes	Yes
MW-17	Yes	Yes	Yes	Yes	Yes
MW-18	Yes	Yes	Yes	Yes	Yes
MW-21D	Yes	Yes	Yes	Yes	Yes
MW-22	Yes	Yes	Yes	Yes	Yes
MW-23D	Yes	Yes	Yes	Yes	Yes
MW-33	Yes	Yes	Yes	Yes	Yes
MW-34D	Yes	Yes	Yes	Yes	Yes
MW-35	Yes	Yes	Yes	Yes	Yes
MW-36D	Yes	Yes	Yes	Yes	Yes
MW-37D	Yes	Yes	Yes	Yes	Yes
MW-51	Yes	Yes	Yes	Yes	Yes
MW-52	Yes	Yes	Yes	Yes	Yes
MW-55	Yes	Yes	Yes	Yes	Yes
MW-56	Yes	Yes	Yes	Yes	Yes
MW-57	Yes	Yes	Yes	Yes	Yes
MW-58	Yes	Yes	Yes	Yes	Yes
MW-59	Yes	Yes	Yes	Yes	Yes
PT-01	Yes	Yes	Yes	Yes	Yes
PT-02	Yes	Yes	Yes	Yes	Yes
PT-03	Yes	Yes	Yes	Yes	Yes
PT-04	Yes	Yes	Yes	Yes	Yes
PT-05	Yes	Yes	Yes	Yes	Yes
PT-06	Yes	Yes	Yes	Yes	Yes
INW-01	Yes	Yes	Yes	Yes	Yes
INW-02	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Hammond AP-2

Date: 02/02/2026

Permit Number: 057-024D(CCR)

Field Conditions: Clear, 29° F

Well ID:	Surface Pad			Internal Casing		
	Good condition (not cracked/ broken)	Sloped away from the protective casing	In complete contact with the ground surface and stable	Cap prevents entry of foreign material into the well	Free of kinks/bends, or any obstructions from foreign objects (such as bailers)	Properly vented for equilibration of air pressure
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-4	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-5	Yes	Yes	Yes	Yes	Yes	Yes
HGWA_6	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-42D	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-43D	Yes	Yes	Yes	Yes	Yes	Yes
HGWA-44D	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-14	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-15	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-16	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-17	Yes	Yes	Yes	Yes	Yes	Yes
HGWC-18	Yes	Yes	Yes	Yes	Yes	Yes
MW-9	Yes	Yes	Yes	Yes	Yes	Yes
MW-12	Yes	Yes	Yes	Yes	Yes	Yes
MW-16	Yes	Yes	Yes	Yes	Yes	Yes
MW-17	Yes	Yes	Yes	Yes	Yes	Yes
MW-18	Yes	Yes	Yes	Yes	Yes	Yes
MW-21D	Yes	Yes	Yes	Yes	Yes	Yes
MW-22	Yes	Yes	Yes	Yes	Yes	Yes
MW-23D	Yes	Yes	Yes	Yes	Yes	Yes
MW-33	Yes	Yes	Yes	Yes	Yes	Yes
MW-34D	Yes	Yes	Yes	Yes	Yes	Yes
MW-35	Yes	Yes	Yes	Yes	Yes	Yes
MW-36D	Yes	Yes	Yes	Yes	Yes	Yes
MW-37D	Yes	Yes	Yes	Yes	Yes	Yes
MW-51	Yes	Yes	Yes	Yes	Yes	Yes
MW-52	Yes	Yes	Yes	Yes	Yes	Yes
MW-56	Yes	Yes	Yes	Yes	Yes	Yes
MW-57	Yes	Yes	Yes	Yes	Yes	Yes
MW-58	Yes	Yes	Yes	Yes	Yes	Yes
MW-59	Yes	Yes	Yes	Yes	Yes	Yes
PT-01	Yes	Yes	Yes	Yes	Yes	Yes
PT-02	Yes	Yes	Yes	Yes	Yes	Yes
PT-03	Yes	Yes	Yes	Yes	Yes	Yes
PT-04	Yes	Yes	Yes	Yes	Yes	Yes
PT-05	Yes	Yes	Yes	Yes	Yes	Yes
PT-06	Yes	Yes	Yes	Yes	Yes	Yes
INW-01	Yes	Yes	Yes	Yes	Yes	Yes
INW-02	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Hammond AP-2

Date: 02/02/2026

Permit Number: 057-024D(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-4	N/A
HGWA-5	N/A
HGWA_6	N/A
HGWA-42D	N/A
HGWA-43D	N/A
HGWA-44D	N/A
HGWC-14	N/A
HGWC-15	N/A
HGWC-16	N/A
HGWC-17	N/A
HGWC-18	N/A
MW-9	N/A
MW-12	N/A
MW-16	N/A
MW-17	N/A
MW-18	N/A
MW-21D	N/A
MW-22	N/A
MW-23D	N/A
MW-33	N/A
MW-34D	N/A
MW-35	N/A
MW-36D	N/A
MW-37D	N/A
MW-51	N/A
MW-52	N/A
MW-56	N/A
MW-57	N/A
MW-58	N/A
MW-59	N/A
PT-01	N/A
PT-02	N/A
PT-03	N/A
PT-04	N/A
PT-05	N/A
PT-06	N/A
INW-01	N/A
INW-02	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
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

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

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: 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

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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	

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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
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: 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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REPORT OF LABORATORY ANALYSIS

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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	

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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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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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
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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

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

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

Date/Initials Person Examining Contents: 2/4/26 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? -Includes Date/Time/ID/Analysis Matrix: W	☑ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

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

Project # **WO#: 92842470**
PM: BV Due Date: 02/19/26
CLIENT: 92- GP-HAM

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

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

Pace	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BPN	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																								
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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; AcctNum / 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	WT	Grab			2/3/2026	1118	5			X	X	X	X							Temp = 16 deg C	
HAM-HGWA-2	WG	WT	Grab			2/3/2026	1356	5			X	X	X	X							Temp = 18 deg C	
HAM-HGWA-3	WG	WT	Grab			2/3/2026	1558	5			X	X	X	X							Temp = 18 deg C	
HAM-HGWA-43D	WG	WT	Grab			2/3/2026	1027	5			X	X	X	X							Temp = 15 deg C	
HAM-HGWA-44D	WG	WT	Grab			2/3/2026	1440	5			X	X	X	X							Temp = 17 deg C	
HAM-UGRD-FD-01	WG	WT	Grab			2/3/2026	0000	4			X	X	X								Temp = 17 deg C	
HAM-UGRD-EB-01	WQ	WT	Grab	ZW 2/3/2026		2/3/2026	1705	4			X	X	X								Temp = 17 deg C	
HAM-UGRD-FB-01	WQ	WT	Grab			2/3/2026	1700	4			X	X	X								Temp = 17 deg C	
HAM-HGWA-1	WG	WT	Grab			2/3/2026	1118	2							X						Temp = 16 deg C	
HAM-HGWA-2	WG	WT	Grab			2/3/2026	1356	2	ZW 2/3/2026						X						Temp = 18 deg C	

Additional Instructions from Pace®:
Least Single
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) Liam Webb, Sam Weatherly, Grant Uecker
Signature: Liam 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:
[signature] / Pace	2/4/2026; 1301	Liam Williams / Pace	2/4/2026 1301	
Liam Williams / Pace	2/4/2026 1715	[signature]	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

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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 _____	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) Na2SO4, (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 3283380

* 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	Preservation non-conformance identified for sample
HAM-HGWA-3	WG	~~WT~~	Grab			2/3/2026	1558	2							X	Temp = 18 deg C	
HAM-HGWA-43D	WG	~~WT~~	Grab			2/3/2026	1027	2							X	Temp = 15 deg C	
HAM-HGWA 44D	WG	~~WT~~	Grab			2/3/2026	1440	2							X	Temp = 17 deg C	
HAM-UGRD-FD-01	WG	~~WT~~	Grab			2/3/2026	0000	2							X	Temp = 17 deg C	
HAM-UGRD-EB-01	WQ	~~WT~~	Grab	ZW 2/3/2026		2/3/2026	1705	2							X	Temp = 17 deg C	
HAM-UGRD-FB-01	WQ	~~WT~~	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:
Gasymez	2/4/2026 13:01	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: 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
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	

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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	

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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	

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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	

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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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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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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-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	

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Huntersville, NC 28078
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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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QUALITY CONTROL - RADIOCHEMISTRY

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

QC Batch: 799528
QC Batch Method: EPA 9320
Analysis 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.

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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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Pace Analytical Services, LLC
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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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# : 92842485**

92842485

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

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

Date/Initials Person Examining Contents: 2/4/26 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:** _____

Pace	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)	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)
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.

Pace	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

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

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

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:

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / 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 (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	Preservation non-conformance identified for sample
HAM-HGWA-3 WG	~~WT~~	Grab			2/3/2026	1558	2							X	Temp = 18 deg C	
HAM-HGWA-43D WG	~~WT~~	Grab			2/3/2026	1027	2							X	Temp = 15 deg C	
HAM-HGWA-44D WG	~~WT~~	Grab			2/3/2026	1440	2							X	Temp = 17 deg C	
HAM-UGRD-FD-01 WG	~~WT~~	Grab			2/3/2026	0000	2							X	Temp = 17 deg C	
HAM-UGRD-EB-01 WQ	~~WT~~	Grab	ZW 2/3/2026		2/3/2026	1705	2							X	Temp = 17 deg C	
HAM-UGRD-FB-01 WQ	~~WT~~	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 Ulrich, Sam Weatherly
Signature: Zain Webb, S Weatherly

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: | Thermometer ID: | Correction Factor (°C): | Obs. Temp. (°C) | Corrected Temp. (°C) | Guide:

Relinquished by/Company: (Signature) Georgia	Date/Time: 2/4/2026, 13:01	Received by/Company: (Signature) Pace	Date/Time: 2/4/2026 1301
Relinquished by/Company: (Signature) Pace	Date/Time: 2/4/2026 1715	Received by/Company: (Signature)	Date/Time: 2/4/26 1715
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 2

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-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), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **: **Container Size: (1) 1L (2) 500mL, (3) 250mL, (4) 125mL (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

Identify Container Preservative Type***: *** 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

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	Preservation non-conformance identified for sample
HAM-HGWA-1	WG	WT	Grab			2/3/2026	1118	5			X	X	X	X		Temp = 16 deg C	
HAM-HGWA-2	WG	WT	Grab			2/3/2026	1356	5			X	X	X	X		Temp = 18 deg C	
HAM-HGWA-3	WG	WT	Grab			2/3/2026	1558	5			X	X	X	X		Temp = 18 deg C	
HAM-HGWA-43D	WG	WT	Grab			2/3/2026	1027	5			X	X	X	X		Temp = 15 deg C	
HAM-HGWA-44D	WG	WT	Grab			2/3/2026	1440	5			X	X	X	X		Temp = 17 deg C	
HAM-UGRD-FD-01	WG	WT	Grab			2/3/2026	0000	4			X	X	X			Temp = 17 deg C	
HAM-UGRD-EB-01	WQ	WT	Grab	ZW 2/3/2026		2/3/2026	1705	4			X	X	X			Temp = 17 deg C	
HAM-UGRD-FB-01	WQ	WT	Grab			2/3/2026	1700	4			X	X	X			Temp = 17 deg C	
HAM-HGWA-1	WG	WT	Grab			2/3/2026	1118	2							X	Temp = 16 deg C	
HAM-HGWA-2	WG	WT	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

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: 2/4/2026; 1301	Received by/Company: (Signature) Pace	Date/Time: 2/4/2026 1301
Relinquished by/Company: (Signature) Pace	Date/Time: 2/4/2026 1715	Received by/Company: (Signature)	Date/Time: 2/4/26 1715
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 2

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 03, 2026

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

RE: Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 04, 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
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

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

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Pace Analytical Services National
12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Mold Certification #: LAB0152
Texas Certification #: T 104704245-17-14
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
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

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

SAMPLE SUMMARY

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92842453001	**HAM-HGWA-4**	Water	02/03/26 16:40	02/04/26 17:15
92842453002	**HAM-HGWA-5**	Water	02/04/26 10:53	02/06/26 17:20
92842453003	**HAM-HGWA-6**	Water	02/04/26 12:23	02/06/26 17:20
92842453004	**HAM-HGWA-42D**	Water	02/04/26 10:28	02/06/26 17:20
92842453005	**HAM-HGWC-14**	Water	02/07/26 09:27	02/09/26 17:05
92842453006	**HAM-HGWC-15**	Water	02/06/26 14:15	02/09/26 17:05
92842453007	**HAM-HGWC-16**	Water	02/06/26 17:07	02/09/26 17:05
92842453008	**HAM-HGWC-17**	Water	02/06/26 15:08	02/09/26 17:05
92842453009	**HAM-HGWC-18**	Water	02/06/26 10:45	02/09/26 17:05
92842453010	**HAM-MW-21D**	Water	02/06/26 13:07	02/09/26 17:05
92842453011	**HAM-MW-33**	Water	02/06/26 15:06	02/09/26 17:05
92842453012	**HAM-MW-34D**	Water	02/06/26 17:17	02/09/26 17:05
92842453013	**HAM-MW-35**	Water	02/06/26 16:41	02/09/26 17:05
92842453014	**HAM-MW-51**	Water	02/07/26 09:03	02/09/26 17:05
92842453015	**HAM-AP2-FD-01**	Water	02/06/26 00:00	02/09/26 17:05
92842453016	**HAM-AP2-EB-01**	Water	02/06/26 17:30	02/09/26 17:05
92842453017	**HAM-AP2-FB-01**	Water	02/06/26 17:25	02/09/26 17:05

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92842453001	**HAM-HGWA-4**	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
92842453002	**HAM-HGWA-5**	EPA 6020B	KHT	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	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842453003	**HAM-HGWA-6**	EPA 6020B	KHT	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	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842453004	**HAM-HGWA-42D**	EPA 6020B	KHT	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	BW	16	PASI-WC
		EPA 7470A	DH	1	PASI-WC
92842453005	**HAM-HGWC-14**	EPA 6020B	LD	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
92842453006	**HAM-HGWC-15**	EPA 6020B	LD	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
92842453007	**HAM-HGWC-16**	EPA 6020B	LD	1	PAN

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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
92842453008	**HAM-HGWC-17**	EPA 6020B	LD	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
92842453009	**HAM-HGWC-18**	EPA 6020B	LD	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
92842453010	**HAM-MW-21D**	EPA 6020B	LD	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
92842453011	**HAM-MW-33**	EPA 6020B	LD	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
92842453012	**HAM-MW-34D**	EPA 6020B	LD	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
92842453013	**HAM-MW-35**	EPA 6020B	LD	1	PAN
		SM 2320B-2021	MDW	3	PASI-A

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		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
92842453014	**HAM-MW-51**	EPA 6020B	LD	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
92842453015	**HAM-AP2-FD-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	NSS	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
92842453016	**HAM-AP2-EB-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	NSS	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
92842453017	**HAM-AP2-FB-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	NSS	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

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-2
Pace Project No.: 92842453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842453001	**HAM-HGWA-4**					
EPA 6020B	Lithium	0.00164J	mg/L	0.00200	02/12/26 21:59	J
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	20.0	mg/L	5.0	02/11/26 20:54	
SM 2320B-2021	Alkalinity, Total as CaCO3	20.0	mg/L	5.0	02/11/26 20:54	
SM 2540C-2020	Total Dissolved Solids	142	mg/L	25.0	02/06/26 17:38	
EPA 300.0 Rev 2.1 1993	Chloride	1.6	mg/L	1.0	02/06/26 02:53	
EPA 300.0 Rev 2.1 1993	Fluoride	0.18	mg/L	0.10	02/06/26 02:53	
EPA 300.0 Rev 2.1 1993	Sulfate	53.3	mg/L	1.0	02/06/26 02:53	
EPA 6020B	Barium	0.070	mg/L	0.0050	02/14/26 00:21	
EPA 6020B	Beryllium	0.00028J	mg/L	0.00040	02/14/26 00:21	
EPA 6020B	Boron	0.026J	mg/L	0.040	02/14/26 00:21	
EPA 6020B	Calcium	27.5	mg/L	0.40	02/14/26 00:21	
EPA 6020B	Chromium	0.00056J	mg/L	0.0050	02/14/26 00:21	
EPA 6020B	Cobalt	0.0010J	mg/L	0.0050	02/14/26 00:21	
EPA 6020B	Magnesium	4.7	mg/L	0.050	02/14/26 00:21	
EPA 6020B	Potassium	1.1	mg/L	0.40	02/14/26 00:21	
EPA 6020B	Sodium	5.0	mg/L	0.40	02/14/26 00:21	
92842453002	**HAM-HGWA-5**					
EPA 6020B	Lithium	0.00330	mg/L	0.00200	02/12/26 12:28	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	82.0	mg/L	5.0	02/14/26 11:44	
SM 2320B-2021	Alkalinity, Total as CaCO3	82.0	mg/L	5.0	02/14/26 11:44	
SM 2540C-2020	Total Dissolved Solids	130	mg/L	25.0	02/10/26 15:51	
EPA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	02/10/26 22:49	
EPA 300.0 Rev 2.1 1993	Fluoride	0.092J	mg/L	0.10	02/10/26 22:49	
EPA 300.0 Rev 2.1 1993	Sulfate	17.0	mg/L	1.0	02/10/26 22:49	
EPA 6020B	Barium	0.051	mg/L	0.0050	02/25/26 04:12	
EPA 6020B	Boron	0.025J	mg/L	0.040	02/25/26 04:12	
EPA 6020B	Calcium	27.5	mg/L	0.40	02/25/26 04:12	
EPA 6020B	Chromium	0.00044J	mg/L	0.0050	02/25/26 04:12	
EPA 6020B	Cobalt	0.00040J	mg/L	0.0050	02/25/26 04:12	
EPA 6020B	Magnesium	5.1	mg/L	0.050	02/25/26 04:12	
EPA 6020B	Potassium	0.67	mg/L	0.40	02/25/26 04:12	
EPA 6020B	Sodium	6.1	mg/L	0.40	02/25/26 04:12	
92842453003	**HAM-HGWA-6**					
EPA 6020B	Lithium	0.0113	mg/L	0.00200	02/12/26 12:31	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	162	mg/L	5.0	02/14/26 11:51	
SM 2320B-2021	Alkalinity, Total as CaCO3	162	mg/L	5.0	02/14/26 11:51	
SM 2540C-2020	Total Dissolved Solids	236	mg/L	25.0	02/10/26 15:51	
EPA 300.0 Rev 2.1 1993	Chloride	1.3	mg/L	1.0	02/10/26 23:03	
EPA 300.0 Rev 2.1 1993	Fluoride	0.080J	mg/L	0.10	02/10/26 23:03	
EPA 300.0 Rev 2.1 1993	Sulfate	33.1	mg/L	1.0	02/10/26 23:03	
EPA 6020B	Barium	0.20	mg/L	0.0050	02/25/26 04:21	
EPA 6020B	Boron	0.021J	mg/L	0.040	02/25/26 04:21	
EPA 6020B	Calcium	58.1	mg/L	2.0	02/25/26 04:30	
EPA 6020B	Magnesium	9.6	mg/L	0.050	02/25/26 04:21	
EPA 6020B	Potassium	0.61	mg/L	0.40	02/25/26 04:21	
EPA 6020B	Sodium	7.5	mg/L	0.40	02/25/26 04:21	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842453004	**HAM-HGWA-42D**					
EPA 6020B	Lithium	0.0116	mg/L	0.00200	02/12/26 12:34	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	143	mg/L	5.0	02/14/26 12:01	
SM 2320B-2021	Alkalinity, Total as CaCO3	143	mg/L	5.0	02/14/26 12:01	
SM 2540C-2020	Total Dissolved Solids	183	mg/L	25.0	02/10/26 15:51	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	02/10/26 23:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	02/10/26 23:45	
EPA 300.0 Rev 2.1 1993	Sulfate	10.9	mg/L	1.0	02/10/26 23:45	
EPA 6020B	Barium	0.21	mg/L	0.0050	02/23/26 14:23	
EPA 6020B	Boron	0.053	mg/L	0.040	02/23/26 14:23	
EPA 6020B	Calcium	49.6	mg/L	2.0	02/23/26 15:09	M1
EPA 6020B	Magnesium	6.8	mg/L	0.050	02/23/26 14:23	M1
EPA 6020B	Potassium	0.40J	mg/L	0.40	02/23/26 14:23	
EPA 6020B	Sodium	8.2	mg/L	0.40	02/23/26 14:23	M1
92842453005	**HAM-HGWC-14**					
EPA 6020B	Lithium	0.00104J	mg/L	0.00200	02/16/26 16:36	J
SM 2540C-2020	Total Dissolved Solids	1150	mg/L	50.0	02/12/26 04:59	
EPA 300.0 Rev 2.1 1993	Chloride	48.2	mg/L	1.0	02/11/26 06:17	
EPA 300.0 Rev 2.1 1993	Fluoride	0.052J	mg/L	0.10	02/11/26 06:17	
EPA 300.0 Rev 2.1 1993	Sulfate	597	mg/L	14.0	02/11/26 19:56	
EPA 6020B	Arsenic	0.0014J	mg/L	0.0020	02/24/26 14:19	
EPA 6020B	Barium	0.016	mg/L	0.0050	02/24/26 14:19	
EPA 6020B	Beryllium	0.00039J	mg/L	0.00040	02/24/26 14:19	
EPA 6020B	Boron	5.9	mg/L	1.0	02/24/26 13:14	M1
EPA 6020B	Calcium	307	mg/L	10.0	02/24/26 13:14	M1
EPA 6020B	Chromium	0.00027J	mg/L	0.0050	02/24/26 14:19	
EPA 6020B	Cobalt	0.025	mg/L	0.0050	02/24/26 14:19	
EPA 6020B	Lead	0.00097J	mg/L	0.0010	02/24/26 14:19	
EPA 6020B	Magnesium	24.5	mg/L	0.050	02/24/26 14:19	M1
EPA 6020B	Potassium	10.2	mg/L	0.40	02/24/26 14:19	M1
EPA 6020B	Selenium	0.0027J	mg/L	0.0050	02/24/26 14:19	
EPA 6020B	Sodium	7.7	mg/L	0.40	02/24/26 14:19	M1
EPA 6020B	Thallium	0.00029J	mg/L	0.00050	02/24/26 14:19	
EPA 7470A	Mercury	0.00012J	mg/L	0.00020	02/19/26 22:52	B
92842453006	**HAM-HGWC-15**					
EPA 6020B	Lithium	0.0106	mg/L	0.00200	02/16/26 16:39	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	103	mg/L	5.0	02/17/26 22:49	
SM 2320B-2021	Alkalinity, Total as CaCO3	103	mg/L	5.0	02/17/26 22:49	
SM 2540C-2020	Total Dissolved Solids	642	mg/L	50.0	02/12/26 04:58	
EPA 300.0 Rev 2.1 1993	Chloride	43.6	mg/L	1.0	02/11/26 06:33	
EPA 300.0 Rev 2.1 1993	Fluoride	0.065J	mg/L	0.10	02/11/26 06:33	
EPA 300.0 Rev 2.1 1993	Sulfate	260	mg/L	6.0	02/11/26 20:43	
EPA 6020B	Antimony	0.00071J	mg/L	0.0020	02/24/26 15:05	
EPA 6020B	Arsenic	0.00043J	mg/L	0.0020	02/24/26 15:05	
EPA 6020B	Barium	0.022	mg/L	0.0050	02/24/26 15:05	
EPA 6020B	Boron	2.3	mg/L	2.0	02/24/26 15:14	
EPA 6020B	Cadmium	0.0010	mg/L	0.00050	02/24/26 15:05	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842453006	**HAM-HGWC-15**					
EPA 6020B	Calcium	146	mg/L	20.0	02/24/26 15:14	
EPA 6020B	Chromium	0.00033J	mg/L	0.0050	02/24/26 15:05	
EPA 6020B	Cobalt	0.013	mg/L	0.0050	02/24/26 15:05	
EPA 6020B	Magnesium	22.7	mg/L	0.050	02/24/26 15:05	
EPA 6020B	Potassium	0.89	mg/L	0.40	02/24/26 15:05	
EPA 6020B	Sodium	9.0	mg/L	0.40	02/24/26 15:05	
EPA 7470A	Mercury	0.00014J	mg/L	0.00020	02/19/26 22:54	B
92842453007	**HAM-HGWC-16**					
EPA 6020B	Lithium	0.00374	mg/L	0.00200	02/16/26 16:42	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	197	mg/L	5.0	02/17/26 22:56	
SM 2320B-2021	Alkalinity, Total as CaCO3	197	mg/L	5.0	02/17/26 22:56	
SM 2540C-2020	Total Dissolved Solids	658	mg/L	50.0	02/12/26 04:58	
EPA 300.0 Rev 2.1 1993	Chloride	61.3	mg/L	1.0	02/11/26 07:41	
EPA 300.0 Rev 2.1 1993	Fluoride	0.052J	mg/L	0.10	02/11/26 07:41	
EPA 300.0 Rev 2.1 1993	Sulfate	190	mg/L	4.0	02/11/26 20:59	
EPA 6020B	Arsenic	0.00056J	mg/L	0.0020	02/24/26 15:24	
EPA 6020B	Barium	0.090	mg/L	0.0050	02/24/26 15:24	
EPA 6020B	Boron	2.2	mg/L	0.40	02/24/26 15:33	
EPA 6020B	Calcium	177	mg/L	4.0	02/24/26 15:33	
EPA 6020B	Chromium	0.00054J	mg/L	0.0050	02/24/26 15:24	
EPA 6020B	Magnesium	13.8	mg/L	0.050	02/24/26 15:24	
EPA 6020B	Potassium	0.76	mg/L	0.40	02/24/26 15:24	
EPA 6020B	Selenium	0.0024J	mg/L	0.0050	02/24/26 15:24	
EPA 6020B	Sodium	9.2	mg/L	0.40	02/24/26 15:24	
EPA 7470A	Mercury	0.00012J	mg/L	0.00020	02/19/26 22:57	B
92842453008	**HAM-HGWC-17**					
EPA 6020B	Lithium	0.00997	mg/L	0.00200	02/16/26 16:45	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	194	mg/L	5.0	02/17/26 23:04	
SM 2320B-2021	Alkalinity, Total as CaCO3	194	mg/L	5.0	02/17/26 23:04	
SM 2540C-2020	Total Dissolved Solids	968	mg/L	50.0	02/12/26 04:58	
EPA 300.0 Rev 2.1 1993	Chloride	80.5	mg/L	1.0	02/11/26 07:57	
EPA 300.0 Rev 2.1 1993	Fluoride	0.066J	mg/L	0.10	02/11/26 07:57	
EPA 300.0 Rev 2.1 1993	Sulfate	351	mg/L	8.0	02/11/26 21:14	
EPA 6020B	Arsenic	0.00086J	mg/L	0.0020	02/24/26 16:10	
EPA 6020B	Barium	0.029	mg/L	0.0050	02/24/26 16:10	
EPA 6020B	Boron	7.0	mg/L	1.0	02/24/26 15:42	
EPA 6020B	Cadmium	0.00011J	mg/L	0.00050	02/24/26 16:10	
EPA 6020B	Calcium	248	mg/L	10.0	02/24/26 15:42	
EPA 6020B	Chromium	0.00032J	mg/L	0.0050	02/24/26 16:10	
EPA 6020B	Cobalt	0.0084	mg/L	0.0050	02/24/26 16:10	
EPA 6020B	Magnesium	27.1	mg/L	1.2	02/24/26 15:42	
EPA 6020B	Potassium	2.6	mg/L	0.40	02/24/26 16:10	
EPA 6020B	Selenium	0.0025J	mg/L	0.0050	02/24/26 16:10	
EPA 6020B	Sodium	13.3	mg/L	0.40	02/24/26 16:10	
EPA 7470A	Mercury	0.00012J	mg/L	0.00020	02/19/26 23:04	B

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842453009	**HAM-HGWC-18**					
EPA 6020B	Lithium	0.0143	mg/L	0.00200	02/16/26 17:27	
SM 2540C-2020	Total Dissolved Solids	936	mg/L	50.0	02/12/26 04:58	
EPA 300.0 Rev 2.1 1993	Chloride	68.4	mg/L	1.0	02/11/26 08:13	
EPA 300.0 Rev 2.1 1993	Fluoride	0.092J	mg/L	0.10	02/11/26 08:13	
EPA 300.0 Rev 2.1 1993	Sulfate	471	mg/L	11.0	02/11/26 21:30	
EPA 6020B	Arsenic	0.0014J	mg/L	0.0020	02/24/26 16:19	
EPA 6020B	Barium	0.018	mg/L	0.0050	02/24/26 16:19	
EPA 6020B	Beryllium	0.0022	mg/L	0.00040	02/24/26 16:19	
EPA 6020B	Boron	4.9	mg/L	0.80	02/24/26 16:28	
EPA 6020B	Cadmium	0.00095	mg/L	0.00050	02/24/26 16:19	
EPA 6020B	Calcium	222	mg/L	8.0	02/24/26 16:28	
EPA 6020B	Chromium	0.00031J	mg/L	0.0050	02/24/26 16:19	
EPA 6020B	Cobalt	0.087	mg/L	0.0050	02/24/26 16:19	
EPA 6020B	Lead	0.00050J	mg/L	0.0010	02/24/26 16:19	
EPA 6020B	Magnesium	22.3	mg/L	0.050	02/24/26 16:19	
EPA 6020B	Potassium	8.0	mg/L	0.40	02/24/26 16:19	
EPA 6020B	Selenium	0.0022J	mg/L	0.0050	02/24/26 16:19	
EPA 6020B	Sodium	9.2	mg/L	0.40	02/24/26 16:19	
EPA 7470A	Mercury	0.00029	mg/L	0.00020	02/19/26 23:07	B
92842453010	**HAM-MW-21D**					
EPA 6020B	Lithium	0.00107J	mg/L	0.00200	02/16/26 17:30	J
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	121	mg/L	5.0	02/18/26 01:45	
SM 2320B-2021	Alkalinity, Total as CaCO3	121	mg/L	5.0	02/18/26 01:45	
SM 2540C-2020	Total Dissolved Solids	434	mg/L	25.0	02/12/26 04:58	
EPA 300.0 Rev 2.1 1993	Chloride	41.3	mg/L	1.0	02/11/26 08:29	
EPA 300.0 Rev 2.1 1993	Fluoride	0.059J	mg/L	0.10	02/11/26 08:29	
EPA 300.0 Rev 2.1 1993	Sulfate	129	mg/L	3.0	02/11/26 21:45	
EPA 6020B	Barium	0.044	mg/L	0.0050	02/24/26 16:38	
EPA 6020B	Boron	2.0	mg/L	0.40	02/24/26 16:47	
EPA 6020B	Calcium	103	mg/L	4.0	02/24/26 16:47	
EPA 6020B	Chromium	0.00024J	mg/L	0.0050	02/24/26 16:38	
EPA 6020B	Magnesium	16.2	mg/L	0.050	02/24/26 16:38	
EPA 6020B	Molybdenum	0.016	mg/L	0.010	02/24/26 16:38	
EPA 6020B	Potassium	0.71	mg/L	0.40	02/24/26 16:38	
EPA 6020B	Sodium	7.8	mg/L	0.40	02/24/26 16:38	
EPA 7470A	Mercury	0.00012J	mg/L	0.00020	02/19/26 23:15	B
92842453011	**HAM-MW-33**					
EPA 6020B	Lithium	0.00148J	mg/L	0.00200	02/16/26 17:33	J
SM 2540C-2020	Total Dissolved Solids	1360	mg/L	125	02/12/26 04:58	
EPA 300.0 Rev 2.1 1993	Chloride	65.2	mg/L	1.0	02/11/26 08:45	
EPA 300.0 Rev 2.1 1993	Fluoride	0.086J	mg/L	0.10	02/11/26 08:45	
EPA 300.0 Rev 2.1 1993	Sulfate	735	mg/L	16.0	02/11/26 22:01	
EPA 6020B	Arsenic	0.0020J	mg/L	0.0020	02/24/26 16:56	
EPA 6020B	Barium	0.019	mg/L	0.0050	02/24/26 16:56	
EPA 6020B	Beryllium	0.00057	mg/L	0.00040	02/24/26 16:56	
EPA 6020B	Boron	6.4	mg/L	1.0	02/24/26 17:05	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842453011	**HAM-MW-33**					
EPA 6020B	Cadmium	0.00017J	mg/L	0.00050	02/24/26 16:56	
EPA 6020B	Calcium	338	mg/L	10.0	02/24/26 17:05	
EPA 6020B	Chromium	0.00025J	mg/L	0.0050	02/24/26 16:56	
EPA 6020B	Cobalt	0.043	mg/L	0.0050	02/24/26 16:56	
EPA 6020B	Lead	0.00077J	mg/L	0.0010	02/24/26 16:56	
EPA 6020B	Magnesium	28.6	mg/L	1.2	02/24/26 17:05	
EPA 6020B	Potassium	11.1	mg/L	0.40	02/24/26 16:56	
EPA 6020B	Selenium	0.0054	mg/L	0.0050	02/24/26 16:56	
EPA 6020B	Sodium	9.7	mg/L	0.40	02/24/26 16:56	
EPA 6020B	Thallium	0.00024J	mg/L	0.00050	02/24/26 16:56	
EPA 7470A	Mercury	0.00017J	mg/L	0.00020	02/19/26 23:17	B
92842453012	**HAM-MW-34D**					
EPA 6020B	Lithium	0.00281	mg/L	0.00200	02/16/26 17:37	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	95.0	mg/L	5.0	02/18/26 02:00	
SM 2320B-2021	Alkalinity, Total as CaCO3	95.0	mg/L	5.0	02/18/26 02:00	
SM 2540C-2020	Total Dissolved Solids	1260	mg/L	125	02/12/26 04:59	
EPA 300.0 Rev 2.1 1993	Chloride	71.8	mg/L	1.0	02/11/26 09:01	M1
EPA 300.0 Rev 2.1 1993	Fluoride	0.074J	mg/L	0.10	02/11/26 09:01	M1
EPA 300.0 Rev 2.1 1993	Sulfate	633	mg/L	14.0	02/11/26 22:17	M1
EPA 6020B	Arsenic	0.00099J	mg/L	0.0020	02/24/26 17:15	
EPA 6020B	Barium	0.027	mg/L	0.0050	02/24/26 17:15	
EPA 6020B	Boron	6.6	mg/L	2.0	02/24/26 17:24	
EPA 6020B	Cadmium	0.00074	mg/L	0.00050	02/24/26 17:15	
EPA 6020B	Calcium	325	mg/L	20.0	02/24/26 17:24	
EPA 6020B	Chromium	0.00039J	mg/L	0.0050	02/24/26 17:15	
EPA 6020B	Cobalt	0.0045J	mg/L	0.0050	02/24/26 17:15	
EPA 6020B	Magnesium	29.8	mg/L	0.050	02/24/26 17:15	
EPA 6020B	Potassium	9.6	mg/L	0.40	02/24/26 17:15	
EPA 6020B	Selenium	0.0028J	mg/L	0.0050	02/24/26 17:15	
EPA 6020B	Sodium	8.4	mg/L	0.40	02/24/26 17:15	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	02/19/26 23:20	B
92842453013	**HAM-MW-35**					
EPA 6020B	Lithium	0.00260	mg/L	0.00200	02/16/26 17:40	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	32.8	mg/L	5.0	02/18/26 01:54	
SM 2320B-2021	Alkalinity, Total as CaCO3	32.8	mg/L	5.0	02/18/26 01:54	
SM 2540C-2020	Total Dissolved Solids	1660	mg/L	250	02/12/26 04:59	
EPA 300.0 Rev 2.1 1993	Chloride	105	mg/L	18.0	02/11/26 23:04	
EPA 300.0 Rev 2.1 1993	Fluoride	0.13	mg/L	0.10	02/11/26 09:48	
EPA 300.0 Rev 2.1 1993	Sulfate	819	mg/L	18.0	02/11/26 23:04	
EPA 6020B	Barium	0.046	mg/L	0.0050	02/24/26 18:19	
EPA 6020B	Boron	1.8	mg/L	0.40	02/25/26 08:45	
EPA 6020B	Calcium	106	mg/L	20.0	02/24/26 17:33	
EPA 6020B	Chromium	0.00024J	mg/L	0.0050	02/24/26 18:19	
EPA 6020B	Magnesium	16.6	mg/L	0.050	02/24/26 18:19	
EPA 6020B	Molybdenum	0.017	mg/L	0.010	02/24/26 18:19	
EPA 6020B	Potassium	0.74	mg/L	0.40	02/24/26 18:19	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842453013	**HAM-MW-35**					
EPA 6020B	Sodium	8.0	mg/L	0.40	02/24/26 18:19	
EPA 7470A	Mercury	0.00017J	mg/L	0.00020	02/19/26 23:22	B
92842453014	**HAM-MW-51**					
EPA 6020B	Lithium	0.0107	mg/L	0.00200	02/16/26 17:43	
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	58.3	mg/L	5.0	02/20/26 15:00	
SM 2320B-2021	Alkalinity, Total as CaCO3	58.3	mg/L	5.0	02/20/26 15:00	
SM 2540C-2020	Total Dissolved Solids	1300	mg/L	125	02/12/26 04:51	
EPA 300.0 Rev 2.1 1993	Chloride	75.8	mg/L	1.0	02/11/26 10:57	
EPA 300.0 Rev 2.1 1993	Fluoride	0.095J	mg/L	0.10	02/11/26 10:57	
EPA 300.0 Rev 2.1 1993	Sulfate	733	mg/L	16.0	02/11/26 23:51	
EPA 6020B	Arsenic	0.0013J	mg/L	0.0020	02/24/26 18:29	
EPA 6020B	Barium	0.020	mg/L	0.0050	02/24/26 18:29	
EPA 6020B	Beryllium	0.00056	mg/L	0.00040	02/24/26 18:29	
EPA 6020B	Boron	7.7	mg/L	2.0	02/24/26 18:38	
EPA 6020B	Cadmium	0.00071	mg/L	0.00050	02/24/26 18:29	
EPA 6020B	Calcium	358	mg/L	20.0	02/24/26 18:38	
EPA 6020B	Chromium	0.00026J	mg/L	0.0050	02/24/26 18:29	
EPA 6020B	Cobalt	0.020	mg/L	0.0050	02/24/26 18:29	
EPA 6020B	Magnesium	35.0	mg/L	2.5	02/24/26 18:38	
EPA 6020B	Potassium	8.5	mg/L	0.40	02/24/26 18:29	
EPA 6020B	Selenium	0.0049J	mg/L	0.0050	02/24/26 18:29	
EPA 6020B	Sodium	10.6	mg/L	0.40	02/24/26 18:29	
EPA 7470A	Mercury	0.00011J	mg/L	0.00020	02/19/26 23:25	B
92842453015	**HAM-AP2-FD-01**					
SM 2540C-2020	Total Dissolved Solids	654	mg/L	50.0	02/12/26 04:59	
EPA 300.0 Rev 2.1 1993	Chloride	43.6	mg/L	1.0	02/11/26 11:13	
EPA 300.0 Rev 2.1 1993	Fluoride	0.063J	mg/L	0.10	02/11/26 11:13	
EPA 300.0 Rev 2.1 1993	Sulfate	260	mg/L	6.0	02/12/26 00:07	
EPA 6020B	Antimony	0.00050J	mg/L	0.0020	02/24/26 18:47	
EPA 6020B	Arsenic	0.00044J	mg/L	0.0020	02/24/26 18:47	
EPA 6020B	Barium	0.022	mg/L	0.0050	02/24/26 18:47	
EPA 6020B	Boron	1.8	mg/L	1.0	02/25/26 08:55	
EPA 6020B	Cadmium	0.0011	mg/L	0.00050	02/24/26 18:47	
EPA 6020B	Calcium	146	mg/L	2.0	02/24/26 18:56	
EPA 6020B	Chromium	0.00033J	mg/L	0.0050	02/24/26 18:47	
EPA 6020B	Cobalt	0.014	mg/L	0.0050	02/24/26 18:47	
EPA 7470A	Mercury	0.00012J	mg/L	0.00020	02/19/26 23:27	B
92842453016	**HAM-AP2-EB-01**					
EPA 7470A	Mercury	0.000093J	mg/L	0.00020	02/19/26 23:30	B
92842453017	**HAM-AP2-FB-01**					
EPA 6020B	Lithium	0.00151J	mg/L	0.00200	02/16/26 17:53	J
EPA 6020B	Chromium	0.00041J	mg/L	0.0050	02/24/26 19:15	
EPA 7470A	Mercury	0.000092J	mg/L	0.00020	02/19/26 23:32	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWA-4 **Lab ID: 92842453001** Collected: 02/03/26 16:40 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	**0.00164J**	mg/L	0.00200	0.000600	1	02/12/26 13:43	02/12/26 21:59	7439-93-2	J
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**20.0**	mg/L	5.0	5.0	1		02/11/26 20:54		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/11/26 20:54		
Alkalinity, Total as CaCO3	**20.0**	mg/L	5.0	5.0	1		02/11/26 20:54		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**142**	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	**1.6**	mg/L	1.0	0.60	1		02/06/26 02:53	16887-00-6	
Fluoride	**0.18**	mg/L	0.10	0.050	1		02/06/26 02:53	16984-48-8	
Sulfate	**53.3**	mg/L	1.0	0.50	1		02/06/26 02:53	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/06/26 12:23	02/14/26 00:21	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/06/26 12:23	02/14/26 00:21	7440-38-2	
Barium	**0.070**	mg/L	0.0050	0.00056	1	02/06/26 12:23	02/14/26 00:21	7440-39-3	
Beryllium	**0.00028J**	mg/L	0.00040	0.00015	1	02/06/26 12:23	02/14/26 00:21	7440-41-7	
Boron	**0.026J**	mg/L	0.040	0.0073	1	02/06/26 12:23	02/14/26 00:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/06/26 12:23	02/14/26 00:21	7440-43-9	
Calcium	**27.5**	mg/L	0.40	0.10	1	02/06/26 12:23	02/14/26 00:21	7440-70-2	
Chromium	**0.00056J**	mg/L	0.0050	0.00024	1	02/06/26 12:23	02/14/26 00:21	7440-47-3	
Cobalt	**0.0010J**	mg/L	0.0050	0.00012	1	02/06/26 12:23	02/14/26 00:21	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/06/26 12:23	02/14/26 00:21	7439-92-1	
Magnesium	**4.7**	mg/L	0.050	0.024	1	02/06/26 12:23	02/14/26 00:21	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/06/26 12:23	02/14/26 00:21	7439-98-7	
Potassium	**1.1**	mg/L	0.40	0.13	1	02/06/26 12:23	02/14/26 00:21	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/06/26 12:23	02/14/26 00:21	7782-49-2	
Sodium	**5.0**	mg/L	0.40	0.083	1	02/06/26 12:23	02/14/26 00:21	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/06/26 12:23	02/14/26 00:21	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 00:29	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWA-5 **Lab ID: 92842453002** Collected: 02/04/26 10:53 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	**0.00330**	mg/L	0.00200	0.000600	1	02/12/26 08:16	02/12/26 12:28	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**82.0**	mg/L	5.0	5.0	1		02/14/26 11:44		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 11:44		
Alkalinity, Total as CaCO3	**82.0**	mg/L	5.0	5.0	1		02/14/26 11:44		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**130**	mg/L	25.0	25.0	1		02/10/26 15:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.1**	mg/L	1.0	0.60	1		02/10/26 22:49	16887-00-6	
Fluoride	**0.092J**	mg/L	0.10	0.050	1		02/10/26 22:49	16984-48-8	
Sulfate	**17.0**	mg/L	1.0	0.50	1		02/10/26 22:49	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/10/26 14:25	02/25/26 04:12	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/10/26 14:25	02/25/26 04:12	7440-38-2	
Barium	**0.051**	mg/L	0.0050	0.00056	1	02/10/26 14:25	02/25/26 04:12	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/10/26 14:25	02/25/26 04:12	7440-41-7	
Boron	**0.025J**	mg/L	0.040	0.0073	1	02/10/26 14:25	02/25/26 04:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/10/26 14:25	02/25/26 04:12	7440-43-9	
Calcium	**27.5**	mg/L	0.40	0.10	1	02/10/26 14:25	02/25/26 04:12	7440-70-2	
Chromium	**0.00044J**	mg/L	0.0050	0.00024	1	02/10/26 14:25	02/25/26 04:12	7440-47-3	
Cobalt	**0.00040J**	mg/L	0.0050	0.00012	1	02/10/26 14:25	02/25/26 04:12	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/10/26 14:25	02/25/26 04:12	7439-92-1	
Magnesium	**5.1**	mg/L	0.050	0.024	1	02/10/26 14:25	02/25/26 04:12	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/10/26 14:25	02/25/26 04:12	7439-98-7	
Potassium	**0.67**	mg/L	0.40	0.13	1	02/10/26 14:25	02/25/26 04:12	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/10/26 14:25	02/25/26 04:12	7782-49-2	
Sodium	**6.1**	mg/L	0.40	0.083	1	02/10/26 14:25	02/25/26 04:12	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/10/26 14:25	02/25/26 04:12	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 18:30	02/18/26 20:38	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWA-6 **Lab ID: 92842453003** Collected: 02/04/26 12:23 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	**0.0113**	mg/L	0.00200	0.000600	1	02/12/26 08:16	02/12/26 12:31	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**162**	mg/L	5.0	5.0	1		02/14/26 11:51		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 11:51		
Alkalinity, Total as CaCO3	**162**	mg/L	5.0	5.0	1		02/14/26 11:51		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**236**	mg/L	25.0	25.0	1		02/10/26 15:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**1.3**	mg/L	1.0	0.60	1		02/10/26 23:03	16887-00-6	
Fluoride	**0.080J**	mg/L	0.10	0.050	1		02/10/26 23:03	16984-48-8	
Sulfate	**33.1**	mg/L	1.0	0.50	1		02/10/26 23:03	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/10/26 14:25	02/25/26 04:21	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/10/26 14:25	02/25/26 04:21	7440-38-2	
Barium	**0.20**	mg/L	0.0050	0.00056	1	02/10/26 14:25	02/25/26 04:21	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/10/26 14:25	02/25/26 04:21	7440-41-7	
Boron	**0.021J**	mg/L	0.040	0.0073	1	02/10/26 14:25	02/25/26 04:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/10/26 14:25	02/25/26 04:21	7440-43-9	
Calcium	**58.1**	mg/L	2.0	0.50	5	02/10/26 14:25	02/25/26 04:30	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/10/26 14:25	02/25/26 04:21	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/10/26 14:25	02/25/26 04:21	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/10/26 14:25	02/25/26 04:21	7439-92-1	
Magnesium	**9.6**	mg/L	0.050	0.024	1	02/10/26 14:25	02/25/26 04:21	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/10/26 14:25	02/25/26 04:21	7439-98-7	
Potassium	**0.61**	mg/L	0.40	0.13	1	02/10/26 14:25	02/25/26 04:21	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/10/26 14:25	02/25/26 04:21	7782-49-2	
Sodium	**7.5**	mg/L	0.40	0.083	1	02/10/26 14:25	02/25/26 04:21	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/10/26 14:25	02/25/26 04:21	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 18:30	02/18/26 20:40	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWA-42D **Lab ID: 92842453004** Collected: 02/04/26 10:28 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	**0.0116**	mg/L	0.00200	0.000600	1	02/12/26 08:16	02/12/26 12:34	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**143**	mg/L	5.0	5.0	1		02/14/26 12:01		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/14/26 12:01		
Alkalinity, Total as CaCO3	**143**	mg/L	5.0	5.0	1		02/14/26 12:01		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**183**	mg/L	25.0	25.0	1		02/10/26 15:51		
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 23:45	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.050	1		02/10/26 23:45	16984-48-8	
Sulfate	**10.9**	mg/L	1.0	0.50	1		02/10/26 23:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/11/26 05:27	02/23/26 14:23	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/11/26 05:27	02/23/26 14:23	7440-38-2	
Barium	**0.21**	mg/L	0.0050	0.00056	1	02/11/26 05:27	02/23/26 14:23	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/11/26 05:27	02/23/26 14:23	7440-41-7	
Boron	**0.053**	mg/L	0.040	0.0073	1	02/11/26 05:27	02/23/26 14:23	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/11/26 05:27	02/23/26 14:23	7440-43-9	
Calcium	**49.6**	mg/L	2.0	0.50	5	02/11/26 05:27	02/23/26 15:09	7440-70-2	M1
Chromium	ND	mg/L	0.0050	0.00024	1	02/11/26 05:27	02/23/26 14:23	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/11/26 05:27	02/23/26 14:23	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/11/26 05:27	02/23/26 14:23	7439-92-1	
Magnesium	**6.8**	mg/L	0.050	0.024	1	02/11/26 05:27	02/23/26 14:23	7439-95-4	M1
Molybdenum	ND	mg/L	0.010	0.0020	1	02/11/26 05:27	02/23/26 14:23	7439-98-7	
Potassium	**0.40J**	mg/L	0.40	0.13	1	02/11/26 05:27	02/23/26 14:23	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/11/26 05:27	02/23/26 14:23	7782-49-2	
Sodium	**8.2**	mg/L	0.40	0.083	1	02/11/26 05:27	02/23/26 14:23	7440-23-5	M1
Thallium	ND	mg/L	0.00050	0.00017	1	02/11/26 05:27	02/23/26 14:23	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 18:30	02/18/26 20:43	7439-97-6	

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWC-14 **Lab ID: 92842453005** Collected: 02/07/26 09:27 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	**0.00104J**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 16:36	7439-93-2	J
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/17/26 22:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/17/26 22:45		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/17/26 22:45		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**1150**	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	**48.2**	mg/L	1.0	0.60	1		02/11/26 06:17	16887-00-6	
Fluoride	**0.052J**	mg/L	0.10	0.050	1		02/11/26 06:17	16984-48-8	
Sulfate	**597**	mg/L	14.0	7.0	14		02/11/26 19:56	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 14:19	7440-36-0	
Arsenic	**0.0014J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 14:19	7440-38-2	
Barium	**0.016**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 14:19	7440-39-3	
Beryllium	**0.00039J**	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 14:19	7440-41-7	
Boron	**5.9**	mg/L	1.0	0.18	25	02/12/26 11:28	02/24/26 13:14	7440-42-8	M1
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 14:19	7440-43-9	
Calcium	**307**	mg/L	10.0	2.5	25	02/12/26 11:28	02/24/26 13:14	7440-70-2	M1
Chromium	**0.00027J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 14:19	7440-47-3	
Cobalt	**0.025**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 14:19	7440-48-4	
Lead	**0.00097J**	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 14:19	7439-92-1	
Magnesium	**24.5**	mg/L	0.050	0.024	1	02/12/26 11:28	02/24/26 14:19	7439-95-4	M1
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 14:19	7439-98-7	
Potassium	**10.2**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 14:19	7440-09-7	M1
Selenium	**0.0027J**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 14:19	7782-49-2	
Sodium	**7.7**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 14:19	7440-23-5	M1
Thallium	**0.00029J**	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 14:19	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.00012J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 22:52	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWC-15 **Lab ID: 92842453006** Collected: 02/06/26 14:15 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	**0.0106**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 16:39	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		02/17/26 22:49		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/17/26 22:49		
Alkalinity, Total as CaCO3	**103**	mg/L	5.0	5.0	1		02/17/26 22:49		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**642**	mg/L	50.0	50.0	1		02/12/26 04:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**43.6**	mg/L	1.0	0.60	1		02/11/26 06:33	16887-00-6	
Fluoride	**0.065J**	mg/L	0.10	0.050	1		02/11/26 06:33	16984-48-8	
Sulfate	**260**	mg/L	6.0	3.0	6		02/11/26 20:43	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	**0.00071J**	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 15:05	7440-36-0	
Arsenic	**0.00043J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 15:05	7440-38-2	
Barium	**0.022**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 15:05	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 15:05	7440-41-7	
Boron	**2.3**	mg/L	2.0	0.37	50	02/12/26 11:28	02/24/26 15:14	7440-42-8	
Cadmium	**0.0010**	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 15:05	7440-43-9	
Calcium	**146**	mg/L	20.0	5.0	50	02/12/26 11:28	02/24/26 15:14	7440-70-2	
Chromium	**0.00033J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 15:05	7440-47-3	
Cobalt	**0.013**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 15:05	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 15:05	7439-92-1	
Magnesium	**22.7**	mg/L	0.050	0.024	1	02/12/26 11:28	02/24/26 15:05	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 15:05	7439-98-7	
Potassium	**0.89**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 15:05	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 15:05	7782-49-2	
Sodium	**9.0**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 15:05	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 15:05	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	**0.00014J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 22:54	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWC-16 **Lab ID: 92842453007** Collected: 02/06/26 17:07 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	**0.00374**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 16:42	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**197**	mg/L	5.0	5.0	1		02/17/26 22:56		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/17/26 22:56		
Alkalinity, Total as CaCO3	**197**	mg/L	5.0	5.0	1		02/17/26 22:56		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**658**	mg/L	50.0	50.0	1		02/12/26 04:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**61.3**	mg/L	1.0	0.60	1		02/11/26 07:41	16887-00-6	
Fluoride	**0.052J**	mg/L	0.10	0.050	1		02/11/26 07:41	16984-48-8	
Sulfate	**190**	mg/L	4.0	2.0	4		02/11/26 20:59	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 15:24	7440-36-0	
Arsenic	**0.00056J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 15:24	7440-38-2	
Barium	**0.090**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 15:24	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 15:24	7440-41-7	
Boron	**2.2**	mg/L	0.40	0.073	10	02/12/26 11:28	02/24/26 15:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 15:24	7440-43-9	
Calcium	**177**	mg/L	4.0	1.0	10	02/12/26 11:28	02/24/26 15:33	7440-70-2	
Chromium	**0.00054J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 15:24	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 15:24	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 15:24	7439-92-1	
Magnesium	**13.8**	mg/L	0.050	0.024	1	02/12/26 11:28	02/24/26 15:24	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 15:24	7439-98-7	
Potassium	**0.76**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 15:24	7440-09-7	
Selenium	**0.0024J**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 15:24	7782-49-2	
Sodium	**9.2**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 15:24	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 15:24	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	**0.00012J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 22:57	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWC-17 **Lab ID: 92842453008** Collected: 02/06/26 15:08 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	**0.00997**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 16:45	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**194**	mg/L	5.0	5.0	1		02/17/26 23:04		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/17/26 23:04		
Alkalinity, Total as CaCO3	**194**	mg/L	5.0	5.0	1		02/17/26 23:04		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**968**	mg/L	50.0	50.0	1		02/12/26 04:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**80.5**	mg/L	1.0	0.60	1		02/11/26 07:57	16887-00-6	
Fluoride	**0.066J**	mg/L	0.10	0.050	1		02/11/26 07:57	16984-48-8	
Sulfate	**351**	mg/L	8.0	4.0	8		02/11/26 21:14	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	02/24/26 16:10	7440-36-0	
Arsenic	**0.00086J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 16:10	7440-38-2	
Barium	**0.029**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 16:10	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 16:10	7440-41-7	
Boron	**7.0**	mg/L	1.0	0.18	25	02/12/26 11:28	02/24/26 15:42	7440-42-8	
Cadmium	**0.00011J**	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 16:10	7440-43-9	
Calcium	**248**	mg/L	10.0	2.5	25	02/12/26 11:28	02/24/26 15:42	7440-70-2	
Chromium	**0.00032J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 16:10	7440-47-3	
Cobalt	**0.0084**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 16:10	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 16:10	7439-92-1	
Magnesium	**27.1**	mg/L	1.2	0.61	25	02/12/26 11:28	02/24/26 15:42	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 16:10	7439-98-7	
Potassium	**2.6**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 16:10	7440-09-7	
Selenium	**0.0025J**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 16:10	7782-49-2	
Sodium	**13.3**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 16:10	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 16:10	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	**0.00012J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:04	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-HGWC-18 **Lab ID: 92842453009** Collected: 02/06/26 10:45 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	**0.0143**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:27	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 01:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 01:41		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/18/26 01:41		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**936**	mg/L	50.0	50.0	1		02/12/26 04:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**68.4**	mg/L	1.0	0.60	1		02/11/26 08:13	16887-00-6	
Fluoride	**0.092J**	mg/L	0.10	0.050	1		02/11/26 08:13	16984-48-8	
Sulfate	**471**	mg/L	11.0	5.5	11		02/11/26 21:30	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 16:19	7440-36-0	
Arsenic	**0.0014J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 16:19	7440-38-2	
Barium	**0.018**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 16:19	7440-39-3	
Beryllium	**0.0022**	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 16:19	7440-41-7	
Boron	**4.9**	mg/L	0.80	0.15	20	02/12/26 11:28	02/24/26 16:28	7440-42-8	
Cadmium	**0.00095**	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 16:19	7440-43-9	
Calcium	**222**	mg/L	8.0	2.0	20	02/12/26 11:28	02/24/26 16:28	7440-70-2	
Chromium	**0.00031J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 16:19	7440-47-3	
Cobalt	**0.087**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 16:19	7440-48-4	
Lead	**0.00050J**	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 16:19	7439-92-1	
Magnesium	**22.3**	mg/L	0.050	0.024	1	02/12/26 11:28	02/24/26 16:19	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 16:19	7439-98-7	
Potassium	**8.0**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 16:19	7440-09-7	
Selenium	**0.0022J**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 16:19	7782-49-2	
Sodium	**9.2**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 16:19	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 16:19	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.00029**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:07	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-MW-21D **Lab ID: 92842453010** Collected: 02/06/26 13:07 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	**0.00107J**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:30	7439-93-2	J
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**121**	mg/L	5.0	5.0	1		02/18/26 01:45		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 01:45		
Alkalinity, Total as CaCO3	**121**	mg/L	5.0	5.0	1		02/18/26 01:45		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**434**	mg/L	25.0	25.0	1		02/12/26 04:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**41.3**	mg/L	1.0	0.60	1		02/11/26 08:29	16887-00-6	
Fluoride	**0.059J**	mg/L	0.10	0.050	1		02/11/26 08:29	16984-48-8	
Sulfate	**129**	mg/L	3.0	1.5	3		02/11/26 21:45	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 16:38	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 16:38	7440-38-2	
Barium	**0.044**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 16:38	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 16:38	7440-41-7	
Boron	**2.0**	mg/L	0.40	0.073	10	02/12/26 11:28	02/24/26 16:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 16:38	7440-43-9	
Calcium	**103**	mg/L	4.0	1.0	10	02/12/26 11:28	02/24/26 16:47	7440-70-2	
Chromium	**0.00024J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 16:38	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 16:38	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 16:38	7439-92-1	
Magnesium	**16.2**	mg/L	0.050	0.024	1	02/12/26 11:28	02/24/26 16:38	7439-95-4	
Molybdenum	**0.016**	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 16:38	7439-98-7	
Potassium	**0.71**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 16:38	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 16:38	7782-49-2	
Sodium	**7.8**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 16:38	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 16:38	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	**0.00012J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:15	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-MW-33 **Lab ID: 92842453011** Collected: 02/06/26 15:06 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	**0.00148J**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:33	7439-93-2	J
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 02:08		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 02:08		
Alkalinity, Total as CaCO3	ND	mg/L	5.0	5.0	1		02/18/26 02:08		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**1360**	mg/L	125	125	1		02/12/26 04:58		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**65.2**	mg/L	1.0	0.60	1		02/11/26 08:45	16887-00-6	
Fluoride	**0.086J**	mg/L	0.10	0.050	1		02/11/26 08:45	16984-48-8	
Sulfate	**735**	mg/L	16.0	8.0	16		02/11/26 22:01	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 16:56	7440-36-0	
Arsenic	**0.0020J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 16:56	7440-38-2	
Barium	**0.019**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 16:56	7440-39-3	
Beryllium	**0.00057**	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 16:56	7440-41-7	
Boron	**6.4**	mg/L	1.0	0.18	25	02/12/26 11:28	02/24/26 17:05	7440-42-8	
Cadmium	**0.00017J**	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 16:56	7440-43-9	
Calcium	**338**	mg/L	10.0	2.5	25	02/12/26 11:28	02/24/26 17:05	7440-70-2	
Chromium	**0.00025J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 16:56	7440-47-3	
Cobalt	**0.043**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 16:56	7440-48-4	
Lead	**0.00077J**	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 16:56	7439-92-1	
Magnesium	**28.6**	mg/L	1.2	0.61	25	02/12/26 11:28	02/24/26 17:05	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 16:56	7439-98-7	
Potassium	**11.1**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 16:56	7440-09-7	
Selenium	**0.0054**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 16:56	7782-49-2	
Sodium	**9.7**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 16:56	7440-23-5	
Thallium	**0.00024J**	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 16:56	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.00017J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:17	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-MW-34D **Lab ID: 92842453012** Collected: 02/06/26 17:17 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	**0.00281**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:37	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021 Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**95.0**	mg/L	5.0	5.0	1		02/18/26 02:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 02:00		
Alkalinity, Total as CaCO3	**95.0**	mg/L	5.0	5.0	1		02/18/26 02:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**1260**	mg/L	125	125	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	**71.8**	mg/L	1.0	0.60	1		02/11/26 09:01	16887-00-6	M1
Fluoride	**0.074J**	mg/L	0.10	0.050	1		02/11/26 09:01	16984-48-8	M1
Sulfate	**633**	mg/L	14.0	7.0	14		02/11/26 22:17	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	02/24/26 17:15	7440-36-0	
Arsenic	**0.00099J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 17:15	7440-38-2	
Barium	**0.027**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 17:15	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 17:15	7440-41-7	
Boron	**6.6**	mg/L	2.0	0.37	50	02/12/26 11:28	02/24/26 17:24	7440-42-8	
Cadmium	**0.00074**	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 17:15	7440-43-9	
Calcium	**325**	mg/L	20.0	5.0	50	02/12/26 11:28	02/24/26 17:24	7440-70-2	
Chromium	**0.00039J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 17:15	7440-47-3	
Cobalt	**0.0045J**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 17:15	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 17:15	7439-92-1	
Magnesium	**29.8**	mg/L	0.050	0.024	1	02/12/26 11:28	02/24/26 17:15	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 17:15	7439-98-7	
Potassium	**9.6**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 17:15	7440-09-7	
Selenium	**0.0028J**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 17:15	7782-49-2	
Sodium	**8.4**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 17:15	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 17:15	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.00011J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:20	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-MW-35 **Lab ID: 92842453013** Collected: 02/06/26 16:41 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	**0.00260**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:40	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**32.8**	mg/L	5.0	5.0	1		02/18/26 01:54		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/18/26 01:54		
Alkalinity, Total as CaCO3	**32.8**	mg/L	5.0	5.0	1		02/18/26 01:54		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**1660**	mg/L	250	250	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	**105**	mg/L	18.0	10.8	18		02/11/26 23:04	16887-00-6	
Fluoride	**0.13**	mg/L	0.10	0.050	1		02/11/26 09:48	16984-48-8	
Sulfate	**819**	mg/L	18.0	9.0	18		02/11/26 23:04	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 18:19	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 18:19	7440-38-2	
Barium	**0.046**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 18:19	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 18:19	7440-41-7	
Boron	**1.8**	mg/L	0.40	0.073	10	02/12/26 11:28	02/25/26 08:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 18:19	7440-43-9	
Calcium	**106**	mg/L	20.0	5.0	50	02/12/26 11:28	02/24/26 17:33	7440-70-2	
Chromium	**0.00024J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 18:19	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 18:19	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 18:19	7439-92-1	
Magnesium	**16.6**	mg/L	0.050	0.024	1	02/12/26 11:28	02/24/26 18:19	7439-95-4	
Molybdenum	**0.017**	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 18:19	7439-98-7	
Potassium	**0.74**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 18:19	7440-09-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 18:19	7782-49-2	
Sodium	**8.0**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 18:19	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 18:19	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	**0.00017J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:22	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-MW-51 **Lab ID: 92842453014** Collected: 02/07/26 09:03 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	**0.0107**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:43	7439-93-2	
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**58.3**	mg/L	5.0	5.0	1		02/20/26 15:00		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 15:00		
Alkalinity, Total as CaCO3	**58.3**	mg/L	5.0	5.0	1		02/20/26 15:00		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020								
	Pace Analytical Services - Asheville								
Total Dissolved Solids	**1300**	mg/L	125	125	1		02/12/26 04:51		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993								
	Pace Analytical Services - Asheville								
Chloride	**75.8**	mg/L	1.0	0.60	1		02/11/26 10:57	16887-00-6	
Fluoride	**0.095J**	mg/L	0.10	0.050	1		02/11/26 10:57	16984-48-8	
Sulfate	**733**	mg/L	16.0	8.0	16		02/11/26 23:51	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 18:29	7440-36-0	
Arsenic	**0.0013J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 18:29	7440-38-2	
Barium	**0.020**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 18:29	7440-39-3	
Beryllium	**0.00056**	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 18:29	7440-41-7	
Boron	**7.7**	mg/L	2.0	0.37	50	02/12/26 11:28	02/24/26 18:38	7440-42-8	
Cadmium	**0.00071**	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 18:29	7440-43-9	
Calcium	**358**	mg/L	20.0	5.0	50	02/12/26 11:28	02/24/26 18:38	7440-70-2	
Chromium	**0.00026J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 18:29	7440-47-3	
Cobalt	**0.020**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 18:29	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 18:29	7439-92-1	
Magnesium	**35.0**	mg/L	2.5	1.2	50	02/12/26 11:28	02/24/26 18:38	7439-95-4	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 18:29	7439-98-7	
Potassium	**8.5**	mg/L	0.40	0.13	1	02/12/26 11:28	02/24/26 18:29	7440-09-7	
Selenium	**0.0049J**	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 18:29	7782-49-2	
Sodium	**10.6**	mg/L	0.40	0.083	1	02/12/26 11:28	02/24/26 18:29	7440-23-5	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 18:29	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A								
	Pace Analytical Services - West Columbia								
Mercury	**0.00011J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:25	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-AP2-FD-01 **Lab ID: 92842453015** Collected: 02/06/26 00:00 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	ND	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:46	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**654**	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	**43.6**	mg/L	1.0	0.60	1		02/11/26 11:13	16887-00-6	
Fluoride	**0.063J**	mg/L	0.10	0.050	1		02/11/26 11:13	16984-48-8	
Sulfate	**260**	mg/L	6.0	3.0	6		02/12/26 00:07	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	**0.00050J**	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 18:47	7440-36-0	
Arsenic	**0.00044J**	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 18:47	7440-38-2	
Barium	**0.022**	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 18:47	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 18:47	7440-41-7	
Boron	**1.8**	mg/L	1.0	0.18	25	02/12/26 11:28	02/25/26 08:55	7440-42-8	
Cadmium	**0.0011**	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 18:47	7440-43-9	
Calcium	**146**	mg/L	2.0	0.50	5	02/12/26 11:28	02/24/26 18:56	7440-70-2	
Chromium	**0.00033J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 18:47	7440-47-3	
Cobalt	**0.014**	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 18:47	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 18:47	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 18:47	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 18:47	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 18:47	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.00012J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:27	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-AP2-EB-01 **Lab ID: 92842453016** Collected: 02/06/26 17:30 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	ND	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:49	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		02/12/26 04:59		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/11/26 02:34	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/11/26 02:34	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/11/26 02:34	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 19:06	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 19:06	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 19:06	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 19:06	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/12/26 11:28	02/24/26 19:06	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 19:06	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/12/26 11:28	02/24/26 19:06	7440-70-2	
Chromium	ND	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 19:06	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 19:06	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 19:06	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 19:06	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 19:06	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 19:06	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.000093J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:30	7439-97-6	B

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ANALYTICAL RESULTS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Sample: HAM-AP2-FB-01 **Lab ID: 92842453017** Collected: 02/06/26 17:25 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	**0.00151J**	mg/L	0.00200	0.000600	1	02/15/26 20:23	02/16/26 17:53	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/12/26 04:59		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		02/11/26 02:50	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/11/26 02:50	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/11/26 02:50	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00043	1	02/12/26 11:28	02/24/26 19:15	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.00041	1	02/12/26 11:28	02/24/26 19:15	7440-38-2	
Barium	ND	mg/L	0.0050	0.00056	1	02/12/26 11:28	02/24/26 19:15	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	02/12/26 11:28	02/24/26 19:15	7440-41-7	
Boron	ND	mg/L	0.040	0.0073	1	02/12/26 11:28	02/24/26 19:15	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00010	1	02/12/26 11:28	02/24/26 19:15	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	02/12/26 11:28	02/24/26 19:15	7440-70-2	
Chromium	**0.00041J**	mg/L	0.0050	0.00024	1	02/12/26 11:28	02/24/26 19:15	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00012	1	02/12/26 11:28	02/24/26 19:15	7440-48-4	
Lead	ND	mg/L	0.0010	0.00027	1	02/12/26 11:28	02/24/26 19:15	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0020	1	02/12/26 11:28	02/24/26 19:15	7439-98-7	
Selenium	ND	mg/L	0.0050	0.00050	1	02/12/26 11:28	02/24/26 19:15	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00017	1	02/12/26 11:28	02/24/26 19:15	7440-28-0	
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	**0.000092J**	mg/L	0.00020	0.000091	1	02/13/26 11:17	02/19/26 23:32	7439-97-6	B

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 2689890
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet

Associated Lab Samples: 92842453001

METHOD BLANK: R4335658-1 Matrix: Water
Associated Lab Samples: 92842453001

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: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 2692192
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92842453002, 92842453003, 92842453004

METHOD BLANK: R4335358-1 Matrix: Water
Associated Lab Samples: 92842453002, 92842453003, 92842453004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/12/26 10:41	

LABORATORY CONTROL SAMPLE: R4335358-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0490	98.1	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4335358-4 R4335358-5

Parameter	Units	L1943264-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00341	0.0500	0.0500	0.0543	0.0536	102	100	75.0-125	1.37	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 2694080
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

METHOD BLANK: R4336801-1
Matrix: Water
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	02/16/26 13:46	

LABORATORY CONTROL SAMPLE: R4336801-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0483	96.6	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4336801-7 R4336801-8

Parameter	Units	L1944383-22 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.00792	0.0500	0.0500	0.0614	0.0599	107	104	75.0-125	2.48	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453001

METHOD BLANK: 5088347 Matrix: Water
Associated Lab Samples: 92842453001

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: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453002, 92842453003, 92842453004

METHOD BLANK: 5090270 Matrix: Water
Associated Lab Samples: 92842453002, 92842453003, 92842453004

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-2
Pace Project No.: 92842453

QC Batch: 991314
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008

METHOD BLANK: 5095512 Matrix: Water
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/17/26 21:13	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/17/26 21:13	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/17/26 21:13	

LABORATORY CONTROL SAMPLE: 5095513

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: 5095514

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: 5095515 5095516

Parameter	Units	92843420003 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	29.5	50	50	78.8	78.4	99	98	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5095517 5095518

Parameter	Units	92843420006 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	53.0	53.8	101	103	80-120	2	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 991369
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842453009, 92842453010, 92842453011, 92842453012, 92842453013

METHOD BLANK: 5096020 Matrix: Water
Associated Lab Samples: 92842453009, 92842453010, 92842453011, 92842453012, 92842453013

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-2
Pace Project No.: 92842453

QC Batch: 991371
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842453014

METHOD BLANK: 5096028 Matrix: Water
Associated Lab Samples: 92842453014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/20/26 13:51	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 13:51	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/20/26 13:51	

LABORATORY CONTROL SAMPLE: 5096029

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.4	105	80-120	

LABORATORY CONTROL SAMPLE: 5096030

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	52.3	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099866 5099867

Parameter	Units	92843817002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	52.7	52.9	102	103	80-120	1	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5099868 5099869

Parameter	Units	92843817003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Alkalinity, Total as CaCO3	mg/L	ND	50	50	52.6	53.0	103	103	80-120	1	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 989209
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: 92842453001

METHOD BLANK: 5084023
Matrix: Water
Associated Lab Samples: 92842453001

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: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 989727
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: 92842453002, 92842453003, 92842453004

METHOD BLANK: 5086504 Matrix: Water
Associated Lab Samples: 92842453002, 92842453003, 92842453004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/10/26 15:49	

LABORATORY CONTROL SAMPLE: 5086505

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

SAMPLE DUPLICATE: 5086506

Parameter	Units	92841933014 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	441	432	2	25	

SAMPLE DUPLICATE: 5086507

Parameter	Units	92842453003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	236	237	0	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453015, 92842453016, 92842453017

METHOD BLANK: 5089326
Matrix: Water
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453015, 92842453016, 92842453017

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-2
Pace Project No.: 92842453

QC Batch: 990160
QC Batch Method: SM 2540C-2020
Analysis Method: SM 2540C-2020
Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92842453014

METHOD BLANK: 5089355
Matrix: Water
Associated Lab Samples: 92842453014

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	02/12/26 04:51	

LABORATORY CONTROL SAMPLE: 5089356

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	246	98	90-110	

SAMPLE DUPLICATE: 5089357

Parameter	Units	92842453014 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	1300	1300	0	25	

SAMPLE DUPLICATE: 5089358

Parameter	Units	92842926017 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	322	341	6	25	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453001

METHOD BLANK: 5083347 Matrix: Water
Associated Lab Samples: 92842453001

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: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 989646
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: 92842453002, 92842453003, 92842453004

METHOD BLANK: 5086286 Matrix: Water
Associated Lab Samples: 92842453002, 92842453003, 92842453004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/09/26 22:47	
Fluoride	mg/L	ND	0.10	0.050	02/09/26 22:47	
Sulfate	mg/L	ND	1.0	0.50	02/09/26 22:47	

LABORATORY CONTROL SAMPLE: 5086287

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	48.9	98	90-110	
Fluoride	mg/L	2.5	2.4	95	90-110	
Sulfate	mg/L	50	48.8	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5086288 5086289

Parameter	Units	92841933029 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.8	50	50	53.2	53.4	97	97	90-110	0	10	
Fluoride	mg/L	0.068J	2.5	2.5	2.3	2.4	89	92	90-110	4	10	M1
Sulfate	mg/L	62.0	50	50	96.8	95.7	70	67	90-110	1	10	M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5086290 5086291

Parameter	Units	92842453003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	1.3	50	50	51.3	49.3	100	96	90-110	4	10	
Fluoride	mg/L	0.080J	2.5	2.5	2.4	2.3	93	91	90-110	3	10	
Sulfate	mg/L	33.1	50	50	83.0	80.4	100	95	90-110	3	10	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 989914
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: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

METHOD BLANK: 5088110
Matrix: Water
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/11/26 00:59	
Fluoride	mg/L	ND	0.10	0.050	02/11/26 00:59	
Sulfate	mg/L	ND	1.0	0.50	02/11/26 00:59	

LABORATORY CONTROL SAMPLE: 5088111

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.5	99	90-110	
Fluoride	mg/L	2.5	2.6	104	90-110	
Sulfate	mg/L	50	49.1	98	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088112 5088113

Parameter	Units	92843176001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	22.7	50	50	71.1	71.2	97	97	90-110	0	10	
Fluoride	mg/L	0.16	2.5	2.5	2.4	2.4	90	91	90-110	1	10	
Sulfate	mg/L	9.6	50	50	58.0	58.2	97	97	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088114 5088115

Parameter	Units	92842453012 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	71.8	50	50	101	102	58	60	90-110	1	10	M1
Fluoride	mg/L	0.074J	2.5	2.5	2.2	2.3	84	88	90-110	4	10	M1
Sulfate	mg/L	633	50	50	668	670	71	74	90-110	0	10	M1

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453001

METHOD BLANK: 5084069
Matrix: Water
Associated Lab Samples: 92842453001

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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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 989775
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842453002, 92842453003

METHOD BLANK: 5086752
Matrix: Water
Associated Lab Samples: 92842453002, 92842453003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	02/24/26 22:11	
Arsenic	mg/L	ND	0.0020	0.00041	02/24/26 22:11	
Barium	mg/L	ND	0.0050	0.00056	02/24/26 22:11	
Beryllium	mg/L	ND	0.00040	0.00015	02/24/26 22:11	
Boron	mg/L	ND	0.040	0.0073	02/24/26 22:11	
Cadmium	mg/L	ND	0.00050	0.00010	02/24/26 22:11	
Calcium	mg/L	ND	0.40	0.10	02/24/26 22:11	
Chromium	mg/L	ND	0.0050	0.00024	02/24/26 22:11	
Cobalt	mg/L	ND	0.0050	0.00012	02/24/26 22:11	
Lead	mg/L	ND	0.0010	0.00027	02/24/26 22:11	
Magnesium	mg/L	ND	0.050	0.024	02/24/26 22:11	
Molybdenum	mg/L	ND	0.010	0.0020	02/24/26 22:11	
Potassium	mg/L	ND	0.40	0.13	02/24/26 22:11	
Selenium	mg/L	ND	0.0050	0.00050	02/24/26 22:11	
Sodium	mg/L	ND	0.40	0.083	02/24/26 22:11	
Thallium	mg/L	ND	0.00050	0.00017	02/24/26 22:11	

LABORATORY CONTROL SAMPLE: 5086753

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	0.089	89	80-120	
Barium	mg/L	0.1	0.10	103	80-120	
Beryllium	mg/L	0.1	0.094	94	80-120	
Boron	mg/L	0.1	0.10	103	80-120	
Cadmium	mg/L	0.1	0.096	96	80-120	
Calcium	mg/L	1	1.1	106	80-120	
Chromium	mg/L	0.1	0.11	108	80-120	
Cobalt	mg/L	0.1	0.10	104	80-120	
Lead	mg/L	0.1	0.11	112	80-120	
Magnesium	mg/L	1	1.0	102	80-120	
Molybdenum	mg/L	0.1	0.10	105	80-120	
Potassium	mg/L	1	1.0	101	80-120	
Selenium	mg/L	0.1	0.092	92	80-120	
Sodium	mg/L	1	1.0	103	80-120	
Thallium	mg/L	0.1	0.11	112	80-120	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5086754 5086755

Parameter	Units	92842656003 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	0.5	0.5	0.51	0.55	91	101	75-125	9	20	
Arsenic	mg/L	ND	0.5	0.5	0.68	0.75	90	105	75-125	10	20	
Barium	mg/L	ND	0.5	0.5	0.90	1.0	82	102	75-125	11	20	
Beryllium	mg/L	ND	0.5	0.5	0.46	0.51	92	102	75-125	11	20	
Boron	mg/L	168000 ug/L	0.5	0.5	153	170	-3000	275	75-125	10	20	M1
Cadmium	mg/L	ND	0.5	0.5	0.43	0.47	86	95	75-125	9	20	
Calcium	mg/L	250	5	5	234	251	-320	16	75-125	7	20	M1
Chromium	mg/L	ND	0.5	0.5	0.73	0.82	90	108	75-125	12	20	
Cobalt	mg/L	ND	0.5	0.5	0.55	0.61	92	105	75-125	11	20	
Lead	mg/L	ND	0.5	0.5	0.44	0.49	86	95	75-125	9	20	
Magnesium	mg/L	139	5	5	129	142	-201	61	75-125	10	20	M1
Molybdenum	mg/L	ND	0.5	0.5	0.51	0.56	97	107	75-125	9	20	
Potassium	mg/L	800	5	5	812	797	247	-66	75-125	2	20	M1
Selenium	mg/L	ND	0.5	0.5	0.49	0.55	91	103	75-125	12	20	
Sodium	mg/L	3500	5	5	3600	3440	1880	-1160	75-125	4	20	M1
Thallium	mg/L	ND	0.5	0.5	0.48	0.52	95	104	75-125	9	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453004

METHOD BLANK: 5086768
Matrix: Water
Associated Lab Samples: 92842453004

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-2
Pace Project No.: 92842453

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-2
Pace Project No.: 92842453

QC Batch: 990067
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

METHOD BLANK: 5088552
Matrix: Water
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00043	02/24/26 12:56	
Arsenic	mg/L	ND	0.0020	0.00041	02/24/26 12:56	
Barium	mg/L	ND	0.0050	0.00056	02/24/26 12:56	
Beryllium	mg/L	ND	0.00040	0.00015	02/24/26 12:56	
Boron	mg/L	ND	0.040	0.0073	02/24/26 12:56	
Cadmium	mg/L	ND	0.00050	0.00010	02/24/26 12:56	
Calcium	mg/L	ND	0.40	0.10	02/24/26 12:56	
Chromium	mg/L	ND	0.0050	0.00024	02/24/26 12:56	
Cobalt	mg/L	ND	0.0050	0.00012	02/24/26 12:56	
Lead	mg/L	ND	0.0010	0.00027	02/24/26 12:56	
Magnesium	mg/L	ND	0.050	0.024	02/24/26 12:56	
Molybdenum	mg/L	ND	0.010	0.0020	02/24/26 12:56	
Potassium	mg/L	ND	0.40	0.13	02/24/26 12:56	
Selenium	mg/L	ND	0.0050	0.00050	02/24/26 12:56	
Sodium	mg/L	ND	0.40	0.083	02/24/26 12:56	
Thallium	mg/L	ND	0.00050	0.00017	02/24/26 12:56	

LABORATORY CONTROL SAMPLE: 5088553

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	102	80-120	
Arsenic	mg/L	0.1	0.093	93	80-120	
Barium	mg/L	0.1	0.10	103	80-120	
Beryllium	mg/L	0.1	0.095	95	80-120	
Boron	mg/L	0.1	0.10	102	80-120	
Cadmium	mg/L	0.1	0.10	101	80-120	
Calcium	mg/L	1	1.0	104	80-120	
Chromium	mg/L	0.1	0.11	110	80-120	
Cobalt	mg/L	0.1	0.11	109	80-120	
Lead	mg/L	0.1	0.11	110	80-120	
Magnesium	mg/L	1	1.0	102	80-120	
Molybdenum	mg/L	0.1	0.10	103	80-120	
Potassium	mg/L	1	0.98	98	80-120	
Selenium	mg/L	0.1	0.093	93	80-120	
Sodium	mg/L	1	0.98	98	80-120	
Thallium	mg/L	0.1	0.11	109	80-120	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5088554 5088555

Parameter	Units	92842453005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.10	0.10	100	101	75-125	0	20	
Arsenic	mg/L	0.0014J	0.1	0.1	0.11	0.11	107	106	75-125	0	20	
Barium	mg/L	0.016	0.1	0.1	0.12	0.12	102	103	75-125	1	20	
Beryllium	mg/L	0.00039J	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Boron	mg/L	5.9	0.1	0.1	6.2	5.9	297	65	75-125	4	20	M1
Cadmium	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Calcium	mg/L	307	1	1	254	269	-5360	-3840	75-125	6	20	M1
Chromium	mg/L	0.00027J	0.1	0.1	0.096	0.097	95	97	75-125	1	20	
Cobalt	mg/L	0.025	0.1	0.1	0.11	0.12	88	91	75-125	2	20	
Lead	mg/L	0.00097J	0.1	0.1	0.096	0.097	95	96	75-125	1	20	
Magnesium	mg/L	24.5	1	1	26.5	26.3	206	183	75-125	1	20	M1
Molybdenum	mg/L	ND	0.1	0.1	0.088	0.091	88	91	75-125	3	20	
Potassium	mg/L	10.2	1	1	11.9	11.9	175	171	75-125	0	20	M1
Selenium	mg/L	0.0027J	0.1	0.1	0.090	0.091	87	88	75-125	1	20	
Sodium	mg/L	7.7	1	1	9.2	9.1	148	138	75-125	1	20	M1
Thallium	mg/L	0.00029J	0.1	0.1	0.12	0.12	117	117	75-125	0	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 989879
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842453002, 92842453003, 92842453004

METHOD BLANK: 5087782
Matrix: Water
Associated Lab Samples: 92842453002, 92842453003, 92842453004

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	02/18/26 19:39	

LABORATORY CONTROL SAMPLE: 5087783

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0021	104	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5087784 5087785

Parameter	Units	92841933026 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	0.0019	93	93	80-120	0	20	

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453001

METHOD BLANK: 5088973 Matrix: Water
Associated Lab Samples: 92842453001

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	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

QC Batch: 990409
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

METHOD BLANK: 5090881
Matrix: Water
Associated Lab Samples: 92842453005, 92842453006, 92842453007, 92842453008, 92842453009, 92842453010, 92842453011, 92842453012, 92842453013, 92842453014, 92842453015, 92842453016, 92842453017

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	0.00017J	0.00020	0.000091	02/19/26 22:26	

LABORATORY CONTROL SAMPLE: 5090882

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0022	109	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5090885 5090886

Parameter	Units	92842453007 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	0.00012J	0.002	0.002	0.0021	0.0021	100	99	80-120	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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Pace Analytical Services, LLC
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

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: 92842453

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

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
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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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842453001	**HAM-HGWA-4**	3015	2689890	EPA 6020B	2689890
92842453002	**HAM-HGWA-5**	3015	2692192	EPA 6020B	2692192
92842453003	**HAM-HGWA-6**	3015	2692192	EPA 6020B	2692192
92842453004	**HAM-HGWA-42D**	3015	2692192	EPA 6020B	2692192
92842453005	**HAM-HGWC-14**	3015	2694080	EPA 6020B	2694080
92842453006	**HAM-HGWC-15**	3015	2694080	EPA 6020B	2694080
92842453007	**HAM-HGWC-16**	3015	2694080	EPA 6020B	2694080
92842453008	**HAM-HGWC-17**	3015	2694080	EPA 6020B	2694080
92842453009	**HAM-HGWC-18**	3015	2694080	EPA 6020B	2694080
92842453010	**HAM-MW-21D**	3015	2694080	EPA 6020B	2694080
92842453011	**HAM-MW-33**	3015	2694080	EPA 6020B	2694080
92842453012	**HAM-MW-34D**	3015	2694080	EPA 6020B	2694080
92842453013	**HAM-MW-35**	3015	2694080	EPA 6020B	2694080
92842453014	**HAM-MW-51**	3015	2694080	EPA 6020B	2694080
92842453015	**HAM-AP2-FD-01**	3015	2694080	EPA 6020B	2694080
92842453016	**HAM-AP2-EB-01**	3015	2694080	EPA 6020B	2694080
92842453017	**HAM-AP2-FB-01**	3015	2694080	EPA 6020B	2694080
92842453001	**HAM-HGWA-4**	SM 2320B-2021	989993		
92842453002	**HAM-HGWA-5**	SM 2320B-2021	990287		
92842453003	**HAM-HGWA-6**	SM 2320B-2021	990287		
92842453004	**HAM-HGWA-42D**	SM 2320B-2021	990287		
92842453005	**HAM-HGWC-14**	SM 2320B-2021	991314		
92842453006	**HAM-HGWC-15**	SM 2320B-2021	991314		
92842453007	**HAM-HGWC-16**	SM 2320B-2021	991314		
92842453008	**HAM-HGWC-17**	SM 2320B-2021	991314		
92842453009	**HAM-HGWC-18**	SM 2320B-2021	991369		
92842453010	**HAM-MW-21D**	SM 2320B-2021	991369		
92842453011	**HAM-MW-33**	SM 2320B-2021	991369		
92842453012	**HAM-MW-34D**	SM 2320B-2021	991369		
92842453013	**HAM-MW-35**	SM 2320B-2021	991369		
92842453014	**HAM-MW-51**	SM 2320B-2021	991371		
92842453001	**HAM-HGWA-4**	SM 2540C-2020	989209		
92842453002	**HAM-HGWA-5**	SM 2540C-2020	989727		
92842453003	**HAM-HGWA-6**	SM 2540C-2020	989727		
92842453004	**HAM-HGWA-42D**	SM 2540C-2020	989727		
92842453005	**HAM-HGWC-14**	SM 2540C-2020	990159		
92842453006	**HAM-HGWC-15**	SM 2540C-2020	990159		
92842453007	**HAM-HGWC-16**	SM 2540C-2020	990159		
92842453008	**HAM-HGWC-17**	SM 2540C-2020	990159		
92842453009	**HAM-HGWC-18**	SM 2540C-2020	990159		
92842453010	**HAM-MW-21D**	SM 2540C-2020	990159		
92842453011	**HAM-MW-33**	SM 2540C-2020	990159		
92842453012	**HAM-MW-34D**	SM 2540C-2020	990159		
92842453013	**HAM-MW-35**	SM 2540C-2020	990159		

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(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842453014	**HAM-MW-51**	SM 2540C-2020	990160		
92842453015	**HAM-AP2-FD-01**	SM 2540C-2020	990159		
92842453016	**HAM-AP2-EB-01**	SM 2540C-2020	990159		
92842453017	**HAM-AP2-FB-01**	SM 2540C-2020	990159		
92842453001	**HAM-HGWA-4**	EPA 300.0 Rev 2.1 1993	989031		
92842453002	**HAM-HGWA-5**	EPA 300.0 Rev 2.1 1993	989646		
92842453003	**HAM-HGWA-6**	EPA 300.0 Rev 2.1 1993	989646		
92842453004	**HAM-HGWA-42D**	EPA 300.0 Rev 2.1 1993	989646		
92842453005	**HAM-HGWC-14**	EPA 300.0 Rev 2.1 1993	989914		
92842453006	**HAM-HGWC-15**	EPA 300.0 Rev 2.1 1993	989914		
92842453007	**HAM-HGWC-16**	EPA 300.0 Rev 2.1 1993	989914		
92842453008	**HAM-HGWC-17**	EPA 300.0 Rev 2.1 1993	989914		
92842453009	**HAM-HGWC-18**	EPA 300.0 Rev 2.1 1993	989914		
92842453010	**HAM-MW-21D**	EPA 300.0 Rev 2.1 1993	989914		
92842453011	**HAM-MW-33**	EPA 300.0 Rev 2.1 1993	989914		
92842453012	**HAM-MW-34D**	EPA 300.0 Rev 2.1 1993	989914		
92842453013	**HAM-MW-35**	EPA 300.0 Rev 2.1 1993	989914		
92842453014	**HAM-MW-51**	EPA 300.0 Rev 2.1 1993	989914		
92842453015	**HAM-AP2-FD-01**	EPA 300.0 Rev 2.1 1993	989914		
92842453016	**HAM-AP2-EB-01**	EPA 300.0 Rev 2.1 1993	989914		
92842453017	**HAM-AP2-FB-01**	EPA 300.0 Rev 2.1 1993	989914		
92842453001	**HAM-HGWA-4**	EPA 3005A	989215	EPA 6020B	991148
92842453002	**HAM-HGWA-5**	EPA 3005A	989775	EPA 6020B	993310
92842453003	**HAM-HGWA-6**	EPA 3005A	989775	EPA 6020B	993310
92842453004	**HAM-HGWA-42D**	EPA 3005A	989777	EPA 6020B	992736
92842453005	**HAM-HGWC-14**	EPA 3005A	990067	EPA 6020B	993313
92842453006	**HAM-HGWC-15**	EPA 3005A	990067	EPA 6020B	993313
92842453007	**HAM-HGWC-16**	EPA 3005A	990067	EPA 6020B	993313
92842453008	**HAM-HGWC-17**	EPA 3005A	990067	EPA 6020B	993313
92842453009	**HAM-HGWC-18**	EPA 3005A	990067	EPA 6020B	993313
92842453010	**HAM-MW-21D**	EPA 3005A	990067	EPA 6020B	993313
92842453011	**HAM-MW-33**	EPA 3005A	990067	EPA 6020B	993313
92842453012	**HAM-MW-34D**	EPA 3005A	990067	EPA 6020B	993313
92842453013	**HAM-MW-35**	EPA 3005A	990067	EPA 6020B	993313
92842453014	**HAM-MW-51**	EPA 3005A	990067	EPA 6020B	993313
92842453015	**HAM-AP2-FD-01**	EPA 3005A	990067	EPA 6020B	993313
92842453016	**HAM-AP2-EB-01**	EPA 3005A	990067	EPA 6020B	993313
92842453017	**HAM-AP2-FB-01**	EPA 3005A	990067	EPA 6020B	993313
92842453001	**HAM-HGWA-4**	EPA 7470A	990133	EPA 7470A	990521
92842453002	**HAM-HGWA-5**	EPA 7470A	989879	EPA 7470A	991685
92842453003	**HAM-HGWA-6**	EPA 7470A	989879	EPA 7470A	991685
92842453004	**HAM-HGWA-42D**	EPA 7470A	989879	EPA 7470A	991685
92842453005	**HAM-HGWC-14**	EPA 7470A	990409	EPA 7470A	992244

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Huntersville, NC 28078
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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond- AP-2
Pace Project No.: 92842453

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842453006	**HAM-HGWC-15**	EPA 7470A	990409	EPA 7470A	992244
92842453007	**HAM-HGWC-16**	EPA 7470A	990409	EPA 7470A	992244
92842453008	**HAM-HGWC-17**	EPA 7470A	990409	EPA 7470A	992244
92842453009	**HAM-HGWC-18**	EPA 7470A	990409	EPA 7470A	992244
92842453010	**HAM-MW-21D**	EPA 7470A	990409	EPA 7470A	992244
92842453011	**HAM-MW-33**	EPA 7470A	990409	EPA 7470A	992244
92842453012	**HAM-MW-34D**	EPA 7470A	990409	EPA 7470A	992244
92842453013	**HAM-MW-35**	EPA 7470A	990409	EPA 7470A	992244
92842453014	**HAM-MW-51**	EPA 7470A	990409	EPA 7470A	992244
92842453015	**HAM-AP2-FD-01**	EPA 7470A	990409	EPA 7470A	992244
92842453016	**HAM-AP2-EB-01**	EPA 7470A	990409	EPA 7470A	992244
92842453017	**HAM-AP2-FB-01**	EPA 7470A	990409	EPA 7470A	992244

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Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

Laboratory receiving samples:

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

Sample Condition Upon Receipt

WO# : 92842453

92842453

Client Name: G A Power

Project #:

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

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

Date/Initials Person Examining Contents: 2/4/26 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: _____

Pace

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

Effective Date: 05/24/2024

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

Project # **WO#: 92842453**
PM: BV Due Date: 02/19/26
CLIENT: 92- GP-HAM

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					2																								
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-2nd SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (If applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283422

* 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	Preservation non-conformance identified for sample.
HAM-HGWA-4	WT	Grab			2/3/2026	1640	5			X	X	X	X		Temp = 16 deg C	
HAM-HGWA-4	WT	Grab	ZW 2/3/2026		2/3/2026	1640	2	ZW 2/3/2026						X	Temp = 16 deg C	

ZW 2/3/2026

Additional Instructions from Pace®:

Collected By: (Printed Name) Zin Watt, Alex Ulrich, Sam Weatherly
Signature: Zin Watt, Alex Ulrich, S 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:
[signature]	2/4/2026 1301	Lyan Williams / Pace	2/4/2026 1301
Lyan Williams / Pace	2/4/2026 1715	[signature]	2/4/26 1715

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123 ©

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

Laboratory receiving samples:

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

Sample Condition Upon Receipt

Client Name: GA Power

Project [redacted]

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: Lay

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:** _____

Pace

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

Effective Date: 05/24/2024

WO#: 92842453
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)	DG9A-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
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pH Adjustment Log for Preserved Samples

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

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

Qualtrax ID: 69614

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW),Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Customer Sample ID	Matrix *	Comp / Grab	Composite Start Date	Composite Start Time	Collected or Composite End Date	Collected or Composite End Time	# Cont.	Res. Chlorine Results	Res. Chlorine Units	2540C Total Dissolved Solids	300.0-Cl, SO4, F	APP III/V Metals	Major Ions (Profile 10839-2)	RAD 226/228	Sample Comment
HAM-HGWA-5	WT	Grab			2/4/2026	1053	5			X	X	X	X		Temp = 17 deg C
HAM-HGWA-6	WT	Grab			2/4/2026	1223	5			X	X	X	X		Temp = 17 deg C
HAM-HGWA-42D	WT	Grab			2/4/2026	1028	5			X	X	X	X		Temp = 18 deg C
HAM-HGWA-5	WT	Grab	ZW 2/5/2026		2/4/2026	1053	2							X	Temp = 17 deg C
HAM-HGWA-6	WT	Grab			2/4/2026	1223	2							X	Temp = 17 deg C
HAM-HGWA-42D	WT	Grab			2/4/2026	1028	2	ZW 2/5/2026						X	Temp = 18 deg C
					ZW 2/5/2026										

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283422

Preservation non-conformance identified for sample.

Additional Instructions from Pace®:

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	Ilyan Willin / Pace	2/6/2026 1325
Ilyan Willin / Pace	2/6/2026 1720	[signature] 2/6/26 1720	

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORO-0019_v02_110123

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

Laboratory receiving samples:

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

Sample Condition Upon Receipt

Client Name: GA Power

Project #: [redacted]

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

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

Date/Initials Person Examining Contents: 2/10/26 CJL

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:** _____

Pace	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP/N	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(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		2	1		2		2																						
5		2	1		2		2																						
6		2	1		2		2																						
7		2	1		2		2																						
8		2	1		2		2																						
9		2	1		2		2																						
10		2	1		2		2																						
11		1	1		2		2																						
12		1	1		2		2																						

pH Adjustment Log for Preserved Samples

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

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

Pace	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																												
1		1	1		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
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283422

* 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	Preservation non-conformance identified for sample.
HAM-HGWC-14	WG	Grab			2/7/2026	0927	5			X	X	X	X							Temp = 16 deg C	
HAM-HGWC-15	WG	Grab			2/6/2026	1415	5			X	X	X	X							Temp = 18 deg C	
HAM-HGWC-16	WG	Grab			2/6/2026	1707	5			X	X	X	X							Temp = 19 deg C	
HAM-HGWC-17	WG	Grab			2/6/2026	1508	5			X	X	X	X							Temp = 19 deg C	
HAM-HGWC-18	WG	Grab			2/6/2026	1045	5			X	X	X	X							Temp = 15 deg C	
HAM-MW-21D	WG	Grab			2/6/2026	1307	5			X	X	X	X							Temp = 18 deg C	
HAM-MW-33	WG	Grab	ZW 2/7/2026		2/6/2026	1506	5			X	X	X	X							Temp = 19 deg C	
HAM-MW-34D	WG	Grab			2/6/2026	1717	5			X	X	X	X							Temp = 19 deg C	
HAM-MW-35	WG	Grab			2/6/2026	1641	5			X	X	X	X							Temp = 18 deg C	
HAM-MW-51	WG	Grab			2/7/2026	0903	5	ZW 2/7/2026		X	X	X	X							Temp = 15 deg C	

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 Velt, Sam Weatherly, Alex Clerkin
Signature: Zain Velt, S Weatherly, Alex Clerkin

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp. (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Velt / Geosyntec	2/9/26 1405	Ryan Williams / Pace	2/9/26 1405
Ryan Williams / Pace	2/9/26 1705	Charles Hess	2/9/26 1705
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283422

* 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	Preservation non-conformance identified for sample.
HAM-AP2-FD-01	WG	Grab			2/6/2026	0000	4			X	X	X								Temp = 18 deg C	
HAM-AP2-EB-01	WQ	Grab			2/6/2026	1730	4			X	X	X								Temp = 18 deg C	
HAM-AP2-FB-01	WQ	Grab			2/6/2026	1725	4			X	X	X								Temp = 18 deg C	
HAM-HGWC-14	WG	Grab			2/7/2026	0927	2							X						Temp = 16 deg C	
HAM-HGWC-15	WG	Grab			2/6/2026	1415	2							X						Temp = 18 deg C	
HAM-HGWC-16	WG	Grab			2/6/2026	1707	2							X						Temp = 19 deg C	
HAM-HGWC-17	WG	Grab	ZW 2/7/2026		2/6/2026	1508	2							X						Temp = 19 deg C	
HAM-HGWC-18	WG	Grab			2/6/2026	1045	2							X						Temp = 15 deg C	
HAM-MW-21D	WG	Grab			2/6/2026	1307	2	ZW 2/7/2026						X						Temp = 19 deg C	
HAM-MW-33	WG	Grab			2/6/2026	1506	2							X						Temp = 19 deg C	

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) Zin Velt, Alex Kirch, Sam Weatherly
Signature: Zin Velt, Alex Kirch, S 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:
Zin Velt / Geosyntec	2/9/26 1405	Ryan Willian / Pace	2/9/26 1405
Ryan Willian / Pace	2/9/26 1705	Chanel Hawks	2/10/26 1705
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 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/

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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
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3283422

* 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	Preservation non-conformance identified for sample.
HAM-MW-34D	WG	Grab			2/6/2026	1717	2							X	Temp = 19 deg C	
HAM-MW-35	WG	Grab			2/6/2026	1641	2							X	Temp = 18 deg C	
HAM-MW-51	WG	Grab			2/7/2026	0903	2							X	Temp = 15 deg C	
HAM-AP2-FD-01	WG	Grab			2/6/2026	0000	2							X	Temp = 18 deg C	
HAM-AP2-EB-01	WQ	Grab	ZW 2/7/2026		2/6/2026	1730	2							X	Temp = 18 deg C	
HAM-AP2-FB-01	WQ	Grab			2/6/2026	1725	2	ZW 2/7/2026						X	Temp = 18 deg C	
															Last sample.	
					ZW 2/7/2026											

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) Zain Wolf, Alex Chernich, Sam Weatherby
Signature: Zain Wolf, Alex Chernich, S Weatherby

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 Wolf / Geosyntec	2/9/26 1405	Ryan Williams / Pace	2/9/26 1405
Ryan Williams / Pace	2/9/26 1705	Charles Hale 2/9/26	1705

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 3 of 3

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

March 23, 2026

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

RE: Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Dear Kristen Jurinko:

Enclosed are the analytical results for sample(s) received by the laboratory between February 04, 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
bonnie.vang@pacelabs.com
704-977-0968
Project Manager

Enclosures

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

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project:	Plant Hammond- AP-2- RADs
Pace Project No.:	92842456

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

SAMPLE SUMMARY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92842456001	**HAM-HGWA-4**	Water	02/03/26 16:40	02/04/26 17:15
92842456002	**HAM-HGWA-5**	Water	02/04/26 10:53	02/06/26 17:20
92842456003	**HAM-HGWA-6**	Water	02/04/26 12:23	02/06/26 17:20
92842456004	**HAM-HGWA-42D**	Water	02/04/26 10:28	02/06/26 17:20
92842456005	**HAM-HGWC-14**	Water	02/07/26 09:27	02/09/26 17:05
92842456006	**HAM-HGWC-15**	Water	02/06/26 14:15	02/09/26 17:05
92842456007	**HAM-HGWC-16**	Water	02/06/26 17:07	02/09/26 17:05
92842456008	**HAM-HGWC-17**	Water	02/06/26 15:08	02/09/26 17:05
92842456009	**HAM-HGWC-18**	Water	02/06/26 10:45	02/09/26 17:05
92842456010	**HAM-MW-21D**	Water	02/06/26 13:07	02/09/26 17:05
92842456011	**HAM-MW-33**	Water	02/06/26 15:06	02/09/26 17:05
92842456012	**HAM-MW-34D**	Water	02/06/26 17:17	02/09/26 17:05
92842456013	**HAM-MW-35**	Water	02/06/26 16:41	02/09/26 17:05
92842456014	**HAM-MW-51**	Water	02/07/26 09:03	02/09/26 17:05
92842456016	**HAM-AP2-FD-01**	Water	02/06/26 00:00	02/09/26 17:05
92842456017	**HAM-AP2-EB-01**	Water	02/06/26 17:30	02/09/26 17:05
92842456018	**HAM-AP2-FB-01**	Water	02/06/26 17:25	02/09/26 17:05

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SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92842456001	**HAM-HGWA-4**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456002	**HAM-HGWA-5**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456003	**HAM-HGWA-6**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456004	**HAM-HGWA-42D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456005	**HAM-HGWC-14**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456006	**HAM-HGWC-15**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456007	**HAM-HGWC-16**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456008	**HAM-HGWC-17**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456009	**HAM-HGWC-18**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456010	**HAM-MW-21D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456011	**HAM-MW-33**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456012	**HAM-MW-34D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456013	**HAM-MW-35**	EPA 9315	SLC	1	PASI-PA

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Huntersville, NC 28078
(704)875-9092

SAMPLE ANALYTE COUNT

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456014	**HAM-MW-51**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456016	**HAM-AP2-FD-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456017	**HAM-AP2-EB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92842456018	**HAM-AP2-FB-01**	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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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842456001	**HAM-HGWA-4**					
EPA 9315	Radium-226	0.463U ± 0.283 (0.500) C:73% T:NA	pCi/L		02/23/26 08:14	
EPA 9320	Radium-228	1.05 ± 0.564 (1.01) C:75% T:80%	pCi/L		02/18/26 14:18	
Total Radium Calculation	Total Radium	1.51 ± 0.847 (1.51)	pCi/L		02/23/26 15:26	
92842456002	**HAM-HGWA-5**					
EPA 9315	Radium-226	0.0480U ± 0.151 (0.366) C:79% T:NA	pCi/L		02/25/26 08:17	
EPA 9320	Radium-228	1.50 ± 0.595 (0.915) C:65% T:83%	pCi/L		02/25/26 14:56	
Total Radium Calculation	Total Radium	1.55 ± 0.746 (1.28)	pCi/L		02/26/26 18:38	
92842456003	**HAM-HGWA-6**					
EPA 9315	Radium-226	0.106U ± 0.160 (0.351) C:69% T:NA	pCi/L		02/25/26 08:17	
EPA 9320	Radium-228	0.189U ± 0.409 (0.907) C:62% T:84%	pCi/L		02/25/26 14:56	
Total Radium Calculation	Total Radium	0.295U ± 0.569 (1.26)	pCi/L		02/26/26 18:38	
92842456004	**HAM-HGWA-42D**					
EPA 9315	Radium-226	0.180U ± 0.184 (0.373) C:77% T:NA	pCi/L		02/25/26 08:11	
EPA 9320	Radium-228	0.0964U ± 0.426 (0.972) C:62% T:85%	pCi/L		02/25/26 14:56	
Total Radium Calculation	Total Radium	0.276U ± 0.610 (1.35)	pCi/L		02/26/26 18:38	

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842456005	**HAM-HGWC-14**					
EPA 9315	Radium-226	0.282U ± 0.288 (0.576) C:86% T:NA	pCi/L		03/12/26 08:23	
EPA 9320	Radium-228	0.255U ± 0.459 (1.00) C:72% T:86%	pCi/L		03/11/26 15:51	
Total Radium Calculation	Total Radium	0.537U ± 0.747 (1.58)	pCi/L		03/13/26 15:59	
92842456006	**HAM-HGWC-15**					
EPA 9315	Radium-226	-0.0258U ± 0.298 (0.787) C:74% T:NA	pCi/L		03/12/26 08:24	
EPA 9320	Radium-228	0.458U ± 0.459 (0.947) C:71% T:84%	pCi/L		03/11/26 15:51	
Total Radium Calculation	Total Radium	0.458U ± 0.757 (1.73)	pCi/L		03/13/26 15:59	
92842456007	**HAM-HGWC-16**					
EPA 9315	Radium-226	0.0115U ± 0.276 (0.711) C:84% T:NA	pCi/L		03/12/26 08:24	
EPA 9320	Radium-228	0.923U ± 0.525 (0.964) C:74% T:82%	pCi/L		03/11/26 15:51	
Total Radium Calculation	Total Radium	0.935U ± 0.801 (1.68)	pCi/L		03/13/26 15:59	
92842456008	**HAM-HGWC-17**					
EPA 9315	Radium-226	0.136U ± 0.268 (0.619) C:92% T:NA	pCi/L		03/12/26 08:24	
EPA 9320	Radium-228	0.0480U ± 0.395 (0.908) C:76% T:87%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	0.184U ± 0.663 (1.53)	pCi/L		03/13/26 15:59	

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Huntersville, NC 28078
(704)875-9092

SUMMARY OF DETECTION

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842456009	**HAM-HGWC-18**					
EPA 9315	Radium-226	0.591 ± 0.353 (0.579) C:87% T:NA	pCi/L		03/12/26 08:24	
EPA 9320	Radium-228	0.866U ± 0.519 (0.968) C:72% T:80%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	1.46U ± 0.872 (1.55)	pCi/L		03/13/26 15:59	
92842456010	**HAM-MW-21D**					
EPA 9315	Radium-226	0.141U ± 0.326 (0.763) C:88% T:NA	pCi/L		03/12/26 08:25	
EPA 9320	Radium-228	0.0134U ± 0.433 (1.00) C:72% T:81%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	0.154U ± 0.759 (1.76)	pCi/L		03/13/26 15:59	
92842456011	**HAM-MW-33**					
EPA 9315	Radium-226	0.361U ± 0.329 (0.652) C:89% T:NA	pCi/L		03/12/26 08:25	
EPA 9320	Radium-228	1.04 ± 0.520 (0.923) C:74% T:91%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	1.40U ± 0.849 (1.58)	pCi/L		03/13/26 15:59	
92842456012	**HAM-MW-34D**					
EPA 9315	Radium-226	0.352U ± 0.295 (0.555) C:94% T:NA	pCi/L		03/12/26 08:25	
EPA 9320	Radium-228	0.295U ± 0.433 (0.934) C:75% T:87%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	0.647U ± 0.728 (1.49)	pCi/L		03/13/26 15:59	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842456013	**HAM-MW-35**					
EPA 9315	Radium-226	0.362U ± 0.325 (0.630) C:82% T:NA	pCi/L		03/12/26 08:26	
EPA 9320	Radium-228	1.01 ± 0.514 (0.891) C:76% T:79%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	1.37U ± 0.839 (1.52)	pCi/L		03/13/26 15:59	
92842456014	**HAM-MW-51**					
EPA 9315	Radium-226	0.162U ± 0.244 (0.540) C:89% T:NA	pCi/L		03/13/26 08:17	
EPA 9320	Radium-228	0.289U ± 0.462 (1.00) C:71% T:84%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	0.451U ± 0.706 (1.54)	pCi/L		03/13/26 15:59	
92842456016	**HAM-AP2-FD-01**					
EPA 9315	Radium-226	-0.0375U ± 0.171 (0.490) C:77% T:NA	pCi/L		03/13/26 08:19	
EPA 9320	Radium-228	1.17U ± 0.657 (1.20) C:66% T:79%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	1.17U ± 0.828 (1.69)	pCi/L		03/13/26 15:59	
92842456017	**HAM-AP2-EB-01**					
EPA 9315	Radium-226	0.00939U ± 0.226 (0.582) C:77% T:NA	pCi/L		03/13/26 08:18	
EPA 9320	Radium-228	0.433U ± 0.447 (0.930) C:77% T:85%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	0.442U ± 0.673 (1.51)	pCi/L		03/13/26 15:59	

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SUMMARY OF DETECTION

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92842456018	**HAM-AP2-FB-01**					
EPA 9315	Radium-226	-0.130U ± 0.203 (0.584) C:86% T:NA	pCi/L		03/13/26 08:19	
EPA 9320	Radium-228	-0.0438U ± 0.402 (0.941) C:75% T:84%	pCi/L		03/11/26 15:52	
Total Radium Calculation	Total Radium	0.000U ± 0.605 (1.53)	pCi/L		03/13/26 15:59	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWA-4 **Lab ID: 92842456001** Collected: 02/03/26 16:40 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	**0.463U ± 0.283 (0.500)** **C:73% T:NA**	pCi/L	02/23/26 08:14	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.05 ± 0.564 (1.01)** **C:75% T:80%**	pCi/L	02/18/26 14:18	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.51 ± 0.847 (1.51)**	pCi/L	02/23/26 15:26	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWA-5 **Lab ID: 92842456002** Collected: 02/04/26 10:53 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	**0.0480U ± 0.151 (0.366)** **C:79% T:NA**	pCi/L	02/25/26 08:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.50 ± 0.595 (0.915)** **C:65% T:83%**	pCi/L	02/25/26 14:56	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.55 ± 0.746 (1.28)**	pCi/L	02/26/26 18:38	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWA-6 **Lab ID: 92842456003** Collected: 02/04/26 12:23 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	**0.106U ± 0.160 (0.351)** **C:69% T:NA**	pCi/L	02/25/26 08:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.189U ± 0.409 (0.907)** **C:62% T:84%**	pCi/L	02/25/26 14:56	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.295U ± 0.569 (1.26)**	pCi/L	02/26/26 18:38	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWA-42D **Lab ID: 92842456004** Collected: 02/04/26 10:28 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	**0.180U ± 0.184 (0.373) C:77% T:NA**	pCi/L	02/25/26 08:11	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0964U ± 0.426 (0.972) C:62% T:85%**	pCi/L	02/25/26 14:56	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.276U ± 0.610 (1.35)**	pCi/L	02/26/26 18:38	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWC-14 **Lab ID: 92842456005** Collected: 02/07/26 09:27 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	**0.282U ± 0.288 (0.576)** **C:86% T:NA**	pCi/L	03/12/26 08:23	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.255U ± 0.459 (1.00)** **C:72% T:86%**	pCi/L	03/11/26 15:51	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.537U ± 0.747 (1.58)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWC-15 **Lab ID: 92842456006** Collected: 02/06/26 14:15 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	**-0.0258U ± 0.298 (0.787) C:74% T:NA**	pCi/L	03/12/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.458U ± 0.459 (0.947) C:71% T:84%**	pCi/L	03/11/26 15:51	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.458U ± 0.757 (1.73)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWC-16 **Lab ID: 92842456007** Collected: 02/06/26 17:07 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	**0.0115U ± 0.276 (0.711)** **C:84% T:NA**	pCi/L	03/12/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.923U ± 0.525 (0.964)** **C:74% T:82%**	pCi/L	03/11/26 15:51	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.935U ± 0.801 (1.68)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWC-17 **Lab ID: 92842456008** Collected: 02/06/26 15:08 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	**0.136U ± 0.268 (0.619)** **C:92% T:NA**	pCi/L	03/12/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0480U ± 0.395 (0.908)** **C:76% T:87%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.184U ± 0.663 (1.53)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-HGWC-18 **Lab ID: 92842456009** Collected: 02/06/26 10:45 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	**0.591 ± 0.353 (0.579)** **C:87% T:NA**	pCi/L	03/12/26 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.866U ± 0.519 (0.968)** **C:72% T:80%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.46U ± 0.872 (1.55)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-MW-21D **Lab ID: 92842456010** Collected: 02/06/26 13:07 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	**0.141U ± 0.326 (0.763) C:88% T:NA**	pCi/L	03/12/26 08:25	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0134U ± 0.433 (1.00) C:72% T:81%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.154U ± 0.759 (1.76)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-MW-33 **Lab ID: 92842456011** Collected: 02/06/26 15:06 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	**0.361U ± 0.329 (0.652)** **C:89% T:NA**	pCi/L	03/12/26 08:25	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.04 ± 0.520 (0.923)** **C:74% T:91%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.40U ± 0.849 (1.58)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-MW-34D **Lab ID: 92842456012** Collected: 02/06/26 17:17 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	**0.352U ± 0.295 (0.555)** **C:94% T:NA**	pCi/L	03/12/26 08:25	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.295U ± 0.433 (0.934)** **C:75% T:87%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.647U ± 0.728 (1.49)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-MW-35 **Lab ID: 92842456013** Collected: 02/06/26 16:41 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	**0.362U ± 0.325 (0.630)** **C:82% T:NA**	pCi/L	03/12/26 08:26	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.01 ± 0.514 (0.891)** **C:76% T:79%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.37U ± 0.839 (1.52)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-MW-51 **Lab ID: 92842456014** Collected: 02/07/26 09:03 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	**0.162U ± 0.244 (0.540)** **C:89% T:NA**	pCi/L	03/13/26 08:17	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.289U ± 0.462 (1.00)** **C:71% T:84%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.451U ± 0.706 (1.54)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-AP2-FD-01 **Lab ID: 92842456016** Collected: 02/06/26 00:00 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	**-0.0375U ± 0.171 (0.490) C:77% T:NA**	pCi/L	03/13/26 08:19	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**1.17U ± 0.657 (1.20) C:66% T:79%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.17U ± 0.828 (1.69)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-AP2-EB-01 **Lab ID: 92842456017** Collected: 02/06/26 17:30 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	**0.00939U ± 0.226 (0.582) C:77% T:NA**	pCi/L	03/13/26 08:18	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.433U ± 0.447 (0.930) C:77% T:85%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.442U ± 0.673 (1.51)**	pCi/L	03/13/26 15:59	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Sample: HAM-AP2-FB-01 **Lab ID: 92842456018** Collected: 02/06/26 17:25 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	**-0.130U ± 0.203 (0.584) C:86% T:NA**	pCi/L	03/13/26 08:19	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**-0.0438U ± 0.402 (0.941) C:75% T:84%**	pCi/L	03/11/26 15:52	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.000U ± 0.605 (1.53)**	pCi/L	03/13/26 15:59	7440-14-4	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

QC Batch: 799528
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842456001

METHOD BLANK: 3901250
Matrix: Water
Associated Lab Samples: 92842456001

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

QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

QC Batch: 799531
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842456002, 92842456003, 92842456004

METHOD BLANK: 3901253
Matrix: Water
Associated Lab Samples: 92842456002, 92842456003, 92842456004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.737 ± 0.413 (0.710) C:61% T:90%	pCi/L	02/25/26 14:53	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

QC Batch: 803445 | Analysis Method: EPA 9320
QC Batch Method: EPA 9320 | Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92842456005, 92842456006, 92842456007, 92842456008, 92842456009, 92842456010, 92842456011, 92842456012, 92842456013, 92842456014, 92842456016, 92842456017, 92842456018

METHOD BLANK: 3921363 | Matrix: Water

Associated Lab Samples: 92842456005, 92842456006, 92842456007, 92842456008, 92842456009, 92842456010, 92842456011, 92842456012, 92842456013, 92842456014, 92842456016, 92842456017, 92842456018

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-2- RADs
Pace Project No.: 92842456

QC Batch: 803444 | Analysis Method: EPA 9315
QC Batch Method: EPA 9315 | Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92842456005, 92842456006, 92842456007, 92842456008, 92842456009, 92842456010, 92842456011, 92842456012, 92842456013, 92842456014, 92842456016, 92842456017, 92842456018

METHOD BLANK: 3921360 | Matrix: Water

Associated Lab Samples: 92842456005, 92842456006, 92842456007, 92842456008, 92842456009, 92842456010, 92842456011, 92842456012, 92842456013, 92842456014, 92842456016, 92842456017, 92842456018

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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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

QC Batch: 799468
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92842456002, 92842456003, 92842456004

METHOD BLANK: 3901111
Matrix: Water
Associated Lab Samples: 92842456002, 92842456003, 92842456004

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.0130 ± 0.131 (0.344) C:66% T:NA	pCi/L	02/25/26 08:14	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

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: 92842456001

METHOD BLANK: 3901104
Matrix: Water
Associated Lab Samples: 92842456001

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	

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QUALIFIERS

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

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: 92842456

[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-2- RADs
Pace Project No.: 92842456

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842456001	**HAM-HGWA-4**	EPA 9315	799464		
92842456002	**HAM-HGWA-5**	EPA 9315	799468		
92842456003	**HAM-HGWA-6**	EPA 9315	799468		
92842456004	**HAM-HGWA-42D**	EPA 9315	799468		
92842456005	**HAM-HGWC-14**	EPA 9315	803444		
92842456006	**HAM-HGWC-15**	EPA 9315	803444		
92842456007	**HAM-HGWC-16**	EPA 9315	803444		
92842456008	**HAM-HGWC-17**	EPA 9315	803444		
92842456009	**HAM-HGWC-18**	EPA 9315	803444		
92842456010	**HAM-MW-21D**	EPA 9315	803444		
92842456011	**HAM-MW-33**	EPA 9315	803444		
92842456012	**HAM-MW-34D**	EPA 9315	803444		
92842456013	**HAM-MW-35**	EPA 9315	803444		
92842456014	**HAM-MW-51**	EPA 9315	803444		
92842456016	**HAM-AP2-FD-01**	EPA 9315	803444		
92842456017	**HAM-AP2-EB-01**	EPA 9315	803444		
92842456018	**HAM-AP2-FB-01**	EPA 9315	803444		
92842456001	**HAM-HGWA-4**	EPA 9320	799528		
92842456002	**HAM-HGWA-5**	EPA 9320	799531		
92842456003	**HAM-HGWA-6**	EPA 9320	799531		
92842456004	**HAM-HGWA-42D**	EPA 9320	799531		
92842456005	**HAM-HGWC-14**	EPA 9320	803445		
92842456006	**HAM-HGWC-15**	EPA 9320	803445		
92842456007	**HAM-HGWC-16**	EPA 9320	803445		
92842456008	**HAM-HGWC-17**	EPA 9320	803445		
92842456009	**HAM-HGWC-18**	EPA 9320	803445		
92842456010	**HAM-MW-21D**	EPA 9320	803445		
92842456011	**HAM-MW-33**	EPA 9320	803445		
92842456012	**HAM-MW-34D**	EPA 9320	803445		
92842456013	**HAM-MW-35**	EPA 9320	803445		
92842456014	**HAM-MW-51**	EPA 9320	803445		
92842456016	**HAM-AP2-FD-01**	EPA 9320	803445		
92842456017	**HAM-AP2-EB-01**	EPA 9320	803445		
92842456018	**HAM-AP2-FB-01**	EPA 9320	803445		
92842456001	**HAM-HGWA-4**	Total Radium Calculation	801472		
92842456002	**HAM-HGWA-5**	Total Radium Calculation	802292		
92842456003	**HAM-HGWA-6**	Total Radium Calculation	802292		
92842456004	**HAM-HGWA-42D**	Total Radium Calculation	802292		
92842456005	**HAM-HGWC-14**	Total Radium Calculation	805571		
92842456006	**HAM-HGWC-15**	Total Radium Calculation	805571		
92842456007	**HAM-HGWC-16**	Total Radium Calculation	805571		
92842456008	**HAM-HGWC-17**	Total Radium Calculation	805571		
92842456009	**HAM-HGWC-18**	Total Radium Calculation	805571		
92842456010	**HAM-MW-21D**	Total Radium Calculation	805571		
92842456011	**HAM-MW-33**	Total Radium Calculation	805571		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond- AP-2- RADs
Pace Project No.: 92842456

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92842456012	**HAM-MW-34D**	Total Radium Calculation	805571		
92842456013	**HAM-MW-35**	Total Radium Calculation	805571		
92842456014	**HAM-MW-51**	Total Radium Calculation	805571		
92842456016	**HAM-AP2-FD-01**	Total Radium Calculation	805571		
92842456017	**HAM-AP2-EB-01**	Total Radium Calculation	805571		
92842456018	**HAM-AP2-FB-01**	Total Radium Calculation	805571		

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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# : 92842456
92842456

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

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

Date/Initials Person Examining Contents: 2/4/26 CMC

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? -Includes Date/Time/ID/Analysis Matrix: W	☑ Yes	☐ No	☐ N/A	9.
Headspace in VOA Vials (>5-6mm)?	☐ Yes	☐ No	☑ N/A	10.
Trip Blank Present?	☐ Yes	☐ No	☑ N/A	11.
Trip Blank Custody Seals Present?	☐ Yes	☐ No	☑ N/A	

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

WO# : 92842456

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)	BP/N	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(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 ✓																								
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (If applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] 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) 50mL, (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 3283422

* 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	Preservation non-conformance identified for sample.
HAM-HGWA-4 WG	~~WT~~	Grab			2/3/2026	1640	5			X	X	X	X		Temp = 16 deg C	
HAM-HGWA-4 WG	~~WT~~	Grab	ZW 2/3/2026		2/3/2026	1640	2	ZW 2/3/2026						X	Temp = 16 deg C	
	AT 2/9/26															
					ZW 2/3/2026											

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. AT 2/9/26

Collected By:
(Printed Name) Zin Watt, Sam Weatherly
Signature: Zin Watt, 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:
[signature] / Greystar	2/4/2026 1301	Liam Williams / Pace	2/4/2026 1301
Liam Williams / Pace	2/4/2026 1715	[signature] / Pace	2/4/26 1715

Tracking Number:
Delivered by: [ ] In-Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

FNV-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: ☐ 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 CAP

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

Cooler Temp Corrected (°C): 3.4

Temp should be above freezing to 6°C

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

USDA Regulated Soil (☐ N/A, water sample)

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ **Date:** _____

Project Manager SRF Review: _____ **Date:** _____

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

WO#: 92842456
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 ☐ Mech[illegible] ☐ 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)	AGOU-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																													
1		2	1				2																						
2		2	1				2																						
3		2	1				2																						
4					2																								
5					2																								
6					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-2)-1st SA	Invoice To:	Account Payable
		Invoice E-Mail:	georgiapowerinvoices@southernco.com
Site Collection Info/Facility ID (as applicable):		Purchase Order # (if applicable):	GPC82474-0011
		Quote #:	

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No

Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283422

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-5 WG	~~WT~~	Grab			2/4/2026	1053	5			X	X	X	X		Temp = 17 deg C	
HAM-HGWA-6 WG	~~WT~~	Grab			2/4/2026	1223	5			X	X	X	X		Temp = 17 deg C	
HAM-HGWA-42D WG	~~WT~~	Grab			2/4/2026	1028	5			X	X	X	X		Temp = 18 deg C	
HAM-HGWA-5 WG	~~WT~~	Grab	ZW 2/5/2026		2/4/2026	1053	2							X	Temp = 17 deg C	
HAM-HGWA-6 WG	~~WT~~	Grab			2/4/2026	1223	2							X	Temp = 17 deg C	
HAM-HGWA-42D WG	~~WT~~	Grab			2/4/2026	1028	2	ZW 2/5/2026						X	Temp = 18 deg C	
	AT 2/11/26															
					ZW 2/5/2026											

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. AT 2/11/26

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 Willis / Pace	2/6/2026 1325	
Ryan Willis / 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: 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-CORO-0019_v02_110123

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

Laboratory receiving samples:

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

Sample Condition Upon Receipt

Client Name: GA Power

Project #: [redacted]

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

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

Date/Initials Person Examining Contents: 2/10/26 CJL

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)	BP/N	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(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		2	1		2		2																						
5		2	1		2		2																						
6		2	1		2		2																						
7		2	1		2		2																						
8		2	1		2		2																						
9		2	1		2		2																						
10		2	1		2		2																						
11		1	1		2		2																						
12		1	1		2		2																						

pH Adjustment Log for Preserved Samples

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

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

Pace	**DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt**
	Effective Date: 05/24/2024

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																												
1		1	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
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia

Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Waste Water (WW), Product (P), Soil/Solid (SS), Oil (OL), Wipe (WP), Tissue (TS), Bioassay (B), Vapor (V), Surface Water (SW), Sediment (SED), Sludge (SL), Caulk (CK), Leachate (LL), Biosolid (BS), Other (OT)

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283422

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-HGWC-14	WG	Grab			2/7/2026	0927	5			X	X	X	X		Temp = 16 deg C	
HAM-HGWC-15	WG	Grab			2/6/2026	1415	5			X	X	X	X		Temp = 18 deg C	
HAM-HGWC-16	WG	Grab			2/6/2026	1707	5			X	X	X	X		Temp = 19 deg C	
HAM-HGWC-17	WG	Grab			2/6/2026	1508	5			X	X	X	X		Temp = 19 deg C	
HAM-HGWC-18	WG	Grab			2/6/2026	1045	5			X	X	X	X		Temp = 15 deg C	
HAM-MW-21D	WG	Grab			2/6/2026	1307	5			X	X	X	X		Temp = 18 deg C	
HAM-MW-33	WG	Grab	ZW 2/7/2026		2/6/2026	1506	5			X	X	X	X		Temp = 19 deg C	
HAM-MW-34D	WG	Grab			2/6/2026	1717	5			X	X	X	X		Temp = 19 deg C	
HAM-MW-35	WG	Grab			2/6/2026	1641	5			X	X	X	X		Temp = 18 deg C	
HAM-MW-51	WG	Grab			2/7/2026	0903	5	ZW 2/7/2026		X	X	X	X		Temp = 15 deg C	

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 Velt, Sam Weatherly, Alex Clerkin
Signature: Zain Velt, S Weatherly, Alex Clerkin

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs Temp. (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Zain Velt / Geosyntec	2/9/26 1405	Lian Williams / Pace	2/9/26 1405
Lian Williams / Pace	2/9/26 1705	Charles Hale	2/9/26 1705
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORQ-0019_v02_110123

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:
Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia
Data Deliverables: [ ] Level II [ ] Level III [ ] Level IV [ ] EQUIS [ ] Other
Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No
Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____
DW PWSID # or WW Permit # as applicable:
Date Results Requested:
Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only: Proj. Mgr: Bonnie Vang; AcctNum / Client ID:; Table #:; Profile / Template: 16483; Prelog / Bottle Ord. ID: EZ 3283422

* 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	Preservation non-conformance identified for sample.
HAM-AP2-FD-01	WG	Grab			2/6/2026	0000	4			X	X	X								Temp = 18 deg C	
HAM-AP2-EB-01	WQ	Grab			2/6/2026	1730	4			X	X	X								Temp = 18 deg C	
HAM-AP2-FB-01	WQ	Grab			2/6/2026	1725	4			X	X	X								Temp = 18 deg C	
HAM-HGWC-14	WG	Grab			2/7/2026	0927	2							X						Temp = 16 deg C	
HAM-HGWC-15	WG	Grab			2/6/2026	1415	2							X						Temp = 18 deg C	
HAM-HGWC-16	WG	Grab			2/6/2026	1707	2							X						Temp = 19 deg C	
HAM-HGWC-17	WG	Grab	ZW 2/7/2026		2/6/2026	1508	2							X						Temp = 19 deg C	
HAM-HGWC-18	WG	Grab			2/6/2026	1045	2							X						Temp = 15 deg C	
HAM-MW-21D	WG	Grab			2/6/2026	1307	2	ZW 2/7/2026						X						Temp = 19 deg C	
HAM-MW-33	WG	Grab			2/6/2026	1506	2							X						Temp = 19 deg C	

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) Zin Velt, Alex Kirch, Sam Weatherly
Signature: Zin Velt, Alex Kirch, S 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:
Zin Velt / Geosyntec	2/9/26 1405	Ryan Willian / Pace	2/9/26 1405
Ryan Willian / Pace	2/9/26 1705	Chanel Hawks	2/10/26 1705
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 2 of 3

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ENV-FRM-CORQ-0019_v02_110123 ©

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2)-1st SA
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET
County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required):
[ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **
Identify Container Preservative Type***
Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3283422

* 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	Preservation non-conformance identified for sample.
HAM-MW-34D	WG	Grab			2/6/2026	1717	2							X	Temp = 19 deg C	
HAM-MW-35	WG	Grab			2/6/2026	1641	2							X	Temp = 18 deg C	
HAM-MW-51	WG	Grab			2/7/2026	0903	2							X	Temp = 15 deg C	
HAM-AP2-FD-01	WG	Grab			2/6/2026	0000	2							X	Temp = 18 deg C	
HAM-AP2-EB-01	WQ	Grab	ZW 2/7/2026		2/6/2026	1730	2							X	Temp = 18 deg C	
HAM-AP2-FB-01	WQ	Grab			2/6/2026	1725	2	ZW 2/7/2026						X	Temp = 18 deg C	
															Last sample.	
					ZW 2/7/2026											

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) Zain Wolf, Alex Chernich, Sam Weatherby
Signature: Zain Wolf, Alex Chernich, S Weatherby

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 Wolf / Geosyntec	2/9/26 1405	Ryan Williams / Pace	2/9/26 1405
Ryan Williams / Pace	2/9/26 1705	Charles Hale 2/9/26	1705
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:
Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 3 of 3

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ENV-FRM-CORO-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-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:

KJ 3/12/26

VAL
3/13/26

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

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-2 (ACM)
Pace Project No.: 92843702

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 - Asheville
- Pace Analytical Services - West Columbia

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

Sincerely,

Bonnie Vang

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

Enclosures

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

REPORT OF LABORATORY ANALYSIS

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

CERTIFICATIONS

Project:	Plant Hammond-AP-2 (ACM)
Pace Project No.:	92843702

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-AP-2 (ACM)
Pace Project No.: 92843702

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92843702001	**HAM-PT-01**	Water	02/10/26 12:18	02/11/26 14:25
92843702002	**HAM-MW-55**	Water	02/10/26 17:36	02/11/26 14:25
92843702003	**HAM-MW-56**	Water	02/10/26 09:10	02/11/26 14:25
92843702004	**HAM-MW-57**	Water	02/10/26 15:08	02/11/26 14:25
92843702005	**HAM-MW-58**	Water	02/10/26 16:45	02/11/26 14:25
92843702006	**HAM-MW-59**	Water	02/10/26 13:02	02/11/26 14:25
92843702007	**HAM-AP2-FD-03**	Water	02/10/26 00:00	02/11/26 14:25
92843702008	**HAM-AP2-EB-03**	Water	02/10/26 12:40	02/11/26 14:25
92843702009	**HAM-AP2-FB-03**	Water	02/10/26 12:35	02/11/26 14:25

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SAMPLE ANALYTE COUNT

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92843702001	**HAM-PT-01**	SM 2320B-2021	SMS	3
		EPA 6020B	BW	1
92843702002	**HAM-MW-55**	EPA 6020B	BW	1
92843702003	**HAM-MW-56**	EPA 6020B	BW	1
92843702004	**HAM-MW-57**	EPA 6020B	BW	1
92843702005	**HAM-MW-58**	EPA 6020B	BW	1
92843702006	**HAM-MW-59**	EPA 6020B	BW	1
92843702007	**HAM-AP2-FD-03**	EPA 6020B	BW	1
92843702008	**HAM-AP2-EB-03**	EPA 6020B	BW	1
92843702009	**HAM-AP2-FB-03**	EPA 6020B	BW	1

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

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SUMMARY OF DETECTION

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92843702001	**HAM-PT-01**					
SM 2320B-2021	Alkalinity,Bicarbonate (CaCO3)	147	mg/L	5.0	02/20/26 00:37	
SM 2320B-2021	Alkalinity, Total as CaCO3	147	mg/L	5.0	02/20/26 00:37	
EPA 6020B	Cobalt	0.0014J	mg/L	0.0050	02/27/26 22:23	
92843702002	**HAM-MW-55**					
EPA 6020B	Cobalt	0.025	mg/L	0.0050	02/27/26 22:51	
92843702003	**HAM-MW-56**					
EPA 6020B	Cobalt	0.082	mg/L	0.0050	02/27/26 23:00	
92843702004	**HAM-MW-57**					
EPA 6020B	Cobalt	0.056	mg/L	0.0050	02/27/26 23:09	
92843702005	**HAM-MW-58**					
EPA 6020B	Cobalt	0.016	mg/L	0.0050	02/27/26 23:18	
92843702006	**HAM-MW-59**					
EPA 6020B	Cobalt	0.10	mg/L	0.0050	02/27/26 23:28	
92843702007	**HAM-AP2-FD-03**					
EPA 6020B	Cobalt	0.080	mg/L	0.0050	02/27/26 23:37	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-PT-01 **Lab ID: 92843702001** Collected: 02/10/26 12:18 Received: 02/11/26 14:25 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
2320B Alkalinity	Analytical Method: SM 2320B-2021								
	Pace Analytical Services - Asheville								
Alkalinity,Bicarbonate (CaCO3)	**147**	mg/L	5.0	5.0	1		02/20/26 00:37		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	5.0	1		02/20/26 00:37		
Alkalinity, Total as CaCO3	**147**	mg/L	5.0	5.0	1		02/20/26 00:37		
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A								
	Pace Analytical Services - West Columbia								
Cobalt	**0.0014J**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 22:23	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-MW-55 **Lab ID: 92843702002** Collected: 02/10/26 17:36 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								
Cobalt	**0.025**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 22:51	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-MW-56 **Lab ID: 92843702003** Collected: 02/10/26 09:10 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								
Cobalt	**0.082**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 23:00	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-MW-57 **Lab ID: 92843702004** Collected: 02/10/26 15:08 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								
Cobalt	**0.056**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 23:09	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-MW-58 **Lab ID: 92843702005** Collected: 02/10/26 16:45 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								
Cobalt	**0.016**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 23:18	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-MW-59 **Lab ID: 92843702006** Collected: 02/10/26 13:02 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								
Cobalt	**0.10**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 23:28	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-AP2-FD-03 **Lab ID: 92843702007** Collected: 02/10/26 00:00 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								
Cobalt	**0.080**	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 23:37	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-AP2-EB-03 **Lab ID: 92843702008** Collected: 02/10/26 12:40 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								
Cobalt	ND	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 23:46	7440-48-4	

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ANALYTICAL RESULTS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

Sample: HAM-AP2-FB-03 **Lab ID: 92843702009** Collected: 02/10/26 12:35 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								
Cobalt	ND	mg/L	0.0050	0.00012	1	02/16/26 11:52	02/27/26 23:55	7440-48-4	

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QUALITY CONTROL DATA

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

QC Batch: 991684
QC Batch Method: SM 2320B-2021
Analysis Method: SM 2320B-2021
Analysis Description: 2320B Alkalinity
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92843702001

METHOD BLANK: 5097806 Matrix: Water
Associated Lab Samples: 92843702001

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Alkalinity, Total as CaCO3	mg/L	ND	5.0	5.0	02/19/26 21:07	
Alkalinity,Bicarbonate (CaCO3)	mg/L	ND	5.0	5.0	02/19/26 21:07	
Alkalinity,Carbonate (CaCO3)	mg/L	ND	5.0	5.0	02/19/26 21:07	

LABORATORY CONTROL SAMPLE: 5097807

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

LABORATORY CONTROL SAMPLE: 5097808

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Alkalinity, Total as CaCO3	mg/L	50	51.5	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5097809 5097810

Parameter	Units	92843344021 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	31.6	50	50	80.0	80.1	97	97	80-120	0	25	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 5097811 5097812

Parameter	Units	92843344022 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	7.5	50	50	58.9	58.8	103	103	80-120	0	25	

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

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QUALITY CONTROL DATA

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

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: 92843702001, 92843702002, 92843702003, 92843702004, 92843702005, 92843702006, 92843702007, 92843702008, 92843702009

METHOD BLANK: 5092370
Matrix: Water
Associated Lab Samples: 92843702001, 92843702002, 92843702003, 92843702004, 92843702005, 92843702006, 92843702007, 92843702008, 92843702009

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Cobalt	mg/L	ND	0.0050	0.00012	02/27/26 19:27	

LABORATORY CONTROL SAMPLE: 5092371

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Cobalt	mg/L	0.1	0.10	105	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
Cobalt	mg/L	0.00014J	0.1	0.1	0.10	0.10	102	101	75-125	2	20	

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QUALIFIERS

Project: Plant Hammond-AP-2 (ACM)
Pace Project No.: 92843702

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: 92843702

[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-2 (ACM)
Pace Project No.: 92843702

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92843702001	**HAM-PT-01**	SM 2320B-2021	991684		
92843702001	**HAM-PT-01**	EPA 3005A	990678	EPA 6020B	994068
92843702002	**HAM-MW-55**	EPA 3005A	990678	EPA 6020B	994068
92843702003	**HAM-MW-56**	EPA 3005A	990678	EPA 6020B	994068
92843702004	**HAM-MW-57**	EPA 3005A	990678	EPA 6020B	994068
92843702005	**HAM-MW-58**	EPA 3005A	990678	EPA 6020B	994068
92843702006	**HAM-MW-59**	EPA 3005A	990678	EPA 6020B	994068
92843702007	**HAM-AP2-FD-03**	EPA 3005A	990678	EPA 6020B	994068
92843702008	**HAM-AP2-EB-03**	EPA 3005A	990678	EPA 6020B	994068
92843702009	**HAM-AP2-FB-03**	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 ☐ Me ☐ Atlanta ☑ Kernersville ☐

WO# : 92843702

92843702

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

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

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

Date/Initials Person Examining Contents: 2/11/26 CA

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: _____

Pace	DC#_Title: ENV-FRM-HUN1-0083 v05_Sample Condition Upon Receipt
	Effective Date: 05/24/2024

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

Project # **WO#: 92843702**
PM: BV Due Date: 02/26/26
CLIENT: 92- GP-HAM

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

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

pH Adjustment Log for Preserved Samples

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

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

Pace® Location Requested (City/State):
Pace Analytical Charlotte
9800 Kincey Ave. Suite 100, Huntersville, NC 28078

CHAIN-OF-CUSTODY Analytical Request Document

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

LAB USE ONLY- Affix Workorder/Login Label Here

Scan QR Code for instructions

Company Name: Georgia Power- Hammond
Street Address: 241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308
Customer Project #:
Project Name: Plant Hammond-(AP-2) ACM
Site Collection Info/Facility ID (as applicable):

Contact/Report To: Kristen Jurinko
Phone #: 470-217-0008
E-Mail: knjurink@southernco.com
Cc E-Mail:

Invoice To: Account Payable
Invoice E-Mail: georgiapowerinvoices@southernco.com
Purchase Order # (if applicable): GPC82474-0011
Quote #:

Time Zone Collected: [ ] AK [ ] PT [ ] MT [ ] CT [ ] ET

County / State origin of sample(s): Georgia

Data Deliverables:
[ ] Level II [ ] Level III [ ] Level IV
[ ] EQUIS
[ ] Other

Regulatory Program (DW, RCRA, etc.) as applicable: Reportable [ ] Yes [ ] No

Rush (Pre-approval required): [ ] Same Day [ ] 1 Day [ ] 2 Day [ ] 3 Day [ ] Other _____

DW PWSID # or WW Permit # as applicable:

Date Results Requested:

Field Filtered (if applicable): [ ] Yes [ ] No
Analysis:

Specify Container Size **

Identify Container Preservative Type***

Analysis Requested

**Container Size: (1) 1L, (2) 500mL, (3) 250mL, (4) 125mL, (5) 100mL, (6) 40mL vial, (7) EnCore, (8) TerraCore, (9) 90mL, (10) Other

*** Preservative Types: (1) None, (2) HNO3, (3) H2SO4, (4) HCl, (5) NaOH, (6) Zn Acetate, (7) NaHSO4, (8) Sod. Thiosulfate, (9) Ascorbic Acid, (10) MeOH, (11) Other

Lab Use Only:
Proj. Mgr: Bonnie Vang
AcctNum / Client ID:
Table #:
Profile / Template: 16483
Prelog / Bottle Ord. ID: EZ 3283456

* 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	2320B Alkalinity	6020 - Cobalt	Sample Comment	Preservation non-conformance identified for sample
HAM-PT-01	WG	Grab			2/10/2026	1218	2			X	X	Temp = 18 deg C	
HAM-MW-55	WG	Grab			2/10/2026	1736	1				X	Temp = 18 deg C	
HAM-MW-56	WG	Grab			2/10/2026	0910	1				X	Temp = 16 deg C	
HAM-MW-57	WG	Grab			2/10/2026	1508	1				X	Temp = 18 deg C	
HAM-MW-58	WG	Grab			2/10/2026	1645	1				X	Temp = 18 deg C	
HAM-MW-59	WG	Grab			2/10/2026	1302	1				X	Temp = 20 deg C	
HAM-AP2-FD-03	WG	Grab			2/10/2026	0000	1				X	Temp = 18 deg C	
HAM-AP2-EB-03	WQ	Grab	ZW 2/11/2026		2/10/2026	1240	1				X	Temp = 18 deg C	
HAM-AP2-FB-03	WQ	Grab			2/10/2026	1235	1	ZW 2/11/2026			X	Temp = 18 deg C	
ZW 2/11/2026												Last sample.	

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

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

Customer Remarks / Special Conditions / Possible Hazards:

Coolers: Thermometer ID: Correction Factor (°C): Obs. Temp (°C) Corrected Temp (°C) On Ice:

Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
S Weatherly / Georgia Power	2/11/2026 15:35	Ryan William / Pace	2/11/2026 1335
Ryan William / Pace	2/11/2026 1425	[illegible]	2/11/26 1425

Tracking Number:

Delivered by: [ ] In-Person [ ] Courier [ ] FedEx [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

ENV-FRM-CORO-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

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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	

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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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REPORT OF LABORATORY ANALYSIS

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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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REPORT OF LABORATORY ANALYSIS

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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	

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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

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REPORT OF LABORATORY ANALYSIS

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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)

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**

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	Preservation non-conformance identified for sample.
HAM-H+0.25	WS	G	02/02/26	1102			3			X	X	X	X	X		

Additional Instructions from Pace®:
HAM-CSURF-ASSMT-2026S1

Collected By: (Printed Name) Garrett 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:
Arcadis	02/03/26/0952		2/3/26 0952
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier
[ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace ANALYTICAL SERVICES

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

Effective Date: 05/24/2024

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/TZ (Circle one) 336122 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																													
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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 ☐ UPS ☐ USPS ☐ Pace ☐ Other:____ ☑ Client

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

Date/Initials Person Examining Contents: 2/3/26 CMT

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

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

Cooler Temp Corrected (°C): 4.8

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:** _____

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.: 92841742

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
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.:	92841742

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.: 92841742

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92841742001	**HAM-AP2-Up**	Water	02/02/26 12:41	02/03/26 09:52
92841742002	**HAM-AP2-Mid**	Water	02/02/26 12:21	02/03/26 09:52
92841742003	**HAM-AP2-Down**	Water	02/02/26 12:03	02/03/26 09:52
92841742004	**HAM-H+0.35**	Water	02/02/26 10:53	02/03/26 09:52
92841742005	**HAM-H+0.75**	Water	02/02/26 10:42	02/03/26 09:52

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Peachtree Corners, GA 30092
(770)734-4200

SAMPLE ANALYTE COUNT

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92841742001	**HAM-AP2-Up**	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
92841742002	**HAM-AP2-Mid**	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
92841742003	**HAM-AP2-Down**	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
92841742004	**HAM-H+0.35**	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
92841742005	**HAM-H+0.75**	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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Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

Sample: HAM-AP2-Up **Lab ID: 92841742001** Collected: 02/02/26 12:41 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)	**93.7**	mg/L	5.0	1		02/05/26 18:33		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 18:33		
Alkalinity, Total as CaCO3	**93.7**	mg/L	5.0	1		02/05/26 18:33		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**127**	mg/L	25.0	1		02/04/26 18:03		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**1.5**	mg/L	1.0	1		02/04/26 13:23	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 13:23	16984-48-8	
Sulfate	**7.2**	mg/L	1.0	1		02/04/26 13:23	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A							
	Pace Analytical Services - West Columbia							
Boron	ND	mg/L	0.040	1	02/04/26 13:01	02/06/26 16:52	7440-42-8	
Calcium	**38.5**	mg/L	2.0	5	02/04/26 13:01	02/09/26 15:12	7440-70-2	
Cobalt	ND	mg/L	0.0050	1	02/04/26 13:01	02/06/26 16:52	7440-48-4	
Magnesium	**3.6**	mg/L	0.050	1	02/04/26 13:01	02/06/26 16:52	7439-95-4	
Potassium	**0.78**	mg/L	0.40	1	02/04/26 13:01	02/06/26 16:52	7440-09-7	
Sodium	**1.7**	mg/L	0.40	1	02/04/26 13:01	02/06/26 16:52	7440-23-5	

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ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

Sample: HAM-AP2-Mid **Lab ID: 92841742002** Collected: 02/02/26 12:21 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)	**95.9**	mg/L	5.0	1		02/05/26 18:41		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 18:41		
Alkalinity, Total as CaCO3	**95.9**	mg/L	5.0	1		02/05/26 18:41		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**121**	mg/L	25.0	1		02/04/26 18:03		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**1.6**	mg/L	1.0	1		02/04/26 13:39	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 13:39	16984-48-8	
Sulfate	**8.3**	mg/L	1.0	1		02/04/26 13:39	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A							
	Pace Analytical Services - West Columbia							
Boron	ND	mg/L	0.040	1	02/04/26 13:01	02/06/26 17:02	7440-42-8	
Calcium	**42.8**	mg/L	2.0	5	02/04/26 13:01	02/09/26 15:21	7440-70-2	
Cobalt	ND	mg/L	0.0050	1	02/04/26 13:01	02/06/26 17:02	7440-48-4	
Magnesium	**3.6**	mg/L	0.050	1	02/04/26 13:01	02/06/26 17:02	7439-95-4	
Potassium	**0.62**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:02	7440-09-7	
Sodium	**1.7**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:02	7440-23-5	

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ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

Sample: HAM-AP2-Down **Lab ID: 92841742003** Collected: 02/02/26 12:03 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)	**94.9**	mg/L	5.0	1		02/05/26 18:48		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 18:48		
Alkalinity, Total as CaCO3	**94.9**	mg/L	5.0	1		02/05/26 18:48		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**122**	mg/L	25.0	1		02/04/26 18:03		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**1.6**	mg/L	1.0	1		02/04/26 13:55	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 13:55	16984-48-8	
Sulfate	**8.4**	mg/L	1.0	1		02/04/26 13:55	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A							
	Pace Analytical Services - West Columbia							
Boron	ND	mg/L	0.040	1	02/04/26 13:01	02/06/26 17:11	7440-42-8	
Calcium	**40.9**	mg/L	2.0	5	02/04/26 13:01	02/09/26 15:30	7440-70-2	
Cobalt	ND	mg/L	0.0050	1	02/04/26 13:01	02/06/26 17:11	7440-48-4	
Magnesium	**3.5**	mg/L	0.050	1	02/04/26 13:01	02/06/26 17:11	7439-95-4	
Potassium	**0.63**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:11	7440-09-7	
Sodium	**1.8**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:11	7440-23-5	

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Peachtree Corners, GA 30092
(770)734-4200

ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

Sample: HAM-H+0.35 **Lab ID: 92841742004** Collected: 02/02/26 10:53 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)	**62.3**	mg/L	5.0	1		02/05/26 18:56		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 18:56		
Alkalinity, Total as CaCO3	**62.3**	mg/L	5.0	1		02/05/26 18:56		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**108**	mg/L	25.0	1		02/04/26 18:03		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**8.2**	mg/L	1.0	1		02/04/26 14:11	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 14:11	16984-48-8	
Sulfate	**11.1**	mg/L	1.0	1		02/04/26 14:11	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A							
	Pace Analytical Services - West Columbia							
Boron	**0.063**	mg/L	0.040	1	02/04/26 13:01	02/06/26 17:20	7440-42-8	
Calcium	**19.1**	mg/L	0.40	1	02/04/26 13:01	02/09/26 15:40	7440-70-2	
Cobalt	ND	mg/L	0.0050	1	02/04/26 13:01	02/06/26 17:20	7440-48-4	
Magnesium	**5.0**	mg/L	0.050	1	02/04/26 13:01	02/06/26 17:20	7439-95-4	
Potassium	**2.1**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:20	7440-09-7	
Sodium	**7.7**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:20	7440-23-5	

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ANALYTICAL RESULTS

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

Sample: HAM-H+0.75 **Lab ID: 92841742005** Collected: 02/02/26 10:42 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)	**61.0**	mg/L	5.0	1		02/05/26 19:02		
Alkalinity,Carbonate (CaCO3)	ND	mg/L	5.0	1		02/05/26 19:02		
Alkalinity, Total as CaCO3	**61.0**	mg/L	5.0	1		02/05/26 19:02		
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020							
	Pace Analytical Services - Asheville							
Total Dissolved Solids	**112**	mg/L	25.0	1		02/04/26 18:03		
9056 IC anions 28 Days	Analytical Method: EPA 9056A							
	Pace Analytical Services - Asheville							
Chloride	**7.9**	mg/L	1.0	1		02/04/26 14:27	16887-00-6	
Fluoride	ND	mg/L	0.10	1		02/04/26 14:27	16984-48-8	
Sulfate	**11.2**	mg/L	1.0	1		02/04/26 14:27	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 17:29	7440-42-8	
Calcium	**19.1**	mg/L	0.40	1	02/04/26 13:01	02/09/26 15:49	7440-70-2	
Cobalt	ND	mg/L	0.0050	1	02/04/26 13:01	02/06/26 17:29	7440-48-4	
Magnesium	**5.1**	mg/L	0.050	1	02/04/26 13:01	02/06/26 17:29	7439-95-4	
Potassium	**2.1**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:29	7440-09-7	
Sodium	**8.0**	mg/L	0.40	1	02/04/26 13:01	02/06/26 17:29	7440-23-5	

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

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: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

METHOD BLANK: 5082268 Matrix: Water
Associated Lab Samples: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

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.: 92841742

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: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

METHOD BLANK: 5080751
Matrix: Water
Associated Lab Samples: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

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.: 92841742

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: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

METHOD BLANK: 5080759
Matrix: Water
Associated Lab Samples: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

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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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

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: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

METHOD BLANK: 5080945
Matrix: Water
Associated Lab Samples: 92841742001, 92841742002, 92841742003, 92841742004, 92841742005

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	
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	
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
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.: 92841742

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

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

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Plant Hammond/CCR-Ash Pond
Pace Project No.: 92841742

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92841742001	**HAM-AP2-Up**	SM 2320B-2021	988870		
92841742002	**HAM-AP2-Mid**	SM 2320B-2021	988870		
92841742003	**HAM-AP2-Down**	SM 2320B-2021	988870		
92841742004	**HAM-H+0.35**	SM 2320B-2021	988870		
92841742005	**HAM-H+0.75**	SM 2320B-2021	988870		
92841742001	**HAM-AP2-Up**	SM 2540C-2020	988541		
92841742002	**HAM-AP2-Mid**	SM 2540C-2020	988541		
92841742003	**HAM-AP2-Down**	SM 2540C-2020	988541		
92841742004	**HAM-H+0.35**	SM 2540C-2020	988541		
92841742005	**HAM-H+0.75**	SM 2540C-2020	988541		
92841742001	**HAM-AP2-Up**	EPA 9056A	988544		
92841742002	**HAM-AP2-Mid**	EPA 9056A	988544		
92841742003	**HAM-AP2-Down**	EPA 9056A	988544		
92841742004	**HAM-H+0.35**	EPA 9056A	988544		
92841742005	**HAM-H+0.75**	EPA 9056A	988544		
92841742001	**HAM-AP2-Up**	EPA 3005A	988592	EPA 6020B	989480
92841742002	**HAM-AP2-Mid**	EPA 3005A	988592	EPA 6020B	989480
92841742003	**HAM-AP2-Down**	EPA 3005A	988592	EPA 6020B	989480
92841742004	**HAM-H+0.35**	EPA 3005A	988592	EPA 6020B	989480
92841742005	**HAM-H+0.75**	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# : 92841742

92841742

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-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)

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**

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 only	App. III Metals - B, Ca	Metals - K, Mg, Na	Alkalinity (Total/Bicarb), Cl, F, SO4	TDS	Sample Comment	Preservation non-conformance identified for sample.
HAM-AP2-Up	WS	G	02/02/26	1241			3			X	X	X	X	X		
HAM-AP2-Mid	WS	G	02/02/26	1221			3			X	X	X	X	X		
HAM-AP2-Down	WS	G	02/02/26	1203			3			X	X	X	X	X		
HAM-H+0.35	WS	G	02/02/26	1053			3			X	X	X	X	X		
HAM-H+0.75	WS	G	02/02/26	1042			3			X	X	X	X	X		

Additional Instructions from Pace®:
HAM-CSURF-ASSMT-2026S1

Collected By: (Printed Name) Garrett 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:
Arcadis	02/03/26 1052		2/3/26 0952
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:
Relinquished by/Company: (Signature)	Date/Time:	Received by/Company: (Signature)	Date/Time:

Tracking Number:

Delivered by: [ ] In- Person [ ] Courier [ ] FedEX [ ] UPS [ ] Other

Page: 1 of 1

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace® Terms and Conditions found at https://www.pacelabs.com/resource-library/resource/pace-terms-and-conditions/

Pace ANALYTICAL SERVICES

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

Effective Date: 05/24/2024

WO#: 92841742
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) 5361122 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			AS				WC																						
1			2				1 ✓																						
2			2				1 ✓																						
3			2				1 ✓																						
4			2				1 ✓																						
5			2				1 ✓																						
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#: 92841742
PM: MP Due Date: 02/10/26
CLIENT: GA-ArcadAtl

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

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

Date/Initials Person Examining Contents: 2/3/26 CMT

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

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

Cooler Temp Corrected (°C): 4.8

USDA Regulated Soil (☐ N/A, water sample)
Did samples originate in a quarantine zone within the United States: CA, NY, or SC (check maps)? ☐ Yes ☐ No

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: **Date:**

Project Manager SRF Review: **Date:**

VALIDATION REPORTS

Geosyntec consultants

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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.

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

Geosyntec consultants

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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: 1 June 2026

To: Caroline Nelson

From: Derek Yeadon

CC: Kristoffer Henderson

Subject: Stage 2A Data Validation - Level II Data Deliverable – Pace Project Number 92842453

SITE: Plant Hammond AP-2

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of fourteen water samples, one field duplicate, one field blank, and one equipment blank, collected on 3-7 February 2026, as part of the Plant Hammond AP-2 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 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
92842453001	HAM-HGWA-4
92842453002	HAM-HGWA-5
92842453003	HAM-HGWA-6
92842453004	HAM-HGWA-42D
92842453005	HAM-HGWC-14
92842453006	HAM-HGWC-15
92842453007	HAM-HGWC-16
92842453008	HAM-HGWC-17
92842453009	HAM-HGWC-18

Laboratory IDs	Client IDs
92842453010	HAM-MW-21D
92842453011	HAM-MW-33
92842453012	HAM-MW-34D
92842453013	HAM-MW-35
92842453014	HAM-MW-51
92842453015	HAM-AP2-FD-01
92842453016	HAM-AP2-EB-01
92842453017	HAM-AP2-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). Sample set specific MS/MSD pairs were reported using samples HAM-HGWA-42D and HAM-HGWC-14. The recovery and relative percent difference (RPD) results were within the laboratory specified acceptance criteria, with the following exceptions.

The magnesium recovery in the MSD and the calcium and sodium recoveries in the MS/MSD pair using sample HAM-HGWA-42D were low and outside the laboratory specified acceptance criteria. Since the calcium, magnesium, and sodium results in sample HAM-HGWA-42D were greater than four times the spike concentrations, no qualifications were applied to the data.

The boron recovery in the MSD and the calcium recoveries in the MS/MSD pair using sample HAM-HGWC-14 were low and outside the laboratory specified acceptance criteria. Since the boron and calcium results in sample HAM-HGWC-14 were greater than four times the spike concentrations, no qualifications were applied to the data.

The boron recovery in the MS and the magnesium, potassium, and sodium recoveries in the MS/MSD pair using sample HAM-HGWC-14 were high and outside the laboratory specified acceptance criteria. Since the boron, magnesium, potassium, and sodium results in sample HAM-HGWC-14 were greater than four times the spike concentrations, no qualifications were applied to the data.

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

1.5 Laboratory Control Sample

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-AP2-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 (0.00041 milligrams per liter [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 the associated samples were U qualified as not detected at the RLs. Since chromium was not detected in samples HAM-AP2-EB-01, HAM-HGWA-42D, and HAM-HGWA-6, no qualifications were applied to these samples.

Lithium (0.00151 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in HAM-AP2-FB-01. Therefore, the estimated lithium results in samples HAM-HGWA-4, HAM-HGWC-14, HAM-MW-21D, and HAM-MW-33 were U qualified as not detected at the RLs, and the detected lithium results in the associated samples greater than the RL and less than five times the field blank concentration were J+ qualified as estimated with high bias. Since lithium was not detected in sample HAM-AP2-EB-01, no qualifications were applied to this sample.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-AP2-FD-01	Chromium	0.00033	J	0.0050	U	BF1
HAM-HGWA-4	Chromium	0.00056	J	0.0050	U	BF1
HAM-HGWA-5	Chromium	0.00044	J	0.0050	U	BF1
HAM-HGWC-14	Chromium	0.00027	J	0.0050	U	BF1
HAM-HGWC-15	Chromium	0.00033	J	0.0050	U	BF1
HAM-HGWC-16	Chromium	0.00054	J	0.0050	U	BF1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-HGWC-17	Chromium	0.00032	J	0.0050	U	BF1
HAM-HGWC-18	Chromium	0.00031	J	0.0050	U	BF1
HAM-MW-21D	Chromium	0.00024	J	0.0050	U	BF1
HAM-MW-33	Chromium	0.00025	J	0.0050	U	BF1
HAM-MW-34D	Chromium	0.00039	J	0.0050	U	BF1
HAM-MW-35	Chromium	0.00024	J	0.0050	U	BF1
HAM-MW-51	Chromium	0.00026	J	0.0050	U	BF1
HAM-HGWA-4	Lithium	0.00164	J	0.00200	U	BF1
HAM-HGWA-5	Lithium	0.00330	NA	0.00330	J+	BF2
HAM-HGWC-14	Lithium	0.00104	J	0.00200	U	BF1
HAM-HGWC-16	Lithium	0.00374	NA	0.00374	J+	BF2
HAM-MW-21D	Lithium	0.00107	J	0.00200	U	BF1
HAM-MW-33	Lithium	0.00148	J	0.00200	U	BF1
HAM-MW-34D	Lithium	0.00281	NA	0.00281	J+	BF2
HAM-MW-35	Lithium	0.00260	NA	0.00260	J+	BF2

mg/L: milligrams per liter
J: estimated concentration greater than the method detection limit and less than the reporting limit
NA: not applicable
* 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-AP2-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWC-15, with the following exception.

Lithium was detected in sample HAM-HGWC-15 at a concentration greater than the RL and not detected in the field duplicate, resulting in a non-calculable RPD between results. Since the absolute difference between the results was greater than the RL, and based on professional and technical judgement, the analyte concentration in sample HAM-HGWC-15 was J qualified as estimated and the non-detect analyte result in the field duplicate was UJ qualified as less than the estimated MDL. The final qualification for the lithium result for sample HAM-HGWC-15 is J qualified as estimated.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-AP2-FD-01	Lithium	0.000600	U	NC	0.000600	UJ	FD2

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	RPD	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-HGWC-15	Lithium	0.0106	NA		0.0106	J	FD2

mg/L: milligrams per liter
U: not detected at or above the method detection limit
NA: not applicable
* 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

1.8 Equipment Blank

One equipment blank, HAM-AP2-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, with the following exception.

Mercury (0.00017 mg/L) was detected at an estimated concentration greater than the MDL and less than the RL in the method blank in batch 990409. Therefore, the detected mercury result in sample HAM-HGWC-18 was J+ qualified as estimated with high bias, and the estimated mercury results in the remaining associated samples were U qualified as not detected at the RLs. Since mercury was not detected in samples HAM-HGWA-4, HAM-HGWA-42D, HAM-HGWA-5, and HAM-HGWA-6, no qualifications were applied to these samples.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-AP2-EB-01	Mercury	0.000093	J,B	0.0050	U	BL1
HAM-AP2-FB-01	Mercury	0.000092	J,B	0.0050	U	BL1
HAM-AP2-FD-01	Mercury	0.00012	J,B	0.0050	U	BL1
HAM-HGWC-14	Mercury	0.00012	J,B	0.0050	U	BL1
HAM-HGWC-15	Mercury	0.00014	J,B	0.0050	U	BL1
HAM-HGWC-16	Mercury	0.00012	J,B	0.0050	U	BL1
HAM-HGWC-17	Mercury	0.00012	J,B	0.0050	U	BL1
HAM-HGWC-18	Mercury	0.00029	B	0.00029	J+	BL2
HAM-MW-21D	Mercury	0.00012	J,B	0.0050	U	BL1
HAM-MW-33	Mercury	0.00017	J,B	0.0050	U	BL1
HAM-MW-34D	Mercury	0.00011	J,B	0.0050	U	BL1
HAM-MW-35	Mercury	0.00017	J,B	0.0050	U	BL1

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-MW-51	Mercury	0.00011	J,B	0.0050	U	BL1

mg/L: milligrams per liter
J: estimated concentration greater than the method detection limit and less than the reporting limit
B: laboratory flag indicating the compound was found in both the blank and the sample
* Validation qualifiers are defined in Attachment 1 at the end of this report
**EQuIS Data Qualification Module Reason codes are defined in Attachment 2 at the end of this report

2.4 Matrix Spike/Matrix Spike Duplicate

MS/MSD pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). A sample set specific MS/MSD pair was reported using sample HAM-HGWC-16. The recovery and RPD results were within the laboratory specified acceptance criteria.

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

2.5 Laboratory Control Sample

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

2.6 Field Blank

One field blank, HAM-AP2-FB-01, was collected with the sample set.

Mercury was detected in the field blank at an estimated concentration greater than the MDL and less than the RL. Since the associated samples were qualified due to method blank contamination, no additional qualifications were applied to the data.

2.7 Field Duplicate

One field duplicate, HAM-AP2-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWC-15.

2.8 Equipment Blank

One equipment blank, HAM-AP2-EB-01, was collected with the sample set.

Mercury was detected in the equipment blank at an estimated concentration greater than the MDL and less than the RL. Since the associated samples were qualified due to method blank contamination, no additional qualifications were applied to the data.

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 Time
✓ 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 Time

The holding time for the anions (fluoride, chloride, sulfate) analysis of a water sample is 28 days from sample collection to analysis. The holding time for the alkalinity analysis of a water sample is 14 days from sample collection to analysis. The holding time for the TDS analysis of a water sample is 7 days from sample collection to analysis. The holding times were met for the sample analyses.

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/MSD pairs were analyzed at the proper frequency for the number and types of samples analyzed (one per batch of 20 samples). Sample set specific MS/MSD pairs were reported for anions using samples HAM-HGWA-6 and HAM-MW-34D. The recovery and RPD results were within the laboratory specified acceptance criteria, with the following exceptions.

The chloride, fluoride, and sulfate recoveries in the MS/MSD pair using sample HAM-MW-34D were low and outside the laboratory specified acceptance criteria. Therefore, the chloride and fluoride results in sample HAM-MW-34D were J- qualified as estimated with low bias. Since the fluoride result was estimated greater than the MDL and less than the RL, the combination of the nondirectional J qualification and directional J qualification resulted in a final qualification of J as estimated. Since the sulfate result in sample HAM-MW-34D was greater than four times the spike concentration, no qualifications were applied to the sulfate data.

Sample ID	Compound	Laboratory Result (mg/L)	Laboratory Flag	Validation Result (mg/L)	Validation Qualifier*	DQM Reason Code**
HAM-MW-34D	Fluoride	0.074	J,M1	0.074	J	MS1
HAM-MW-34D	Chloride	71.8	M1	71.8	J-	MS1

mg/L: milligrams per liter
J: estimated concentration greater than the method detection limit and less than the reporting limit
M1: Matrix spike recovery exceeded QC 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

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

Sample set specific laboratory duplicates were reported for TDS using samples HAM-HGWA-6, HAM-MW-33, and HAM-MW-51. The RPD results were within the laboratory specified acceptance criteria.

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

3.7 Field Blank

One field blank, HAM-AP2-FB-01, was collected with the sample set. The wet chemistry parameters were not detected in the field blank at or above the MDLs.

3.8 Field Duplicate

One field duplicate, HAM-AP2-FD-01, was collected with the sample set. Acceptable precision (RPD ≤ 30%) was demonstrated between the field duplicate and the original sample, HAM-HGWC-15.

3.9 Equipment Blank

One equipment blank, HAM-AP2-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

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* * * * *

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

DATA QUALIFIER DEFINITIONS

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

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

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

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL

DQM Reason Code	Description
BL2	assoc. result > RL < mult.
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1

DQM Reason Code	Description
DL	Dilution Factor > 1
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION

DQM Reason Code	Description
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out
NP1	Non-Preferred Result
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT

DQM Reason Code	Description
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

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Memorandum

Date: 17 June 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 92842456 Revision 2

SITE: Plant Hammond AP-2

INTRODUCTION

This report summarizes the findings of the Stage 2A data validation of fourteen water samples, one field duplicate, one field blank, and one equipment blank, collected on 3-7 February 2026, as part of the Plant Hammond AP-2 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
92842456001	HAM-HGWA-4
92842456002	HAM-HGWA-5
92842456003	HAM-HGWA-6
92842456004	HAM-HGWA-42D
92842456005	HAM-HGWC-14
92842456006	HAM-HGWC-15
92842456007	HAM-HGWC-16
92842456008	HAM-HGWC-17
92842456009	HAM-HGWC-18

Laboratory IDs	Client IDs
92842456010	HAM-MW-21D
92842456011	HAM-MW-33
92842456012	HAM-MW-34D
92842456013	HAM-MW-35
92842456014	HAM-MW-51
92842456016	HAM-AP2-FD-01
92842456017	HAM-AP2-EB-01
92842456018	HAM-AP2-FB-01

No sample preservation issues were noted by the laboratory.

The laboratory report was revised on 06/03/2026 to add missing Quality Control Sample Performance Assessment sheet. The laboratory report was identified as 92842456, Revision 1.

The laboratory report was revised on 06/15/2026 to add missing Quality Control Sample Performance Assessment sheet. The laboratory report was identified as 92842456, Revision 2.

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 samples HAM-HGWC-18, HAM-MW-33, and HAM-MW-35 was reported as not detected for the calculated, combined radium-226 and radium-228. Since either radium-226 or radium-228 was detected in samples HAM-HGWC-18, HAM-MW-33, and HAM-MW-35 at concentrations greater than the MDC, and based on professional and technical judgment, the total radium concentrations in samples HAM-HGWC-18, HAM-MW-33, and HAM-MW-35 was reported as a detection and the laboratory flag "U" was removed.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
HAM-HGWC-18	Combined Radium 226 + 228	1.46	U	1.46	NA	RO1
HAM-MW-33	Combined Radium 226 + 228	1.40	U	1.40	NA	RO1
HAM-MW-35	Combined Radium 226 + 228	1.37	U	1.37	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 minimum detectable concentration (MDC), with the following exceptions.

Radium-228 (0.934 pCi/L) was detected in the method blank in batch 799528 at a concentration greater than the MDC. Therefore, the radium-228 concentration with a mean difference less than 2 in sample HAM-HGWA-4 was UJ qualified as not statistically distinguishable from the blank. In addition, the combined radium 226 + 228 concentration for sample HAM-HGWA-4 was UJ qualified as not statistically distinguishable from the blank.

Radium-228 (0.737 pCi/L) was detected in the method blank in batch 799531 at a concentration greater than the MDC. Therefore, the radium-228 concentrations with a mean difference greater than 2 and a concentration less than ten times the method blank concentration for radium-228 in the associated sample HAM-HGWA-5 was J qualified as estimated. In addition, the combined radium 226 + 228 concentration for sample HAM-HGWA-5 was J qualified as estimated.

Sample ID	Compound	Laboratory Result (pCi/L)	Laboratory Flag	Validation Result (pCi/L)	Validation Qualifier*	Reason Code**
HAM-HGWA-4	Radium-228	1.05	NA	1.05	UJ	BC1
HAM-HGWA-4	Combined Radium 226 + 228	1.51	NA	1.51	UJ	BC1
HAM-HGWA-5	Radium-228	1.50	NA	1.50	J	BC1
HAM-HGWA-5	Combined Radium 226 + 228	1.55	NA	1.55	J	BC1

pCi/L-picocuries per liter
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

1.4 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 laboratory specified acceptance criteria.

1.8 Field Blank

One field blank, HAM-AP2-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.

1.9 Equipment Blank

One equipment blank, HAM-AP2-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.

1.10 Field Duplicate

One field duplicate sample, HAM-AP2-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-15.

1.11 Sensitivity

The samples were reported to the MDCs. No elevated non-detect results were reported.

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

DATA QUALIFIER DEFINITIONS

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

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

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

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

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

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

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

DQM Reason Code	Description
AB1	> Samples in batch
AB2	QC sample missing
AB3	Batch analysis time exceeded
BAH	Contamination detected in the Ambient Blank greater than or equal to the Quantitation Limit.
BAL	Contamination detected in the Ambient Blank less than the Quantitation Limit.
BC	Calibration blank contamination
BC1	assoc. result < RL
BC2	assoc. result > RL < mult.
BC3	assoc. result > RL > mult.
BEH	Contamination detected in the Equipment Blank greater than or equal to the Quantitation Limit.
BEL	Contamination detected in the Equipment Blank less than the Quantitation Limit.
BF	Field blank contamination
BF1	assoc. result < RL
BF2	assoc. result > RL < mult.
BF3	assoc. result > RL > mult.
BFH	Contamination detected in the Field Blank greater than or equal to the Quantitation Limit.
BFL	Contamination detected in the Field Blank less than the Quantitation Limit.
BL	Laboratory blank contamination
BL1	assoc. result < RL
BL2	assoc. result > RL < mult.

DQM Reason Code	Description
BL3	assoc. result > RL > mult.
BLH	Contamination detected in the Lab Blank greater than or equal to the Quantitation Limit.
BLL	Contamination detected in the Lab Blank less than the Quantitation Limit.
BT	Trip blank contamination
BT1	assoc. result < RL
BT2	assoc. result > RL < mult.
BT3	assoc. result > RL > mult.
BTH	Contamination detected in the Trip Blank greater than or equal to the Quantitation Limit.
BTL	Contamination detected in the Trip Blank less than the Quantitation Limit.
CA1	Column difference
CC1	CCV %D
CC2	CCV %R
CC3	CCV RRF
CI1	IC RSD
CI2	IC RRF
CR1	Calibration range
CV1	ICV or CCV %D
CV2	ICV or CCV %R
CV3	ICV CCV RRF
DF1	Dilution Factor > 1
DL	Dilution Factor > 1

DQM Reason Code	Description
DVT1	The Dissolved Result > Total Result and the absolute difference > the AD_MULTIPLIER_CL * Detection Limit
DVT2	The Dissolved Result > Total Result and the absolute difference > AD_MULTIPLIER_UCO * Detection Limit
DVT3	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_CL
DVT4	The Dissolved Result > Total Result and the relative percent difference (RPD) > RPD_UCO
ER1	MDL=<RESULT<RL (INORGANIC)
ER2	MDL=<RESULT<RL (ORGANIC)
FBC1	BLANK CONTAMINATION
FBC2	RESULT < BLANK * MULTIPLIER
FBC3	RESULT > BLANK * MULTIPLIER
FD1	Field duplicate RPD
FD2	Field duplicate abs. diff.
GHT1	GROSS_QUALIFIER_HIT
GHT2	GROSS_QUALIFIER_NON_DETECT
HP1	Hydrocarbon pattern
HT1	Holding time samp. to preservation
HT2	Holding time samp. to analysis
HT3	Holding time gros. samp. to pres.
HT4	Holding time gros. samp. to analysis
IS1	Internal standard
LBC1	BLANK CONTAMINATION

DQM Reason Code	Description
LBC2	RESULT < BLANK * MULTIPLIER
LBC3	RESULT > BLANK * MULTIPLIER
LD1	Lab duplicate RPD
LD2	Lab duplicate abs. diff.
LS1	LS %R
LS2	LS RPD
MS1	MS %R
MS2	MS RPD
MS3	Parent >4x spike
MS4	Spike diluted out
NP1	Non-Preferred Result
NR1	NUMERIC RESULTS
OT1	Other quality issue
PS1	BETWEEN CONTROL AND WARNING LIMITS
PS2	INVALID
PS3	LESS THAN LOWER CONTROL LIMIT
PS4	LESS THAN LOWER WARNING LIMIT
PT1	The preservative for this test id does not match the required preservative in RT_HOLDING_TIME.
RDL1	EXCEEDS REQUIRED DETECTION LIMIT
RL1	ND > project limit
RO1	Other rad. issue
RPD1	LCS/LCSD
RPD2	LCS/LCSD_NON_DETECT
RPD3	MS/MSD
RPD4	MS/MSD_NON_DETECT

DQM Reason Code	Description
RPD5	Orig/Dup
RPD6	Orig/Dup_NON_DETECT
RPDF1	FIELD DUPLICATE
RPDF2	FIELD DUPLICATE NON_DETECT
RQ1	Rad. quantitation issue
RR1	Repeated result same method
RR2	Repeated result diff. method
RSD1	RSD exceeds CL for LCS sample
RSD2	RSD exceeds CL for MS sample
RSD3	RSD exceeds CL for Lab sample
RSD4	RSD exceeds CL for Field sample
RY1	Tracer or carrier
SD1	Serial dilution
SO1	High moisture
SO2	Wet weight
SP1	Preservation, temp
SP2	Preservation, pH
SP3	Preservation, headspace
SPR1	BLANK SPIKE > UCL
SPR10	EarthSoft.DQM.SpikeRecovery2
SPR11	EarthSoft.DQM.SpikeRecovery2
SPR12	EarthSoft.DQM.SpikeRecovery2
SPR2	INORGANIC SPIKE > UCL
SPR3	ORGANIC SPIKE > UCL
SPR4	LCL > BLANK > LOW_CUTOFF
SPR5	LCL > INORG > LOW_CUTOFF
SPR6	LCL > ORG > LOW_CUTOFF
SPR7	BLANK SPIKE < LOW_CUTOFF

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

DQM Reason Code	Description
VSU1	INVALID SAMPLE UNIT TYPE
VSU2	MISSING SAMPLE UNIT TYPE

DQM Reason Code	Description
VSU3	NON-DEFAULT RESULT UNIT

AD-Absolute Difference
CCV-Continuous Calibration Verification
CL-Control Limit
%D-Percent Difference
IC-Initial Calibration
ICV-Initial Calibration Verification
INORG-Inorganic
LCL-Lower Control Limit
LCS-Laboratory Control Spike
LCSD-Laboratory Control Spike Duplicate
LS-Laboratory Spike
MDL-Method Detection Limit
MS-Matrix Spike
MSD-Matrix Spike Duplicate
ND-Not Detected
ORG-Organic
QC-Quality Control
%R-Percent Recovery
REC-Recovery
RL-Reporting Limit
RPD-Relative Percent Difference
RRF-Relative Response Factor
RSD-Relative Standard Deviation
UCL-Upper Control Limit
UCO-Upper Cut Off

FIELD SAMPLING REPORTS

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.

Created using VuSitu from In-Situ, Inc.

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.

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.

Created using VuSitu from In-Situ, Inc.

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 4:56:58 PM
Project: GP-Plant Hammond
Operator Name: Z. Webb

Location Name: MW-55 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.20 ft** **Total Depth: 26.20 ft** **Initial Depth to Water: 17.24 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 21.20 ft** **Estimated Total Volume Pumped: 6 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 1.03 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283118**

Test Notes:
One bottle: Metals.

Weather Conditions:
Clear, 65 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/10/2026 4:56 PM	00:00	6.636 pH	17.82 °C	895.5 µS/cm	1.810 mg/L	3.190 NTU	111.7 mV	18.12 ft	150.0 ml/min
2/10/2026 5:01 PM	05:00	6.586 pH	17.79 °C	979.7 µS/cm	1.448 mg/L	3.310 NTU	84.6 mV	18.16 ft	150.0 ml/min
2/10/2026 5:06 PM	10:00	6.508 pH	17.90 °C	1,212 µS/cm	0.737 mg/L	3.120 NTU	32.1 mV	18.20 ft	150.0 ml/min
2/10/2026 5:11 PM	15:00	6.481 pH	17.96 °C	1,302 µS/cm	0.516 mg/L	3.800 NTU	25.6 mV	18.22 ft	150.0 ml/min
2/10/2026 5:16 PM	20:00	6.471 pH	17.99 °C	1,324 µS/cm	0.429 mg/L	4.240 NTU	24.5 mV	18.24 ft	150.0 ml/min
2/10/2026 5:21 PM	25:00	6.468 pH	17.99 °C	1,337 µS/cm	0.378 mg/L	4.170 NTU	22.6 mV	18.25 ft	150.0 ml/min
2/10/2026 5:26 PM	30:00	6.459 pH	17.99 °C	1,334 µS/cm	0.330 mg/L	3.880 NTU	22.1 mV	18.26 ft	150.0 ml/min
2/10/2026 5:31 PM	35:00	6.450 pH	17.99 °C	1,351 µS/cm	0.289 mg/L	3.610 NTU	22.3 mV	18.27 ft	150.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-55	Grab.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 8:30:26 AM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: MW-56 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 14.27 ft** **Total Depth: 24.27 ft** **Initial Depth to Water: 11.10 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 19.27 ft** **Estimated Total Volume Pumped: 8 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
One bottle: Metals.

Weather Conditions:
Clear, 40 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/10/2026 8:30 AM	00:00	5.601 pH	11.40 °C	1,762 µS/cm	3.827 mg/L	4.980 NTU	201.6 mV	11.15 ft	200.0 ml/min
2/10/2026 8:35 AM	05:00	5.573 pH	15.39 °C	1,607 µS/cm	0.456 mg/L	2.840 NTU	310.4 mV	11.16 ft	200.0 ml/min
2/10/2026 8:40 AM	10:00	5.553 pH	15.69 °C	1,626 µS/cm	0.257 mg/L	1.480 NTU	221.5 mV	11.15 ft	200.0 ml/min
2/10/2026 8:45 AM	15:00	5.526 pH	15.75 °C	1,635 µS/cm	0.434 mg/L	2.570 NTU	224.7 mV	11.16 ft	200.0 ml/min
2/10/2026 8:50 AM	20:00	5.516 pH	15.84 °C	1,641 µS/cm	0.499 mg/L	1.980 NTU	264.2 mV	11.15 ft	200.0 ml/min
2/10/2026 8:55 AM	25:00	5.512 pH	15.95 °C	1,643 µS/cm	0.450 mg/L	2.730 NTU	274.4 mV	11.16 ft	200.0 ml/min
2/10/2026 9:00 AM	30:00	5.502 pH	15.93 °C	1,650 µS/cm	0.455 mg/L	2.220 NTU	280.5 mV	11.16 ft	200.0 ml/min
2/10/2026 9:05 AM	35:00	5.498 pH	16.15 °C	1,657 µS/cm	0.442 mg/L	2.120 NTU	281.0 mV	11.16 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-56	Grab.
HAM-AP2-FD-03	Grab.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 1:13:45 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: MW-57 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 14.18 ft** **Total Depth: 24.18 ft** **Initial Depth to Water: 12.07 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 19.18 ft** **Estimated Total Volume Pumped: 22 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.06 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
One bottle: Metals.

Weather Conditions:
Clear, 60 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/10/2026 1:13 PM	00:00	4.564 pH	19.85 °C	1,313 µS/cm	2.891 mg/L	0.690 NTU	162.1 mV	12.14 ft	200.0 ml/min
2/10/2026 1:18 PM	05:00	4.474 pH	17.72 °C	1,329 µS/cm	1.111 mg/L	0.060 NTU	229.9 mV	12.13 ft	200.0 ml/min
2/10/2026 1:23 PM	10:00	4.483 pH	17.69 °C	1,337 µS/cm	1.019 mg/L	0.390 NTU	236.9 mV	12.14 ft	200.0 ml/min
2/10/2026 1:28 PM	15:00	4.491 pH	17.64 °C	1,363 µS/cm	0.930 mg/L	0.410 NTU	235.3 mV	12.15 ft	200.0 ml/min
2/10/2026 1:33 PM	20:00	4.512 pH	17.65 °C	1,384 µS/cm	0.888 mg/L	0.200 NTU	235.9 mV	12.15 ft	200.0 ml/min
2/10/2026 1:38 PM	25:00	4.575 pH	17.63 °C	1,363 µS/cm	0.884 mg/L	0.510 NTU	232.8 mV	12.15 ft	200.0 ml/min
2/10/2026 1:43 PM	30:00	4.648 pH	17.72 °C	1,336 µS/cm	0.843 mg/L	0.370 NTU	225.2 mV	12.15 ft	200.0 ml/min
2/10/2026 1:48 PM	35:00	4.700 pH	17.74 °C	1,384 µS/cm	0.805 mg/L	0.760 NTU	216.1 mV	12.16 ft	200.0 ml/min
2/10/2026 1:53 PM	40:00	4.771 pH	17.72 °C	1,338 µS/cm	0.752 mg/L	0.440 NTU	206.1 mV	12.14 ft	200.0 ml/min
2/10/2026 1:58 PM	45:00	4.863 pH	17.66 °C	1,364 µS/cm	0.725 mg/L	0.560 NTU	203.8 mV	12.15 ft	200.0 ml/min
2/10/2026 2:03 PM	50:00	5.072 pH	17.66 °C	1,372 µS/cm	0.710 mg/L	0.640 NTU	184.4 mV	12.15 ft	200.0 ml/min
2/10/2026 2:08 PM	55:00	5.185 pH	17.65 °C	1,355 µS/cm	0.658 mg/L	1.030 NTU	167.9 mV	12.15 ft	200.0 ml/min
2/10/2026 2:13 PM	01:00:00	5.348 pH	17.66 °C	1,371 µS/cm	0.609 mg/L	0.600 NTU	147.2 mV	12.14 ft	200.0 ml/min

2/10/2026 2:18 PM	01:05:00	5.365 pH	17.62 °C	1,387 µS/cm	0.600 mg/L	0.100 NTU	141.8 mV	12.14 ft	200.0 ml/min
2/10/2026 2:23 PM	01:10:00	5.469 pH	17.67 °C	1,379 µS/cm	0.642 mg/L	0.590 NTU	132.4 mV	12.14 ft	200.0 ml/min
2/10/2026 2:28 PM	01:15:00	5.537 pH	17.64 °C	1,386 µS/cm	0.525 mg/L	0.530 NTU	122.3 mV	12.13 ft	200.0 ml/min
2/10/2026 2:33 PM	01:20:00	5.533 pH	17.60 °C	1,392 µS/cm	0.598 mg/L	0.250 NTU	120.9 mV	12.15 ft	200.0 ml/min
2/10/2026 2:38 PM	01:25:00	5.626 pH	17.66 °C	1,395 µS/cm	0.613 mg/L	0.280 NTU	113.8 mV	12.15 ft	200.0 ml/min
2/10/2026 2:43 PM	01:30:00	5.687 pH	17.64 °C	1,409 µS/cm	0.636 mg/L	0.050 NTU	110.3 mV	12.14 ft	200.0 ml/min
2/10/2026 2:48 PM	01:35:00	5.702 pH	17.63 °C	1,387 µS/cm	0.615 mg/L	0.210 NTU	101.8 mV	12.15 ft	200.0 ml/min
2/10/2026 2:53 PM	01:40:00	5.750 pH	17.60 °C	1,398 µS/cm	0.588 mg/L	0.210 NTU	93.1 mV	12.13 ft	200.0 ml/min
2/10/2026 2:58 PM	01:45:00	5.769 pH	17.56 °C	1,412 µS/cm	0.570 mg/L	1.340 NTU	87.3 mV	12.13 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-57	Grab.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 3:50:44 PM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: MW-58 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 16.71 ft** **Total Depth: 26.71 ft** **Initial Depth to Water: 13.01 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 21.71 ft** **Estimated Total Volume Pumped: 11 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.30 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
One bottle: Metals.

Weather Conditions:
Cloudy, 70 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/10/2026 3:50 PM	00:00	5.867 pH	19.16 °C	518.1 µS/cm	3.004 mg/L	1.260 NTU	155.9 mV	13.31 ft	200.0 ml/min
2/10/2026 3:55 PM	05:00	5.785 pH	18.21 °C	637.1 µS/cm	1.648 mg/L	0.660 NTU	158.7 mV	13.33 ft	200.0 ml/min
2/10/2026 4:00 PM	10:00	5.748 pH	18.19 °C	775.3 µS/cm	1.467 mg/L	0.170 NTU	80.9 mV	13.35 ft	200.0 ml/min
2/10/2026 4:05 PM	15:00	5.740 pH	18.21 °C	855.7 µS/cm	1.213 mg/L	0.180 NTU	71.3 mV	13.32 ft	200.0 ml/min
2/10/2026 4:10 PM	20:00	5.803 pH	18.18 °C	893.6 µS/cm	1.293 mg/L	0.230 NTU	66.2 mV	13.33 ft	200.0 ml/min
2/10/2026 4:15 PM	25:00	5.798 pH	18.13 °C	926.3 µS/cm	1.203 mg/L	0.200 NTU	63.9 mV	13.32 ft	200.0 ml/min
2/10/2026 4:20 PM	30:00	5.829 pH	18.11 °C	972.2 µS/cm	1.159 mg/L	0.510 NTU	63.4 mV	13.31 ft	200.0 ml/min
2/10/2026 4:25 PM	35:00	5.801 pH	18.16 °C	1,010 µS/cm	1.066 mg/L	1.070 NTU	61.9 mV	13.32 ft	200.0 ml/min
2/10/2026 4:30 PM	40:00	5.814 pH	18.16 °C	1,019 µS/cm	1.023 mg/L	0.410 NTU	60.5 mV	13.33 ft	200.0 ml/min
2/10/2026 4:35 PM	45:00	5.847 pH	18.15 °C	1,037 µS/cm	1.003 mg/L	0.360 NTU	59.2 mV	13.33 ft	200.0 ml/min
2/10/2026 4:40 PM	50:00	5.818 pH	18.06 °C	1,051 µS/cm	0.973 mg/L	0.270 NTU	58.3 mV	13.31 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-58	Grab.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 12:27:33 PM
Project: GP-Plant Hammond
Operator Name: A. Ullrich

Location Name: MW-59 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 32.58 ft** **Total Depth: 42.58 ft** **Initial Depth to Water: 29.90 ft**	**Pump Type: Bladder** **Tubing Type: Poly** **Pump Intake From TOC: 37.58 ft** **Estimated Total Volume Pumped: 5 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: -0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283501**

Test Notes:
One bottle: Metals.

Weather Conditions:
Clear, 60 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/10/2026 12:27 PM	00:00	4.303 pH	20.24 °C	1,679 µS/cm	0.866 mg/L	4.990 NTU	259.1 mV	29.90 ft	200.0 ml/min
2/10/2026 12:32 PM	05:00	4.284 pH	20.17 °C	1,688 µS/cm	0.575 mg/L	2.640 NTU	284.3 mV	29.90 ft	200.0 ml/min
2/10/2026 12:37 PM	10:00	4.275 pH	20.09 °C	1,687 µS/cm	0.503 mg/L	1.950 NTU	290.3 mV	30.00 ft	200.0 ml/min
2/10/2026 12:42 PM	15:00	4.271 pH	20.11 °C	1,686 µS/cm	0.508 mg/L	1.190 NTU	290.5 mV	29.93 ft	150.0 ml/min
2/10/2026 12:47 PM	20:00	4.266 pH	20.00 °C	1,683 µS/cm	0.486 mg/L	0.930 NTU	293.6 mV	29.88 ft	150.0 ml/min
2/10/2026 12:52 PM	25:00	4.269 pH	19.93 °C	1,686 µS/cm	0.471 mg/L	0.780 NTU	291.0 mV	29.85 ft	150.0 ml/min
2/10/2026 12:57 PM	30:00	4.269 pH	19.90 °C	1,688 µS/cm	0.484 mg/L	0.910 NTU	289.8 mV	29.85 ft	150.0 ml/min

Samples

Sample ID:	Description:
HAM-MW-59	Grab.

Low-Flow Test Report:

Test Date / Time: 2/10/2026 10:21:45 AM
Project: GP-Plant Hammond
Operator Name: S. Weatherly

Location Name: PT-01 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 13.29 ft** **Total Depth: 23.29 ft** **Initial Depth to Water: 11.62 ft**	**Pump Type: Peristaltic** **Tubing Type: Polyethylene** **Pump Intake From TOC: 18.29 ft** **Estimated Total Volume Pumped: 23.40 liter** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 2.13 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1283101**

Test Notes:
Two bottles: Alkalinity and Metals.

Weather Conditions:
Clear, 45 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 5	+/- 10	+/- 0.3	
2/10/2026 10:21 AM	00:00	6.634 pH	18.11 °C	330.7 µS/cm	5.389 mg/L	2.580 NTU	182.1 mV	12.69 ft	200.0 ml/min
2/10/2026 10:26 AM	05:00	6.681 pH	17.00 °C	321.7 µS/cm	2.964 mg/L	1.460 NTU	113.1 mV	13.09 ft	200.0 ml/min
2/10/2026 10:31 AM	10:00	6.681 pH	17.09 °C	321.1 µS/cm	2.691 mg/L	2.010 NTU	93.5 mV	13.37 ft	200.0 ml/min
2/10/2026 10:36 AM	15:00	6.676 pH	17.27 °C	324.6 µS/cm	2.483 mg/L	1.270 NTU	85.3 mV	13.58 ft	200.0 ml/min
2/10/2026 10:41 AM	20:00	6.654 pH	17.27 °C	326.8 µS/cm	2.321 mg/L	0.800 NTU	82.1 mV	13.72 ft	200.0 ml/min
2/10/2026 10:46 AM	25:00	6.661 pH	17.23 °C	327.6 µS/cm	2.215 mg/L	0.850 NTU	81.4 mV	13.70 ft	200.0 ml/min
2/10/2026 10:51 AM	30:00	6.641 pH	17.32 °C	331.8 µS/cm	1.849 mg/L	0.540 NTU	79.4 mV	13.75 ft	200.0 ml/min
2/10/2026 10:56 AM	35:00	6.656 pH	17.45 °C	332.7 µS/cm	1.675 mg/L	0.640 NTU	77.3 mV	13.76 ft	200.0 ml/min
2/10/2026 10:58 AM	36:36	6.649 pH	17.53 °C	321.9 µS/cm	1.893 mg/L	0.980 NTU	78.2 mV	13.75 ft	200.0 ml/min
2/10/2026 11:03 AM	41:36	6.632 pH	17.46 °C	338.6 µS/cm	1.565 mg/L	0.910 NTU	75.6 mV	13.73 ft	200.0 ml/min
2/10/2026 11:08 AM	46:36	6.631 pH	17.54 °C	340.0 µS/cm	1.636 mg/L	0.570 NTU	75.8 mV	13.79 ft	200.0 ml/min
2/10/2026 11:13 AM	51:36	6.623 pH	17.63 °C	348.1 µS/cm	1.433 mg/L	0.680 NTU	75.3 mV	13.72 ft	200.0 ml/min
2/10/2026 11:18 AM	56:36	6.614 pH	17.72 °C	348.8 µS/cm	1.460 mg/L	0.670 NTU	76.5 mV	13.72 ft	200.0 ml/min

2/10/2026 11:23 AM	01:01:36	6.636 pH	17.72 °C	351.3 µS/cm	1.519 mg/L	0.380 NTU	77.3 mV	13.70 ft	200.0 ml/min
2/10/2026 11:28 AM	01:06:36	6.610 pH	17.85 °C	363.5 µS/cm	1.386 mg/L	0.880 NTU	77.9 mV	13.70 ft	200.0 ml/min
2/10/2026 11:33 AM	01:11:36	6.622 pH	17.85 °C	371.6 µS/cm	1.303 mg/L	0.400 NTU	77.8 mV	13.71 ft	200.0 ml/min
2/10/2026 11:38 AM	01:16:36	6.596 pH	17.85 °C	383.6 µS/cm	1.189 mg/L	0.650 NTU	76.8 mV	13.73 ft	200.0 ml/min
2/10/2026 11:43 AM	01:21:36	6.617 pH	17.93 °C	393.6 µS/cm	1.209 mg/L	0.380 NTU	75.7 mV	13.74 ft	200.0 ml/min
2/10/2026 11:48 AM	01:26:36	6.615 pH	18.04 °C	396.1 µS/cm	1.220 mg/L	0.230 NTU	76.6 mV	13.74 ft	200.0 ml/min
2/10/2026 11:53 AM	01:31:36	6.580 pH	18.16 °C	410.8 µS/cm	1.232 mg/L	0.100 NTU	78.7 mV	13.73 ft	200.0 ml/min
2/10/2026 11:58 AM	01:36:36	6.576 pH	18.12 °C	417.5 µS/cm	1.199 mg/L	0.180 NTU	79.4 mV	13.73 ft	200.0 ml/min
2/10/2026 12:03 PM	01:41:36	6.608 pH	18.01 °C	424.1 µS/cm	1.226 mg/L	0.230 NTU	79.2 mV	13.73 ft	200.0 ml/min
2/10/2026 12:08 PM	01:46:36	6.553 pH	17.98 °C	426.7 µS/cm	1.112 mg/L	0.340 NTU	77.5 mV	13.74 ft	200.0 ml/min
2/10/2026 12:13 PM	01:51:36	6.583 pH	17.90 °C	438.4 µS/cm	1.136 mg/L	0.320 NTU	74.4 mV	13.75 ft	200.0 ml/min

Samples

Sample ID:	Description:
HAM-PT-01	Grab.

CALIBRATION REPORTS

Site Name: Plant Hammond

Calibrated By: Z. Weff

Field Instrumentation Calibration Form

Date: 2-3-26

Field Conditions: Clear, 28°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll 400	1283101
Turbidity Meter	LaMotte 2020we	1475-4011

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022724	9/2026	AIR
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	24020543	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	100.2	-0.436	± 10%	NA
ORP (mV)	228.0	228.0	5.101	± 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	L-Motte 2020t	~~SN1283118~~ 4137-2623 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	AQUATROLL	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	24022464		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	13.57 mg/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

Calibrated By: A. Ullrich

Field Instrumentation Calibration Form

Date: 2/4/2026

Field Conditions: Overcast, 48°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aquaprobe	1783501
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	24021680		AIR
pH (SU)	7.00	24021711		AIR
pH (SU)	10.00	24022744		AIR
D.O. (%)	N/A	N/A		—
ORP (mV)	228.0	24020919		AIR

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	4.002	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	228	11.41	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	Blank	—	± 10% of standard	EPA 2023
	1	0.95		
	10	10.00		
	—	—		

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

Site Name: PLANT HAMMOND

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 2/5/2026

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	24022794		
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	7.162	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	1	1.08	± 10% of standard	EPA 2023
	10	10.00		

Notes: No Comments

AC 2/5/2026

Field Instrumentation Calibration Form

Site Name: Plant Hammond

Date: 2/5/2026

Calibrated By: S. Weatherly

Field Conditions: Clear, 32°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AIR/AquaTwo1400	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 2020wi	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	4.306	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.303	± 0.1	GWMP
pH (SU)	7.00	7.00	4.383	± 0.1	GWMP
pH (SU)	10.00	10.00	4.306	± 0.1	GWMP
D.O. (%)	N/A	100%	3.291	± 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	4.133	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	4.147	± 0.1	GWMP
pH (SU)	7.00	7.00	7.663	± 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	AQUAPROBE	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	100.1	—	± 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	14.82	± 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

92/9/2 AU

Site Name: Plant Hammond

Calibrated By: Z. Webb

Field Instrumentation Calibration Form

Date: 2-10-26

Field Conditions: Clear, 41°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	Aqua Troll 400	1263118
Turbidity Meter	La Motte 2020we	1475-4011

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/2026	AIR
pH (SU)	4.00	24021650	9/2026	AIR
pH (SU)	7.00	24021711	9/2026	AIR
pH (SU)	10.00	24022784	9/2026	AIR
D.O. (%)	N/A	—	~~9/2026~~ ZW	—
ORP (mV)	228.0	24020598	9/2026	AIR

Calibration					
Time Start 0705		Time Finish 0727			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	9.662	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.12	± 0.1	GWMP
pH (SU)	7.00	7.00	10.78	± 0.1	GWMP
pH (SU)	10.00	10.00	11.06	± 0.1	GWMP
D.O. (%)	N/A	100%	9.103	± 10%	NA
ORP (mV)	228.0	228.0	10.98	± 10	EPA 2023

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

Calibration Check					
Time Start 1335		Time Finish 1350			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	19.99	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	20.16	± 0.1	GWMP
pH (SU)	7.00	7.00	19.77	± 0.1	GWMP
pH (SU)	10.00	10.00	19.63	± 0.1	GWMP

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

Notes: No comments

ZW 2-10-26

Site Name: Plant Hammond

Field Instrumentation Calibration Form

Date: 2/10/2026

Calibrated By: S. Weatherly

Field Conditions: Clear, 40°F

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTrol1400	1283101
Turbidity Meter	LaMotte/2023	413a-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 0715		Time Finish 0729			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,490	9.504	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	9.516	± 0.1	GWMP
pH (SU)	7.00	7.00	9.483	± 0.1	GWMP
pH (SU)	10.00	10.00	~~10.12~~ 10.16	± 0.1	GWMP
D.O. (%)	N/A	100%	8.587	± 10%	NA
ORP (mV)	228.0	228.0	10.07	± 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 1244		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	18.81	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	18.52	± 0.1	GWMP
pH (SU)	7.00	7.00	16.91	± 0.1	GWMP
pH (SU)	10.00	10.00	16.09	± 0.1	GWMP

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

Notes: No comments

SW 2/10/2026

Site Name: PLANT HAMMOND

Calibrated By: A. ULLRICH

Field Instrumentation Calibration Form

Date: 2/10/2026

Field Conditions: CLEAR, 46°

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUAPROBE	1283501
Turbidity Meter	LAMOTTE	1571-3019

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24021650	9/26	AIR
pH (SU)	4.00	24021650	↓	↓
pH (SU)	7.00	24021711		
pH (SU)	10.00	24022744		
D.O. (%)	N/A			
ORP (mV)	228.0	24020548		

Calibration					
Time Start 0705		Time Finish 0730			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	9.875	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	10.05	± 0.1	GWMP
pH (SU)	7.00	7.00	10.37	± 0.1	GWMP
pH (SU)	10.00	10.00	10.47	± 0.1	GWMP
D.O. (%)	N/A	AU ~~[illegible]~~ 100%	1.106	± 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

APPENDIX C

Statistical Analyses 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 2 (AP-2)
Statistical Analysis – 1st 2026 Sample Event

Dear Mr. 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-2. 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 for all wells except those noted below, and at least 8 samples were collected at all wells. Sampling began in 2019 for assessment wells MW-21D; in 2020 for upgradient wells HGWA-42D, HGWA-43D, HGWA-44D and assessment wells MW-33, MW-34D, and MW-35; and in 2021 for assessment well MW-51.

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

- **Upgradient well:** HGWA-1, HGWA-2, HGWA-3, HGWA-4, HGWA-5, HGWA-6, HGWA-42D, HGWA-43D, and HGWA-44D
- **Downgradient wells:** HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18
- **Assessment wells:** MW-21D, MW-33, MW-34D, MW-35, and MW-51

Assessment wells are included on time series and box plots for all parameters. When a minimum of 4 samples is available, assessment wells are evaluated using confidence intervals for the Appendix IV constituents.

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 data 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.

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 well/constituent pairs containing 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 case of lithium, historical reporting limits vary among the wells. Therefore, the reporting limit of 0.002 mg/L, which is the most recent reporting limit provided by the laboratory, was substituted across all wells.

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. When values in background are flagged as outliers, the measurements 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 in previous reports to demonstrate that the selected statistical methods for Appendix III parameters comply with the USEPA Unified Guidance. The EPA suggests that 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 Evaluation 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 additional values were flagged during this analysis and a summary of previously flagged outliers follows 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 the resample confirms the initial exceedance, a statistically significant increase (SSI) is identified and further research would be required to identify the cause of the exceedance (i.e., impact from the site, natural variation, or an off-site source). If the resample falls within the statistical limit, the initial exceedance is considered a false positive result; therefore, no further action is necessary. If no resample is collected, the initial exceedance is automatically confirmed.

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-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18
- Calcium: HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18
- Chloride: HGWC-14, HGWC-16, HGWC-17, and HGWC-18
- Sulfate: HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18
- TDS: HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18

<u>Trend Test Evaluation – Appendix III</u>

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (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, HGWA-44D (both upgradient), and HGWC-16
- Calcium: HGWA-2, HGWA-3 (both upgradient), and HGWC-16
- Chloride: HGWA-44D (upgradient) and HGWC-16
- Sulfate: HGWA-2 (upgradient)
- TDS: HGWA-2 (upgradient) and HGWC-16

Decreasing

- Boron: HGWA-43D (upgradient), HGWC-14, and HGWC-18
- Calcium: HGWA-4, HGWA-44D (both upgradient), and HGWC-14
- Chloride: HGWA-3, HGWA-4 (both upgradient), HGWC-14, and HGWC-18
- Sulfate: HGWA-6, HGWA-43D (both upgradient), HGWC-14, and HGWC-15
- TDS: HGWC-14, HGWC-15, and HGWC-18

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 (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 that contain 100% non-detects do not require analysis.

Data from all wells for Appendix IV parameters are reassessed for outliers during each analysis. No additional values were flagged as outliers during this analysis. More recent concentrations have continued to increase for lithium at upgradient well HGWA-44D; therefore, the record was truncated to use observations between September 2020 and January 2023 in order to maintain conservative limits 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.

<u>Interwell Upper Tolerance Limits</u>

Site specific background limits were calculated as upper one-sided tolerance limits (UTLs) on pooled upgradient interwell data through February 2026 for each of the 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 were constructed for the Appendix IV constituents in each downgradient well with 8 or more samples and assessment well with 4 or more samples through February 2026 (Figure H).

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 confidence level associated with nonparametric confidence intervals is dependent upon the number samples available.

Only when the entire confidence interval is above a GWPS is the 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:

- Cobalt: HGWC-18, MW-33, and MW-35

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 trends:
- None

Decreasing trends:
- Cobalt: HGWA-4 (upgradient), HGWC-18, and MW-35

Note that although cobalt at upgradient well HGWA-4 was listed as a statistically significant decreasing trend, the slope, which represents the median slope of all the possible pairwise slopes of the data evaluated, is zero. The Mann-Kendall slope estimates which represent the median slope of all the possible pairwise slopes, are displayed on the graph and summary table as zero and result from a large number of non-detects that are substituted with the same value.

Summary

Observations from the February 2026 sample event at Hammond AP-2 were compared to established interwell prediction limits for all Appendix III constituents. Exceedances were identified for the following well/constituent pairs:

- Boron: HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18

- Calcium: HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18
- Chloride: HGWC-14, HGWC-16, HGWC-17, and HGWC-18
- Sulfate: HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18
- TDS: HGWC-14, HGWC-15, HGWC-16, HGWC-17, and HGWC-18

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:

- Cobalt: HGWC-18, MW-33, and MW-35

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Hammond AP-2. 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

Date Ranges

Date: 4/8/2026 9:51 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

Lithium (mg/L)

HGWA-44D overall:9/16/2020-1/24/2023

100% Non-Detects: Appendix IV Downgradient & Assessment

Analysis Run 4/8/2026 10:04 AM View: Confidence Interval
Plant Hammond Client: Southern Company Data: Hammond AP2

Antimony (mg/L)
HGWC-16, HGWC-17, MW-21D, MW-51

Beryllium (mg/L)
HGWC-15, HGWC-16, MW-21D

Cadmium (mg/L)
HGWC-16, MW-21D

Lead (mg/L)
MW-51

Molybdenum (mg/L)
HGWC-14, HGWC-16, HGWC-17, HGWC-18, MW-33, MW-34D, MW-51

Selenium (mg/L)
MW-21D

Thallium (mg/L)
HGWC-16, MW-21D, MW-51

Appendix III Interwell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:50 AM

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-14	0.55	n/a	2/7/2026	5.9	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-15	0.55	n/a	2/6/2026	2.3	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-16	0.55	n/a	2/6/2026	2.2	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-17	0.55	n/a	2/6/2026	7	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-18	0.55	n/a	2/6/2026	4.9	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-14	138	n/a	2/7/2026	307	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-15	138	n/a	2/6/2026	146	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-16	138	n/a	2/6/2026	177	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-17	138	n/a	2/6/2026	248	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-18	138	n/a	2/6/2026	222	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-14	44.8	n/a	2/7/2026	48.2	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-16	44.8	n/a	2/6/2026	61.3	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-17	44.8	n/a	2/6/2026	80.5	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-18	44.8	n/a	2/6/2026	68.4	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-14	94.5	n/a	2/7/2026	597	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-15	94.5	n/a	2/6/2026	260	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-16	94.5	n/a	2/6/2026	190	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-17	94.5	n/a	2/6/2026	351	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-18	94.5	n/a	2/6/2026	471	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-14	632	n/a	2/7/2026	1150	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-15	632	n/a	2/6/2026	642	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-16	632	n/a	2/6/2026	658	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-17	632	n/a	2/6/2026	968	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-18	632	n/a	2/6/2026	936	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:50 AM

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-14**	**0.55**	**n/a**	**2/7/2026**	**5.9**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-15**	**0.55**	**n/a**	**2/6/2026**	**2.3**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-16**	**0.55**	**n/a**	**2/6/2026**	**2.2**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-17**	**0.55**	**n/a**	**2/6/2026**	**7**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-18**	**0.55**	**n/a**	**2/6/2026**	**4.9**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-14**	**138**	**n/a**	**2/7/2026**	**307**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-15**	**138**	**n/a**	**2/6/2026**	**146**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-16**	**138**	**n/a**	**2/6/2026**	**177**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-17**	**138**	**n/a**	**2/6/2026**	**248**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-18**	**138**	**n/a**	**2/6/2026**	**222**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**HGWC-14**	**44.8**	**n/a**	**2/7/2026**	**48.2**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	HGWC-15	44.8	n/a	2/6/2026	43.6	No	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	**HGWC-16**	**44.8**	**n/a**	**2/6/2026**	**61.3**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**HGWC-17**	**44.8**	**n/a**	**2/6/2026**	**80.5**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**HGWC-18**	**44.8**	**n/a**	**2/6/2026**	**68.4**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	HGWC-14	1.5	n/a	2/7/2026	0.052J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-15	1.5	n/a	2/6/2026	0.065J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-16	1.5	n/a	2/6/2026	0.052J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-17	1.5	n/a	2/6/2026	0.066J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-18	1.5	n/a	2/6/2026	0.092J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-14	8.6	4.57	2/7/2026	4.92	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-15	8.6	4.57	2/6/2026	6.14	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-16	8.6	4.57	2/6/2026	7.15	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-17	8.6	4.57	2/6/2026	6.44	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-18	8.6	4.57	2/6/2026	4.9	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**HGWC-14**	**94.5**	**n/a**	**2/7/2026**	**597**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-15**	**94.5**	**n/a**	**2/6/2026**	**260**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-16**	**94.5**	**n/a**	**2/6/2026**	**190**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-17**	**94.5**	**n/a**	**2/6/2026**	**351**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-18**	**94.5**	**n/a**	**2/6/2026**	**471**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-14**	**632**	**n/a**	**2/7/2026**	**1150**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-15**	**632**	**n/a**	**2/6/2026**	**642**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-16**	**632**	**n/a**	**2/6/2026**	**658**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-17**	**632**	**n/a**	**2/6/2026**	**968**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-18**	**632**	**n/a**	**2/6/2026**	**936**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**

Appendix III Trend Tests - Prediction Limits Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:54 AM

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-14	-1.222	-227	-118	Yes	26	0	n/a	0.01	NP
Boron (mg/L)	HGWC-16	0.1118	152	118	Yes	26	0	n/a	0.01	NP
Boron (mg/L)	HGWC-18	-0.5426	-171	-118	Yes	26	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-4 (bg)	-4.939	-130	-118	Yes	26	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-14	-26.03	-182	-118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWC-16	7.086	155	118	Yes	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-4 (bg)	-0.3766	-262	-118	Yes	26	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-14	-56.4	-258	-118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWC-16	7.655	191	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWC-18	-29.64	-247	-124	Yes	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-6 (bg)	-0.3408	-135	-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-14	-60.2	-133	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	HGWC-15	-23.2	-182	-118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-2 (bg)	6.233	122	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-14	-191.2	-245	-118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-15	-50.54	-211	-118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-16	34.89	176	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-18	-87.37	-185	-118	Yes	26	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limits Exceedances - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:54 AM

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-4 (bg)	0.001001	91	118	No	26	3.846	n/a	0.01	NP
Boron (mg/L)	HGWA-5 (bg)	0.0008797	108	118	No	26	19.23	n/a	0.01	NP
Boron (mg/L)	HGWA-6 (bg)	-0.0001122	-14	-111	No	25	4	n/a	0.01	NP
Boron (mg/L)	HGWA-42D (bg)	0.0004537	9	48	No	14	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-14**	**-1.222**	**-227**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWC-15	-0.03789	-73	-118	No	26	0	n/a	0.01	NP
Boron (mg/L)	**HGWC-16**	**0.1118**	**152**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWC-17	0	3	118	No	26	0	n/a	0.01	NP
Boron (mg/L)	**HGWC-18**	**-0.5426**	**-171**	**-118**	**Yes**	**26**	**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-4 (bg)**	**-4.939**	**-130**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWA-5 (bg)	-0.1259	-36	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWA-6 (bg)	0.445	102	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWA-42D (bg)	0.351	17	53	No	15	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-14**	**-26.03**	**-182**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWC-15	-5.111	-118	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	**HGWC-16**	**7.086**	**155**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWC-17	-1.738	-16	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWC-18	-12.47	-98	-124	No	27	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-4 (bg)**	**-0.3766**	**-262**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	HGWA-5 (bg)	-0.0188	-42	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-6 (bg)	-0.03463	-85	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-42D (bg)	0	7	53	No	15	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-14**	**-56.4**	**-258**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWC-16**	**7.655**	**191**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	HGWC-17	-1.589	-35	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**HGWC-18**	**-29.64**	**-247**	**-124**	**Yes**	**27**	**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-4 (bg)	1.968	87	118	No	26	11.54	n/a	0.01	NP
Sulfate (mg/L)	HGWA-5 (bg)	-0.3473	-94	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	**HGWA-6 (bg)**	**-0.3408**	**-135**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-42D (bg)	0.1679	35	53	No	15	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-14**	**-60.2**	**-133**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-15**	**-23.2**	**-182**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWC-16	-2.317	-59	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	HGWC-17	-16.02	-109	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	HGWC-18	-21.53	-81	-124	No	27	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limits Exceedances - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:54 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
TDS (mg/L)	HGWA-1 (bg)	4.627	71	124	No	27	0	n/a	0.01	NP
TDS (mg/L)	**HGWA-2 (bg)**	**6.233**	**122**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	HGWA-3 (bg)	0.2436	14	124	No	27	0	n/a	0.01	NP
TDS (mg/L)	HGWA-4 (bg)	-13.21	-107	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-5 (bg)	-0.4382	-18	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-6 (bg)	0	5	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-42D (bg)	1.901	23	53	No	15	0	n/a	0.01	NP
TDS (mg/L)	HGWA-43D (bg)	0.223	2	53	No	15	0	n/a	0.01	NP
TDS (mg/L)	HGWA-44D (bg)	18.82	52	53	No	15	0	n/a	0.01	NP
TDS (mg/L)	**HGWC-14**	**-191.2**	**-245**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**HGWC-15**	**-50.54**	**-211**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**HGWC-16**	**34.89**	**176**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	HGWC-17	16.37	35	118	No	26	3.846	n/a	0.01	NP
TDS (mg/L)	**HGWC-18**	**-87.37**	**-185**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**

Upper Tolerance Limits Summary Table

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:55 AM

Constituent	Upper Lim.	Bg N	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.003	201	87.06	n/a	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	0.0036	225	83.11	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.46	225	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0004	213	83.1	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0005	225	91.11	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.019	213	86.38	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	0.038	225	69.33	n/a	n/a	NaN	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.573	225	0	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	1.5	233	26.61	n/a	n/a	NaN	NP Inter(normality)
Lead (mg/L)	0.001	213	78.87	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.064	219	16.44	n/a	n/a	NaN	NP Inter(normality)
Mercury (mg/L)	0.0002	176	95.45	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.01	219	85.39	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	225	96.89	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.0005	225	99.11	n/a	n/a	NaN	NP Inter(NDs)

PLANT HAMMOND AP-2 GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.003	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		0.019	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.038	0.038
Combined Radium, Total (pCi/L)	5		1.57	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 Standard*

Appendix IV Confidence Intervals - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**HGWC-18**	**0.1732**	**0.1373**	**0.038**	**Yes**	**30**	**0.1553**	**0.03995**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**MW-33**	**0.05581**	**0.04269**	**0.038**	**Yes**	**16**	**0.04925**	**0.01008**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**MW-35**	**0.09135**	**0.07576**	**0.038**	**Yes**	**14**	**0.07839**	**0.02479**	**7.143**	**None**	**x^4**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	HGWC-14	0.002	0.001	0.006	No	23	0.001802	0.0006426	78.26	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-15	0.003	0.0016	0.006	No	23	0.002382	0.0009063	60.87	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-18	0.002	0.0008	0.006	No	23	0.001948	0.0002502	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-33	0.002	0.00046	0.006	No	12	0.001872	0.0004446	91.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-34D	0.002	0.002	0.006	No	10	0.00198	0.00006325	90	None	No	0.011	NP (NDs)
Antimony (mg/L)	MW-35	0.0029	0.00041	0.006	No	12	0.001943	0.0005476	83.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-14	0.005119	0.003162	0.01	No	29	0.004141	0.002135	13.79	None	No	0.01	Param.
Arsenic (mg/L)	HGWC-15	0.002	0.0008	0.01	No	29	0.001785	0.0005533	86.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-16	0.002	0.0012	0.01	No	29	0.001774	0.0005315	82.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-17	0.002	0.0017	0.01	No	29	0.001784	0.0005069	72.41	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-18	0.006068	0.003929	0.01	No	29	0.004999	0.002335	6.897	None	No	0.01	Param.
Arsenic (mg/L)	MW-21D	0.003	0.0013	0.01	No	19	0.001868	0.0005495	78.95	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-33	0.006979	0.003007	0.01	No	15	0.004993	0.002931	6.667	None	No	0.01	Param.
Arsenic (mg/L)	MW-34D	0.003595	0.001006	0.01	No	12	0.002807	0.001601	25	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	MW-35	0.005677	0.002745	0.01	No	14	0.004364	0.002016	35.71	Kaplan-Meier	x^2	0.01	Param.
Arsenic (mg/L)	MW-51	0.004757	0.001673	0.01	No	10	0.00332	0.001715	30	Kaplan-Meier	No	0.01	Param.
Barium (mg/L)	HGWC-14	0.0214	0.017	2	No	29	0.02307	0.01978	3.448	None	No	0.01	NP (normality)
Barium (mg/L)	HGWC-15	0.02459	0.01699	2	No	29	0.02079	0.008292	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-16	0.1082	0.09831	2	No	29	0.1032	0.01079	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-17	0.02647	0.02397	2	No	29	0.02522	0.002721	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-18	0.0313	0.021	2	No	29	0.0297	0.01468	3.448	None	No	0.01	NP (normality)
Barium (mg/L)	MW-21D	0.05666	0.03906	2	No	19	0.04858	0.01605	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-33	0.0249	0.0191	2	No	15	0.022	0.004276	0	None	No	0.01	Param.
Barium (mg/L)	MW-34D	0.04039	0.02994	2	No	12	0.03517	0.006658	0	None	No	0.01	Param.
Barium (mg/L)	MW-35	0.029	0.021	2	No	14	0.02607	0.006627	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-51	0.03506	0.02154	2	No	10	0.0283	0.007573	0	None	No	0.01	Param.
Beryllium (mg/L)	HGWC-14	0.00056	0.0004	0.004	No	27	0.0005315	0.0002891	7.407	None	No	0.01	NP (normality)
Beryllium (mg/L)	HGWC-17	0.0004	0.0001	0.004	No	27	0.0003382	0.0001323	81.48	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-18	0.003163	0.002509	0.004	No	27	0.002836	0.0006851	3.704	None	No	0.01	Param.
Beryllium (mg/L)	MW-33	0.0009767	0.0006259	0.004	No	15	0.0008013	0.0002588	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-34D	0.0004	0.00015	0.004	No	12	0.0003512	0.0001153	83.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-35	0.0005986	0.0003585	0.004	No	14	0.0004786	0.0001695	7.143	None	No	0.01	Param.
Beryllium (mg/L)	MW-51	0.0004546	0.0001974	0.004	No	10	0.000326	0.0001441	0	None	No	0.01	Param.
Cadmium (mg/L)	HGWC-14	0.0005	0.00012	0.005	No	29	0.0003441	0.0001905	58.62	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-15	0.001914	0.001177	0.005	No	29	0.001546	0.0008046	0	None	No	0.01	Param.
Cadmium (mg/L)	HGWC-17	0.0005	0.00015	0.005	No	29	0.0004597	0.0001213	89.66	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-18	0.002253	0.001385	0.005	No	29	0.002071	0.001642	3.448	None	ln(x)	0.01	Param.
Cadmium (mg/L)	MW-33	0.00022	0.00015	0.005	No	15	0.0002513	0.0002779	6.667	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-34D	0.001505	0.00044	0.005	No	12	0.001297	0.0009686	16.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Cadmium (mg/L)	MW-35	0.001546	0.0009029	0.005	No	14	0.001224	0.0004538	7.143	None	No	0.01	Param.
Cadmium (mg/L)	MW-51	0.001119	0.0003067	0.005	No	10	0.000713	0.0004553	0	None	No	0.01	Param.
Chromium (mg/L)	HGWC-14	0.005	0.00066	0.1	No	27	0.004494	0.001458	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-15	0.005	0.0012	0.1	No	27	0.00435	0.001595	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-16	0.005	0.0021	0.1	No	27	0.004398	0.001495	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-17	0.005	0.0018	0.1	No	27	0.004391	0.001504	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-18	0.005	0.00063	0.1	No	27	0.004327	0.001644	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-21D	0.005	0.00074	0.1	No	19	0.004292	0.001682	84.21	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-33	0.005	0.0028	0.1	No	15	0.004249	0.001637	80	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-34D	0.0059	0.00039	0.1	No	12	0.004691	0.001379	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-35	0.005	0.00083	0.1	No	14	0.004061	0.00187	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-51	0.005	0.005	0.1	No	10	0.004526	0.001499	90	None	No	0.011	NP (NDs)
Cobalt (mg/L)	HGWC-14	0.034	0.0253	0.038	No	29	0.03274	0.01841	3.448	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-15	0.03647	0.01873	0.038	No	29	0.0276	0.01936	0	None	No	0.01	Param.
Cobalt (mg/L)	HGWC-16	0.005	0.00037	0.038	No	29	0.004678	0.001206	93.1	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-17	0.01479	0.01141	0.038	No	29	0.01243	0.00454	3.448	None	x^2	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**HGWC-18**	**0.1732**	**0.1373**	**0.038**	**Yes**	**30**	**0.1553**	**0.03995**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-21D	0.005	0.00034	0.038	No	19	0.004755	0.001069	94.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**MW-33**	**0.05581**	**0.04269**	**0.038**	**Yes**	**16**	**0.04925**	**0.01008**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-34D	0.008085	0.004898	0.038	No	12	0.006492	0.002031	0	None	No	0.01	Param.
Cobalt (mg/L)	**MW-35**	**0.09135**	**0.07576**	**0.038**	**Yes**	**14**	**0.07839**	**0.02479**	**7.143**	**None**	**x^4**	**0.01**	**Param.**
Cobalt (mg/L)	MW-51	0.03376	0.01824	0.038	No	10	0.026	0.008692	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-14	1.415	0.9757	5	No	29	1.196	0.48	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-15	0.7901	0.4417	5	No	29	0.6159	0.3802	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-16	0.8611	0.5151	5	No	29	0.6881	0.3775	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-17	0.9301	0.6031	5	No	29	0.7666	0.3568	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-18	1.98	1.417	5	No	29	1.699	0.6145	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-21D	0.8305	0.3837	5	No	19	0.6446	0.4226	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-33	1.837	0.9606	5	No	15	1.399	0.6469	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-34D	0.9278	0.4825	5	No	12	0.7052	0.2838	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-35	1.95	0.9712	5	No	14	1.497	0.786	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-51	1.024	0.4835	5	No	10	0.7537	0.3028	0	None	No	0.01	Param.
Fluoride (mg/L)	HGWC-14	0.1482	0.07561	4	No	30	0.1531	0.141	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	HGWC-15	0.12	0.086	4	No	30	0.1266	0.1053	33.33	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-16	0.09894	0.04441	4	No	30	0.1321	0.1089	46.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	HGWC-17	0.3	0.062	4	No	30	0.1866	0.1933	23.33	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-18	0.5383	0.3263	4	No	30	0.4323	0.2358	3.333	None	No	0.01	Param.
Fluoride (mg/L)	MW-21D	0.1	0.061	4	No	19	0.08968	0.01841	68.42	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-33	0.243	0.1252	4	No	16	0.19	0.09741	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	MW-34D	0.08812	0.06565	4	No	12	0.08267	0.01664	25	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	MW-35	0.1238	0.06568	4	No	14	0.09471	0.041	7.143	None	No	0.01	Param.
Fluoride (mg/L)	MW-51	0.1422	0.08039	4	No	10	0.1113	0.03464	0	None	No	0.01	Param.
Lead (mg/L)	HGWC-14	0.001574	0.001193	0.015	No	27	0.001383	0.0003996	7.407	None	No	0.01	Param.
Lead (mg/L)	HGWC-15	0.001	0.001	0.015	No	27	0.0008676	0.0003243	81.48	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-16	0.001	0.00016	0.015	No	27	0.0007046	0.0004266	66.67	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-17	0.001	0.00013	0.015	No	27	0.0006894	0.0004206	62.96	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-18	0.001282	0.0009099	0.015	No	27	0.001096	0.0003899	7.407	None	No	0.01	Param.
Lead (mg/L)	MW-21D	0.001	0.00066	0.015	No	19	0.0008331	0.0003543	78.95	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-33	0.001659	0.0008758	0.015	No	15	0.001267	0.0005778	13.33	None	No	0.01	Param.
Lead (mg/L)	MW-34D	0.001	0.00087	0.015	No	12	0.0009892	0.00003753	91.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-35	0.001	0.00035	0.015	No	14	0.0007386	0.0003006	42.86	None	No	0.01	NP (normality)
Lithium (mg/L)	HGWC-14	0.002	0.00104	0.064	No	29	0.00191	0.0004115	86.21	None	No	0.01	NP (NDs)
Lithium (mg/L)	HGWC-15	0.005987	0.002258	0.064	No	29	0.007257	0.00872	20.69	Kaplan-Meier	ln(x)	0.01	Param.
Lithium (mg/L)	HGWC-16	0.003665	0.002961	0.064	No	29	0.003313	0.0007678	3.448	None	No	0.01	Param.
Lithium (mg/L)	HGWC-17	0.002	0.00123	0.064	No	29	0.001848	0.001614	37.93	None	No	0.01	NP (normality)
Lithium (mg/L)	HGWC-18	0.01363	0.0116	0.064	No	29	0.01261	0.002218	0	None	No	0.01	Param.
Lithium (mg/L)	MW-21D	0.02291	0.01643	0.064	No	19	0.01878	0.00686	0	None	x^2	0.01	Param.
Lithium (mg/L)	MW-33	0.001244	0.0008373	0.064	No	15	0.001067	0.0003707	13.33	None	ln(x)	0.01	Param.
Lithium (mg/L)	MW-34D	0.002043	0.001134	0.064	No	12	0.001737	0.0005718	16.67	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	MW-35	0.003994	0.002606	0.064	No	14	0.0033	0.0009804	7.143	None	No	0.01	Param.
Lithium (mg/L)	MW-51	0.0022	0.001	0.064	No	10	0.002409	0.002942	10	None	No	0.011	NP (normality)
Mercury (mg/L)	HGWC-14	0.0002	0.00012	0.002	No	21	0.0001962	0.00001746	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-15	0.024	0.00014	0.002	No	22	0.001279	0.005075	90.91	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-16	0.0002	0.00012	0.002	No	21	0.0001962	0.00001746	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-17	0.0002	0.00012	0.002	No	21	0.0001962	0.00001746	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-18	0.0002	0.00009	0.002	No	22	0.0001745	0.0000617	72.73	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-21D	0.0002	0.00012	0.002	No	12	0.0001933	0.00002309	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-33	0.0002	0.0002	0.002	No	10	0.000197	0.000009487	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	MW-34D	0.0002	0.00011	0.002	No	9	0.00019	0.00003	88.89	None	No	0.002	NP (NDs)
Mercury (mg/L)	MW-35	0.00035	0.00014	0.002	No	10	0.000264	0.0002106	50	None	No	0.011	NP (normality)
Mercury (mg/L)	MW-51	0.0002	0.00011	0.002	No	9	0.0001822	0.00003563	77.78	None	No	0.002	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	HGWC-15	0.01	0.0007	0.1	No	27	0.009656	0.00179	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-21D	0.02571	0.01572	0.1	No	19	0.02125	0.00925	0	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-35	0.017	0.01	0.1	No	14	0.0105	0.001871	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-14	0.01058	0.005828	0.05	No	29	0.008204	0.005186	0	None	No	0.01	Param.
Selenium (mg/L)	HGWC-15	0.005	0.0041	0.05	No	29	0.004556	0.001254	86.21	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-16	0.005	0.0024	0.05	No	29	0.0045	0.001311	86.21	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-17	0.005	0.0025	0.05	No	29	0.0043	0.001443	79.31	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-18	0.02762	0.0116	0.05	No	29	0.02269	0.02075	3.448	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-33	0.01594	0.007262	0.05	No	15	0.0129	0.009636	0	None	ln(x)	0.01	Param.
Selenium (mg/L)	MW-34D	0.005	0.0016	0.05	No	12	0.003833	0.001525	50	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-35	0.01413	0.005261	0.05	No	14	0.01042	0.008585	7.143	None	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-51	0.004732	0.001823	0.05	No	10	0.0037	0.001751	20	Kaplan-Meier	No	0.01	Param.
Thallium (mg/L)	HGWC-14	0.0003	0.00027	0.002	No	29	0.0003099	0.00006887	6.897	None	No	0.01	NP (normality)
Thallium (mg/L)	HGWC-15	0.0005	0.00022	0.002	No	29	0.0004903	0.00005199	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-17	0.0005	0.00025	0.002	No	29	0.0003983	0.0001696	72.41	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-18	0.0005	0.00019	0.002	No	29	0.0003631	0.0001667	58.62	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-33	0.001	0.00023	0.002	No	15	0.0004647	0.0003372	26.67	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-34D	0.0005	0.00015	0.002	No	12	0.0004708	0.000101	91.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-35	0.0005	0.00013	0.002	No	14	0.0004736	0.00009889	92.86	None	No	0.01	NP (NDs)

Appendix IV Trend Tests - Confidence Interval Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:19 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**HGWA-4 (bg)**	**0**	**-139**	**-106**	**Yes**	**29**	**62.07**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**HGWC-18**	**-0.01062**	**-264**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**MW-35**	**-0.003568**	**-55**	**-37**	**Yes**	**14**	**7.143**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:19 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	HGWA-1 (bg)	0	-59	-112	No	30	83.33	n/a	0.05	NP
Cobalt (mg/L)	HGWA-2 (bg)	0.0001836	22	112	No	30	0	n/a	0.05	NP
Cobalt (mg/L)	HGWA-3 (bg)	0	0	112	No	30	100	n/a	0.05	NP
Cobalt (mg/L)	**HGWA-4 (bg)**	**0**	**-139**	**-106**	**Yes**	**29**	**62.07**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	HGWA-5 (bg)	0	-26	-106	No	29	31.03	n/a	0.05	NP
Cobalt (mg/L)	HGWA-6 (bg)	0	-22	-106	No	29	96.55	n/a	0.05	NP
Cobalt (mg/L)	HGWA-42D (bg)	0	3	45	No	16	87.5	n/a	0.05	NP
Cobalt (mg/L)	HGWA-43D (bg)	0	0	45	No	16	100	n/a	0.05	NP
Cobalt (mg/L)	HGWA-44D (bg)	0	0	45	No	16	100	n/a	0.05	NP
Cobalt (mg/L)	**HGWC-18**	**-0.01062**	**-264**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	MW-33	-0.002418	-36	-45	No	16	0	n/a	0.05	NP
Cobalt (mg/L)	**MW-35**	**-0.003568**	**-55**	**-37**	**Yes**	**14**	**7.143**	**n/a**	**0.05**	**NP**

FIGURE A.

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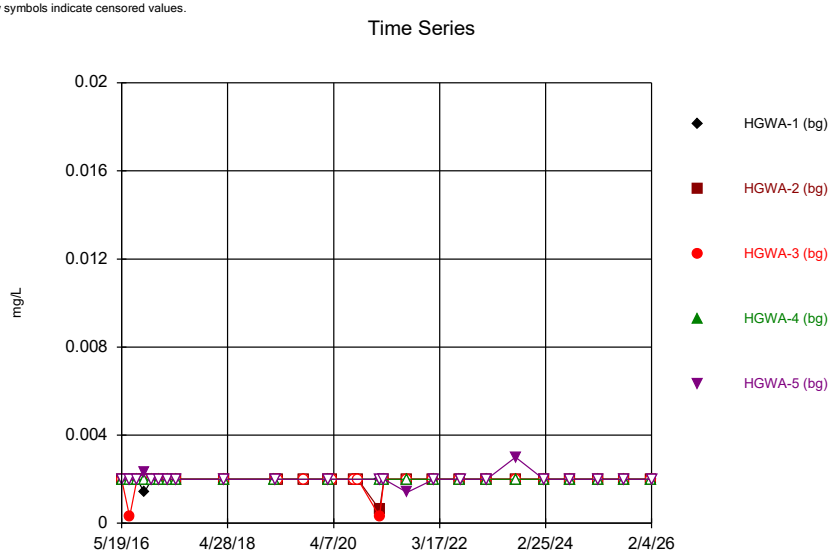
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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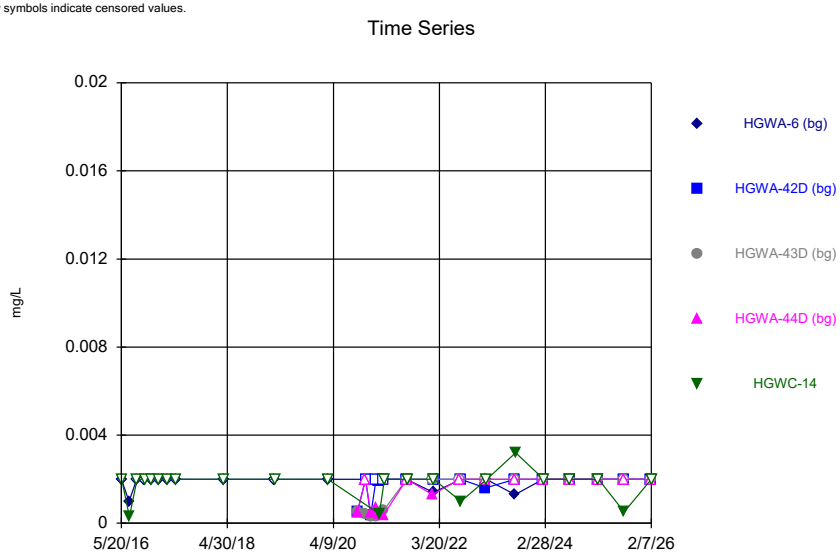
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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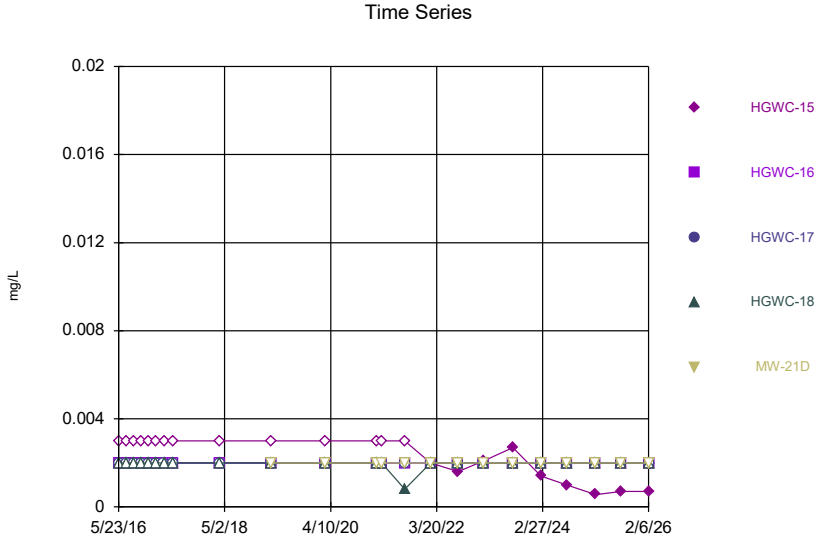

Constituent: Antimony Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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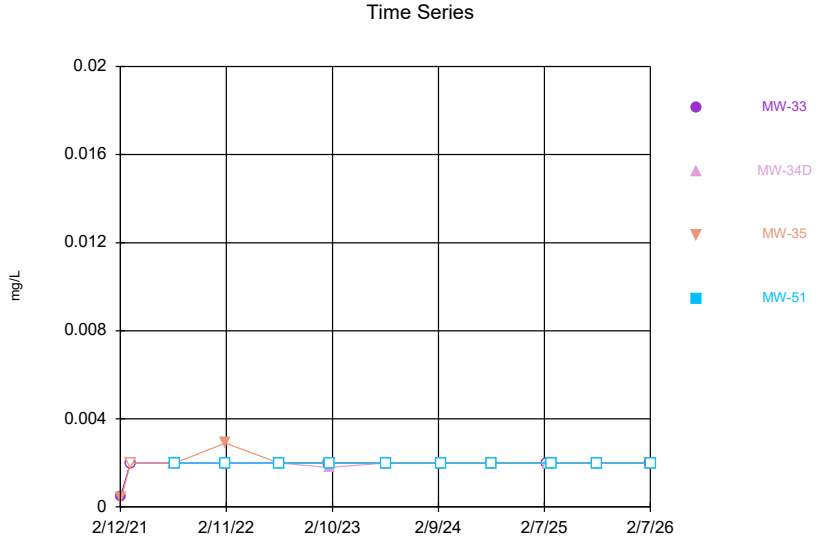
Hollow symbols indicate censored values.



Constituent: Antimony Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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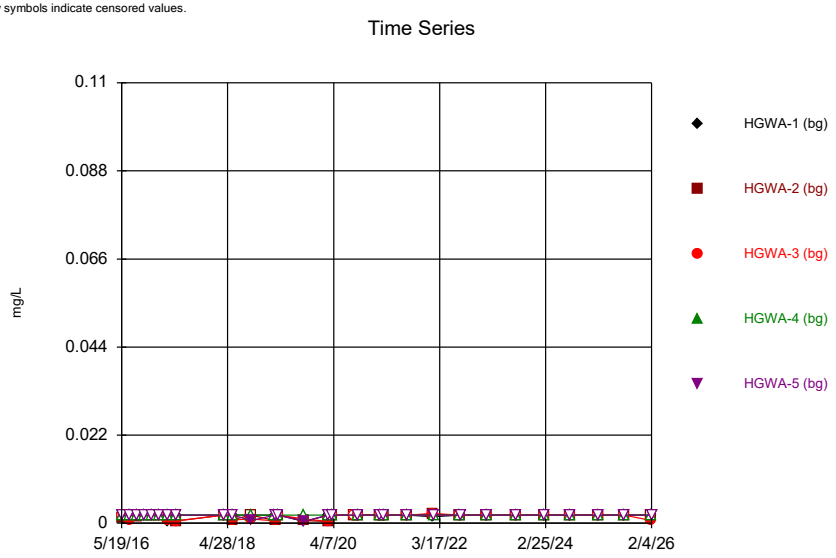

Constituent: Arsenic Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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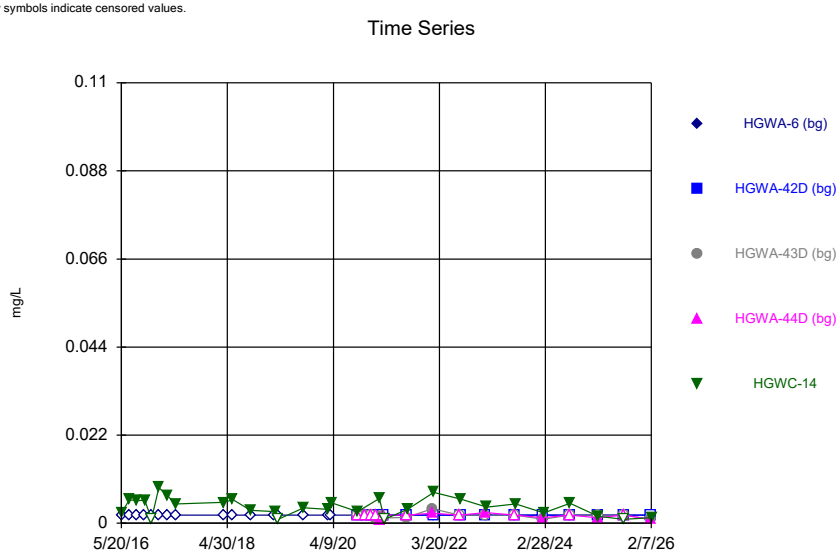

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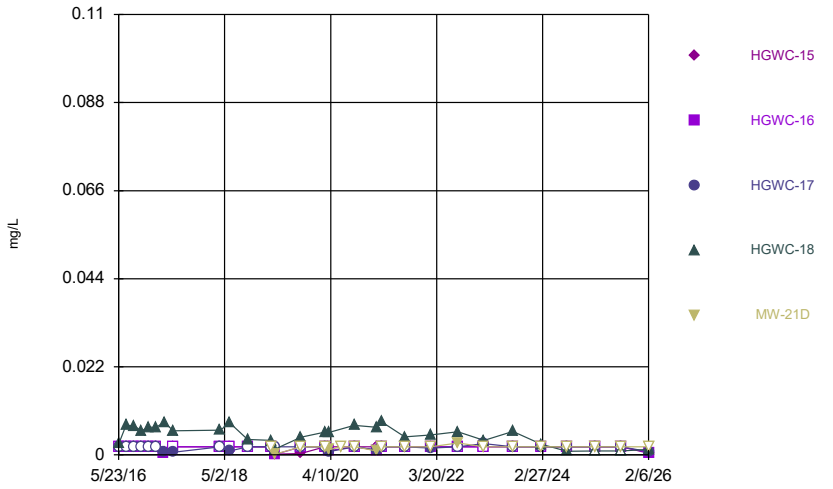

Constituent: Arsenic Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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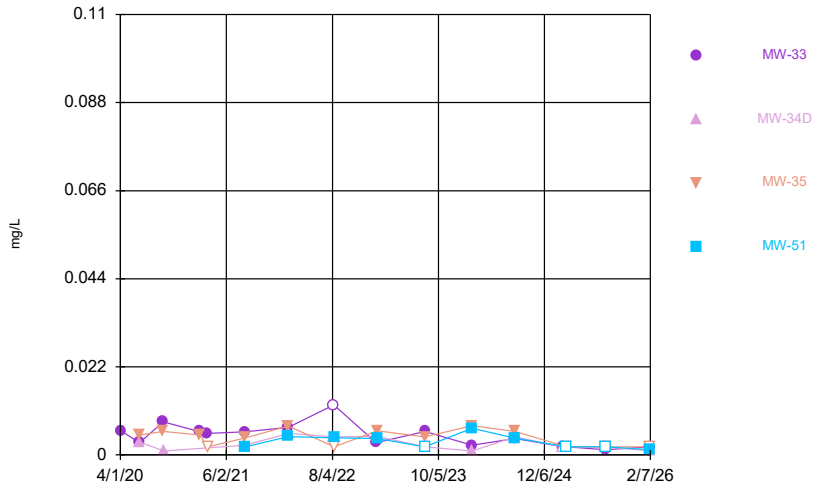
Hollow symbols indicate censored values.



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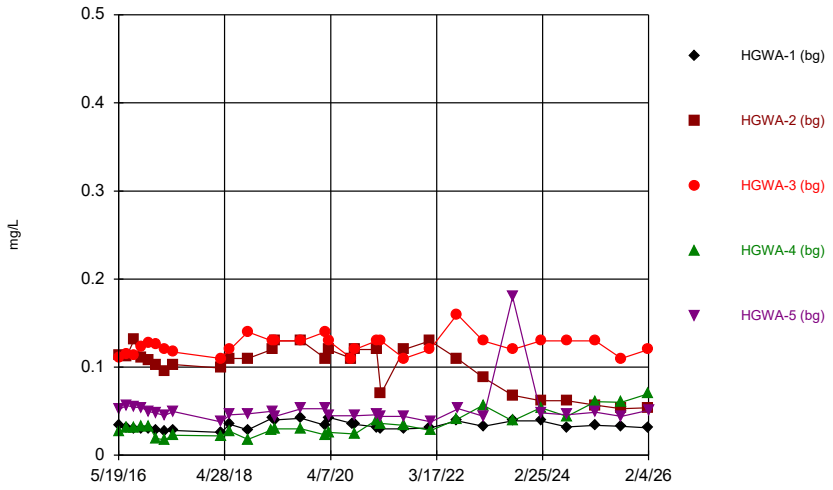
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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Plant Hammond Client: Southern Company Data: Hammond AP2

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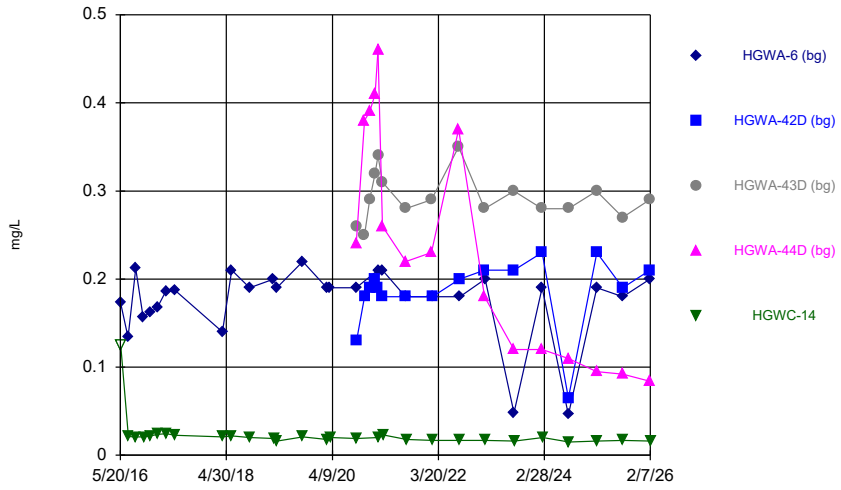
Time Series



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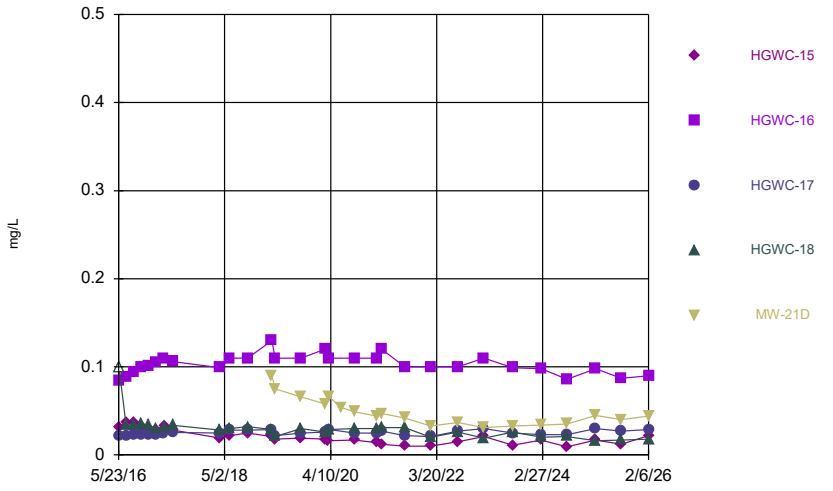
Time Series



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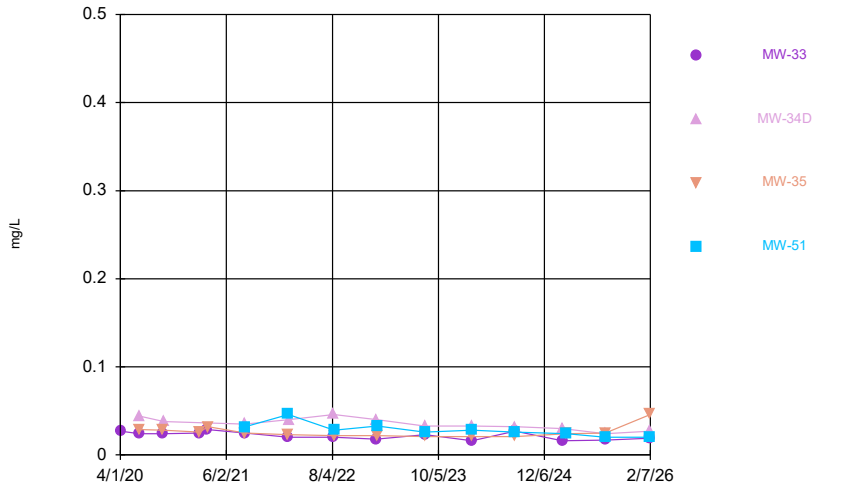
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Time Series



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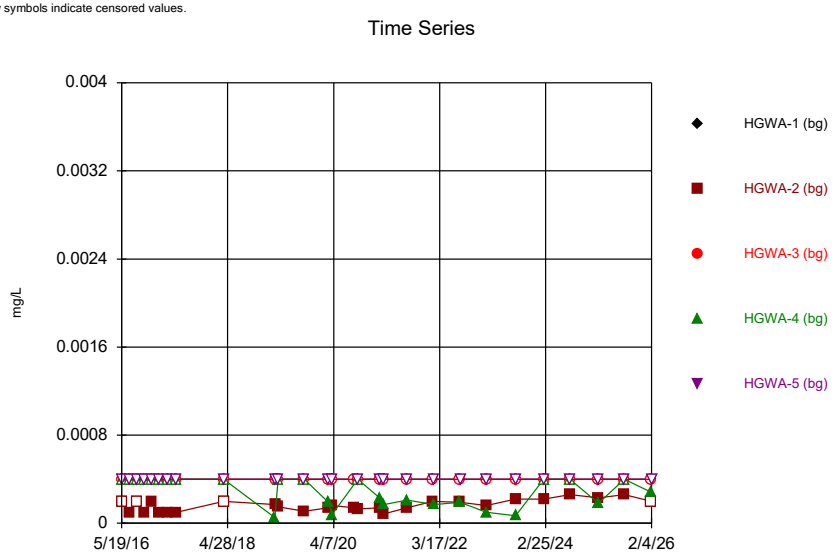

Constituent: Beryllium Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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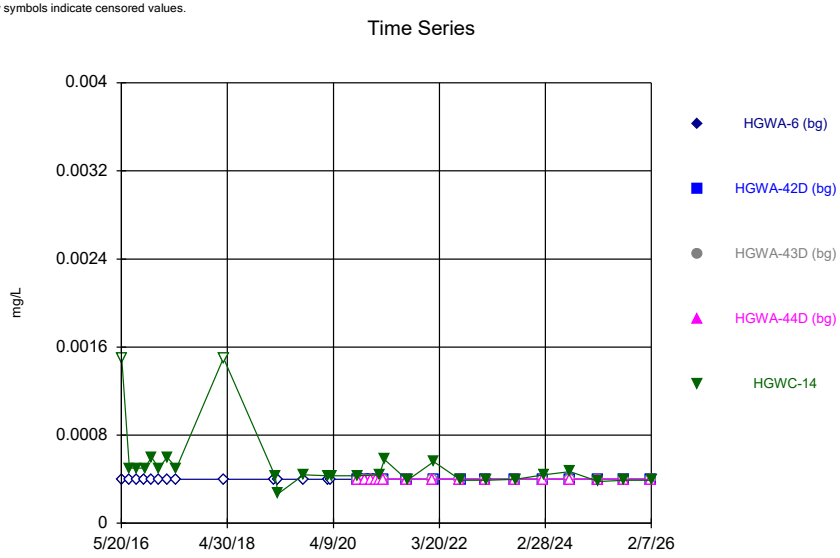
Hollow symbols indicate censored values.



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Plant Hammond Client: Southern Company Data: Hammond AP2

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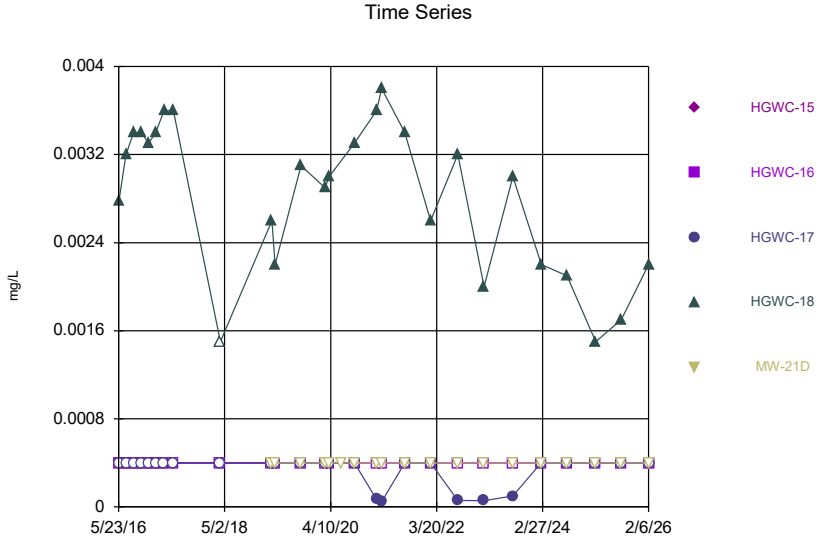

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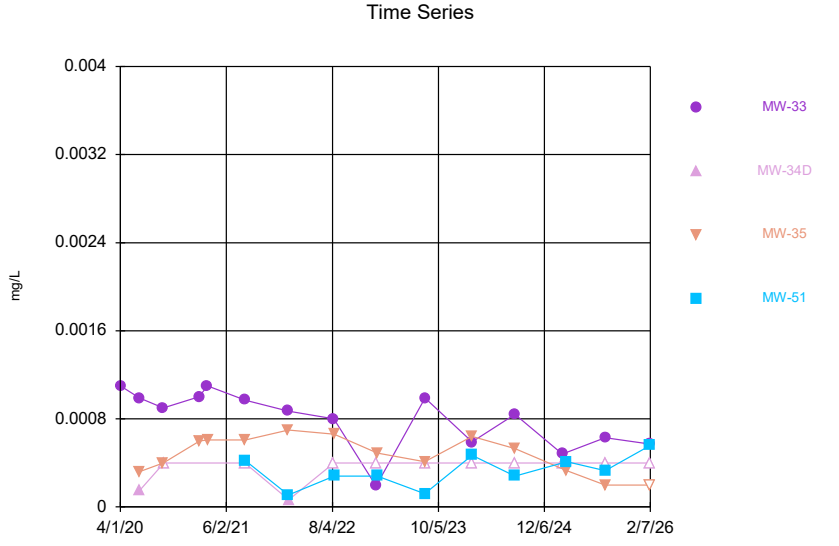
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



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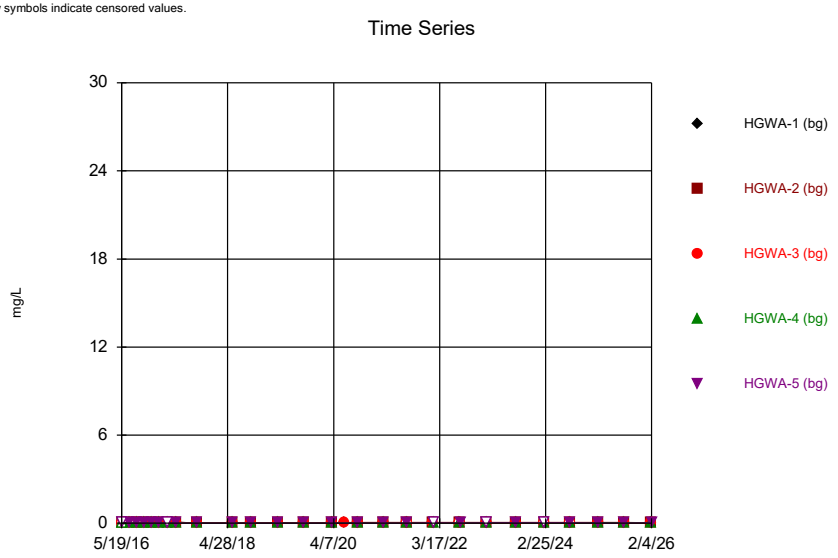

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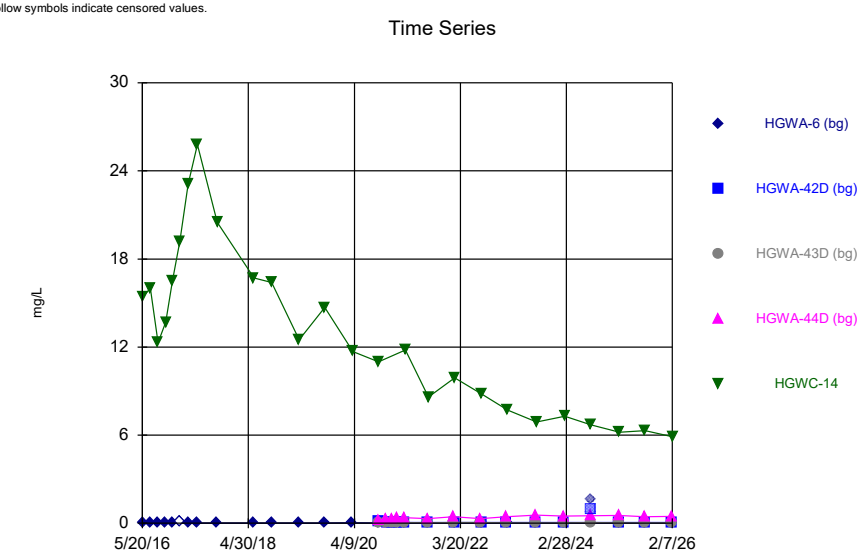

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Plant Hammond Client: Southern Company Data: Hammond AP2

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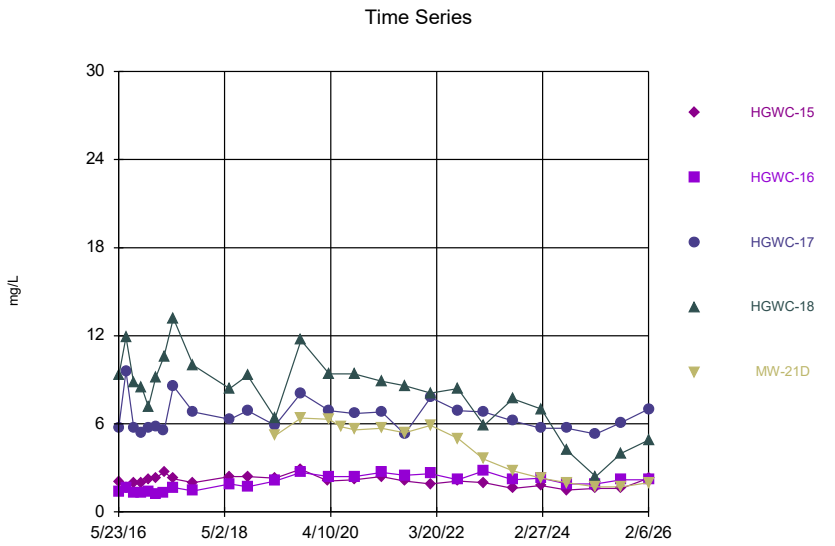

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Plant Hammond Client: Southern Company Data: Hammond AP2

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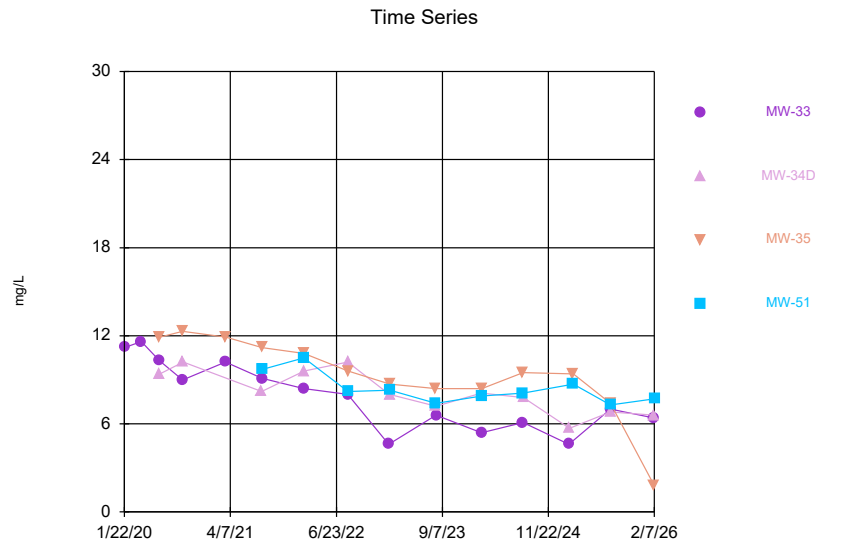

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Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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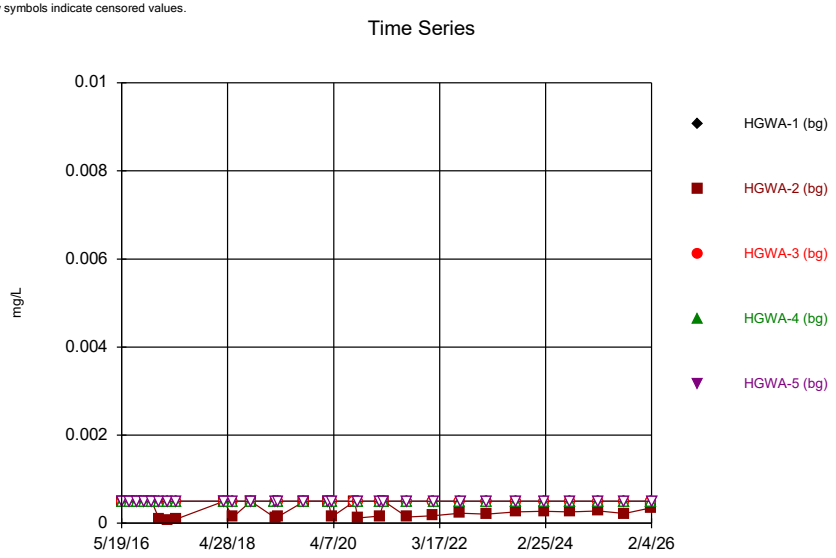
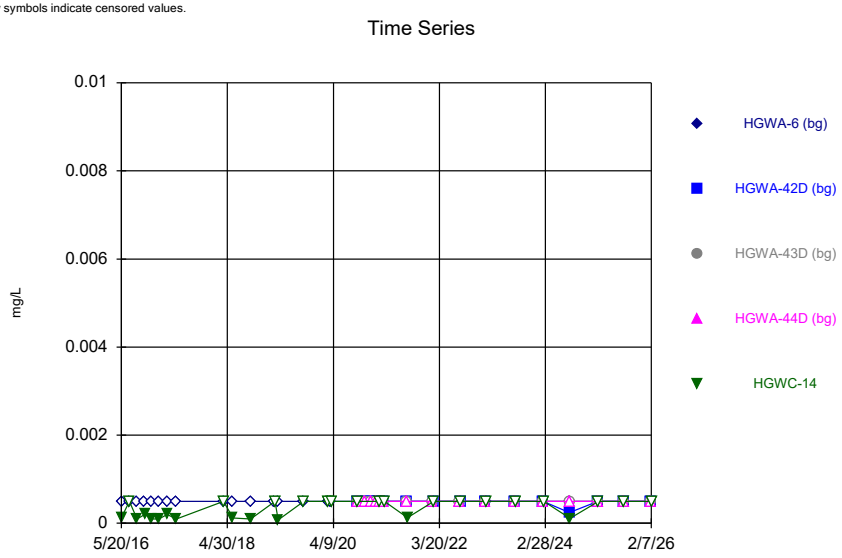


Constituent: Cadmium Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



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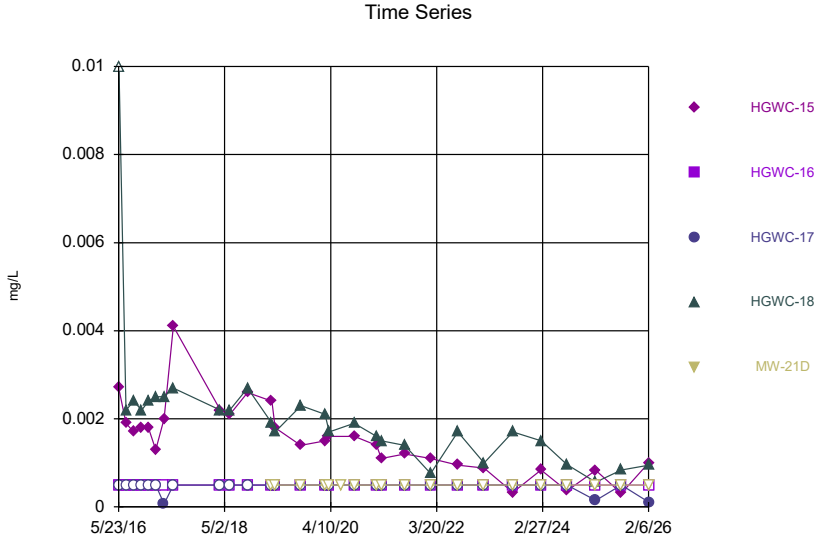

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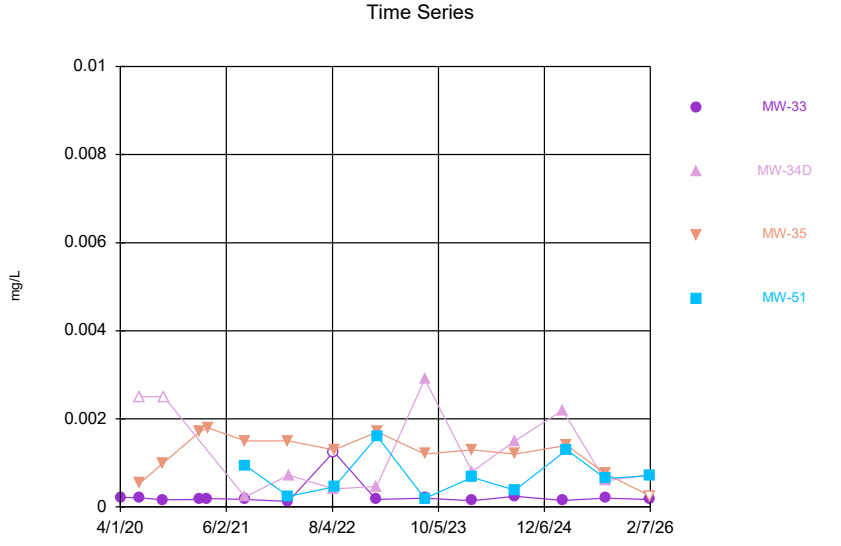

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Plant Hammond Client: Southern Company Data: Hammond AP2

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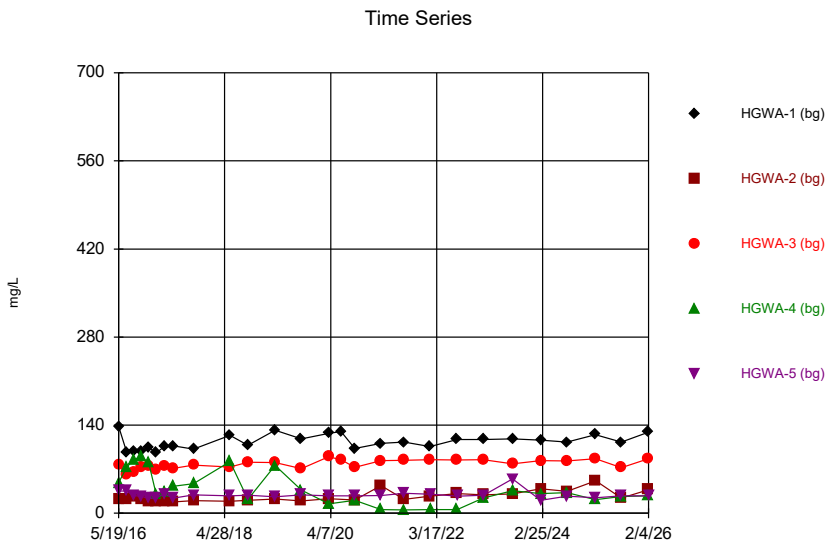

Constituent: Calcium Analysis Run 4/8/2026 8:25 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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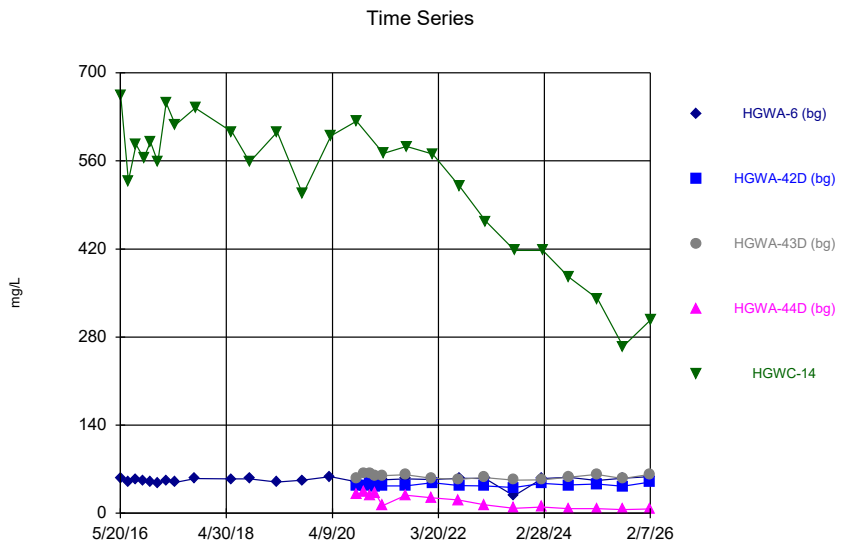

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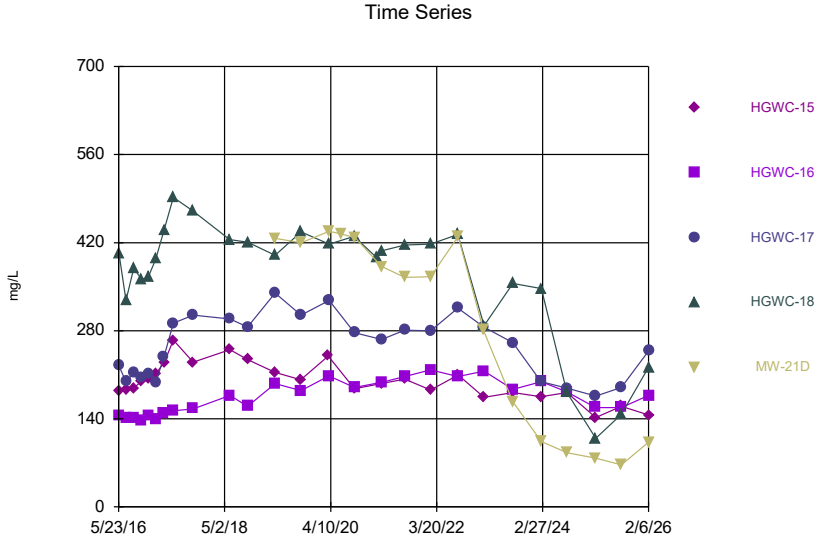

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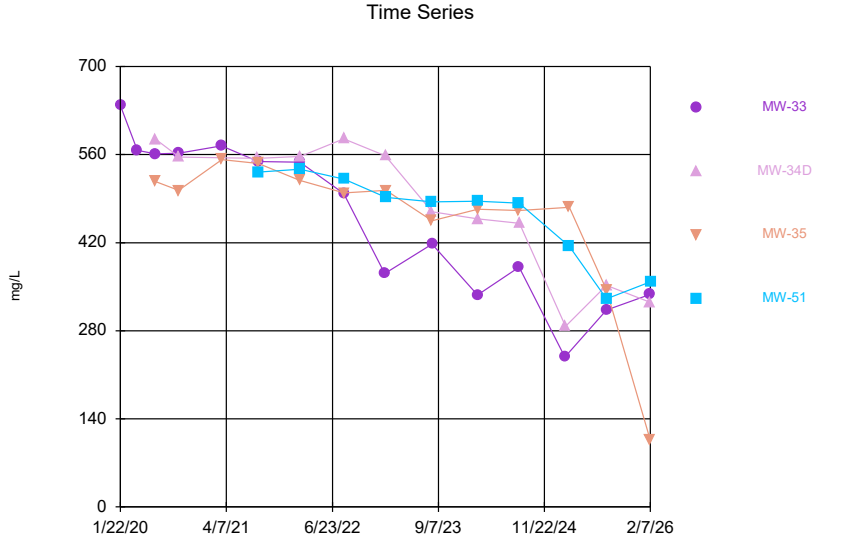

Constituent: Calcium Analysis Run 4/8/2026 8:25 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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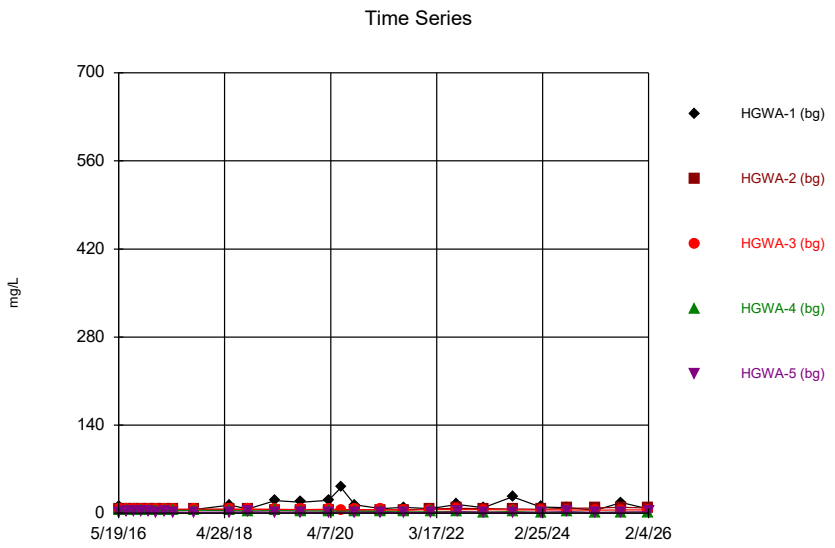

Constituent: Chloride Analysis Run 4/8/2026 8:25 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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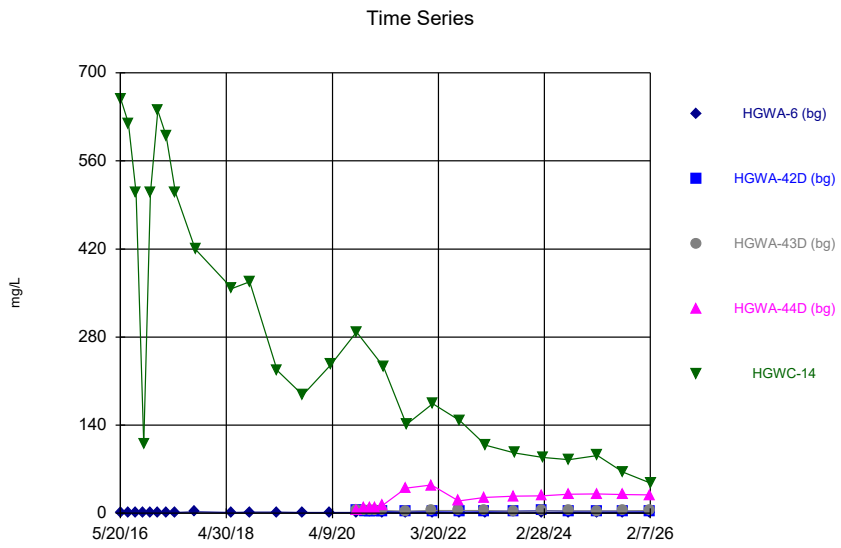

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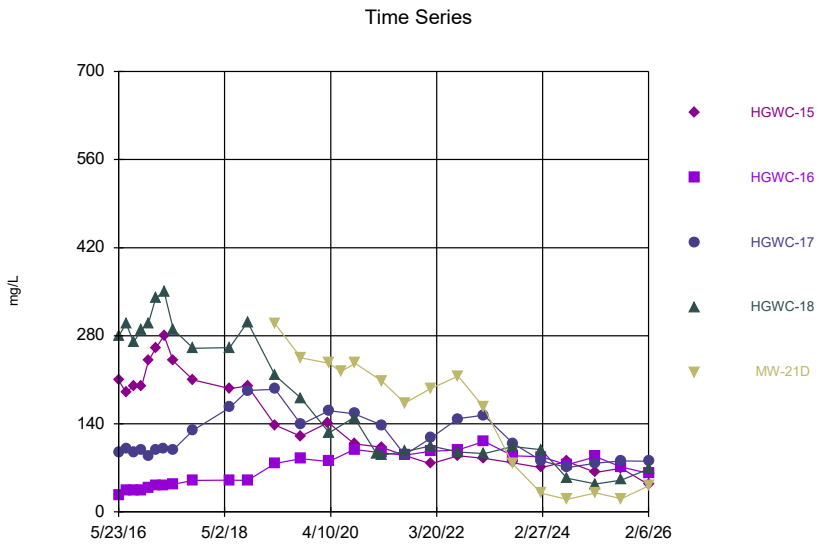
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



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Plant Hammond Client: Southern Company Data: Hammond AP2

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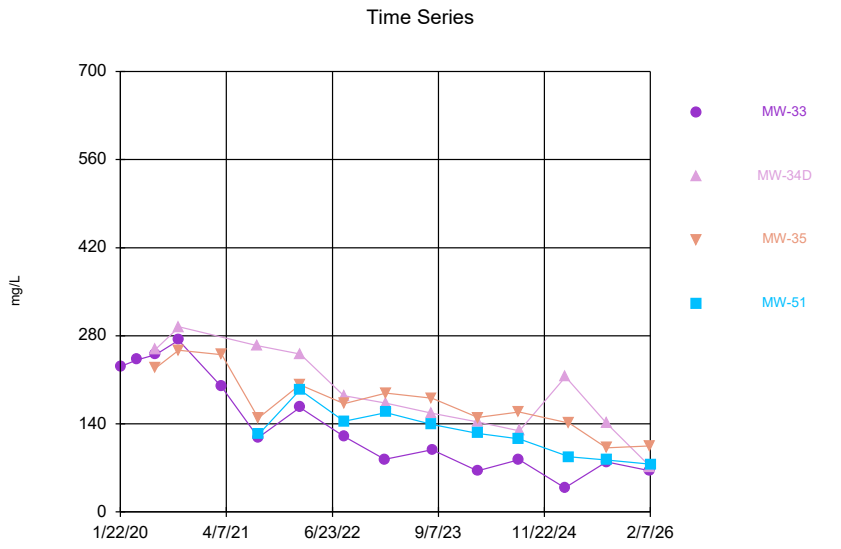

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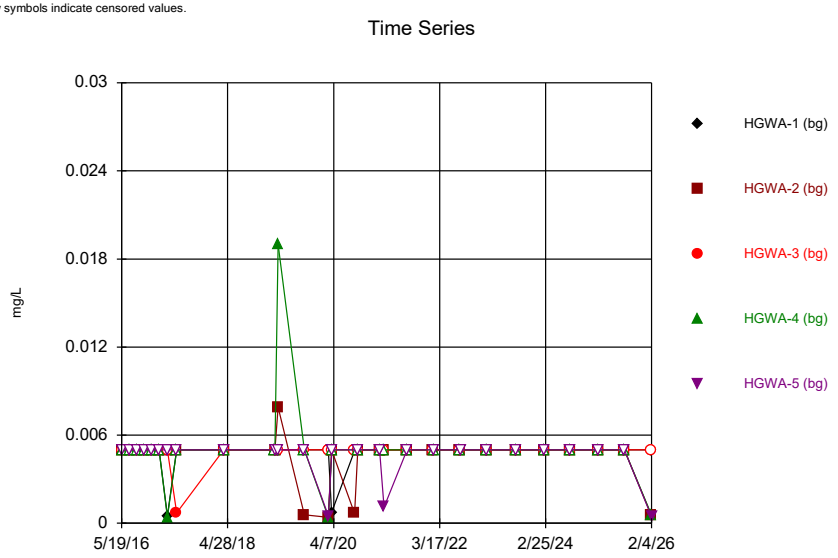
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Chromium Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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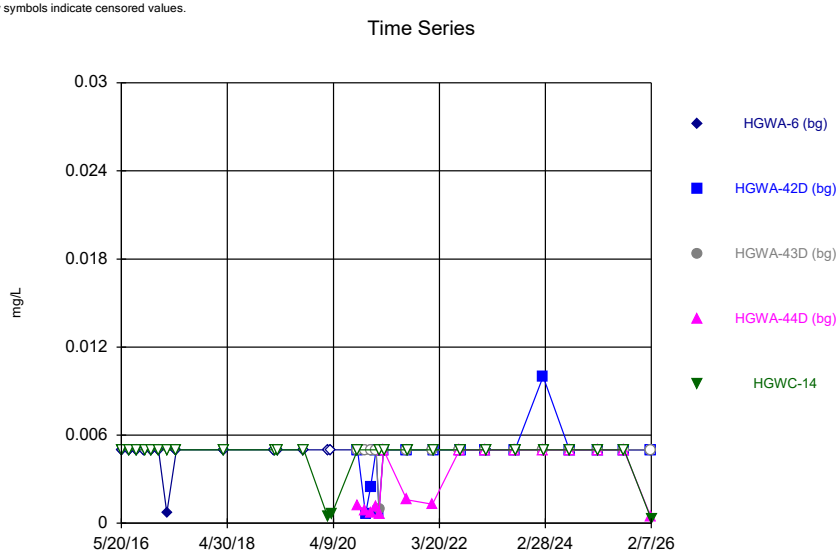
Hollow symbols indicate censored values.



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Plant Hammond Client: Southern Company Data: Hammond AP2

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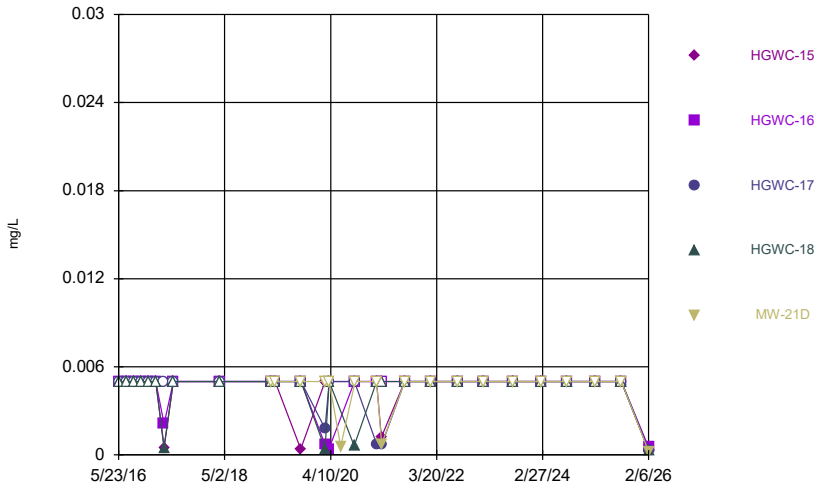
Hollow symbols indicate censored values.



Constituent: Chromium Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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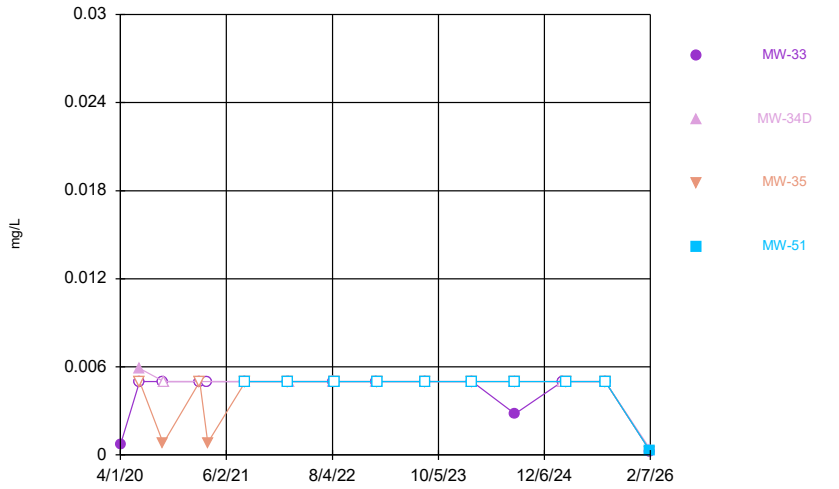
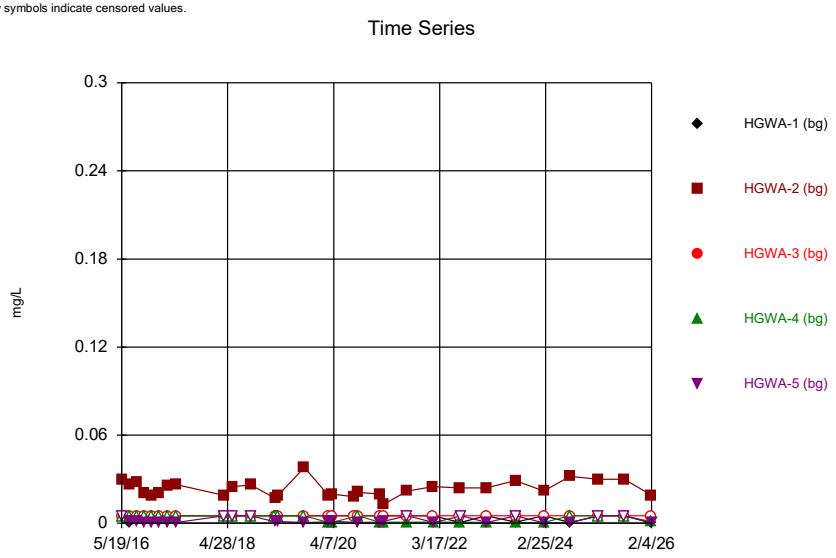


Constituent: Chromium Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Cobalt Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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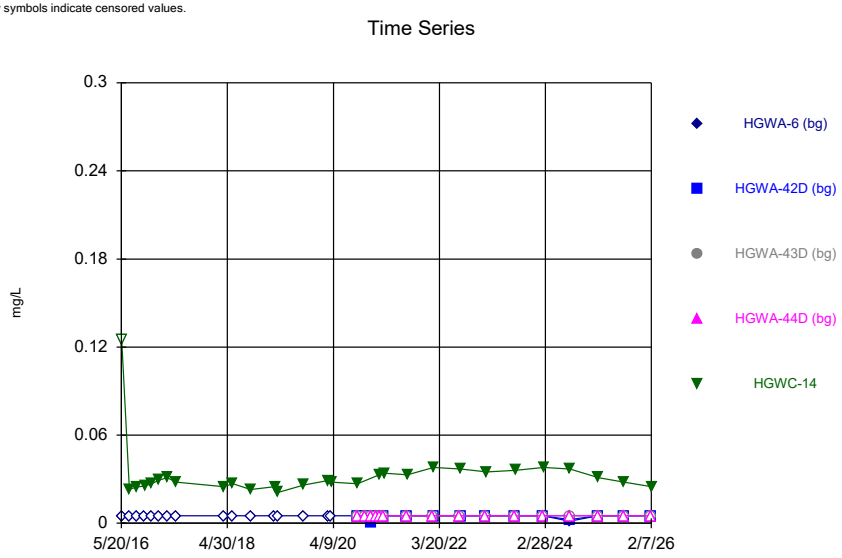
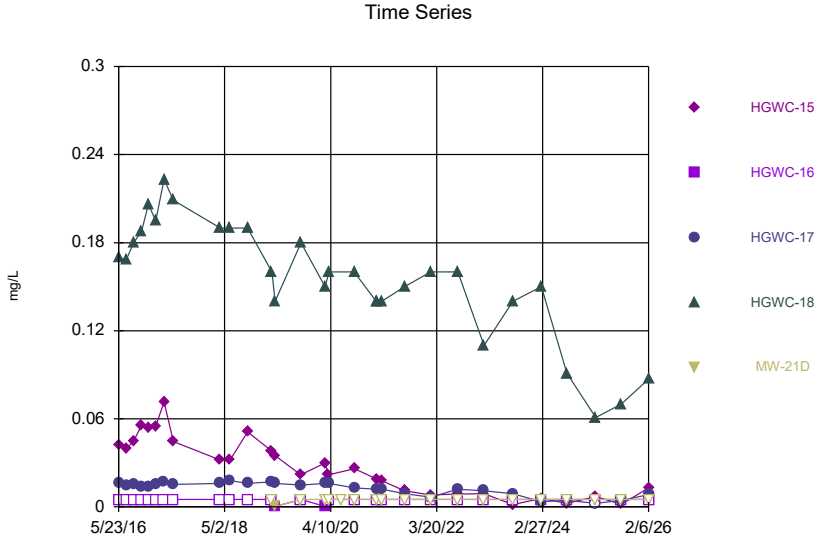
Hollow symbols indicate censored values.



Constituent: Cobalt Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Cobalt Analysis Run 4/8/2026 8:26 AM
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Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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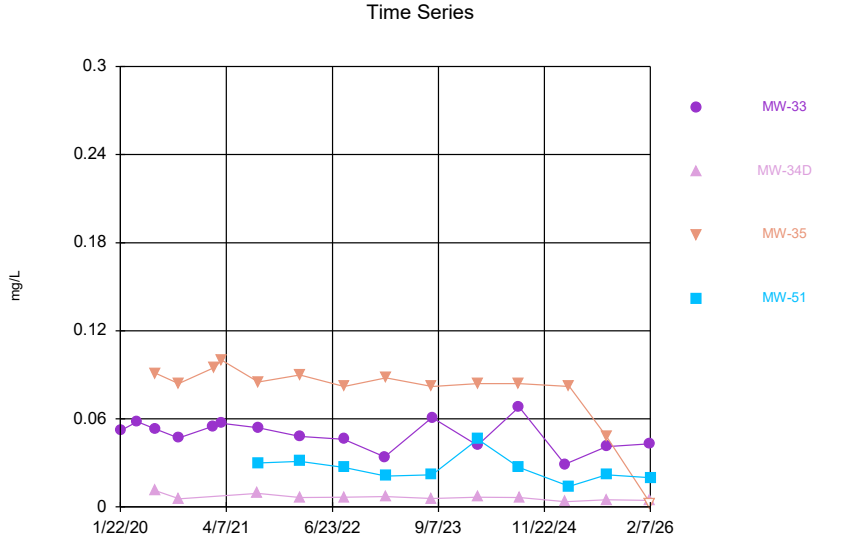

Constituent: Cobalt Analysis Run 4/8/2026 8:26 AM
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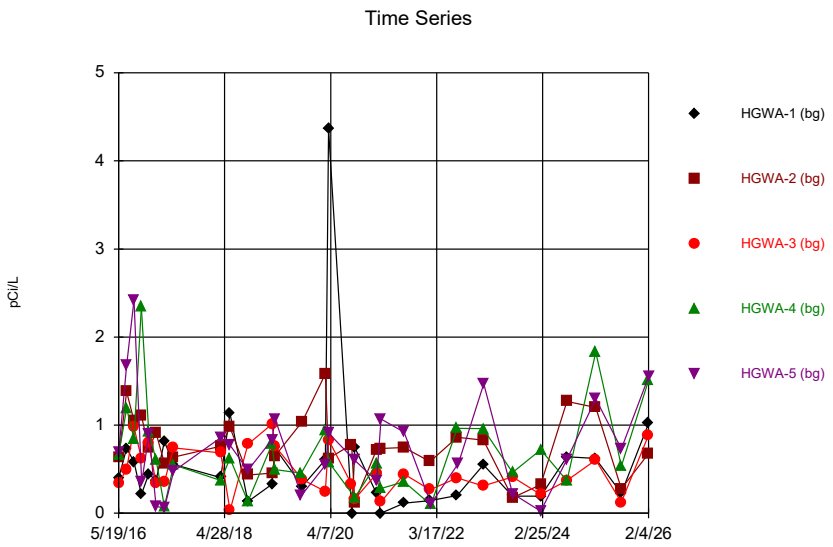
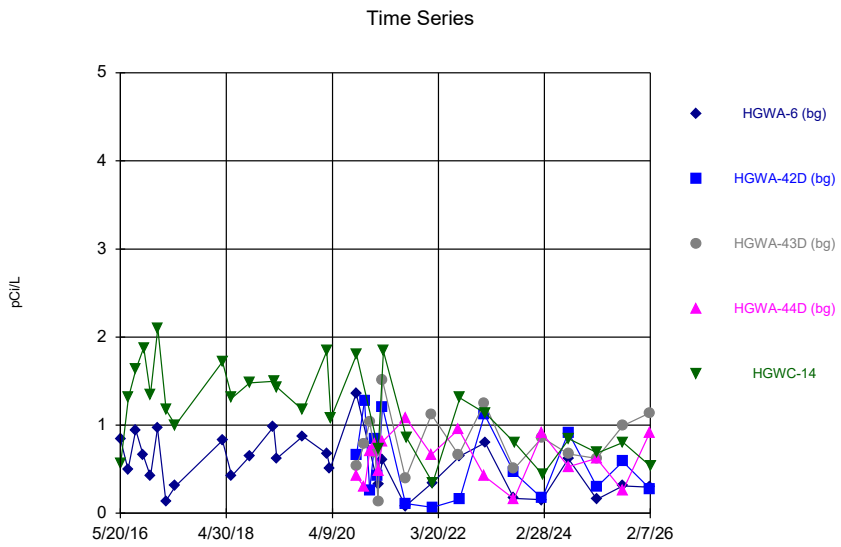
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



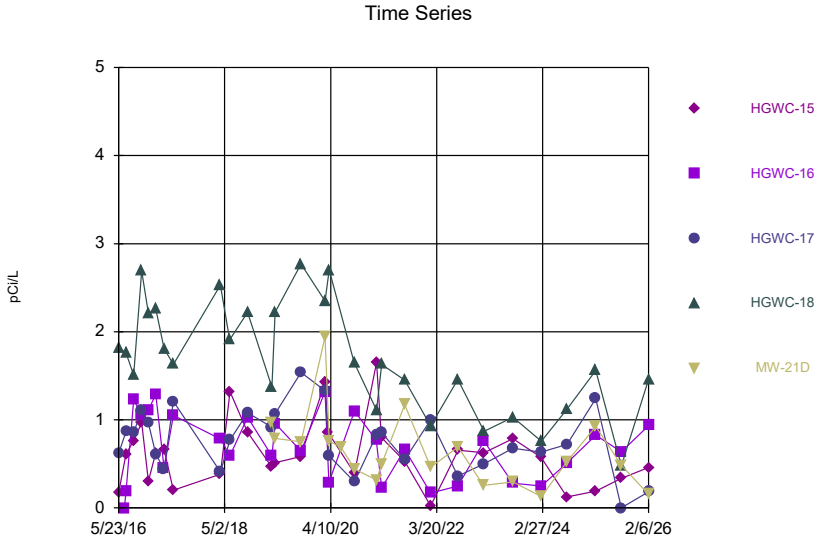
Constituent: Combined Radium 226 + 228 Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



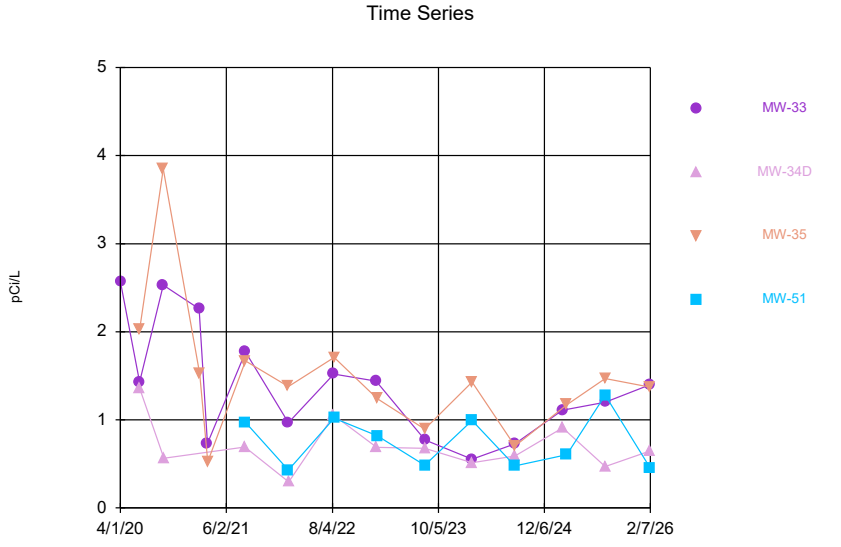
Constituent: Combined Radium 226 + 228 Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



Constituent: Combined Radium 226 + 228 Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



Constituent: Combined Radium 226 + 228 Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

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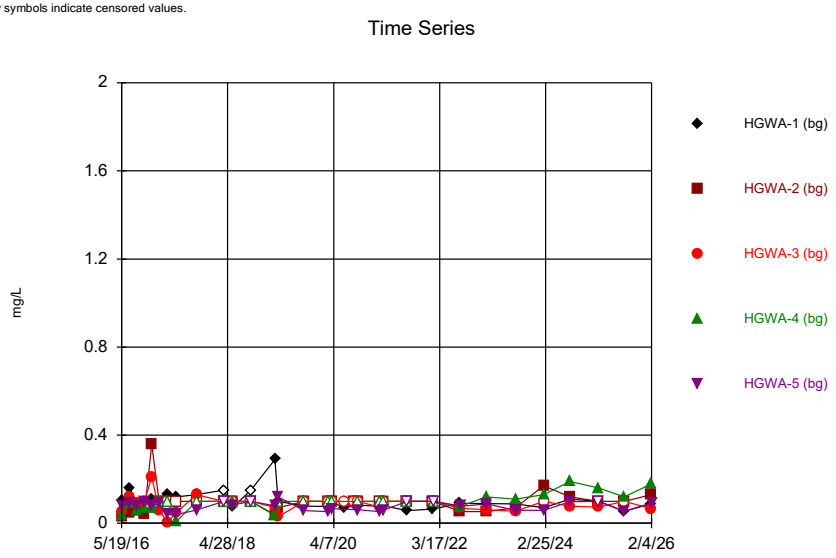
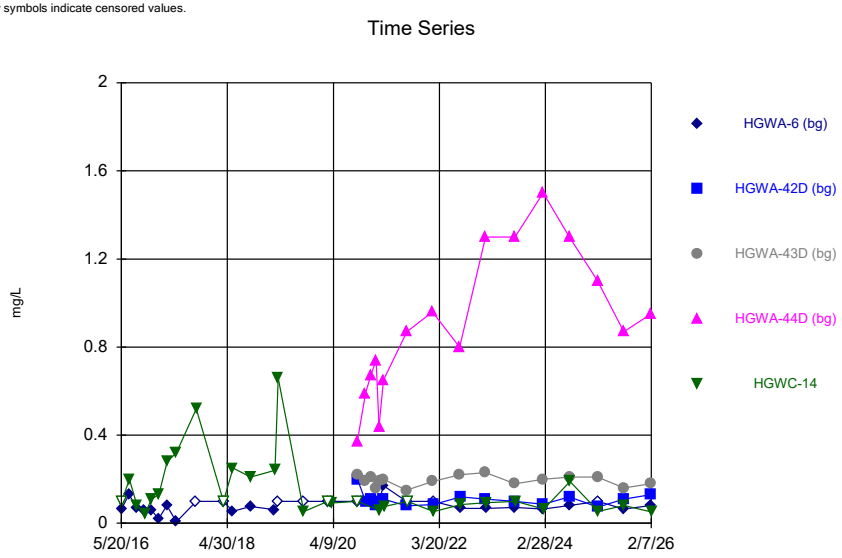
Hollow symbols indicate censored values.



Constituent: Fluoride Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Fluoride Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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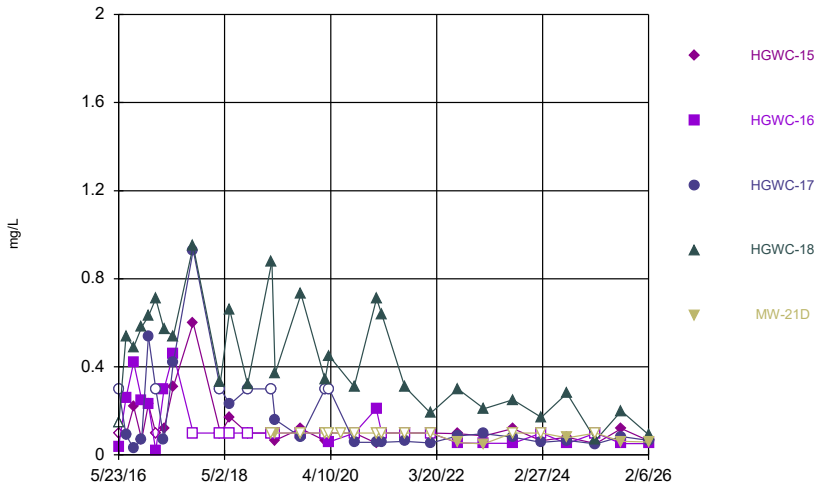

Constituent: Fluoride Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
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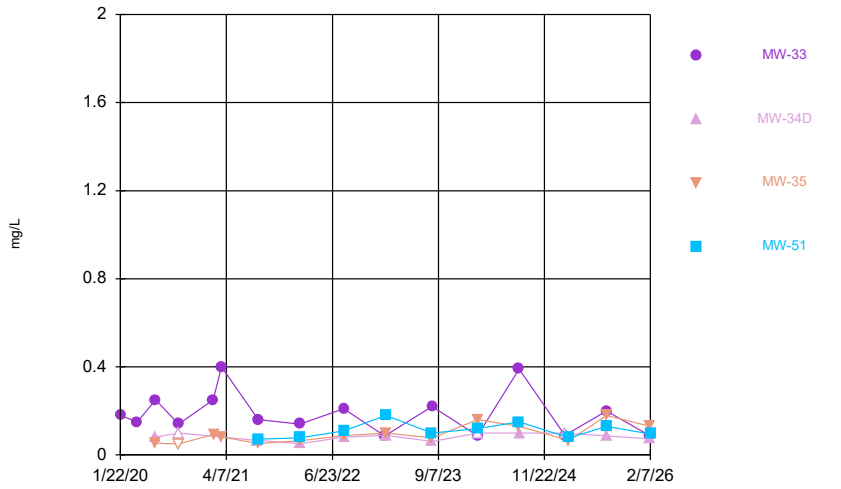
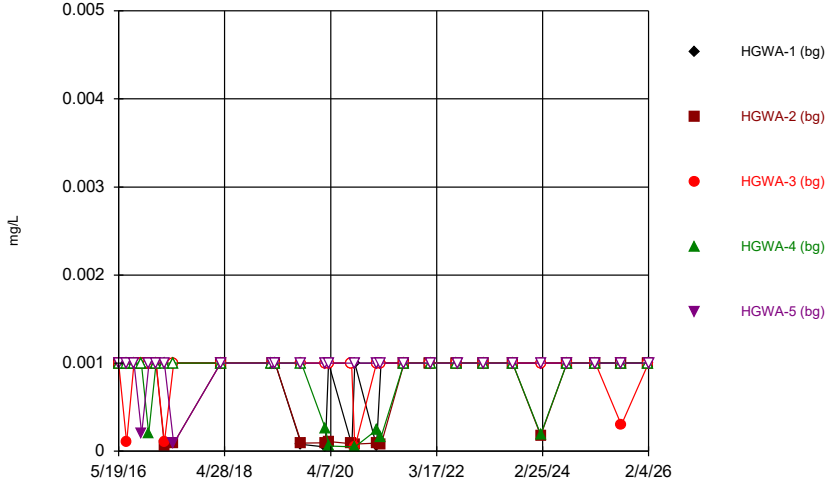


Constituent: Fluoride Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

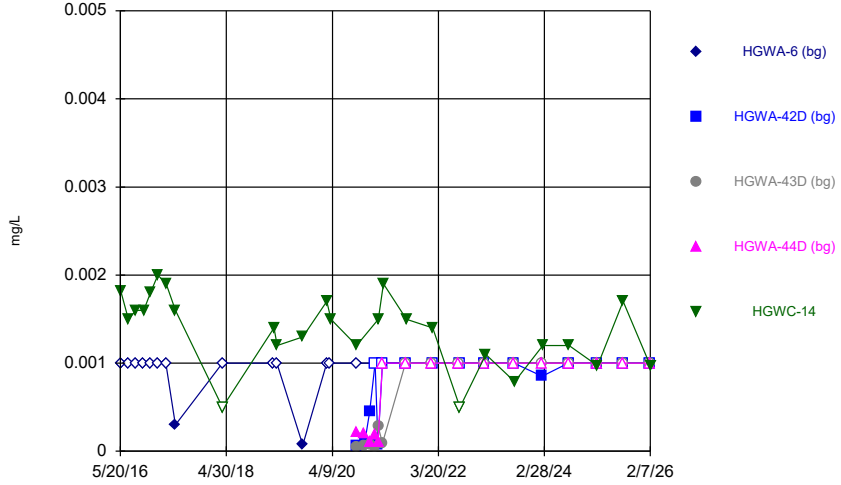
Time Series



Constituent: Lead Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

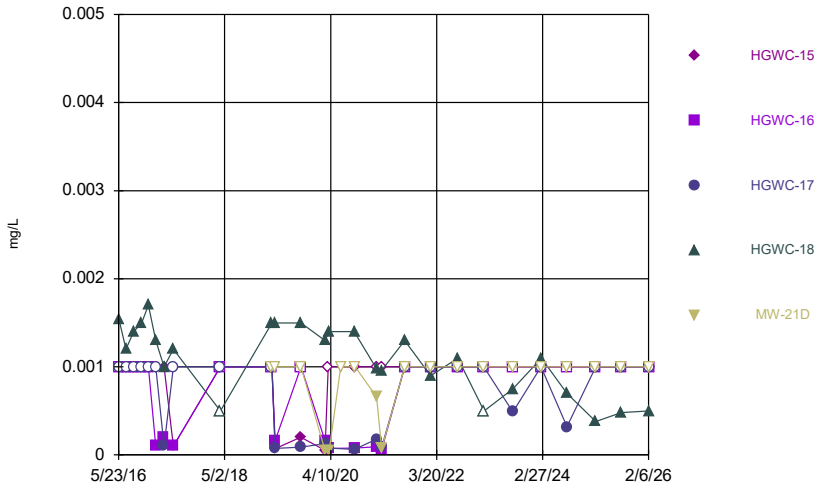
Time Series



Constituent: Lead Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

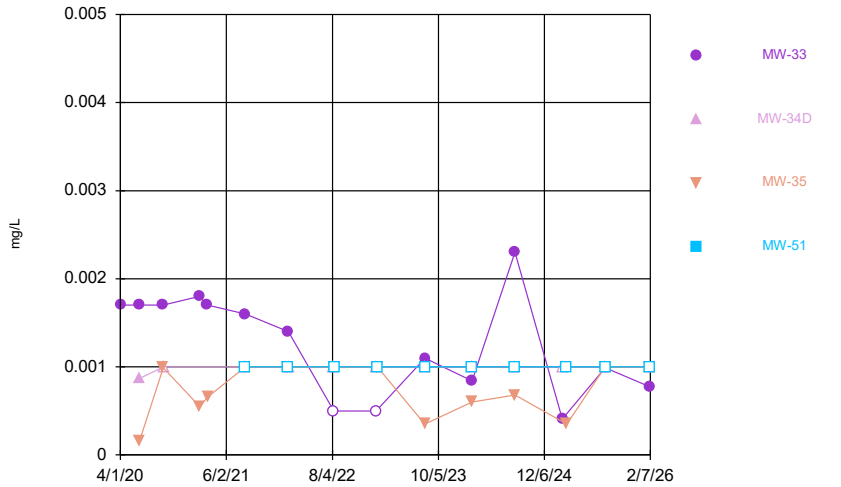
Time Series



Constituent: Lead Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

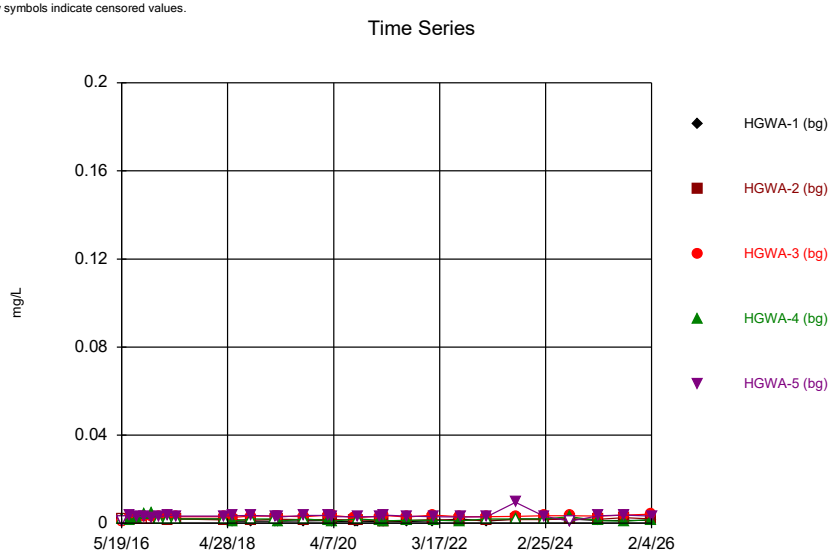
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



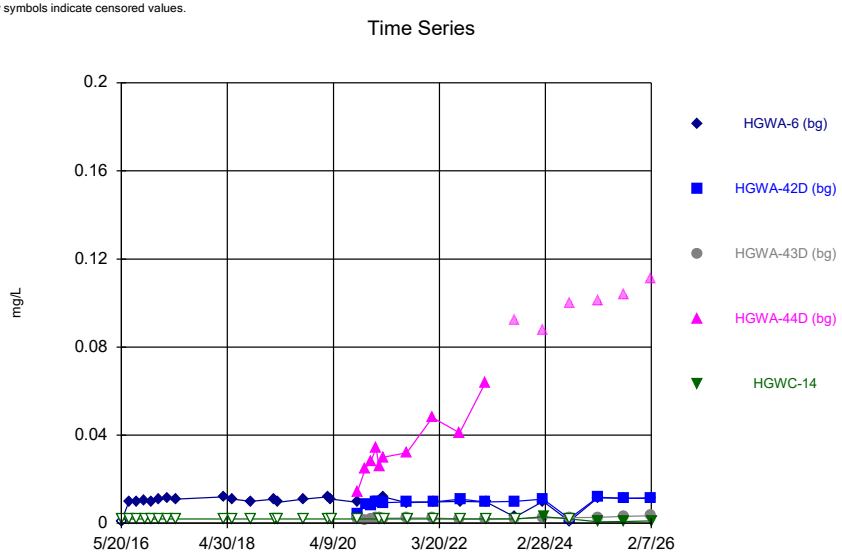
Constituent: Lead Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



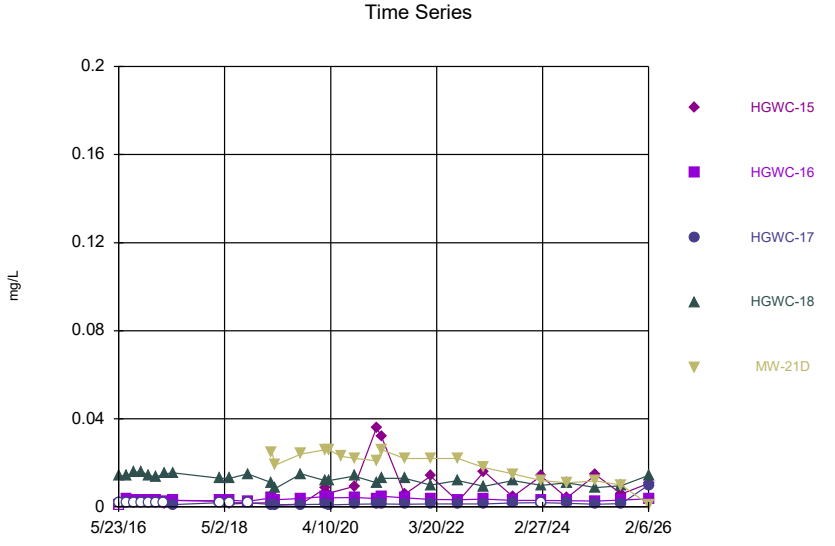
Constituent: Lithium Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



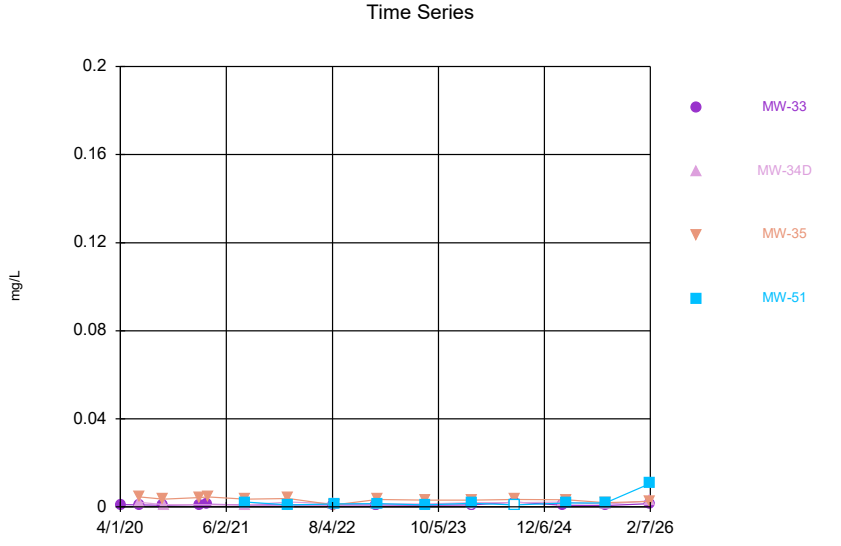
Constituent: Lithium Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Lithium Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

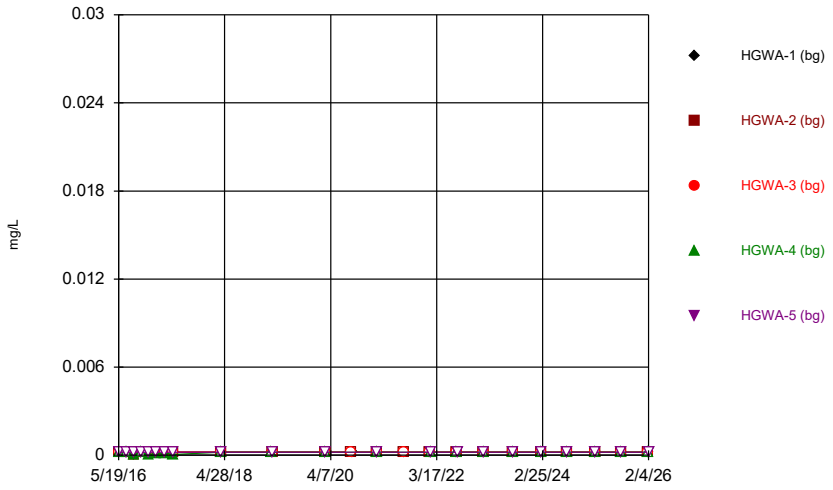
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Lithium Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

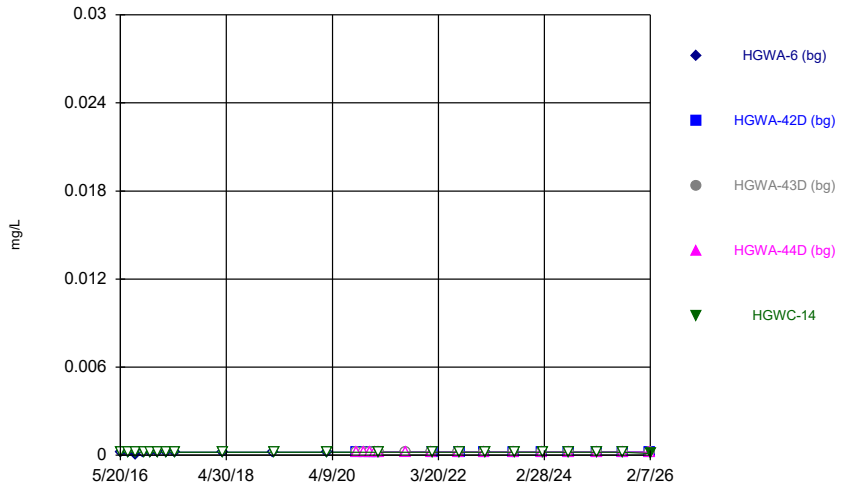
Time Series



Constituent: Mercury Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

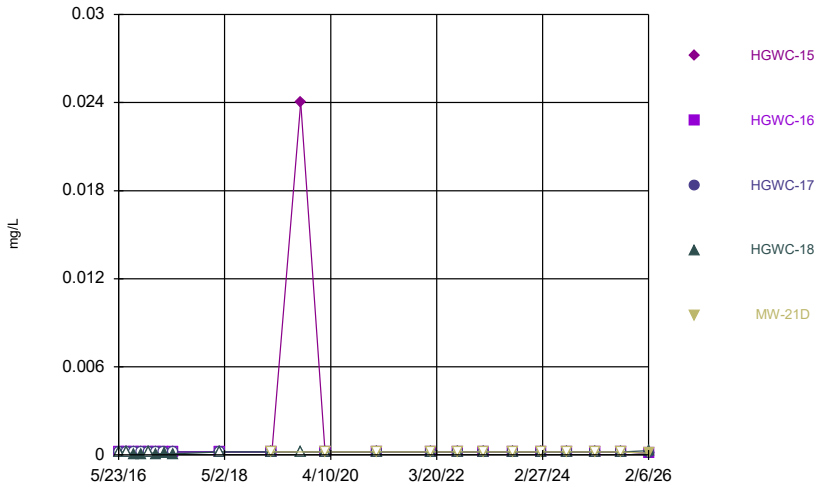
Time Series



Constituent: Mercury Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

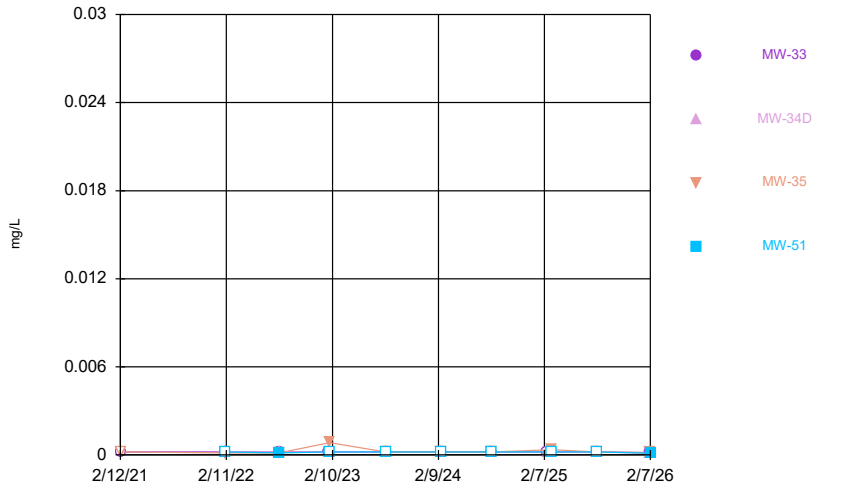
Time Series



Constituent: Mercury Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

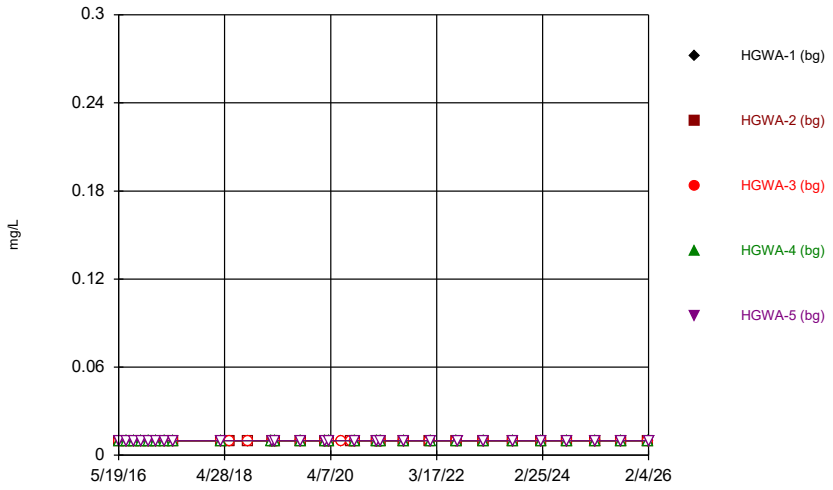
Time Series



Constituent: Mercury Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

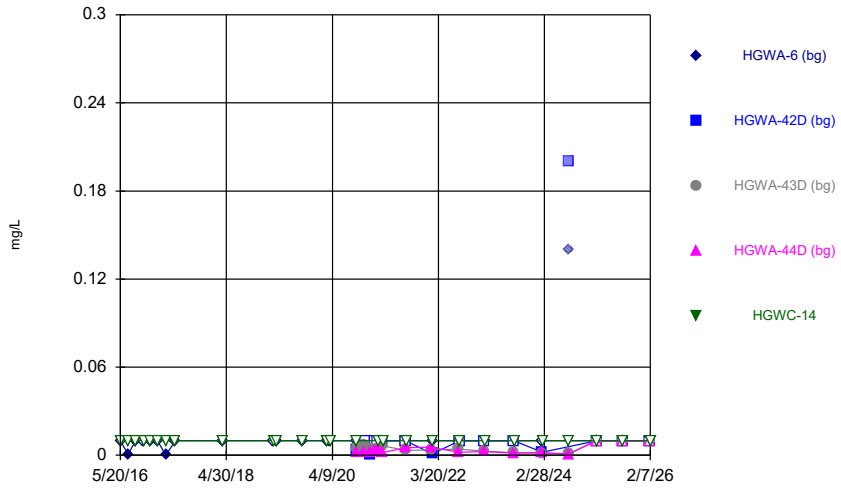
Time Series



Constituent: Molybdenum Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

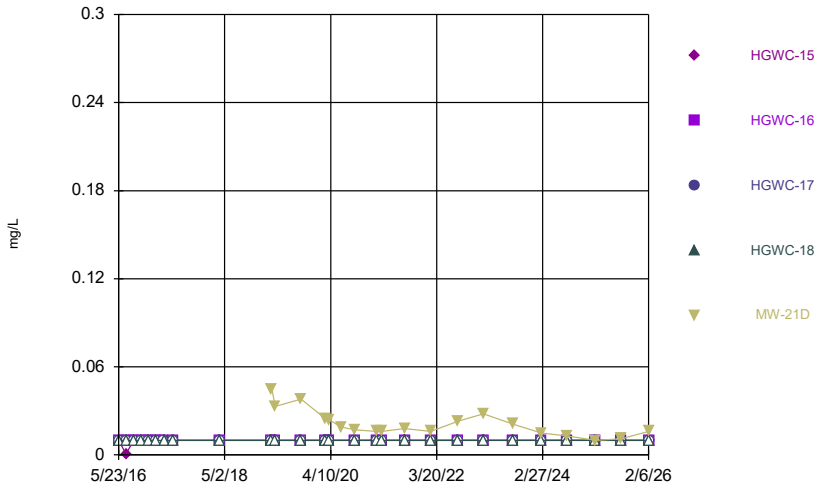
Time Series



Constituent: Molybdenum Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

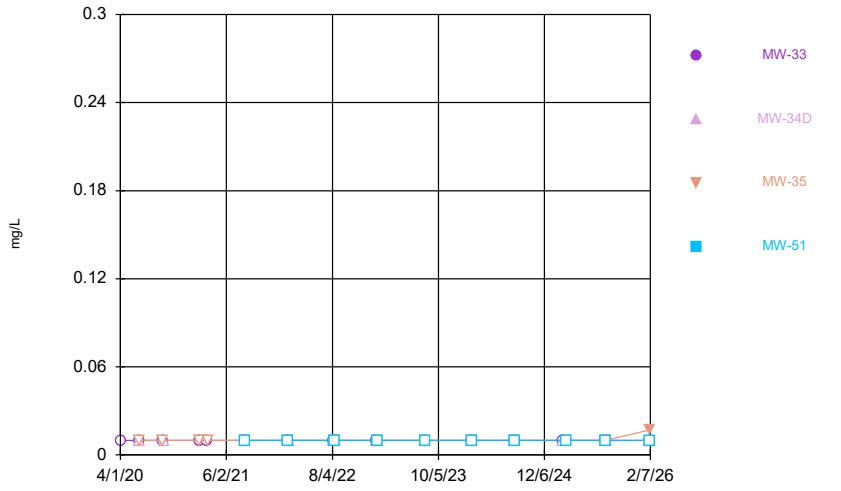
Time Series



Constituent: Molybdenum Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

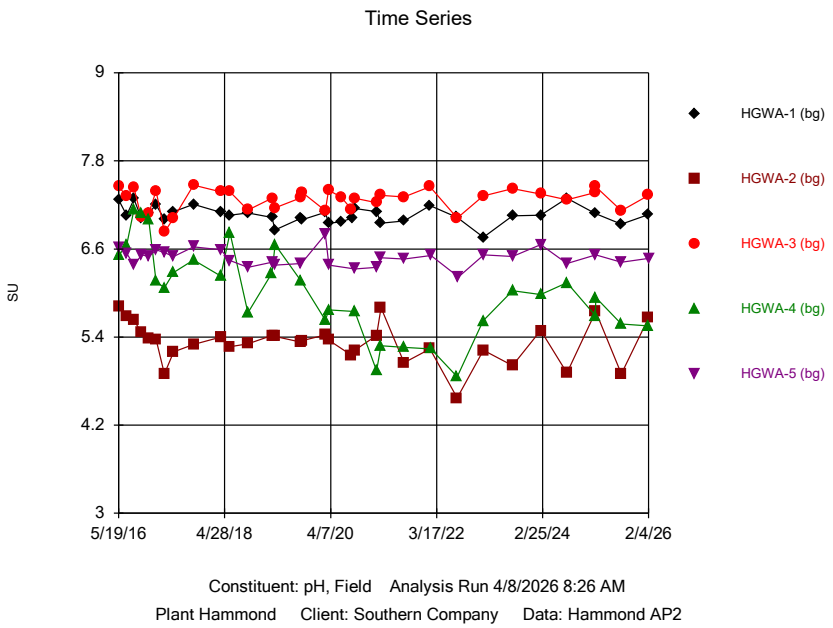
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series

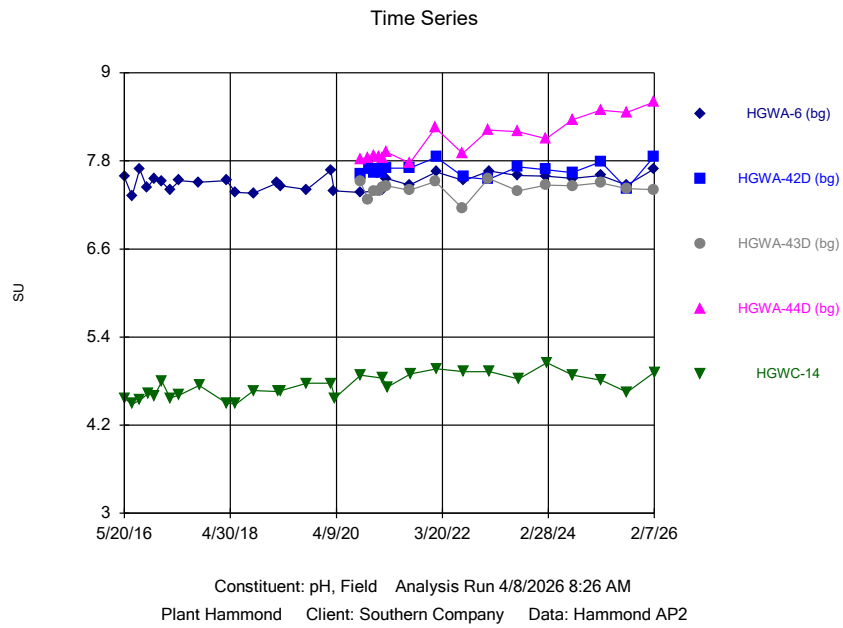


Constituent: Molybdenum Analysis Run 4/8/2026 8:26 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

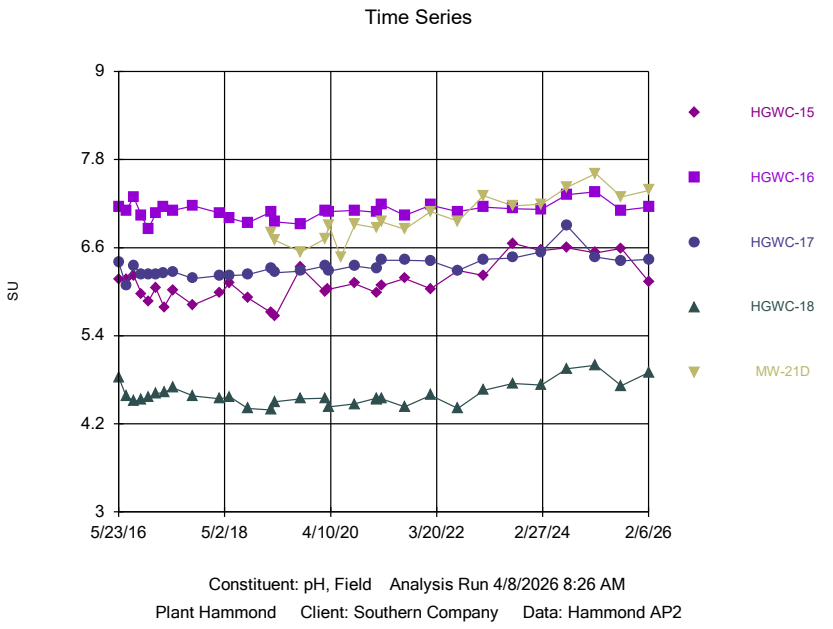
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



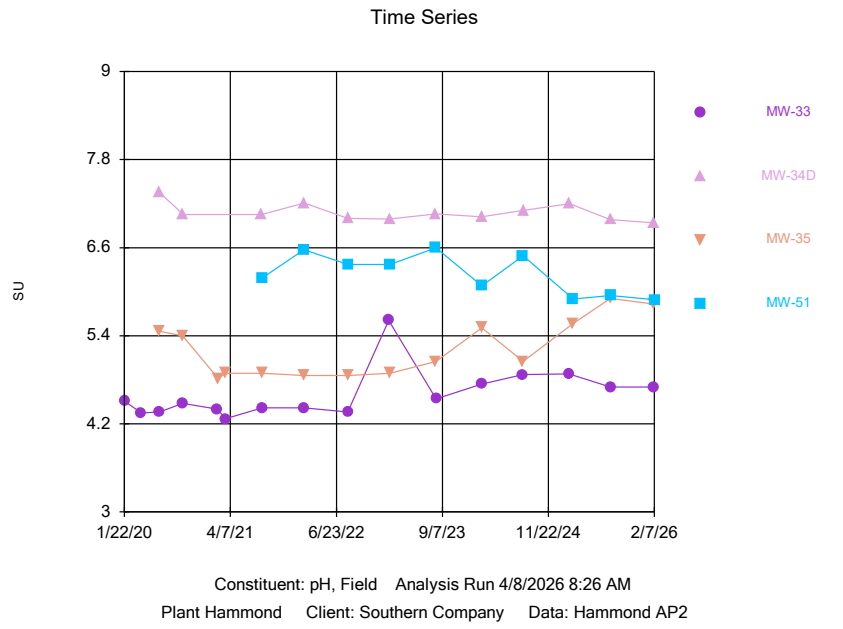
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



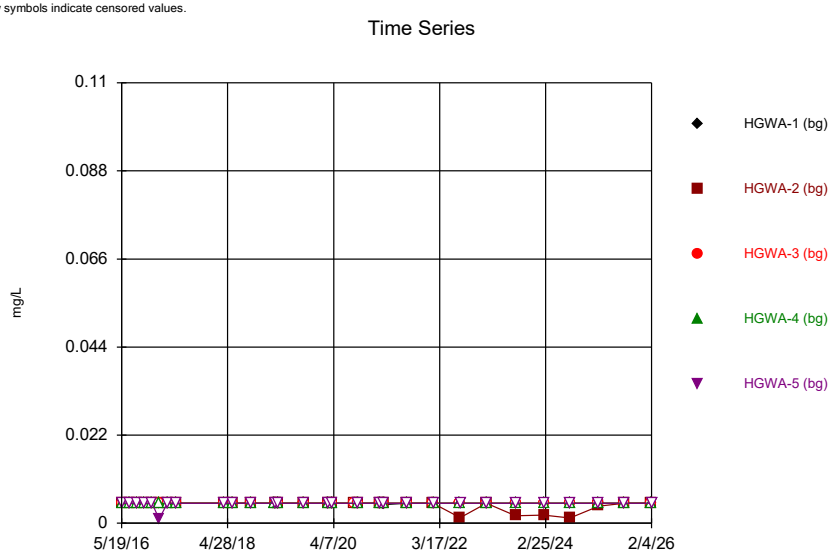
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

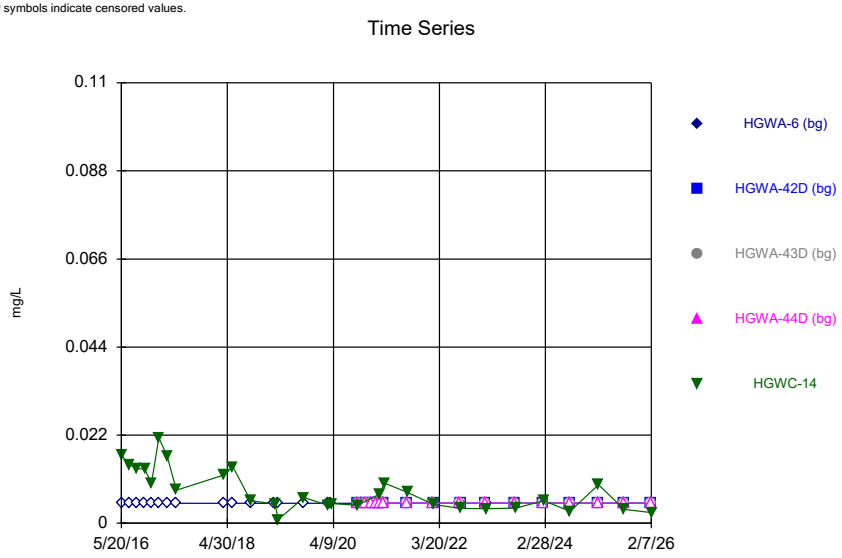


Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



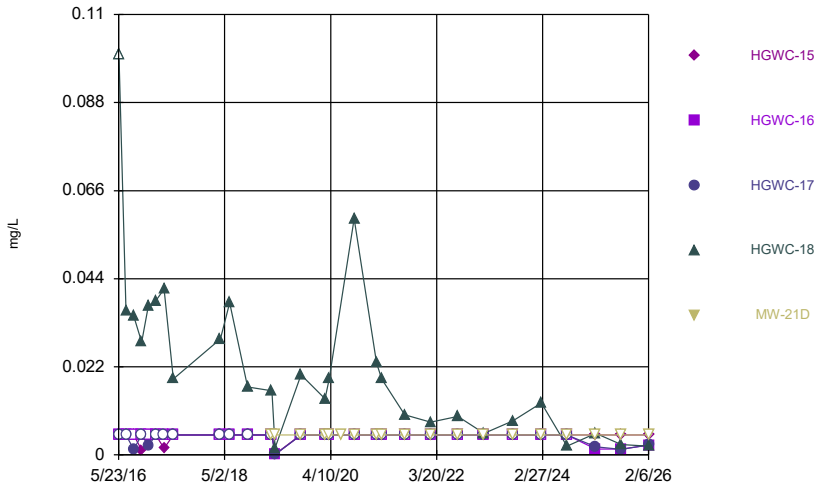
Constituent: Selenium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



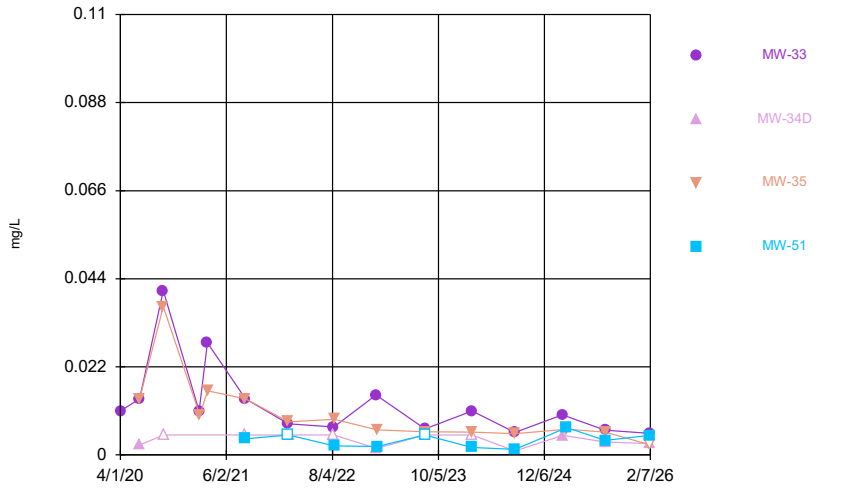
Constituent: Selenium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



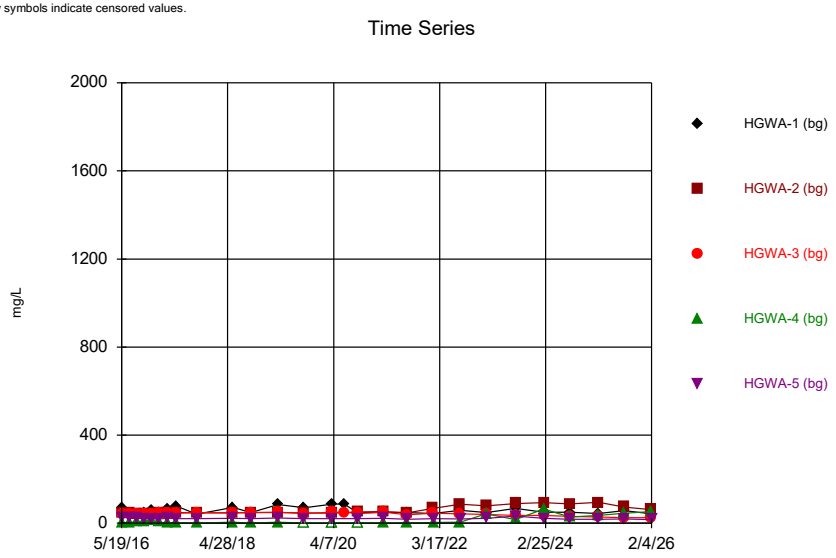
Constituent: Selenium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



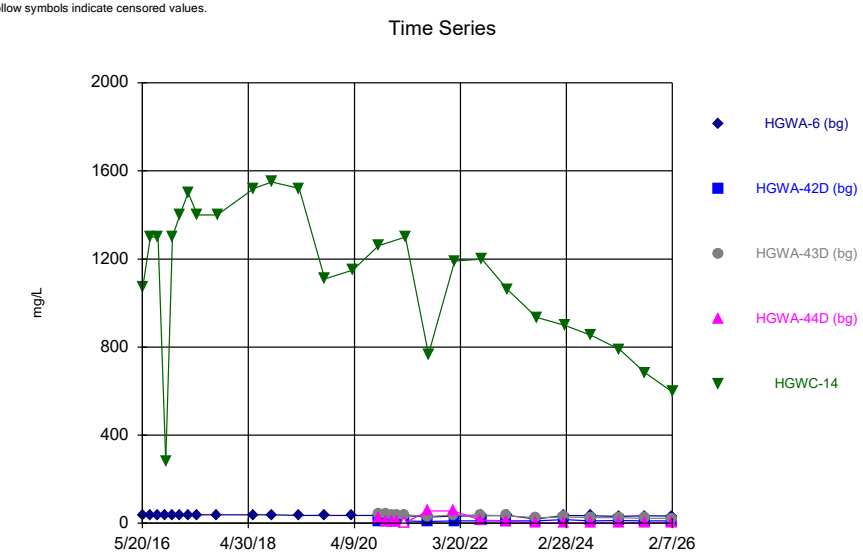
Constituent: Selenium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



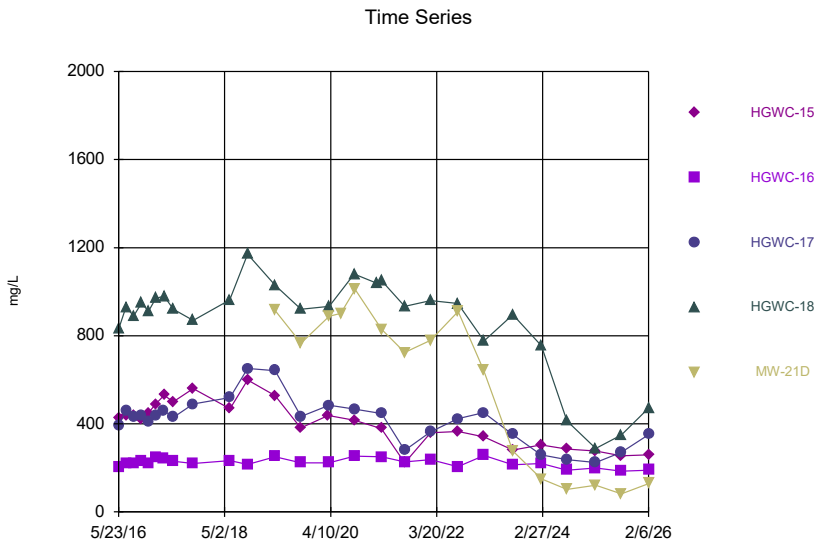
Constituent: Sulfate Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



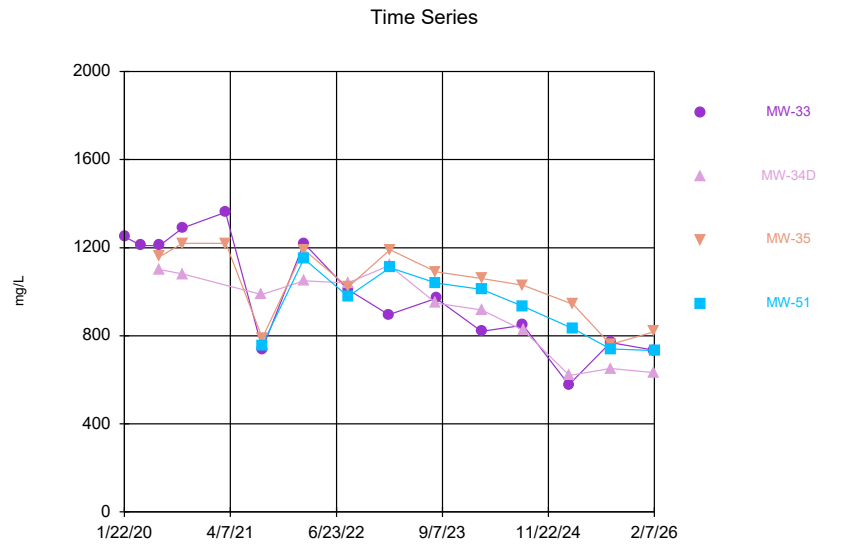
Constituent: Sulfate Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



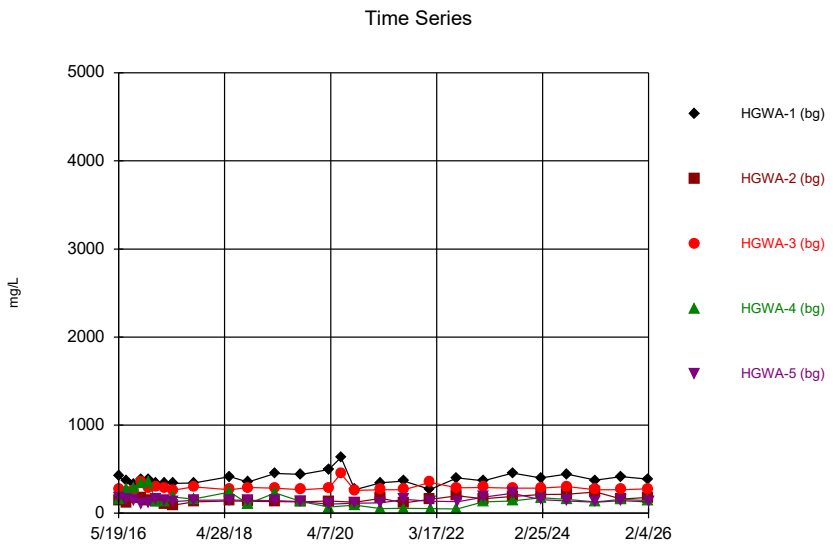
Constituent: Sulfate Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

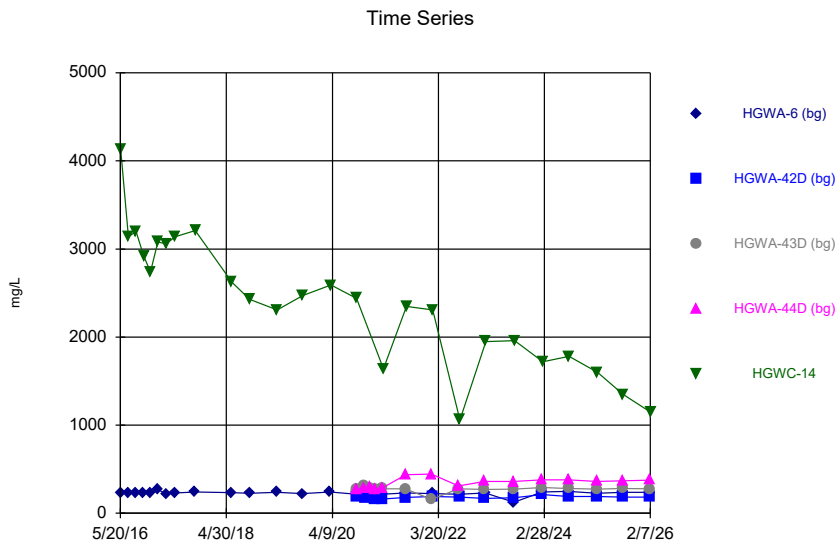


Constituent: Sulfate Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

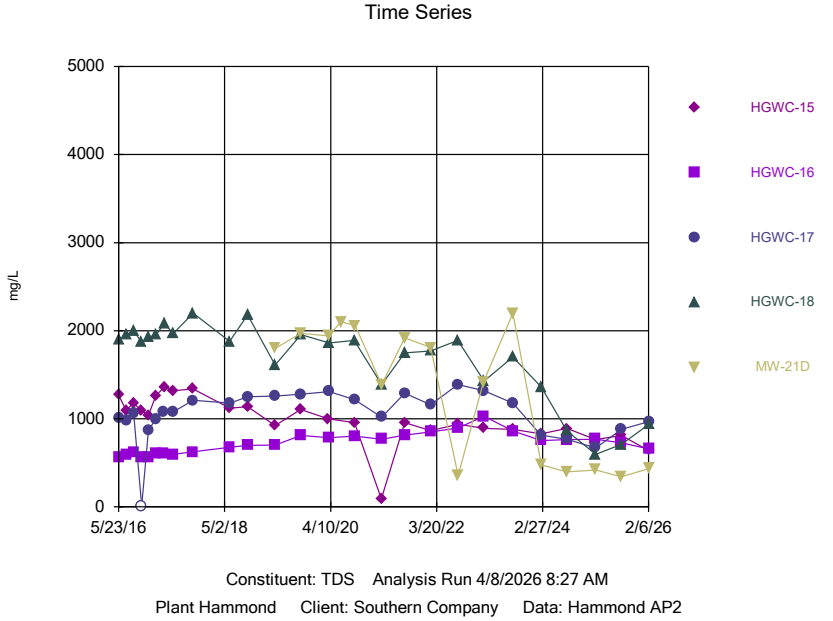
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



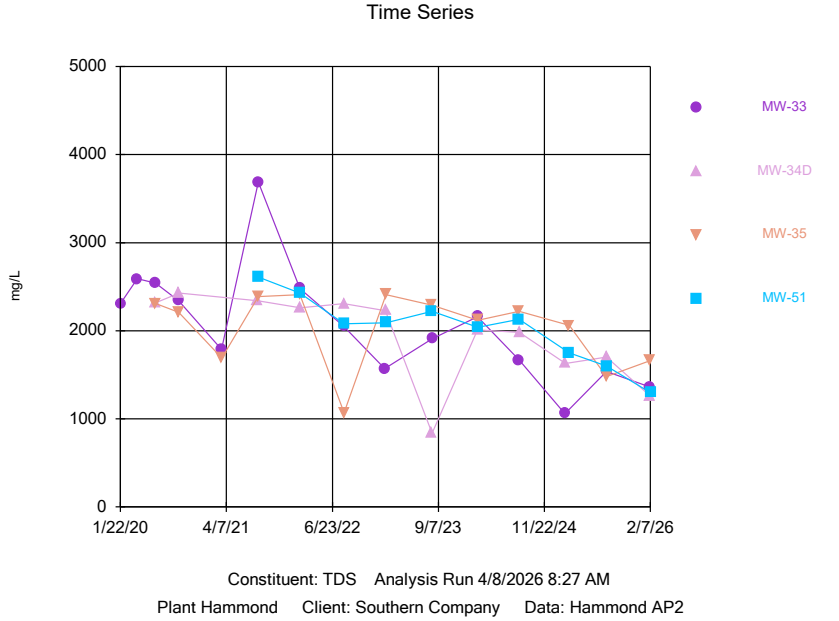
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



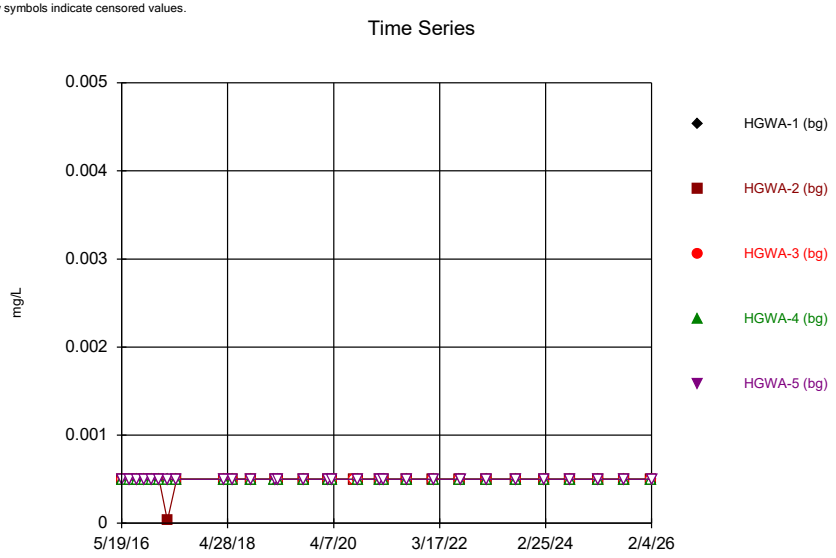
Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

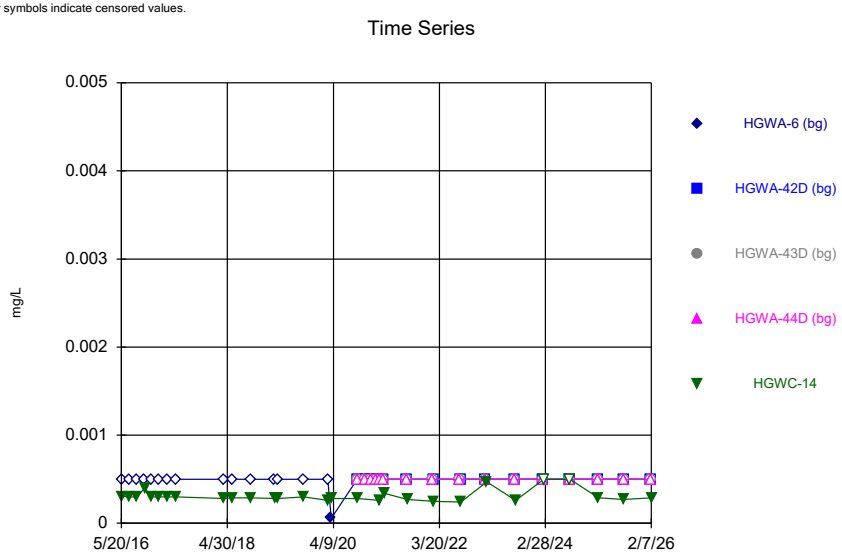


Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



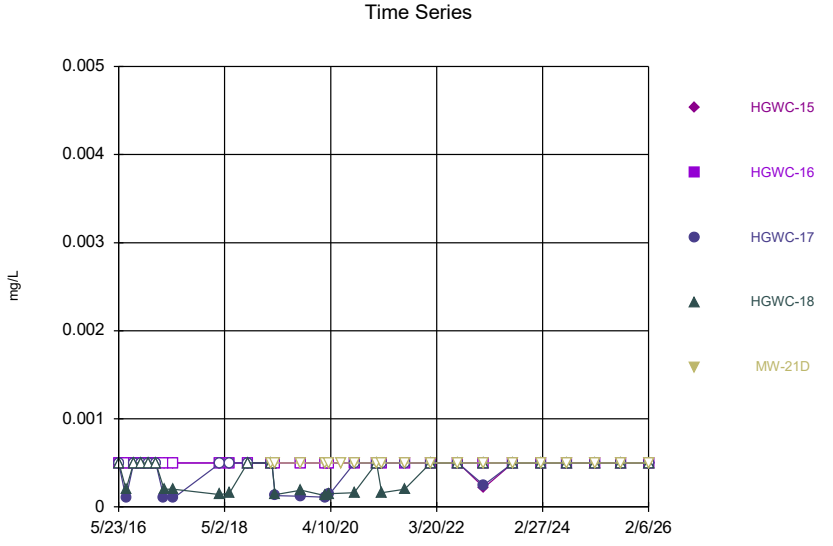
Constituent: Thallium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



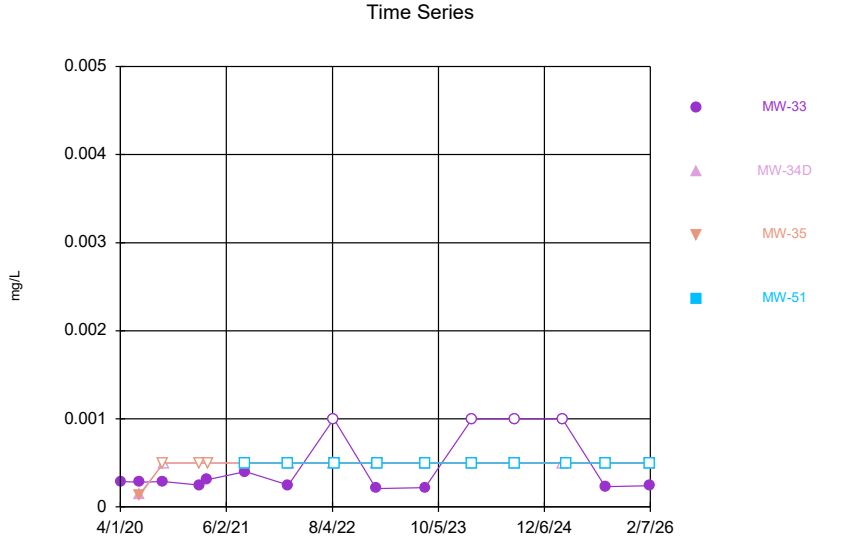
Constituent: Thallium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Thallium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Thallium Analysis Run 4/8/2026 8:27 AM
Plant Hammond Client: Southern Company Data: Hammond AP2

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.002	<0.002	<0.002	<0.002	<0.002
7/11/2016	<0.002	<0.002		<0.002	<0.002
7/12/2016			0.0003 (J)		
8/30/2016	<0.002	<0.002	<0.002	<0.002	<0.002
10/19/2016	0.0014 (J)	<0.002	<0.002	<0.002	
10/20/2016					0.0023 (J)
12/6/2016	<0.002	<0.002	<0.002	<0.002	
12/8/2016					<0.002
1/24/2017	<0.002	<0.002	<0.002	<0.002	<0.002
3/21/2017	<0.002	<0.002	<0.002	<0.002	<0.002
5/22/2017	<0.002	<0.002	<0.002		
5/23/2017				<0.002	<0.002
4/2/2018	<0.002	<0.002		<0.002	
4/3/2018			<0.002		<0.002
3/11/2019				<0.002	
3/12/2019	<0.002	<0.002	<0.002		<0.002
4/1/2019			<0.002		
4/2/2019	<0.002	<0.002			
9/23/2019	<0.002	<0.002	<0.002		
3/2/2020	<0.002	<0.002	<0.002	<0.002	<0.002
3/25/2020	<0.002	<0.002	<0.002		
8/25/2020		<0.002	<0.002		
8/28/2020	<0.002				
9/15/2020	<0.002	<0.002	<0.002		
2/8/2021	<0.002			<0.002	
2/9/2021		0.00062 (J)	0.00031 (J)		<0.002
3/10/2021	<0.002			<0.002	
3/11/2021		<0.002	<0.002		<0.002
8/11/2021	<0.002				
8/12/2021		<0.002	<0.002	<0.002	0.0014 (J)
2/1/2022	<0.002	<0.002	<0.002		
2/7/2022				<0.002	<0.002
8/2/2022	<0.002	<0.002	<0.002	<0.002	
8/10/2022					<0.002
1/23/2023			<0.002	<0.002	
1/24/2023	<0.002	<0.002			
1/27/2023					<0.002
8/8/2023	<0.002	<0.002	<0.002	<0.002	0.003
2/13/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/5/2024	<0.002	<0.002	<0.002		
8/6/2024				<0.002	<0.002
2/12/2025	<0.002		<0.002	<0.002	
2/14/2025		<0.002			<0.002
8/5/2025	<0.002	<0.002	<0.002	<0.002	<0.002
2/3/2026	<0.002	<0.002	<0.002	<0.002	
2/4/2026					<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.002				
5/23/2016					<0.002
7/11/2016	0.001 (J)				
7/12/2016					0.0003 (J)
8/30/2016	<0.002				
9/1/2016					<0.002
10/20/2016	<0.002				
10/24/2016					<0.002
12/7/2016					<0.002
12/8/2016	<0.002				
1/24/2017	<0.002				
1/26/2017					<0.002
3/21/2017	<0.002				
3/23/2017					<0.002
5/23/2017	<0.002				
5/24/2017					<0.002
4/3/2018	<0.002				
4/4/2018					<0.002
3/12/2019	<0.002				
3/14/2019					<0.002
3/2/2020	<0.002				
3/3/2020					<0.002
9/16/2020			0.00051 (J)	0.00049 (J)	
9/17/2020		0.00055 (J)			
11/10/2020			0.00043 (J)	<0.002	
11/11/2020		<0.002			
12/15/2020		0.00035 (J)	0.00031 (J)	0.00047 (J)	
1/19/2021			0.00029 (J)	0.00067 (J)	
1/20/2021		<0.002			
2/8/2021		0.0019 (J)			
2/9/2021	<0.002		0.00037 (J)	0.00042 (J)	
2/11/2021					0.00043 (J)
3/10/2021		<0.002		0.00037 (J)	
3/11/2021	<0.002		0.00057 (J)		
3/17/2021					<0.002
8/11/2021			<0.002		
8/12/2021	<0.002	<0.002			
8/13/2021				<0.002	
8/18/2021					<0.002
2/1/2022			<0.002	0.0013 (J)	
2/7/2022	0.0014 (J)	<0.002			
2/9/2022					<0.002
8/2/2022			<0.002	<0.002	
8/9/2022		<0.002			
8/10/2022	<0.002				
8/11/2022					0.001 (J)
1/23/2023		0.0016 (J)			
1/24/2023			<0.002	<0.002	
1/27/2023	<0.002				
2/1/2023					<0.002
8/8/2023	0.0013 (J)	<0.002	<0.002	<0.002	
8/13/2023					0.0032

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/13/2024	<0.002	<0.002	<0.002	<0.002	
2/17/2024					<0.002
8/6/2024	<0.002	<0.002	<0.002	<0.002	
8/10/2024					<0.002
2/12/2025			<0.002	<0.002	
2/14/2025	<0.002	<0.002			
2/18/2025					<0.002
8/5/2025	<0.002	<0.002	<0.002	<0.002	
8/8/2025					0.00052 (J)
2/3/2026			<0.002	<0.002	
2/4/2026	<0.002	<0.002			
2/7/2026					<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.003	<0.002	<0.002		
5/24/2016				<0.002	
7/12/2016	<0.003	<0.002	<0.002	<0.002	
9/1/2016	<0.003	<0.002	<0.002	<0.002	
10/24/2016	<0.003				
10/25/2016		<0.002	<0.002	<0.002	
12/7/2016	<0.003	<0.002	<0.002		
12/8/2016				<0.002	
1/26/2017	<0.003	<0.002	<0.002	<0.002	
3/22/2017		<0.002	<0.002		
3/23/2017	<0.003			<0.002	
5/24/2017	<0.003	<0.002			
5/25/2017			<0.002	<0.002	
4/3/2018	<0.003	<0.002	<0.002	<0.002	
3/14/2019	<0.003			<0.002	
3/15/2019		<0.002	<0.002		<0.002
3/3/2020	<0.003	<0.002	<0.002	<0.002	<0.002
2/10/2021		<0.002			
2/11/2021			<0.002	<0.002	<0.002
2/12/2021	<0.003				
3/16/2021	<0.003				
3/17/2021		<0.002			
3/18/2021			<0.002	<0.002	<0.002
8/18/2021			<0.002		
8/19/2021	<0.003	<0.002		0.0008 (J)	<0.002
2/8/2022	0.002 (J)	<0.002	<0.002	<0.002	<0.002
8/10/2022		<0.002	<0.002	<0.002	
8/11/2022	0.0016 (J)				<0.002
1/27/2023					<0.002
1/30/2023			<0.002		
2/1/2023	0.0021 (J)	<0.002		<0.002	
8/12/2023					<0.002
8/13/2023	0.0027 (J)	<0.002	<0.002	<0.002	
2/17/2024	0.0014 (J)		<0.002		
2/18/2024		<0.002		<0.002	<0.002
8/8/2024	0.001 (J)		<0.002		
8/9/2024		<0.002		<0.002	<0.002
2/16/2025			<0.002		
2/17/2025	0.00056 (J)	<0.002			
2/18/2025				<0.002	<0.002
8/8/2025	0.00071 (J)	<0.002	<0.002	<0.002	<0.002
2/6/2026	0.00071 (J)	<0.002	<0.002	<0.002	<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
2/12/2021	0.00046 (J)			
2/15/2021			0.00041 (J)	
3/18/2021	<0.002			
3/19/2021			<0.002	
8/16/2021		<0.002		
8/18/2021	<0.002		<0.002	<0.002
2/8/2022	<0.002		0.0029 (J)	<0.002
2/9/2022		<0.002		
8/10/2022	<0.002	<0.002		
8/11/2022			<0.002	<0.002
1/27/2023	<0.002			
1/30/2023		0.0018 (J)		
2/1/2023			<0.002	<0.002
8/12/2023		<0.002	<0.002	<0.002
8/13/2023	<0.002			
2/18/2024	<0.002	<0.002		
2/19/2024			<0.002	<0.002
8/9/2024	<0.002		<0.002	<0.002
8/10/2024		<0.002		
2/16/2025	<0.002			
2/18/2025		<0.002		
3/6/2025			<0.002	<0.002
8/8/2025	<0.002	<0.002	<0.002	<0.002
2/6/2026	<0.002	<0.002	<0.002	
2/7/2026				<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.002	0.00127 (J)	<0.002	<0.002	<0.002
7/11/2016	<0.002	0.002 (J)		<0.002	<0.002
7/12/2016			0.0008 (J)		
8/30/2016	<0.002	0.0017 (J)	<0.002	<0.002	<0.002
10/19/2016	<0.002	<0.002	<0.002	<0.002	
10/20/2016					<0.002
12/6/2016	<0.002	<0.002	<0.002	<0.002	
12/8/2016					<0.002
1/24/2017	<0.002	<0.002	<0.002	<0.002	<0.002
3/21/2017	0.0005 (J)	<0.002	0.0007 (J)	<0.002	<0.002
5/22/2017	<0.002	0.0006 (J)	0.0006 (J)		
5/23/2017				<0.002	<0.002
4/2/2018	<0.002	<0.002		<0.002	
4/3/2018			<0.002		<0.002
6/4/2018	<0.002	0.00088 (J)	0.0008 (J)	<0.002	
6/5/2018					<0.002
10/1/2018	<0.002	<0.002	0.0011 (J)	<0.002	
10/2/2018					0.00064 (J)
3/11/2019				<0.002	
3/12/2019	<0.002	0.00069 (J)	0.00063 (J)		<0.002
4/1/2019			<0.002		
4/2/2019	<0.002	<0.002		<0.002	<0.002
9/23/2019	0.00046 (J)	0.00067 (J)	0.0011 (J)		
9/24/2019				<0.002	0.00055 (J)
3/2/2020	<0.002	0.00043 (J)	0.0004 (J)	<0.002	<0.002
3/25/2020	<0.002	<0.002	<0.002		
3/26/2020				<0.002	<0.002
8/25/2020		<0.002	<0.002		
8/28/2020	<0.002				
9/15/2020	<0.002	<0.002	<0.002	<0.002	<0.002
2/8/2021	<0.002			<0.002	
2/9/2021		<0.002	<0.002		<0.002
3/10/2021	<0.002			<0.002	
3/11/2021		<0.002	<0.002		<0.002
8/11/2021	<0.002				
8/12/2021		<0.002	<0.002	<0.002	<0.002
2/1/2022	0.0016 (J)	0.0023 (J)	0.0024 (J)		
2/7/2022				<0.002	<0.002
8/2/2022	<0.002	<0.002	<0.002	<0.002	
8/10/2022					<0.002
1/23/2023			<0.002	<0.002	
1/24/2023	<0.002	<0.002			
1/27/2023					<0.002
8/8/2023	<0.002	<0.002	<0.002	<0.002	<0.002
2/13/2024	<0.002	<0.002	<0.002	<0.002	<0.002
8/5/2024	<0.002	<0.002	<0.002		
8/6/2024				<0.002	<0.002
2/12/2025	<0.002		<0.002	<0.002	
2/14/2025		<0.002			<0.002
8/5/2025	<0.002	<0.002	<0.002	<0.002	<0.002
2/3/2026	<0.002	<0.002	0.00066 (J)	<0.002	
2/4/2026					<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.002				
5/23/2016					0.00268 (J)
7/11/2016	<0.002				
7/12/2016					0.0059
8/30/2016	<0.002				
9/1/2016					0.0056
10/20/2016	<0.002				
10/24/2016					0.0058
12/7/2016					<0.002
12/8/2016	<0.002				
1/24/2017	<0.002				
1/26/2017					0.0089
3/21/2017	<0.002				
3/23/2017					0.0069
5/23/2017	<0.002				
5/24/2017					0.0048 (J)
4/3/2018	<0.002				
4/4/2018					0.0052
6/5/2018	<0.002				
6/6/2018					0.0059
10/2/2018	<0.002				
10/3/2018					0.0032 (J)
3/12/2019	<0.002				
3/14/2019					0.0029 (J)
4/2/2019	<0.002				
4/5/2019					<0.002
9/24/2019	<0.002				0.0039 (J)
3/2/2020	<0.002				
3/3/2020					0.0035 (J)
3/25/2020	<0.002				
3/30/2020					0.0051
9/15/2020	<0.002				
9/16/2020			<0.002	<0.002	
9/17/2020		<0.002			
9/18/2020					0.0029 (J)
11/10/2020			0.0021 (J)	<0.002	
11/11/2020		<0.002			
12/15/2020		<0.002	<0.002	<0.002	
1/19/2021			0.0011 (J)	<0.002	
1/20/2021		<0.002			
2/8/2021		<0.002			
2/9/2021	<0.002		0.0017 (J)	0.00083 (J)	
2/11/2021					0.0062
3/10/2021		<0.002		<0.002	
3/11/2021	<0.002		0.0013 (J)		
3/17/2021					<0.002
8/11/2021			0.0015 (J)		
8/12/2021	<0.002	<0.002			
8/13/2021				<0.002	
8/18/2021					0.0035 (J)
2/1/2022			0.0036 (J)	0.0025 (J)	
2/7/2022	<0.002	<0.002			

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					0.0077
8/2/2022			<0.002	<0.002	
8/9/2022		<0.002			
8/10/2022	<0.002				
8/11/2022					0.006
1/23/2023		<0.002			
1/24/2023			<0.002	0.0027 (J)	
1/27/2023	<0.002				
2/1/2023					0.004 (J)
8/8/2023	<0.002	<0.002	<0.002	<0.002	
8/13/2023					0.0048 (J)
2/13/2024	<0.002	<0.002	0.00097 (J)	0.0014 (J)	
2/17/2024					0.0026 (J)
8/6/2024	<0.002	<0.002	<0.002	<0.002	
8/10/2024					0.005 (J)
2/12/2025			<0.002	0.0014 (J)	
2/14/2025	<0.002	<0.002			
2/18/2025					0.0017 (J)
8/5/2025	<0.002	<0.002	<0.002	<0.002	
8/8/2025					<0.002
2/3/2026			0.001 (J)	0.001 (J)	
2/4/2026	<0.002	<0.002			
2/7/2026					0.0014 (J)

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.002	<0.002	<0.002		
5/24/2016				0.00294 (J)	
7/12/2016	<0.002	<0.002	<0.002	0.0074	
9/1/2016	<0.002	<0.002	<0.002	0.0073	
10/24/2016	<0.002				
10/25/2016		<0.002	<0.002	0.006	
12/7/2016	<0.002	<0.002	<0.002		
12/8/2016				0.007	
1/26/2017	<0.002	<0.002	<0.002	0.0068	
3/22/2017		0.0005 (J)	0.0007 (J)		
3/23/2017	0.0008 (J)			0.0082	
5/24/2017	<0.002	<0.002			
5/25/2017			0.0007 (J)	0.006	
4/3/2018	<0.002	<0.002	<0.002	0.0062	
6/5/2018				0.008	
6/6/2018	<0.002	<0.002	0.00097 (J)		
10/3/2018	<0.002	<0.002	<0.002	0.0039 (J)	
3/14/2019	<0.002			0.0036 (J)	
3/15/2019		<0.002	<0.002		<0.002
4/4/2019	0.00017 (J)	0.0001 (J)			0.00019 (J)
4/5/2019			<0.002	0.0015 (J)	
9/24/2019	0.00037 (J)				
9/25/2019		<0.002	<0.002	0.0044 (J)	<0.002
3/3/2020	<0.002	<0.002	<0.002	0.0057	<0.002
3/26/2020	<0.002				
3/30/2020		0.0011 (J)			
3/31/2020			0.0008 (J)	0.0056	
4/1/2020					0.0013 (J)
6/17/2020					<0.002
9/15/2020				0.0074	
9/16/2020			<0.002		
9/17/2020	<0.002	<0.002			
9/21/2020					<0.002
2/10/2021		0.0012 (J)			
2/11/2021			0.0012 (J)	0.0069	0.001 (J)
2/12/2021	<0.002				
3/16/2021	<0.002				
3/17/2021		<0.002			
3/18/2021			<0.002	0.0083 (J)	<0.002
8/18/2021			<0.002		
8/19/2021	<0.002	<0.002		0.0045 (J)	<0.002
2/8/2022	<0.002	<0.002	0.0017 (J)	0.005 (J)	<0.002
8/10/2022		<0.002	<0.002	0.0058	
8/11/2022	<0.002				0.003 (J)
1/27/2023					<0.002
1/30/2023			0.0028 (J)		
2/1/2023	<0.002	<0.002		0.0036 (J)	
8/12/2023					<0.002
8/13/2023	<0.002	<0.002	<0.002	0.0059 (J)	
2/17/2024	<0.002		<0.002		
2/18/2024		<0.002		0.0027 (J)	<0.002
8/8/2024	<0.002		<0.002		

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/9/2024		<0.002		0.00092 (J)	<0.002
2/16/2025			<0.002		
2/17/2025	<0.002	<0.002			
2/18/2025				<0.002	<0.002
8/8/2025	<0.002	<0.002	<0.002	<0.002	<0.002
2/6/2026	0.00043 (J)	0.00056 (J)	0.00086 (J)	0.0014 (J)	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.0061			
6/17/2020	0.0031 (J)			
6/18/2020		0.0032 (J)	0.005 (J)	
9/21/2020	0.0083		0.0059	
9/23/2020		0.001 (J)		
2/12/2021	0.0059			
2/15/2021			0.005	
3/18/2021	0.0054 (J)			
3/19/2021			<0.002	
8/16/2021		0.0024 (J)		
8/18/2021	0.0058		0.0043 (J)	0.002 (J)
2/8/2022	0.0069		0.0072	0.0046 (J)
2/9/2022		0.0054		
8/10/2022	<0.025	0.0045 (J)		
8/11/2022			<0.002	0.0043 (J)
1/27/2023	0.0031 (J)			
1/30/2023		0.0047 (J)		
2/1/2023			0.006	0.0041 (J)
8/12/2023		<0.002	0.0045 (J)	<0.002
8/13/2023	0.0059 (J)			
2/18/2024	0.0024 (J)	0.00099 (J)		
2/19/2024			0.0073	0.0067
8/9/2024	0.0041 (J)		0.0059	0.0042 (J)
8/10/2024		0.0045 (J)		
2/16/2025	0.0021 (J)			
2/18/2025		<0.002		
3/6/2025			<0.002	<0.002
8/8/2025	0.0013 (J)	<0.002	<0.002	<0.002
2/6/2026	0.002 (J)	0.00099 (J)	<0.002	
2/7/2026				0.0013 (J)

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	0.0346	0.114	0.111	0.0266	0.0519
7/11/2016	0.0311	0.112		0.0309	0.0565
7/12/2016			0.115		
8/30/2016	0.0293	0.131	0.113	0.031	0.0548
10/19/2016	0.0293	0.111	0.123	0.0332	
10/20/2016					0.0539
12/6/2016	0.0304	0.108	0.127	0.0334	
12/8/2016					0.0496
1/24/2017	0.028	0.102	0.126	0.0192	0.0478
3/21/2017	0.0275	0.095	0.12	0.0175	0.0453
5/22/2017	0.0281	0.103	0.117		
5/23/2017				0.0227	0.0496
4/2/2018	0.026	0.099		0.022	
4/3/2018			0.11		0.038
6/4/2018	0.035	0.11	0.12	0.027	
6/5/2018					0.046
10/1/2018	0.029	0.11	0.14	0.018	
10/2/2018					0.047
3/11/2019				0.029	
3/12/2019	0.042	0.12	0.13		0.05
4/1/2019			0.13		
4/2/2019	0.04	0.13		0.03	0.044
9/23/2019	0.042	0.13	0.13		
9/24/2019				0.03	0.053
3/2/2020	0.034	0.11	0.14	0.023	0.053
3/25/2020	0.043	0.12	0.13		
3/26/2020				0.026	0.045
8/25/2020		0.11	0.11		
8/28/2020	0.036				
9/15/2020	0.035	0.12	0.12	0.024	0.045
2/8/2021	0.032			0.04	
2/9/2021		0.12	0.13		0.046
3/10/2021	0.03			0.036	
3/11/2021		0.07	0.13		0.044
8/11/2021	0.03				
8/12/2021		0.12	0.11	0.034	0.044
2/1/2022	0.031	0.13	0.12		
2/7/2022				0.028	0.038
8/2/2022	0.039	0.11	0.16	0.041	
8/10/2022					0.053
1/23/2023			0.13	0.057	
1/24/2023	0.033	0.088			
1/27/2023					0.044
8/8/2023	0.039	0.068	0.12	0.039	0.18
2/13/2024	0.039	0.062	0.13	0.054	0.048
8/5/2024	0.032	0.062	0.13		
8/6/2024				0.044	0.046
2/12/2025	0.034		0.13	0.061	
2/14/2025		0.057			0.049
8/5/2025	0.033	0.053	0.11	0.06	0.044
2/3/2026	0.031	0.054	0.12	0.07	
2/4/2026					0.051

Time Series

Constituent: Barium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	0.174				
5/23/2016					<0.25
7/11/2016	0.134				
7/12/2016					0.0214
8/30/2016	0.212				
9/1/2016					0.0208
10/20/2016	0.157				
10/24/2016					0.0208
12/7/2016					0.022
12/8/2016	0.162				
1/24/2017	0.168				
1/26/2017					0.0238
3/21/2017	0.186				
3/23/2017					0.0244
5/23/2017	0.187				
5/24/2017					0.0228
4/3/2018	0.14				
4/4/2018					0.021
6/5/2018	0.21				
6/6/2018					0.022
10/2/2018	0.19				
10/3/2018					0.02
3/12/2019	0.2				
3/14/2019					0.019
4/2/2019	0.19				
4/5/2019					0.016
9/24/2019	0.22				0.021
3/2/2020	0.19				
3/3/2020					0.018
3/25/2020	0.19				
3/30/2020					0.02
9/15/2020	0.19				
9/16/2020			0.26	0.24	
9/17/2020		0.13			
9/18/2020					0.019
11/10/2020			0.25	0.38	
11/11/2020		0.18			
12/15/2020		0.19	0.29	0.39	
1/19/2021			0.32	0.41	
1/20/2021		0.2			
2/8/2021		0.19			
2/9/2021	0.21		0.34	0.46	
2/11/2021					0.02
3/10/2021		0.18		0.26	
3/11/2021	0.21		0.31 (D)		
3/17/2021					0.023
8/11/2021			0.28		
8/12/2021	0.18	0.18			
8/13/2021				0.22	
8/18/2021					0.018
2/1/2022			0.29	0.23	
2/7/2022	0.18	0.18			

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					0.017
8/2/2022			0.35	0.37	
8/9/2022		0.2			
8/10/2022	0.18				
8/11/2022					0.017
1/23/2023		0.21			
1/24/2023			0.28	0.18	
1/27/2023	0.2				
2/1/2023					0.017
8/8/2023	0.048	0.21	0.3	0.12	
8/13/2023					0.016
2/13/2024	0.19	0.23	0.28	0.12	
2/17/2024					0.02
8/6/2024	0.046	0.065	0.28	0.11	
8/10/2024					0.015
2/12/2025			0.3	0.095	
2/14/2025	0.19	0.23			
2/18/2025					0.016
8/5/2025	0.18	0.19	0.27	0.092	
8/8/2025					0.017
2/3/2026			0.29	0.084	
2/4/2026	0.2	0.21			
2/7/2026					0.016

Time Series

Constituent: Barium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	0.0315 (J)	0.0841	0.0222 (J)		
5/24/2016				<0.2	
7/12/2016	0.0372	0.0886	0.0221	0.0346	
9/1/2016	0.0364	0.0934	0.0227	0.0336	
10/24/2016	0.0326				
10/25/2016		0.0991	0.0225	0.0349	
12/7/2016	0.0301	0.101	0.0227		
12/8/2016				0.0339	
1/26/2017	0.0287	0.105	0.0229	0.0293	
3/22/2017		0.11	0.0248		
3/23/2017	0.0329			0.0313	
5/24/2017	0.0283	0.106			
5/25/2017			0.0255	0.0336	
4/3/2018	0.019	0.099	0.025	0.028	
6/5/2018				0.03	
6/6/2018	0.022	0.11	0.028		
10/3/2018	0.025	0.11	0.028	0.032	
3/14/2019	0.021			0.029	
3/15/2019		0.13	0.029		0.09
4/4/2019	0.018	0.11			0.075
4/5/2019			0.022	0.021	
9/24/2019	0.019				
9/25/2019		0.11	0.025	0.03	0.066
3/3/2020	0.018	0.12	0.026	0.026	0.058
3/26/2020	0.016				
3/30/2020		0.11			
3/31/2020			0.029	0.029	
4/1/2020					0.066
6/17/2020					0.054
9/15/2020				0.03	
9/16/2020			0.025		
9/17/2020	0.017	0.11			
9/21/2020					0.049
2/10/2021		0.11			
2/11/2021			0.025	0.03	0.044
2/12/2021	0.014				
3/16/2021	0.012				
3/17/2021		0.12			
3/18/2021			0.027	0.031	0.047
8/18/2021			0.022		
8/19/2021	0.01	0.1		0.031	0.042
2/8/2022	0.0098	0.1	0.021	0.02	0.033
8/10/2022		0.1	0.027	0.026	
8/11/2022	0.015				0.037
1/27/2023					0.031
1/30/2023			0.03		
2/1/2023	0.021	0.11		0.019	
8/12/2023					0.033
8/13/2023	0.011	0.099	0.025	0.026	
2/17/2024	0.017		0.023		
2/18/2024		0.098		0.02	0.034
8/8/2024	0.0094		0.023		

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

Time Series

Constituent: Barium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/9/2024		0.086		0.021	0.035
2/16/2025			0.03		
2/17/2025	0.017	0.098			
2/18/2025				0.016	0.045
8/8/2025	0.012	0.087	0.027	0.017	0.04
2/6/2026	0.022	0.09	0.029	0.018	0.044

Time Series

Constituent: Barium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.027			
6/17/2020	0.024			
6/18/2020		0.044	0.029	
9/21/2020	0.024		0.028	
9/23/2020		0.038		
2/12/2021	0.025			
2/15/2021			0.026	
3/18/2021	0.029			
3/19/2021			0.032	
8/16/2021		0.035		
8/18/2021	0.025		0.025	0.032
2/8/2022	0.02		0.023	0.046
2/9/2022		0.04		
8/10/2022	0.02 (J)	0.046		
8/11/2022			0.022 (J)	0.028
1/27/2023	0.018			
1/30/2023		0.04		
2/1/2023			0.022	0.033
8/12/2023		0.033	0.021	0.026
8/13/2023	0.023			
2/18/2024	0.016	0.033		
2/19/2024			0.021	0.028
8/9/2024	0.027		0.021	0.026
8/10/2024		0.032		
2/16/2025	0.016			
2/18/2025		0.03		
3/6/2025			0.024	0.024
8/8/2025	0.017	0.024	0.025	0.02
2/6/2026	0.019	0.027	0.046	
2/7/2026				0.02

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
7/11/2016	<0.0004	0.0001 (J)		<0.0004	<0.0004
7/12/2016			<0.0004		
8/30/2016	<0.0004	<0.0004	<0.0004	<0.0004	<0.0004
10/19/2016	<0.0004	0.0001 (J)	<0.0004	<0.0004	
10/20/2016					<0.0004
12/6/2016	<0.0004	0.0002 (J)	<0.0004	<0.0004	
12/8/2016					<0.0004
1/24/2017	<0.0004	0.0001 (J)	<0.0004	<0.0004	<0.0004
3/21/2017	<0.0004	0.0001 (J)	<0.0004	<0.0004	<0.0004
5/22/2017	<0.0004	0.0001 (J)	<0.0004		
5/23/2017				<0.0004	<0.0004
4/2/2018	<0.0004	<0.0004		<0.0004	
4/3/2018			<0.0004		<0.0004
3/11/2019				5E-05 (J)	
3/12/2019	<0.0004	0.00017 (J)	<0.0004		<0.0004
4/1/2019			<0.0004		
4/2/2019	<0.0004	0.00015 (J)		<0.0004	<0.0004
9/23/2019	<0.0004	0.00011 (J)	<0.0004		
9/24/2019				<0.0004	<0.0004
3/2/2020	<0.0004	0.00014 (J)	<0.0004	0.00019 (J)	<0.0004
3/25/2020	<0.0004	0.00016 (J)	<0.0004		
3/26/2020				7.6E-05 (J)	<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	<0.0004	<0.0004
2/8/2021	<0.0004			0.00023 (J)	
2/9/2021		0.00014 (J)	<0.0004		<0.0004
3/10/2021	<0.0004			0.00017 (J)	
3/11/2021		8.6E-05 (J)	<0.0004		<0.0004
8/11/2021	<0.0004				
8/12/2021		0.00014 (J)	<0.0004	0.00021 (J)	<0.0004
2/1/2022	<0.0004	0.0002 (J)	<0.0004		
2/7/2022				0.00017 (J)	<0.0004
8/2/2022	<0.0004	0.00019 (J)	<0.0004	0.00019 (J)	
8/10/2022					<0.0004
1/23/2023			<0.0004	0.0001 (J)	
1/24/2023	<0.0004	0.00016 (J)			
1/27/2023					<0.0004
8/8/2023	<0.0004	0.00022 (J)	<0.0004	6.7E-05 (J)	<0.0004
2/13/2024	<0.0004	0.00022 (J)	<0.0004	<0.0004	<0.0004
8/5/2024	<0.0004	0.00026 (J)	<0.0004		
8/6/2024				<0.0004	<0.0004
2/12/2025	<0.0004		<0.0004	0.00018 (J)	
2/14/2025		0.00023 (J)			<0.0004
8/5/2025	<0.0004	0.00026 (J)	<0.0004	<0.0004	<0.0004
2/3/2026	<0.0004	<0.0004	<0.0004	0.00028 (J)	
2/4/2026					<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.0004				
5/23/2016					<0.003
7/11/2016	<0.0004				
7/12/2016					0.0005 (J)
8/30/2016	<0.0004				
9/1/2016					0.0005 (J)
10/20/2016	<0.0004				
10/24/2016					0.0005 (J)
12/7/2016					0.0006 (J)
12/8/2016	<0.0004				
1/24/2017	<0.0004				
1/26/2017					0.0005 (J)
3/21/2017	<0.0004				
3/23/2017					0.0006 (J)
5/23/2017	<0.0004				
5/24/2017					0.0005 (J)
4/3/2018	<0.0004				
4/4/2018					<0.003
3/12/2019	<0.0004				
3/14/2019					0.00043 (J)
4/2/2019	<0.0004				
4/5/2019					0.00027 (J)
9/24/2019	<0.0004				0.00044 (J)
3/2/2020	<0.0004				
3/3/2020					0.00043 (J)
3/25/2020	<0.0004				
3/30/2020					0.00043 (J)
9/15/2020	<0.0004				
9/16/2020			<0.0004	<0.0004	
9/17/2020		<0.0004			
9/18/2020					0.00043 (J)
11/10/2020			<0.0004	<0.0004	
11/11/2020		<0.0004			
12/15/2020		<0.0004	<0.0004	<0.0004	
1/19/2021			<0.0004	<0.0004	
1/20/2021		<0.0004			
2/8/2021		<0.0004			
2/9/2021	<0.0004		<0.0004	<0.0004	
2/11/2021					0.00044 (J)
3/10/2021		<0.0004		<0.0004	
3/11/2021	<0.0004		<0.0004		
3/17/2021					0.00058
8/11/2021			<0.0004		
8/12/2021	<0.0004	<0.0004			
8/13/2021				<0.0004	
8/18/2021					0.00039 (J)
2/1/2022			<0.0004	<0.0004	
2/7/2022	<0.0004	<0.0004			
2/9/2022					0.00056
8/2/2022			<0.0004	<0.0004	
8/9/2022		<0.0004			
8/10/2022	<0.0004				

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
8/11/2022					0.00039 (J)
1/23/2023		<0.0004			
1/24/2023			<0.0004	<0.0004	
1/27/2023	<0.0004				
2/1/2023					0.00039 (J)
8/8/2023	<0.0004	<0.0004	<0.0004	<0.0004	
8/13/2023					0.0004 (J)
2/13/2024	<0.0004	<0.0004	<0.0004	<0.0004	
2/17/2024					0.00044 (J)
8/6/2024	<0.0004	<0.0004	<0.0004	<0.0004	
8/10/2024					0.00047 (J)
2/12/2025			<0.0004	<0.0004	
2/14/2025	<0.0004	<0.0004			
2/18/2025					0.00038 (J)
8/5/2025	<0.0004	<0.0004	<0.0004	<0.0004	
8/8/2025					0.00039 (J)
2/3/2026			<0.0004	<0.0004	
2/4/2026	<0.0004	<0.0004			
2/7/2026					0.00039 (J)

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.0004	<0.0004	<0.0004		
5/24/2016				0.00278 (J)	
7/12/2016	<0.0004	<0.0004	<0.0004	0.0032	
9/1/2016	<0.0004	<0.0004	<0.0004	0.0034	
10/24/2016	<0.0004				
10/25/2016		<0.0004	<0.0004	0.0034	
12/7/2016	<0.0004	<0.0004	<0.0004		
12/8/2016				0.0033	
1/26/2017	<0.0004	<0.0004	<0.0004	0.0034	
3/22/2017		<0.0004	<0.0004		
3/23/2017	<0.0004			0.0036	
5/24/2017	<0.0004	<0.0004			
5/25/2017			<0.0004	0.0036	
4/3/2018	<0.0004	<0.0004	<0.0004	<0.003	
3/14/2019	<0.0004			0.0026 (J)	
3/15/2019		<0.0004	<0.0004		<0.0004
4/4/2019	<0.0004	<0.0004			<0.0004
4/5/2019			<0.0004	0.0022 (J)	
9/24/2019	<0.0004				
9/25/2019		<0.0004	<0.0004	0.0031	<0.0004
3/3/2020	<0.0004	<0.0004	<0.0004	0.0029 (J)	<0.0004
3/26/2020	<0.0004				
3/30/2020		<0.0004			
3/31/2020			<0.0004	0.003	
4/1/2020					<0.0004
6/17/2020					<0.0004
9/15/2020				0.0033	
9/16/2020			<0.0004		
9/17/2020	<0.0004	<0.0004			
9/21/2020					<0.0004
2/10/2021		<0.0004			
2/11/2021			6.7E-05 (J)	0.0036	<0.0004
2/12/2021	<0.0004				
3/16/2021	<0.0004				
3/17/2021		<0.0004			
3/18/2021			4.8E-05 (J)	0.0038	<0.0004
8/18/2021			<0.0004		
8/19/2021	<0.0004	<0.0004		0.0034	<0.0004
2/8/2022	<0.0004	<0.0004	<0.0004	0.0026	<0.0004
8/10/2022		<0.0004	6E-05 (J)	0.0032	
8/11/2022	<0.0004				<0.0004
1/27/2023					<0.0004
1/30/2023			5.7E-05 (J)		
2/1/2023	<0.0004	<0.0004		0.002	
8/12/2023					<0.0004
8/13/2023	<0.0004	<0.0004	0.0001 (J)	0.003	
2/17/2024	<0.0004		<0.0004		
2/18/2024		<0.0004		0.0022	<0.0004
8/8/2024	<0.0004		<0.0004		
8/9/2024		<0.0004		0.0021	<0.0004
2/16/2025			<0.0004		
2/17/2025	<0.0004	<0.0004			

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
2/18/2025				0.0015	<0.0004
8/8/2025	<0.0004	<0.0004	<0.0004	0.0017	<0.0004
2/6/2026	<0.0004	<0.0004	<0.0004	0.0022	<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.0011 (J)			
6/17/2020	0.00099 (J)			
6/18/2020		0.00015 (J)	0.00032 (J)	
9/21/2020	0.0009 (J)		0.0004 (J)	
9/23/2020		<0.0004		
2/12/2021	0.001 (J)			
2/15/2021			0.0006 (J)	
3/18/2021	0.0011			
3/19/2021			0.00061	
8/16/2021		<0.0004		
8/18/2021	0.00097		0.00061	0.00042 (J)
2/8/2022	0.00087 (J)		0.0007 (J)	0.00011 (J)
2/9/2022		6.5E-05 (J)		
8/10/2022	0.0008	<0.0004		
8/11/2022			0.00066 (J)	0.00028 (J)
1/27/2023	0.00019 (J)			
1/30/2023		<0.0004		
2/1/2023			0.00049 (J)	0.00028 (J)
8/12/2023		<0.0004	0.00041 (J)	0.00012 (J)
8/13/2023	0.00099			
2/18/2024	0.00059	<0.0004		
2/19/2024			0.00064	0.00047 (J)
8/9/2024	0.00084		0.00053	0.00028 (J)
8/10/2024		<0.0004		
2/16/2025	0.00048 (J)			
2/18/2025		<0.0004		
3/6/2025			0.00033 (J)	0.00041 (J)
8/8/2025	0.00063	<0.0004	0.0002 (J)	0.00033 (J)
2/6/2026	0.00057	<0.0004	<0.0004	
2/7/2026				0.00056

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	0.0214 (J)	0.0321 (J)	<0.04	<0.1	<0.04
7/11/2016	0.0142 (J)	0.0337 (J)		0.0175 (J)	0.0052 (J)
7/12/2016			0.0074 (J)		
8/30/2016	0.0074 (J)	0.0173 (J)	<0.04	0.0072 (J)	0.0068 (J)
10/19/2016	0.0224 (J)	0.0341 (J)	0.0085 (J)	0.018 (J)	
10/20/2016					0.0135 (J)
12/6/2016	0.0211 (J)	0.0326 (J)	0.0085 (J)	0.0158 (J)	
12/8/2016					0.0083 (J)
1/24/2017	0.0165 (J)	0.0365 (J)	0.01 (J)	0.0145 (J)	0.0072 (J)
3/21/2017	0.0187 (J)	0.0349 (J)	0.0079 (J)	0.0101 (J)	<0.04
5/22/2017	0.0782	0.0475	0.0131 (J)		
5/23/2017				0.0159 (J)	0.0095 (J)
10/3/2017	0.0198 (J)	0.0386 (J)	0.0097 (J)	0.0162 (J)	0.0071 (J)
6/4/2018	0.02 (J)	0.036 (J)	0.017 (J)	0.014 (J)	
6/5/2018					0.0066 (J)
10/1/2018	0.013 (J)	0.035 (J)	0.0061 (J)	0.0093 (J)	
10/2/2018					0.0081 (J)
4/1/2019			0.0066 (J)		
4/2/2019	0.016 (J)	0.034 (J)		0.01 (J)	0.0052 (J)
9/23/2019	0.021 (J)	0.04 (J)	0.0081 (J)		
9/24/2019				0.013 (J)	0.0088 (J)
3/25/2020	0.025 (J)	0.039 (J)	0.0096 (J)		
3/26/2020				0.012 (J)	0.0072 (J)
6/16/2020	0.021 (J)		0.01 (J)		
9/15/2020	0.017 (J)	0.044 (J)	0.0071 (J)	0.013 (J)	0.012 (J)
3/10/2021	0.015 (J)			0.012 (J)	
3/11/2021		0.056	0.015 (J)		0.0075 (J)
8/11/2021	0.02 (J)				
8/12/2021		0.044	<0.04	0.014 (J)	0.0092 (J)
2/1/2022	0.016 (J)	0.056	0.011 (J)		
2/7/2022				0.017 (J)	<0.04
8/2/2022	0.012 (J)	0.047	<0.04	0.02 (J)	
8/10/2022					0.011 (J)
1/23/2023			0.012 (J)	0.023 (J)	
1/24/2023	0.015 (J)	0.046			
1/27/2023					<0.04
8/8/2023	0.023 (J)	0.06	0.011 (J)	0.029 (J)	0.025 (J)
2/13/2024	0.02 (J)	0.051	<0.04	0.023 (J)	<0.04
8/5/2024	0.02 (J)	0.057	<0.04		
8/6/2024				0.015 (J)	0.024 (J)
2/12/2025	0.021 (J)		0.011 (J)	0.023 (J)	
2/14/2025		0.053			0.015 (J)
8/5/2025	0.019 (J)	0.044	0.009 (J)	0.041	0.014 (J)
2/3/2026	0.021 (J)	0.039 (J)	0.0094 (J)	0.026 (J)	
2/4/2026					0.025 (J)

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	0.0363 (J)				
5/23/2016					15.4
7/11/2016	0.0179 (J)				
7/12/2016					16
8/30/2016	0.014 (J)				
9/1/2016					12.3
10/20/2016	0.0197 (J)				
10/24/2016					13.7
12/7/2016					16.5
12/8/2016	0.0159 (J)				
1/24/2017	<0.2				
1/26/2017					19.2
3/21/2017	0.0166 (J)				
3/23/2017					23.1
5/23/2017	0.0167 (J)				
5/24/2017					25.8
10/3/2017	0.017 (J)				
10/4/2017					20.5
6/5/2018	0.016 (J)				
6/6/2018					16.7
10/2/2018	0.014 (J)				
10/3/2018					16.4
4/2/2019	0.013 (J)				
4/5/2019					12.5
9/24/2019	0.016 (J)				14.7
3/25/2020	0.021 (J)				
3/30/2020					11.7
9/15/2020	0.016 (J)				
9/16/2020			0.061 (J)	0.23	
9/17/2020		0.098 (J)			
9/18/2020					11
11/10/2020			0.057 (J)	0.29	
11/11/2020		0.058 (J)			
12/15/2020		0.043 (J)	0.052 (J)	0.31	
1/19/2021			0.049 (J)	0.4	
1/20/2021		0.045 (J)			
3/10/2021		0.048		0.39	
3/11/2021	0.018 (J)		0.06		
3/17/2021					11.8
8/11/2021			0.042		
8/12/2021	0.014 (J)	0.044			
8/13/2021				0.31	
8/18/2021					8.6
2/1/2022			0.05	0.44	
2/7/2022	0.019 (J)	0.047			
2/9/2022					9.9
8/2/2022			0.043	0.31	
8/9/2022		0.055			
8/10/2022	0.015 (J)				
8/11/2022					8.8
1/23/2023		0.052			
1/24/2023			0.037 (J)	0.44	

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

Time Series

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
1/27/2023	0.013 (J)				
2/1/2023					7.7
8/8/2023	0.017 (J)	0.048	0.038 (J)	0.55	
8/13/2023					6.9
2/13/2024	0.015 (J)	0.045	0.037 (J)	0.49	
2/17/2024					7.3
8/6/2024	1.6 (O)	1 (O)	0.043	0.52	
8/10/2024					6.7
2/12/2025			0.04 (J)	0.54	
2/14/2025	0.02 (J)	0.059			
2/18/2025					6.2
8/5/2025	0.017 (J)	0.05	0.039 (J)	0.45	
8/8/2025					6.3
2/3/2026			0.036 (J)	0.47	
2/4/2026	0.021 (J)	0.053			
2/7/2026					5.9

Time Series

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	2.02	1.36	5.7		
5/24/2016				9.33	
7/12/2016	1.65	1.62	9.58	11.9	
9/1/2016	1.93	1.31	5.76	8.8	
10/24/2016	1.93				
10/25/2016		1.27	5.38	8.5	
12/7/2016	2.23	1.42	5.74		
12/8/2016				7.15	
1/26/2017	2.31	1.19	5.78	9.17	
3/22/2017		1.32	5.52		
3/23/2017	2.72			10.6	
5/24/2017	2.26	1.67			
5/25/2017			8.58	13.2	
10/4/2017	2	1.43	6.8	10	
6/5/2018				8.4	
6/6/2018	2.4	1.9	6.3		
10/3/2018	2.4	1.7	6.9	9.3	
4/4/2019	2.3	2.1			5.2
4/5/2019			5.9	6.4	
9/24/2019	2.9				
9/25/2019		2.7	8.1	11.7	6.4
3/26/2020	2.1				
3/30/2020		2.4			
3/31/2020			6.9	9.4	
4/1/2020					6.3
6/17/2020					5.8
9/15/2020				9.4	
9/16/2020			6.7		
9/17/2020	2.2	2.4			
9/21/2020					5.6
3/16/2021	2.4				
3/17/2021		2.7			
3/18/2021			6.8	8.9	5.7
8/18/2021			5.3		
8/19/2021	2.1	2.5		8.6	5.4
2/8/2022	1.9	2.6	7.8	8.1	5.9
8/10/2022		2.2	6.9	8.4	
8/11/2022	2.1				5
1/27/2023					3.6
1/30/2023			6.8		
2/1/2023	2	2.8		5.9	
8/12/2023					2.8
8/13/2023	1.6	2.2	6.2	7.7	
2/17/2024	1.8		5.7		
2/18/2024		2.3		7	2.3
8/8/2024	1.5		5.7		
8/9/2024		1.9		4.2	2
2/16/2025			5.3		
2/17/2025	1.6	1.9			
2/18/2025				2.4	1.7
8/8/2025	1.6	2.2	6.1	4	1.7
2/6/2026	2.3	2.2	7	4.9	2

Time Series

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	11.2			
4/1/2020	11.6			
6/17/2020	10.3			
6/18/2020		9.4	11.9	
9/21/2020	9		12.3	
9/23/2020		10.2		
3/18/2021	10.2			
3/19/2021			11.9	
8/16/2021		8.2		
8/18/2021	9.1		11.2	9.7
2/8/2022	8.4		10.8	10.5
2/9/2022		9.6		
8/10/2022	8	10.2		
8/11/2022			9.6	8.2
1/27/2023	4.6			
1/30/2023		8		
2/1/2023			8.7	8.3
8/12/2023		7.2	8.4	7.4
8/13/2023	6.6			
2/18/2024	5.4	8.1		
2/19/2024			8.4	7.9
8/9/2024	6.1		9.5	8.1
8/10/2024		7.8		
2/16/2025	4.6			
2/18/2025		5.7		
3/6/2025			9.4	8.7
8/8/2025	7	6.8	7.4	7.3
2/6/2026	6.4	6.6	1.8	
2/7/2026				7.7

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/11/2016	<0.0005	<0.0005		<0.0005	<0.0005
7/12/2016			<0.0005		
8/30/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/19/2016	<0.0005	<0.0005	<0.0005	<0.0005	
10/20/2016					<0.0005
12/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	
12/8/2016					<0.0005
1/24/2017	<0.0005	0.0001 (J)	<0.0005	<0.0005	<0.0005
3/21/2017	<0.0005	7E-05 (J)	<0.0005	<0.0005	<0.0005
5/22/2017	<0.0005	0.0001 (J)	<0.0005		
5/23/2017				<0.0005	<0.0005
4/2/2018	<0.0005	<0.0005		<0.0005	
4/3/2018			<0.0005		<0.0005
6/4/2018	<0.0005	0.00014 (J)	<0.0005	<0.0005	
6/5/2018					<0.0005
10/1/2018	<0.0005	<0.0005	<0.0005	<0.0005	
10/2/2018					<0.0005
3/11/2019				<0.0005	
3/12/2019	<0.0005	0.00013 (J)	<0.0005		<0.0005
4/1/2019			<0.0005		
4/2/2019	<0.0005	0.00015 (J)		<0.0005	<0.0005
9/23/2019	<0.0005	<0.0005 (D)	<0.0005		
9/24/2019				<0.0005	<0.0005
3/2/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/25/2020	<0.0005	0.00014 (J)	<0.0005		
3/26/2020				<0.0005	<0.0005
8/25/2020		<0.0005	<0.0005		
8/28/2020	<0.0005				
9/15/2020	<0.0005	0.00012 (J)	<0.0005	<0.0005	<0.0005
2/8/2021	<0.0005			<0.0005	
2/9/2021		0.00016 (J)	<0.0005		<0.0005
3/10/2021	<0.0005			<0.0005	
3/11/2021		<0.0005	<0.0005		<0.0005
8/11/2021	<0.0005				
8/12/2021		0.00014 (J)	<0.0005	<0.0005	<0.0005
2/1/2022	<0.0005	0.00017 (J)	<0.0005		
2/7/2022				<0.0005	<0.0005
8/2/2022	<0.0005	0.00023 (J)	<0.0005	<0.0005	
8/10/2022					<0.0005
1/23/2023			<0.0005	<0.0005	
1/24/2023	<0.0005	0.00021 (J)			
1/27/2023					<0.0005
8/8/2023	<0.0005	0.00026 (J)	<0.0005	<0.0005	<0.0005
2/13/2024	<0.0005	0.00027 (J)	<0.0005	<0.0005	<0.0005
8/5/2024	<0.0005	0.00026 (J)	<0.0005		
8/6/2024				<0.0005	<0.0005
2/12/2025	<0.0005		<0.0005	<0.0005	
2/14/2025		0.00028 (J)			<0.0005
8/5/2025	<0.0005	0.00022 (J)	<0.0005	<0.0005	<0.0005
2/3/2026	<0.0005	0.00035 (J)	<0.0005	<0.0005	
2/4/2026					<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.0005				
5/23/2016					0.000139 (J)
7/11/2016	<0.0005				
7/12/2016					<0.0005
8/30/2016	<0.0005				
9/1/2016					0.0001 (J)
10/20/2016	<0.0005				
10/24/2016					0.0002 (J)
12/7/2016					0.0001 (J)
12/8/2016	<0.0005				
1/24/2017	<0.0005				
1/26/2017					0.0001 (J)
3/21/2017	<0.0005				
3/23/2017					0.0002 (J)
5/23/2017	<0.0005				
5/24/2017					0.0001 (J)
4/3/2018	<0.0005				
4/4/2018					<0.0005
6/5/2018	<0.0005				
6/6/2018					0.00012 (J)
10/2/2018	<0.0005				
10/3/2018					0.0001 (J)
3/12/2019	<0.0005				
3/14/2019					<0.0005
4/2/2019	<0.0005				
4/5/2019					7.9E-05 (J)
9/24/2019	<0.0005				<0.0005
3/2/2020	<0.0005				
3/3/2020					<0.0005
3/25/2020	<0.0005				
3/30/2020					<0.0005
9/15/2020	<0.0005				
9/16/2020			<0.0005	<0.0005	
9/17/2020		<0.0005			
9/18/2020					<0.0005
11/10/2020			<0.0005	<0.0005	
11/11/2020		<0.0005			
12/15/2020		<0.0005	<0.0005	<0.0005	
1/19/2021			<0.0005	<0.0005	
1/20/2021		<0.0005			
2/8/2021		<0.0005			
2/9/2021	<0.0005		<0.0005	<0.0005	
2/11/2021					<0.0005
3/10/2021		<0.0005		<0.0005	
3/11/2021	<0.0005		<0.0005		
3/17/2021					<0.0005
8/11/2021			<0.0005		
8/12/2021	<0.0005	<0.0005			
8/13/2021				<0.0005	
8/18/2021					0.00013 (J)
2/1/2022			<0.0005	<0.0005	
2/7/2022	<0.0005	<0.0005			

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					<0.0005
8/2/2022			<0.0005	<0.0005	
8/9/2022		<0.0005			
8/10/2022	<0.0005				
8/11/2022					<0.0005
1/23/2023		<0.0005			
1/24/2023			<0.0005	<0.0005	
1/27/2023	<0.0005				
2/1/2023					<0.0005
8/8/2023	<0.0005	<0.0005	<0.0005	<0.0005	
8/13/2023					<0.0005
2/13/2024	<0.0005	<0.0005	<0.0005	<0.0005	
2/17/2024					<0.0005
8/6/2024	<0.0005	0.00024 (J)	<0.0005	<0.0005	
8/10/2024					0.00011 (J)
2/12/2025			<0.0005	<0.0005	
2/14/2025	<0.0005	<0.0005			
2/18/2025					<0.0005
8/5/2025	<0.0005	<0.0005	<0.0005	<0.0005	
8/8/2025					<0.0005
2/3/2026			<0.0005	<0.0005	
2/4/2026	<0.0005	<0.0005			
2/7/2026					<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	0.00271 (J)	<0.0005	<0.0005		
5/24/2016				<0.02	
7/12/2016	0.0019	<0.0005	<0.0005	0.0022	
9/1/2016	0.0017	<0.0005	<0.0005	0.0024	
10/24/2016	0.0018				
10/25/2016		<0.0005	<0.0005	0.0022	
12/7/2016	0.0018	<0.0005	<0.0005		
12/8/2016				0.0024	
1/26/2017	0.0013	<0.0005	<0.0005	0.0025	
3/22/2017		<0.0005	7E-05 (J)		
3/23/2017	0.002			0.0025	
5/24/2017	0.0041	<0.0005			
5/25/2017			<0.0005	0.0027	
4/3/2018	0.0022	<0.0005	<0.0005	0.0022	
6/5/2018				0.0022	
6/6/2018	0.0021	<0.0005	<0.0005		
10/3/2018	0.0026	<0.0005	<0.0005	0.0027	
3/14/2019	0.0024			0.0019	
3/15/2019		<0.0005	<0.0005		<0.0005
4/4/2019	0.0018	<0.0005			<0.0005
4/5/2019			<0.0005	0.0017	
9/24/2019	0.0014 (J)				
9/25/2019		<0.0005	<0.0005	0.0023 (J)	<0.0005
3/3/2020	0.0015 (J)	<0.0005	<0.0005	0.0021 (J)	<0.0005
3/26/2020	0.0016 (J)				
3/30/2020		<0.0005			
3/31/2020			<0.0005	0.0017 (J)	
4/1/2020					<0.0005
6/17/2020					<0.0005
9/15/2020				0.0019 (J)	
9/16/2020			<0.0005		
9/17/2020	0.0016 (J)	<0.0005			
9/21/2020					<0.0005
2/10/2021		<0.0005			
2/11/2021			<0.0005	0.0016 (J)	<0.0005
2/12/2021	0.0014 (J)				
3/16/2021	0.0011				
3/17/2021		<0.0005			
3/18/2021			<0.0005	0.0015	<0.0005
8/18/2021			<0.0005		
8/19/2021	0.0012	<0.0005		0.0014	<0.0005
2/8/2022	0.0011	<0.0005	<0.0005	0.00076	<0.0005
8/10/2022		<0.0005	<0.0005	0.0017	
8/11/2022	0.00095				<0.0005
1/27/2023					<0.0005
1/30/2023			<0.0005		
2/1/2023	0.00088	<0.0005		0.001	
8/12/2023					<0.0005
8/13/2023	0.00033 (J)	<0.0005	<0.0005	0.0017	
2/17/2024	0.00084		<0.0005		
2/18/2024		<0.0005		0.0015	<0.0005
8/8/2024	0.00037 (J)		<0.0005		

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/9/2024		<0.0005		0.00096	<0.0005
2/16/2025			0.00015 (J)		
2/17/2025	0.00083	<0.0005			
2/18/2025				0.00056	<0.0005
8/8/2025	0.00031 (J)	<0.0005	<0.0005	0.00084	<0.0005
2/6/2026	0.001	<0.0005	0.00011 (J)	0.00095	<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.00022 (J)			
6/17/2020	0.00021 (J)			
6/18/2020		<0.0025	0.00053 (J)	
9/21/2020	0.00016 (J)		0.001 (J)	
9/23/2020		<0.0025		
2/12/2021	0.00017 (J)			
2/15/2021			0.0017 (J)	
3/18/2021	0.00019 (J)			
3/19/2021			0.0018	
8/16/2021		0.00023 (J)		
8/18/2021	0.00017 (J)		0.0015	0.00094
2/8/2022	0.00013 (J)		0.0015	0.00024 (J)
2/9/2022		0.00072		
8/10/2022	<0.0025	0.00041 (J)		
8/11/2022			0.0013 (J)	0.00045 (J)
1/27/2023	0.00017 (J)			
1/30/2023		0.00047 (J)		
2/1/2023			0.0017	0.0016
8/12/2023		0.0029	0.0012	0.00019 (J)
8/13/2023	0.0002 (J)			
2/18/2024	0.00014 (J)	0.0008		
2/19/2024			0.0013	0.00067
8/9/2024	0.00024 (J)		0.0012	0.00038 (J)
8/10/2024		0.0015		
2/16/2025	0.00015 (J)			
2/18/2025		0.0022		
3/6/2025			0.0014	0.0013
8/8/2025	0.0002 (J)	0.00059	0.00076	0.00065
2/6/2026	0.00017 (J)	0.00074	<0.0005	
2/7/2026				0.00071

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	138	22.9	76.2	48.4	35.5
7/11/2016	97.2	22.3		73	35.4
7/12/2016			61.5		
8/30/2016	97.5	26.4	65.1	85.7	28
10/19/2016	99.2	21.7	73.2	89.7	
10/20/2016					26.7
12/6/2016	105	18.2	74.9	80	
12/8/2016					23.5
1/24/2017	95.7	18.5	69.6	30.8	24.5
3/21/2017	106	18.6	75.7	34	30.8
5/22/2017	107	17.8	71.5		
5/23/2017				43	24.2
10/3/2017	102	20.2	76.3	46.9	29
6/4/2018	124	19.1	73.4	81.9	
6/5/2018					27.8
10/1/2018	108	20.5 (J)	80.9	22 (J)	
10/2/2018					28.9
4/1/2019			80.5		
4/2/2019	132	22.5 (J)		76	26.3
9/23/2019	118	19.5	71		
9/24/2019				36.6	29.3
3/25/2020	127	23	89.8		
3/26/2020				14.9	27.8
6/16/2020	130		85.1		
9/15/2020	103	21.1	73.1	20.4	27.9
3/10/2021	111			5.9	
3/11/2021		43.8	83.8		28.3
8/11/2021	113				
8/12/2021		21.9	84	5.4	32
2/1/2022	106	27.2	85.1		
2/7/2022				5.9	30
8/2/2022	117	31.2	84.6	6	
8/10/2022					27.4
1/23/2023			85	24	
1/24/2023	117	29.4			
1/27/2023					28.5
8/8/2023	118	30.7	78.3	35.7	54.4
2/13/2024	116	38.8	83.6	31.1	20.6
8/5/2024	113	34.7	83.3		
8/6/2024				32.6	27
2/12/2025	125		86.6	21.5	
2/14/2025		51.5			24.4
8/5/2025	113	24.1	72.6	26.7	27.6
2/3/2026	129	37.2	86.8	27.5	
2/4/2026					27.5

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	56.1				
5/23/2016					664
7/11/2016	49.3				
7/12/2016					528
8/30/2016	53.9				
9/1/2016					586
10/20/2016	50.7				
10/24/2016					564
12/7/2016					590
12/8/2016	49.2				
1/24/2017	48.3				
1/26/2017					558
3/21/2017	51.3				
3/23/2017					652
5/23/2017	49.1				
5/24/2017					617
10/3/2017	55.1				
10/4/2017					644
6/5/2018	54.5				
6/6/2018					606
10/2/2018	54.7				
10/3/2018					558
4/2/2019	49.7				
4/5/2019					606
9/24/2019	52.5				507
3/25/2020	58.1				
3/30/2020					600
9/15/2020	49.9				
9/16/2020			56	30	
9/17/2020		43.8			
9/18/2020					623
11/10/2020			63.3	33.6	
11/11/2020		44.4			
12/15/2020		47.3	62.6	28.7	
1/19/2021			60.1	33	
1/20/2021		41.8			
3/10/2021		43.4		12.1 (D)	
3/11/2021	53.1		59.6		
3/17/2021					572
8/11/2021			61		
8/12/2021	54.7	43.6			
8/13/2021				28.9	
8/18/2021					583
2/1/2022			55.9	24.8	
2/7/2022	53.4	48.7			
2/9/2022					571
8/2/2022			54.1	20.9	
8/9/2022		44.1			
8/10/2022	55.7				
8/11/2022					519
1/23/2023		43.7			
1/24/2023			56.6	13.2	

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
1/27/2023	55.4				
2/1/2023					464
8/8/2023	27.9	40.7	52.8	8.1	
8/13/2023					418
2/13/2024	55.4	47.7	53.3	9.9	
2/17/2024					418
8/6/2024	57.2	44.8	57.2	7.1	
8/10/2024					375
2/12/2025			61.8	7.2	
2/14/2025	52.1	46.5			
2/18/2025					341
8/5/2025	55.5	42.8	55.2	6	
8/8/2025					265
2/3/2026			61.7	6.7	
2/4/2026	58.1	49.6			
2/7/2026					307

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	184	146	225		
5/24/2016				403	
7/12/2016	186	142	199	328	
9/1/2016	189	141	213	379	
10/24/2016	200				
10/25/2016		138	206	362	
12/7/2016	203	146	212		
12/8/2016				366	
1/26/2017	212	139	198	394	
3/22/2017		150	239		
3/23/2017	229			440	
5/24/2017	265	153			
5/25/2017			292	492	
10/4/2017	230	156	305	470	
6/5/2018				425	
6/6/2018	250	177	299		
10/3/2018	234	160	286	421	
4/4/2019	214	196			427
4/5/2019			340	400	
9/24/2019	202				
9/25/2019		185	305	437	420
3/26/2020	240				
3/30/2020		208			
3/31/2020			328	418	
4/1/2020					438
6/17/2020					434
9/15/2020				430	
9/16/2020			277		
9/17/2020	188	190			
9/21/2020					428
2/10/2021				397	
3/16/2021	196				
3/17/2021		198			
3/18/2021			266	407	382
8/18/2021			281		
8/19/2021	203	207		416	365
2/8/2022	186	218	280	418	366
8/10/2022		207	316	433	
8/11/2022	210				430
1/27/2023					281
1/30/2023			286		
2/1/2023	174	216		288	
8/12/2023					167
8/13/2023	182	187	261	355	
2/17/2024	175		199		
2/18/2024		199		347	104
8/8/2024	182		189		
8/9/2024		183		182	86.4
2/16/2025			176		
2/17/2025	142	158			
2/18/2025				109	77.4
8/8/2025	160	158	190	147	66.9

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
2/6/2026	146	177	248	222	103

Time Series

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	638			
4/1/2020	567			
6/17/2020	561			
6/18/2020		584	517	
9/21/2020	562		503	
9/23/2020		556		
3/18/2021	574			
3/19/2021			552	
8/16/2021		554		
8/18/2021	549		546	532
2/8/2022	548		519	537
2/9/2022		557		
8/10/2022	498	585		
8/11/2022			499	521
1/27/2023	371			
1/30/2023		558		
2/1/2023			503	492
8/12/2023		469	455	485
8/13/2023	418			
2/18/2024	337	458		
2/19/2024			473	486
8/9/2024	381		471	483
8/10/2024		451		
2/16/2025	238			
2/18/2025		287		
3/6/2025			476	414
8/8/2025	313	352	345	331
2/6/2026	338	325	106	
2/7/2026				358

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	9.94	6.14	5.93	4.56	1.57
7/11/2016	6.3	5.9		5	2
7/12/2016			6.2		
8/30/2016	6	6.2	6.4	4.9	2
10/19/2016	5.8	6.1	6.5	4.6	
10/20/2016					2.2
12/6/2016	5.4	6	7.2	4.5	
12/8/2016					2
1/24/2017	5.2	6.1	6.4	4.7	1.6
3/21/2017	4.6	5.9	7.5	4.3	2
5/22/2017	4.6	5.9	6.5		
5/23/2017				4.5	1.7
10/3/2017	5.6	6.3	6.5	4.8	1.7
6/4/2018	13.1	6.1	6.3	4.5	
6/5/2018					1.6
10/1/2018	6.6	6.4	6.4	3.8	
10/2/2018					2.4
4/1/2019			6.5		
4/2/2019	20.3	5.8		4.4	1.7
9/23/2019	17.7	5.1	5.9		
9/24/2019				3.6	1.7
3/25/2020	20.4	5.2	6.1		
3/26/2020				3.4	1.4
6/16/2020	41.1		5.8		
9/15/2020	13.4	5	6	3.3	1.7
3/10/2021	7.4			2.9	
3/11/2021		5.1	5.9		1.4
8/11/2021	9.6				
8/12/2021		5.2	4.8	2.4	1.4
2/1/2022	7.5	7	5.7		
2/7/2022				2.4	1.4
8/2/2022	14.1	7.8	5.9	2.9	
8/10/2022					2.1
1/23/2023			5.6	1.6	
1/24/2023	9	7.1			
1/27/2023					1.6
8/8/2023	26	6.6	5.3	2.6	1.3
2/13/2024	10	6.3	5.3	1.4	1.8
8/5/2024	8.7	7.9	5.2		
8/6/2024				2.3	2.1
2/12/2025	4.8		5	1.4	
2/14/2025		8.5			1.4
8/5/2025	17.2	9.6	5.5	1.5	1.8
2/3/2026	6.9	8.2	5.5	1.6	
2/4/2026					2.1

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	1.35				
5/23/2016					659
7/11/2016	1.7				
7/12/2016					620
8/30/2016	1.6				
9/1/2016					510
10/20/2016	1.6				
10/24/2016					110
12/7/2016					510
12/8/2016	1.6				
1/24/2017	1.9				
1/26/2017					640
3/21/2017	1.3				
3/23/2017					600
5/23/2017	1.2				
5/24/2017					510
10/3/2017	2.1				
10/4/2017					420
6/5/2018	1.2				
6/6/2018					357
10/2/2018	1.7				
10/3/2018					368
4/2/2019	1.6				
4/5/2019					227
9/24/2019	1.3				188
3/25/2020	1.2				
3/30/2020					236
9/15/2020	1.2				
9/16/2020			4.1	5.65 (D)	
9/17/2020		5.8			
9/18/2020					288
11/10/2020			4.4	7.8	
11/11/2020		3.1			
12/15/2020		3.2	4.7	9.4	
1/19/2021			4.1	9.5	
1/20/2021		2.8			
3/10/2021		3		12.3	
3/11/2021	1.2		4.5		
3/17/2021					233
8/11/2021			3.5		
8/12/2021	0.94 (J)	2.6			
8/13/2021				39.9	
8/18/2021					141
2/1/2022			4.1	44.8	
2/7/2022	1.1	3.1			
2/9/2022					174
8/2/2022			4.3	19.8	
8/9/2022		3.7			
8/10/2022	1.3				
8/11/2022					147
1/23/2023		3.3			
1/24/2023			4.3	24.9	

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
1/27/2023	1.4				
2/1/2023					108
8/8/2023	2.1	3.2	3.5	27	
8/13/2023					95.8
2/13/2024	1.4	4.1	3.9	27.7	
2/17/2024					88.9
8/6/2024	1.3	3.3	4	30.2	
8/10/2024					84.9
2/12/2025			3.8	30.7	
2/14/2025	0.98 (J)	3.1			
2/18/2025					92
8/5/2025	1.3	3.1	4	29.7	
8/8/2025					65.1
2/3/2026			4.2	29.1	
2/4/2026	1.3	3.2			
2/7/2026					48.2

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	209	25.8	94		
5/24/2016				280	
7/12/2016	190	34	100	300	
9/1/2016	200	34	95	270	
10/24/2016	200				
10/25/2016		35	98	290	
12/7/2016	240	38	89		
12/8/2016				300	
1/26/2017	260	41	99	340	
3/22/2017		41	100		
3/23/2017	280			350	
5/24/2017	240	44			
5/25/2017			99	290	
10/4/2017	210	50	130	260	
6/5/2018				261	
6/6/2018	196	50.6	166		
10/3/2018	200	49.9	193	302	
4/4/2019	138	76.8			299
4/5/2019			195	217	
9/24/2019	120				
9/25/2019		84.4	139	181	245
3/26/2020	142				
3/30/2020		80.2			
3/31/2020			161	126	
4/1/2020					236
6/17/2020					223
9/15/2020				150	
9/16/2020			156		
9/17/2020	108	99.3			
9/21/2020					236
2/10/2021				93.4	
3/16/2021	103				
3/17/2021		93.8			
3/18/2021			138	90.2	208
8/18/2021			90.7		
8/19/2021	89.9	90.1		95.8	173
2/8/2022	76.6	96.4	117	105	196
8/10/2022		98.3	148	95.2	
8/11/2022	89.2				216
1/27/2023					167
1/30/2023			154		
2/1/2023	85	112		92.7	
8/12/2023					76.2
8/13/2023	78.2	89.1	109	104	
2/17/2024	70.2		81.7		
2/18/2024		87.5		99	29.7
8/8/2024	80.2		70.2		
8/9/2024		74.8		53.7	20.3
2/16/2025			77.7		
2/17/2025	62.8	87.8			
2/18/2025				44.7	30.1
8/8/2025	69.3	71.3	81.3	50.7	20.9

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
2/6/2026	43.6	61.3	80.5	68.4	41.3

Time Series

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	231			
4/1/2020	242			
6/17/2020	250			
6/18/2020		259	229	
9/21/2020	273		257	
9/23/2020		294		
3/18/2021	199			
3/19/2021			250	
8/16/2021		264		
8/18/2021	118		149	123
2/8/2022	166		202	194
2/9/2022		251		
8/10/2022	120	185		
8/11/2022			172	144
1/27/2023	83.4			
1/30/2023		173		
2/1/2023			189	158
8/12/2023		157	181	139
8/13/2023	99			
2/18/2024	65.5	143		
2/19/2024			150	125
8/9/2024	83.2		159	116
8/10/2024		129		
2/16/2025	38.6			
2/18/2025		215		
3/6/2025			141	87.5
8/8/2025	79.6	141	102	82.5
2/6/2026	65.2	71.8	105	
2/7/2026				75.8

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.005	<0.005	<0.005	<0.005	<0.005
7/11/2016	<0.005	<0.005		<0.005	<0.005
7/12/2016			<0.005		
8/30/2016	<0.005	<0.005	<0.005	<0.005	<0.005
10/19/2016	<0.005	<0.005	<0.005	<0.005	
10/20/2016					<0.005
12/6/2016	<0.005	<0.005	<0.005	<0.005	
12/8/2016					<0.005
1/24/2017	<0.005	<0.005	<0.005	<0.005	<0.005
3/21/2017	0.0005 (J)	<0.005	<0.005	0.0004 (J)	<0.005
5/22/2017	<0.005	<0.005	0.0007 (J)		
5/23/2017				<0.005	<0.005
4/2/2018	<0.005	<0.005		<0.005	
4/3/2018			<0.005		<0.005
3/11/2019				<0.005	
3/12/2019	<0.005	<0.005	<0.005		<0.005
4/1/2019			<0.005		
4/2/2019	<0.005	0.0079 (J)		0.019	<0.005
9/23/2019	<0.005	0.00058 (J)	<0.005		
9/24/2019				<0.005	<0.005
3/2/2020	<0.005	0.00041 (J)	<0.005	0.0004 (J)	0.0005 (J)
3/25/2020	0.00072 (J)	<0.005	<0.005		
3/26/2020				<0.005	<0.005
8/25/2020		0.00067 (J)	<0.005		
8/28/2020	<0.005				
9/15/2020	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2021	<0.005			<0.005	
2/9/2021		<0.005	<0.005		<0.005
3/10/2021	<0.005			<0.005	
3/11/2021		<0.005	<0.005		0.0011 (J)
8/11/2021	<0.005				
8/12/2021		<0.005	<0.005	<0.005	<0.005
2/1/2022	<0.005	<0.005	<0.005		
2/7/2022				<0.005	<0.005
8/2/2022	<0.005	<0.005	<0.005	<0.005	
8/10/2022					<0.005
1/23/2023			<0.005	<0.005	
1/24/2023	<0.005	<0.005			
1/27/2023					<0.005
8/8/2023	<0.005	<0.005	<0.005	<0.005	<0.005
2/13/2024	<0.005	<0.005	<0.005	<0.005	<0.005
8/5/2024	<0.005	<0.005	<0.005		
8/6/2024				<0.005	<0.005
2/12/2025	<0.005		<0.005	<0.005	
2/14/2025		<0.005			<0.005
8/5/2025	<0.005	<0.005	<0.005	<0.005	<0.005
2/3/2026	<0.005	0.00051 (J)	<0.005	0.00056 (J)	
2/4/2026					0.00044 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.005				
5/23/2016					<0.005
7/11/2016	<0.005				
7/12/2016					<0.005
8/30/2016	<0.005				
9/1/2016					<0.005
10/20/2016	<0.005				
10/24/2016					<0.005
12/7/2016					<0.005
12/8/2016	<0.005				
1/24/2017	<0.005				
1/26/2017					<0.005
3/21/2017	0.0007 (J)				
3/23/2017					<0.005
5/23/2017	<0.005				
5/24/2017					<0.005
4/3/2018	<0.005				
4/4/2018					<0.005
3/12/2019	<0.005				
3/14/2019					<0.005
4/2/2019	<0.005				
4/5/2019					<0.005
9/24/2019	<0.005				<0.005
3/2/2020	<0.005				
3/3/2020					0.00042 (J)
3/25/2020	<0.005				
3/30/2020					0.00066 (J)
9/15/2020	<0.005				
9/16/2020			<0.005	0.0012 (J)	
9/17/2020		<0.005			
9/18/2020					<0.005
11/10/2020			<0.005	0.00089 (J)	
11/11/2020		0.00063 (J)			
12/15/2020		0.0025 (J)	<0.005	0.00072 (J)	
1/19/2021			<0.005	0.0011 (J)	
1/20/2021		<0.005			
2/8/2021		0.00078 (J)			
2/9/2021	<0.005		0.00095 (J)	0.00066 (J)	
2/11/2021					<0.005
3/10/2021		<0.005		<0.005	
3/11/2021	<0.005		<0.005		
3/17/2021					<0.005
8/11/2021			<0.005		
8/12/2021	<0.005	<0.005			
8/13/2021				0.0016 (J)	
8/18/2021					<0.005
2/1/2022			<0.005	0.0013 (J)	
2/7/2022	<0.005	<0.005			
2/9/2022					<0.005
8/2/2022			<0.005	<0.005	
8/9/2022		<0.005			
8/10/2022	<0.005				

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
8/11/2022					<0.005
1/23/2023		<0.005			
1/24/2023			<0.005	<0.005	
1/27/2023	<0.005				
2/1/2023					<0.005
8/8/2023	<0.005	<0.005	<0.005	<0.005	
8/13/2023					<0.005
2/13/2024	<0.005	0.01	<0.005	<0.005	
2/17/2024					<0.005
8/6/2024	<0.005	<0.005	<0.005	<0.005	
8/10/2024					<0.005
2/12/2025			<0.005	<0.005	
2/14/2025	<0.005	<0.005			
2/18/2025					<0.005
8/5/2025	<0.005	<0.005	<0.005	<0.005	
8/8/2025					<0.005
2/3/2026			<0.005	0.00047 (J)	
2/4/2026	<0.005	<0.005			
2/7/2026					0.00027 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.005	<0.005	<0.005		
5/24/2016				<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				
10/25/2016		<0.005	<0.005	<0.005	
12/7/2016	<0.005	<0.005	<0.005		
12/8/2016				<0.005	
1/26/2017	<0.005	<0.005	<0.005	<0.005	
3/22/2017		0.0021 (J)	<0.005		
3/23/2017	0.0005 (J)			0.0005 (J)	
5/24/2017	<0.005	<0.005			
5/25/2017			<0.005	<0.005	
4/3/2018	<0.005	<0.005	<0.005	<0.005	
3/14/2019	<0.005			<0.005	
3/15/2019		<0.005	<0.005		<0.005
4/4/2019	<0.005	<0.005			<0.005
4/5/2019			<0.005	<0.005	
9/24/2019	0.00041 (J)				
9/25/2019		<0.005	<0.005	<0.005	<0.005
3/3/2020	<0.005	0.00071 (J)	0.0018 (J)	0.0004 (J)	<0.005
3/26/2020	<0.005				
3/30/2020		0.0004 (J)			
3/31/2020			<0.005	<0.005	
4/1/2020					<0.005
6/17/2020					0.00057 (J)
9/15/2020				0.00063 (J)	
9/16/2020			<0.005		
9/17/2020	<0.005	<0.005			
9/21/2020					<0.005
2/10/2021		<0.005			
2/11/2021			0.00074 (J)	<0.005	<0.005
2/12/2021	<0.005				
3/16/2021	0.0012 (J)				
3/17/2021		<0.005			
3/18/2021			0.00069 (J)	<0.005	0.00074 (J)
8/18/2021			<0.005		
8/19/2021	<0.005	<0.005		<0.005	<0.005
2/8/2022	<0.005	<0.005	<0.005	<0.005	<0.005
8/10/2022		<0.005	<0.005	<0.005	
8/11/2022	<0.005				<0.005
1/27/2023					<0.005
1/30/2023			<0.005		
2/1/2023	<0.005	<0.005		<0.005	
8/12/2023					<0.005
8/13/2023	<0.005	<0.005	<0.005	<0.005	
2/17/2024	<0.005		<0.005		
2/18/2024		<0.005		<0.005	<0.005
8/8/2024	<0.005		<0.005		
8/9/2024		<0.005		<0.005	<0.005
2/16/2025			<0.005		
2/17/2025	<0.005	<0.005			

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
2/18/2025				<0.005	<0.005
8/8/2025	<0.005	<0.005	<0.005	<0.005	<0.005
2/6/2026	0.00033 (J)	0.00054 (J)	0.00032 (J)	0.00031 (J)	0.00024 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.00069 (J)			
6/17/2020	<0.005			
6/18/2020		0.0059 (J)	<0.005	
9/21/2020	<0.005		0.00079 (J)	
9/23/2020		<0.005		
2/12/2021	<0.005			
2/15/2021			<0.005	
3/18/2021	<0.005			
3/19/2021			0.00083 (J)	
8/16/2021		<0.005		
8/18/2021	<0.005		<0.005	<0.005
2/8/2022	<0.005		<0.005	<0.005
2/9/2022		<0.005		
8/10/2022	<0.005	<0.005		
8/11/2022			<0.005	<0.005
1/27/2023	<0.005			
1/30/2023		<0.005		
2/1/2023			<0.005	<0.005
8/12/2023		<0.005	<0.005	<0.005
8/13/2023	<0.005			
2/18/2024	<0.005	<0.005		
2/19/2024			<0.005	<0.005
8/9/2024	0.0028 (J)		<0.005	<0.005
8/10/2024		<0.005		
2/16/2025	<0.005			
2/18/2025		<0.005		
3/6/2025			<0.005	<0.005
8/8/2025	<0.005	<0.005	<0.005	<0.005
2/6/2026	0.00025 (J)	0.00039 (J)	0.00024 (J)	
2/7/2026				0.00026 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.005	0.0293	<0.005	<0.005	<0.005
7/11/2016	0.0004 (J)	0.0267		<0.005	0.001 (J)
7/12/2016			<0.005		
8/30/2016	<0.005	0.028	<0.005	<0.005	0.001 (J)
10/19/2016	<0.005	0.0201	<0.005	<0.005	
10/20/2016					0.0008 (J)
12/6/2016	<0.005	0.0184	<0.005	<0.005	
12/8/2016					0.0006 (J)
1/24/2017	<0.005	0.0206	<0.005	<0.005	0.0006 (J)
3/21/2017	<0.005	0.0251	<0.005	<0.005	0.0008 (J)
5/22/2017	<0.005	0.0263	<0.005		
5/23/2017				<0.005	0.0006 (J)
4/2/2018	<0.005	0.019		<0.005	
4/3/2018			<0.005		<0.005
6/4/2018	<0.005	0.025	<0.005	<0.005	
6/5/2018					<0.005
10/1/2018	<0.005	0.026	<0.005	<0.005	
10/2/2018					<0.005
3/11/2019				<0.005	
3/12/2019	<0.005	0.017	<0.005		0.00099 (J)
4/1/2019			<0.005		
4/2/2019	<0.005	0.019		<0.005	0.0012 (J)
9/23/2019	<0.005	0.038	<0.005		
9/24/2019				<0.005	0.00063 (J)
3/2/2020	<0.005	0.019	<0.005	0.00063 (J)	0.00093 (J)
3/25/2020	<0.005	0.02	<0.005		
3/26/2020				0.00058 (J)	0.0013 (J)
8/25/2020		0.018	<0.005		
8/28/2020	<0.005				
9/15/2020	<0.005	0.021	<0.005	<0.005	0.00047 (J)
2/8/2021	<0.005			0.00074 (J)	
2/9/2021		0.02	<0.005		0.00071 (J)
3/10/2021	<0.005			0.00065 (J)	
3/11/2021		0.013	<0.005		0.0013 (J)
8/11/2021	<0.005				
8/12/2021		0.022	<0.005	0.0007 (J)	<0.005
2/1/2022	<0.005	0.025	<0.005		
2/7/2022				0.00068 (J)	0.00055 (J)
8/2/2022	0.00054 (J)	0.024	<0.005	0.00066 (J)	
8/10/2022					<0.005
1/23/2023			<0.005	0.00049 (J)	
1/24/2023	<0.005	0.024			
1/27/2023					0.00063 (J)
8/8/2023	0.0008 (J)	0.029	<0.005	0.00041 (J)	<0.005
2/13/2024	<0.005	0.022	<0.005	0.00056 (J)	0.00039 (J)
8/5/2024	0.00055 (J)	0.032	<0.005		
8/6/2024				<0.005	0.0004 (J)
2/12/2025	<0.005		<0.005	<0.005	
2/14/2025		0.03			<0.005
8/5/2025	<0.005	0.03	<0.005	<0.005	<0.005
2/3/2026	0.00012 (J)	0.019	<0.005	0.001 (J)	
2/4/2026					0.0004 (J)

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.005				
5/23/2016					<0.25
7/11/2016	<0.005				
7/12/2016					0.0232
8/30/2016	<0.005				
9/1/2016					0.0248
10/20/2016	<0.005				
10/24/2016					0.0253
12/7/2016					0.0269
12/8/2016	<0.005				
1/24/2017	<0.005				
1/26/2017					0.0294
3/21/2017	<0.005				
3/23/2017					0.0311
5/23/2017	<0.005				
5/24/2017					0.0279
4/3/2018	<0.005				
4/4/2018					0.025
6/5/2018	<0.005				
6/6/2018					0.027
10/2/2018	<0.005				
10/3/2018					0.023
3/12/2019	<0.005				
3/14/2019					0.025
4/2/2019	<0.005				
4/5/2019					0.021
9/24/2019	<0.005				0.026
3/2/2020	<0.005				
3/3/2020					0.029
3/25/2020	<0.005				
3/30/2020					0.028
9/15/2020	<0.005				
9/16/2020			<0.005	<0.005	
9/17/2020		<0.005			
9/18/2020					0.027
11/10/2020			<0.005	<0.005	
11/11/2020		<0.005			
12/15/2020		0.00049 (J)	<0.005	<0.005	
1/19/2021			<0.005	<0.005	
1/20/2021		<0.005			
2/8/2021		<0.005			
2/9/2021	<0.005		<0.005	<0.005	
2/11/2021					0.033
3/10/2021		<0.005		<0.005	
3/11/2021	<0.005		<0.005		
3/17/2021					0.034
8/11/2021			<0.005		
8/12/2021	<0.005	<0.005			
8/13/2021				<0.005	
8/18/2021					0.033
2/1/2022			<0.005	<0.005	
2/7/2022	<0.005	<0.005			

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					0.038
8/2/2022			<0.005	<0.005	
8/9/2022		<0.005			
8/10/2022	<0.005				
8/11/2022					0.037
1/23/2023		<0.005			
1/24/2023			<0.005	<0.005	
1/27/2023	<0.005				
2/1/2023					0.035
8/8/2023	<0.005	<0.005	<0.005	<0.005	
8/13/2023					0.036
2/13/2024	<0.005	<0.005	<0.005	<0.005	
2/17/2024					0.038
8/6/2024	0.0014 (J)	0.0024 (J)	<0.005	<0.005	
8/10/2024					0.037
2/12/2025			<0.005	<0.005	
2/14/2025	<0.005	<0.005			
2/18/2025					0.031
8/5/2025	<0.005	<0.005	<0.005	<0.005	
8/8/2025					0.028
2/3/2026			<0.005	<0.005	
2/4/2026	<0.005	<0.005			
2/7/2026					0.025

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	0.0419 (J)	<0.005	0.0167		
5/24/2016				0.17 (J)	
7/12/2016	0.0393	<0.005	0.0148	0.168	
9/1/2016	0.045	<0.005	0.0151	0.18	
10/24/2016	0.0557				
10/25/2016		<0.005	0.0141	0.188	
12/7/2016	0.0536	<0.005	0.0141		
12/8/2016				0.206	
1/26/2017	0.055	<0.005	0.0154	0.195	
3/22/2017		<0.005	0.0169		
3/23/2017	0.0715			0.223	
5/24/2017	0.0446	<0.005			
5/25/2017			0.0154	0.209	
4/3/2018	0.032	<0.005	0.016	0.19	
6/5/2018				0.19	
6/6/2018	0.032	<0.005	0.018		
10/3/2018	0.051	<0.005	0.016	0.19	
3/14/2019	0.038			0.16	
3/15/2019		<0.005	0.017		<0.005
4/4/2019	0.035	0.00028 (J)			0.00034 (J)
4/5/2019			0.016	0.14	
9/24/2019	0.022				
9/25/2019		<0.005	0.015	0.18	<0.005
3/3/2020	0.03	0.00037 (J)	0.016	0.15	<0.005
3/26/2020	0.022				
3/30/2020		<0.005			
3/31/2020			0.016	0.16	
4/1/2020					<0.005
6/17/2020					<0.005
9/15/2020				0.16	
9/16/2020			0.013		
9/17/2020	0.026	<0.005			
9/21/2020					<0.005
2/10/2021		<0.005		0.14	
2/11/2021			0.012	0.14	<0.005
2/12/2021	0.019				
3/16/2021	0.018				
3/17/2021		<0.005			
3/18/2021			0.012	0.14	<0.005
8/18/2021			0.009		
8/19/2021	0.011	<0.005		0.15	<0.005
2/8/2022	0.0081	<0.005	0.0066	0.16	<0.005
8/10/2022		<0.005	0.012	0.16	
8/11/2022	0.0088				<0.005
1/27/2023					<0.005
1/30/2023			0.011		
2/1/2023	0.0091	<0.005		0.11	
8/12/2023					<0.005
8/13/2023	0.0016 (J)	<0.005	0.009	0.14	
2/17/2024	0.0058		0.0036 (J)		
2/18/2024		<0.005		0.15	<0.005
8/8/2024	0.0024 (J)		0.0045 (J)		

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/9/2024		<0.005		0.091	<0.005
2/16/2025			<0.005		
2/17/2025	0.007	<0.005			
2/18/2025				0.061	<0.005
8/8/2025	0.0019 (J)	<0.005	0.0044 (J)	0.07	<0.005
2/6/2026	0.013	<0.005	0.0084	0.087	<0.005

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	0.052			
4/1/2020	0.058			
6/17/2020	0.053			
6/18/2020		0.011	0.091	
9/21/2020	0.047		0.084	
9/23/2020		0.0056		
2/12/2021	0.055			
2/15/2021			0.095	
3/18/2021	0.057			
3/19/2021			0.1	
8/16/2021		0.0093		
8/18/2021	0.054		0.085	0.03
2/8/2022	0.048		0.09	0.031
2/9/2022		0.0065		
8/10/2022	0.046	0.0066		
8/11/2022			0.082	0.027
1/27/2023	0.034			
1/30/2023		0.0071		
2/1/2023			0.088	0.021 (J)
8/12/2023		0.0058	0.082	0.022
8/13/2023	0.061			
2/18/2024	0.042	0.0067		
2/19/2024			0.084	0.046
8/9/2024	0.068		0.084	0.027
8/10/2024		0.0064		
2/16/2025	0.029			
2/18/2025		0.0035 (J)		
3/6/2025			0.082	0.014
8/8/2025	0.041	0.0049 (J)	0.048	0.022
2/6/2026	0.043	0.0045 (J)	<0.005	
2/7/2026				0.02

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

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	0.397	0.627	0.342	0.662	0.685
7/11/2016	0.738	1.38		1.19	1.68
7/12/2016			0.499		
8/30/2016	0.581	1.05	0.976	0.847	2.42
10/19/2016	0.213	1.11	0.626	2.34	
10/20/2016					0.351
12/6/2016	0.444	0.741	0.805	0.925	
12/8/2016					0.905
1/24/2017	0.373	0.908	0.336	0.607	0.0774
3/21/2017	0.816	0.567	0.358	0.074	0.0599
5/22/2017	0.554 (U)	0.638 (U)	0.744 (U)		
5/23/2017				0.55 (U)	0.477 (U)
4/2/2018	0.405	0.761		0.371	
4/3/2018			0.684		0.858
6/4/2018	1.13 (U)	0.975 (U)	0.0291 (U)	0.622 (U)	
6/5/2018					0.767 (U)
10/1/2018	0.132 (U)	0.434 (U)	0.781 (U)	0.132 (U)	
10/2/2018					0.489 (U)
3/11/2019				0.781 (U)	
3/12/2019	0.327 (U)	0.454 (U)	1.01 (U)		0.833 (U)
4/1/2019			0.76 (U)		
4/2/2019	0.739 (U)	0.651 (U)		0.494 (U)	1.07 (U)
9/24/2019				0.455 (U)	0.201 (U)
9/30/2019	0.306 (U)	1.04 (U)	0.384 (U)		
3/2/2020	0.61 (U)	1.58	0.249 (U)	0.937 (U)	0.547 (U)
3/25/2020	4.36	0.621 (U)	0.833 (U)		
3/26/2020				0.578 (U)	0.907 (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)	0.179 (U)	0.601 (U)
2/8/2021	0.223 (U)			0.558 (U)	
2/9/2021		0.721 (UD)	0.447 (U)		0.37 (U)
3/10/2021	0 (U)			0.281 (U)	
3/11/2021		0.737 (U)	0.128 (U)		1.07 (U)
8/11/2021	0.115 (U)				
8/12/2021		0.746 (U)	0.4435 (UD)	0.359 (U)	0.922 (U)
2/1/2022	0.143 (U)	0.588 (U)	0.266 (U)		
2/7/2022				0.0978 (U)	0.106 (U)
8/2/2022	0.203 (U)	0.861 (U)	0.4 (U)	0.963 (U)	
8/10/2022					0.568 (U)
1/23/2023			0.311 (U)	0.961	
1/24/2023	0.549 (U)	0.829 (U)			
1/27/2023					1.47 (U)
8/8/2023	0.195 (U)	0.175 (U)	0.411 (U)	0.463 (U)	0.222 (U)
2/13/2024	0.194 (U)	0.325 (U)	0.213 (U)	0.721 (U)	0.0243 (U)
8/5/2024	0.64 (U)	1.27	0.371 (U)		
8/6/2024				0.369 (U)	0.611 (U)
2/12/2025	0.624 (U)				
2/14/2025		1.2 (U)	0.606 (U)	1.83	1.3 (U)
8/5/2025	0.226 (U)	0.278 (U)	0.125 (U)	0.537 (U)	0.733 (U)
2/3/2026	1.02 (U)	0.679 (U)	0.888 (U)	1.51	
2/4/2026					1.55

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	0.843				
5/23/2016					0.568
7/11/2016	0.494				
7/12/2016					1.31
8/30/2016	0.946				
9/1/2016					1.64
10/20/2016	0.664				
10/24/2016					1.88
12/7/2016					1.35
12/8/2016	0.421				
1/24/2017	0.965				
1/26/2017					2.1
3/21/2017	0.139				
3/23/2017					1.17
5/23/2017	0.308 (U)				
5/24/2017					1 (U)
4/3/2018	0.828				
4/4/2018					1.72
6/5/2018	0.424 (U)				
6/6/2018					1.31
10/2/2018	0.643 (U)				
10/3/2018					1.48
3/12/2019	0.982 (U)				
3/14/2019					1.5
4/2/2019	0.621 (U)				
4/5/2019					1.43 (U)
9/24/2019	0.874 (U)				1.17
3/2/2020	0.676 (U)				
3/3/2020					1.84
3/25/2020	0.509 (U)				
3/30/2020					1.08 (U)
9/15/2020	1.36 (U)				
9/16/2020			0.531 (U)	0.422 (U)	
9/17/2020		0.665 (U)			
9/18/2020					1.8 (U)
11/10/2020			0.788 (U)	0.293 (U)	
11/11/2020		1.28			
12/15/2020		0.261 (U)	1.04 (U)	0.7 (U)	
1/19/2021			0.685 (U)	0.79 (U)	
1/20/2021		0.845 (U)			
2/8/2021		0.429 (U)			
2/9/2021	0.324 (U)		0.138 (UD)	0.486 (U)	
2/11/2021					0.73 (U)
3/10/2021		1.21		0.811 (U)	
3/11/2021	0.601 (U)		1.51 (U)		
3/17/2021					1.84
8/11/2021			0.394 (U)		
8/12/2021	0.0804 (U)	0.11 (U)			
8/13/2021				1.0795 (UD)	
8/18/2021					0.858 (U)
2/1/2022			1.12	0.665 (U)	
2/7/2022	0.346 (U)	0.066 (U)			

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					0.346 (U)
8/2/2022			0.662 (U)	0.952 (U)	
8/9/2022		0.158 (U)			
8/10/2022	0.648 (U)				
8/11/2022					1.31
1/23/2023		1.12			
1/24/2023			1.25	0.421 (U)	
1/27/2023	0.801 (U)				
2/1/2023					1.13
8/8/2023	0.168 (U)	0.463 (U)	0.503 (U)	0.163 (U)	
8/13/2023					0.801 (U)
2/13/2024	0.153 (U)	0.168 (U)	0.86 (U)	0.909	
2/17/2024					0.439 (U)
8/6/2024	0.619 (U)	0.917 (U)	0.674 (U)	0.529 (U)	
8/10/2024					0.844 (U)
2/12/2025			0.624 (U)	0.622 (U)	
2/14/2025	0.159 (U)	0.3 (U)			
2/18/2025					0.685 (U)
8/5/2025	0.31 (U)	0.585 (U)	0.994 (U)	0.255 (U)	
8/8/2025					0.803 (U)
2/3/2026			1.14 (U)	0.915 (U)	
2/4/2026	0.295 (U)	0.276 (U)			
2/7/2026					0.537 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	0.171		0.618		
5/24/2016				1.82	
7/1/2016		0			
7/12/2016	0.611	0.182	0.867	1.76	
9/1/2016	0.766	1.23	0.857	1.51	
10/24/2016	0.969				
10/25/2016		1.05	1.11	2.69	
12/7/2016	0.302	1.11	0.964		
12/8/2016				2.21	
1/26/2017	0.626	1.29	0.612	2.26	
3/22/2017		0.453	0.437		
3/23/2017	0.662			1.81	
5/24/2017	0.202 (U)	1.05			
5/25/2017			1.21 (U)	1.63	
4/3/2018	0.384	0.783	0.409	2.53	
6/5/2018				1.91	
6/6/2018	1.32	0.595 (U)	0.772 (U)		
10/3/2018	0.858 (U)	1.03 (U)	1.08 (U)	2.22	
3/14/2019	0.462 (U)			1.37 (U)	
3/15/2019		0.591 (U)	0.917 (U)		0.972 (U)
4/4/2019	0.512 (U)	0.96 (U)			0.791 (U)
4/5/2019			1.07 (U)	2.22	
9/24/2019	0.582 (U)				
9/25/2019		0.643 (U)	1.54	2.77	0.751 (U)
3/3/2020	1.43	1.32	1.33	2.35	1.94
3/26/2020	0.855 (U)				
3/30/2020		0.288 (U)			
3/31/2020			0.591 (U)	2.7	
4/1/2020					0.758 (U)
6/17/2020					0.691 (U)
9/15/2020				1.65	
9/16/2020			0.295 (U)		
9/17/2020	0.395 (U)	1.1 (U)			
9/21/2020					0.436 (U)
2/10/2021		0.773 (U)			
2/11/2021			0.831 (U)	1.11	0.317 (U)
2/12/2021	1.65				
3/16/2021	0.801 (U)				
3/17/2021		0.228 (U)			
3/18/2021			0.856 (U)	1.63	0.5 (U)
8/18/2021			0.548 (U)		
8/19/2021	0.527 (U)	0.668 (U)		1.45	1.17
2/8/2022	0.0242 (U)	0.168 (U)	1 (U)	0.93 (U)	0.463 (U)
8/10/2022		0.249 (U)	0.361 (U)	1.46	
8/11/2022	0.656 (U)				0.691 (U)
1/27/2023					0.256 (U)
1/30/2023			0.5 (U)		
2/1/2023	0.626 (U)	0.757 (U)		0.871	
8/12/2023					0.297 (U)
8/13/2023	0.785 (U)	0.281 (U)	0.678 (U)	1.03	
2/17/2024	0.576 (U)		0.633 (U)		
2/18/2024		0.248 (U)		0.757 (U)	0.127 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/8/2024	0.124 (U)		0.721 (U)		
8/9/2024		0.51 (U)		1.12	0.526 (U)
2/16/2025			1.24 (U)		
2/17/2025	0.191 (U)	0.825 (U)			
2/18/2025				1.56 (U)	0.925 (U)
8/8/2025	0.337 (U)	0.638 (U)	0 (U)	0.479 (U)	0.483 (U)
2/6/2026	0.458 (U)	0.935 (U)	0.184 (U)	1.46 (U)	0.154 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	2.57			
6/17/2020	1.43 (U)			
6/18/2020		1.36	2.02	
9/21/2020	2.53		3.85	
9/23/2020		0.563 (U)		
2/12/2021	2.26			
2/15/2021			1.52	
3/18/2021	0.733 (U)			
3/19/2021			0.524 (U)	
8/16/2021		0.693 (U)		
8/18/2021	1.77		1.67	0.973 (U)
2/8/2022	0.967 (U)		1.38	0.431 (U)
2/9/2022		0.297 (U)		
8/10/2022	1.52	1.05		
8/11/2022			1.71	1.02
1/27/2023	1.44 (U)			
1/30/2023		0.689 (U)		
2/1/2023			1.24	0.82 (U)
8/12/2023		0.676 (U)	0.897 (U)	0.484 (U)
8/13/2023	0.773 (U)			
2/18/2024	0.552 (U)	0.515 (U)		
2/19/2024			1.43	0.995 (U)
8/9/2024	0.729 (U)		0.703 (U)	0.478 (U)
8/10/2024		0.59 (U)		
2/16/2025	1.11 (U)			
2/18/2025		0.911 (U)		
3/6/2025			1.17 (U)	0.605 (U)
8/8/2025	1.2 (U)	0.471 (U)	1.47	1.28 (U)
2/6/2026	1.4 (U)	0.647 (U)	1.37 (U)	
2/7/2026				0.451 (U)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	0.105 (J)	0.0303 (J)	0.0513 (J)	0.036 (J)	0.08 (J)
7/11/2016	0.16 (J)	0.05 (J)		0.09 (J)	0.09 (J)
7/12/2016			0.12 (J)		
8/30/2016	0.09 (J)	0.06 (J)	0.09 (J)	0.06 (J)	0.08 (J)
10/19/2016	0.1 (J)	0.04 (J)	0.1 (J)	0.07 (J)	
10/20/2016					0.1 (J)
12/6/2016	0.11 (J)	0.36	0.21 (J)	0.07 (J)	
12/8/2016					0.08 (J)
1/24/2017	0.09 (J)	<0.1	0.06 (J)	<0.1	0.09 (J)
3/21/2017	0.13 (J)	<0.1	0.005 (J)	<0.1	0.04 (J)
5/22/2017	0.12 (J)	<0.1	0.05 (J)		
5/23/2017				0.01 (J)	0.04 (J)
10/3/2017	0.13 (J)	<0.1	0.13 (J)	<0.1	0.06 (J)
4/2/2018	<0.3	<0.1		<0.1	
4/3/2018			<0.1		<0.1
6/4/2018	0.074 (J)	<0.1	<0.1	0.097 (J)	
6/5/2018					0.083 (J)
10/1/2018	<0.3	<0.1	<0.1	<0.1	
10/2/2018					<0.1
3/11/2019				0.035 (J)	
3/12/2019	0.29 (J)	0.038 (J)	0.072 (J)		0.079 (J)
4/1/2019			0.029 (J)		
4/2/2019	0.1 (J)	0.071 (J)		<0.1	0.12 (J)
9/23/2019	0.078 (J)	<0.1	<0.1		
9/24/2019				<0.1	0.058 (J)
3/2/2020	0.076 (J)	<0.1	<0.1	<0.1	0.053 (J)
3/25/2020	0.098 (J)	<0.1	<0.1		
3/26/2020				<0.1	0.066 (J)
6/16/2020	0.071 (J)		<0.1		
8/25/2020		<0.1	<0.1		
8/28/2020	0.08 (J)				
9/15/2020	0.082 (J)	<0.1	<0.1	<0.1	0.061 (J)
2/8/2021	0.078 (J)			<0.1	
2/9/2021		<0.1	0.074 (J)		0.053 (J)
3/10/2021	0.079 (J)			<0.1	
3/11/2021		0.1	<0.1		0.06 (J)
8/11/2021	0.058 (J)				
8/12/2021		<0.1	<0.1	<0.1	<0.1
2/1/2022	0.064 (J)	<0.1	<0.1		
2/7/2022				<0.1	<0.1
8/2/2022	0.09 (J)	0.053 (J)	0.067 (J)	0.076 (J)	
8/10/2022					0.078 (J)
1/23/2023			0.061 (J)	0.12	
1/24/2023	0.089 (J)	0.053 (J)			
1/27/2023					0.088 (J)
8/8/2023	0.088 (J)	0.07 (J)	0.055 (J)	0.11	0.059 (J)
2/13/2024	0.071 (J)	0.17	<0.1	0.13	0.059 (J)
8/5/2024	0.11	0.12	0.077 (J)		
8/6/2024				0.19	0.098 (J)
2/12/2025	0.1		0.073 (J)	0.16	
2/14/2025		0.1			<0.1
8/5/2025	0.055 (J)	<0.1	<0.1	0.12	0.054 (J)

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
2/3/2026	0.089 (J)	0.13	0.066 (J)	0.18	
2/4/2026					0.092 (J)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	0.065 (J)				
5/23/2016					<0.1
7/11/2016	0.13 (J)				
7/12/2016					0.2 (J)
8/30/2016	0.07 (J)				
9/1/2016					0.08 (J)
10/20/2016	0.06 (J)				
10/24/2016					0.04 (J)
12/7/2016					0.11 (J)
12/8/2016	0.06 (J)				
1/24/2017	0.02 (J)				
1/26/2017					0.13 (J)
3/21/2017	0.08 (J)				
3/23/2017					0.28 (J)
5/23/2017	0.006 (J)				
5/24/2017					0.32
10/3/2017	<0.1				
10/4/2017					0.52
4/3/2018	<0.1				
4/4/2018					<0.1
6/5/2018	0.055 (J)				
6/6/2018					0.25 (J)
10/2/2018	0.076 (J)				
10/3/2018					0.21 (J)
3/12/2019	0.061 (J)				
3/14/2019					0.24 (J)
4/2/2019	<0.1				
4/5/2019					0.66
9/24/2019	<0.1				0.053 (J)
3/2/2020	<0.1				
3/3/2020					<0.1
3/25/2020	<0.1				
3/30/2020					0.092 (J)
9/15/2020	<0.1				
9/16/2020			0.22	0.37 (D)	
9/17/2020		0.2			
9/18/2020					<0.1
11/10/2020			0.19	0.59	
11/11/2020		0.1			
12/15/2020		0.11	0.21	0.67	
1/19/2021			0.16	0.74	
1/20/2021		0.082 (J)			
2/8/2021		0.096 (J)			
2/9/2021	<0.1		0.19	0.44	
2/11/2021					0.059 (J)
3/10/2021		0.11		0.65	
3/11/2021	0.17		0.2		
3/17/2021					0.076 (J)
8/11/2021			0.15		
8/12/2021	<0.1	0.079 (J)			
8/13/2021				0.87	
8/18/2021					<0.1

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/1/2022			0.19	0.96	
2/7/2022	<0.1	0.085 (J)			
2/9/2022					0.053 (J)
8/2/2022			0.22	0.8	
8/9/2022		0.12			
8/10/2022	0.067 (J)				
8/11/2022					0.085 (J)
1/23/2023		0.11			
1/24/2023			0.23	1.3	
1/27/2023	0.067 (J)				
2/1/2023					0.094 (J)
8/8/2023	0.072 (J)	0.1	0.18	1.3	
8/13/2023					0.1
2/13/2024	0.065 (J)	0.087 (J)	0.2	1.5	
2/17/2024					0.065 (J)
8/6/2024	0.08 (J)	0.12	0.21	1.3	
8/10/2024					0.19
2/12/2025			0.21	1.1	
2/14/2025	<0.1	0.073 (J)			
2/18/2025					0.055 (J)
8/5/2025	0.064 (J)	0.11	0.16	0.87	
8/8/2025					0.08 (J)
2/3/2026			0.18	0.95	
2/4/2026	0.08 (J)	0.13			
2/7/2026					0.052 (J)

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.1	0.038 (J)	<0.3		
5/24/2016				<0.3	
7/12/2016	0.09 (J)	0.26 (J)	0.09 (J)	0.54	
9/1/2016	0.22 (J)	0.42	0.03 (J)	0.49	
10/24/2016	0.07 (J)				
10/25/2016		0.25 (J)	0.07 (J)	0.58	
12/7/2016	0.23 (J)	0.23 (J)	0.54		
12/8/2016				0.63	
1/26/2017	<0.1	0.02 (J)	<0.3	0.71	
3/22/2017		0.3	0.07 (J)		
3/23/2017	0.12 (J)			0.57	
5/24/2017	0.31	0.46			
5/25/2017			0.42	0.54	
10/4/2017	0.6	<0.1	0.93	0.95	
4/3/2018	<0.1	<0.1	<0.3	0.33	
6/5/2018				0.66	
6/6/2018	0.17 (J)	<0.1	0.23 (J)		
10/3/2018	<0.1	<0.1	<0.3	0.32	
3/14/2019	<0.1			0.88	
3/15/2019		<0.1	<0.3		<0.1
4/4/2019	0.066 (J)	<0.1			0.1 (J)
4/5/2019			0.16 (J)	0.37	
9/24/2019	0.12 (J)				
9/25/2019		<0.1	0.081 (J)	0.73	<0.1
3/3/2020	0.064 (J)	<0.1	<0.3	0.34	<0.1
3/26/2020	<0.1				
3/30/2020		0.059 (J)			
3/31/2020			<0.3	0.45	
4/1/2020					<0.1
6/17/2020					<0.1
9/15/2020				0.31	
9/16/2020			0.058 (J)		
9/17/2020	<0.1	<0.1			
9/21/2020					<0.1
2/10/2021		0.21			
2/11/2021			0.058 (J)	0.71	<0.1
2/12/2021	0.053 (J)				
3/16/2021	<0.1				
3/17/2021		<0.1			
3/18/2021			0.057 (J)	0.64	<0.1
8/18/2021			0.062 (J)		
8/19/2021	<0.1	<0.1		0.31	<0.1
2/8/2022	<0.1	<0.1	0.055 (J)	0.19	<0.1
8/10/2022		0.054 (J)	0.086 (J)	0.3	
8/11/2022	0.097 (J)				0.056 (J)
1/27/2023					0.05 (J)
1/30/2023			0.097 (J)		
2/1/2023	0.086 (J)	0.053 (J)		0.21	
8/12/2023					<0.1
8/13/2023	0.12	0.053 (J)	0.081 (J)	0.25	
2/17/2024	0.064 (J)		0.057 (J)		
2/18/2024		<0.1		0.17	<0.1

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/8/2024	0.08 (J)		0.066 (J)		
8/9/2024		0.052 (J)		0.28	0.078 (J)
2/16/2025			0.05 (J)		
2/17/2025	0.052 (J)	<0.1			
2/18/2025				0.067 (J)	<0.1
8/8/2025	0.12	0.051 (J)	0.083 (J)	0.2	0.061 (J)
2/6/2026	0.065 (J)	0.052 (J)	0.066 (J)	0.092 (J)	0.059 (J)

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	0.18 (J)			
4/1/2020	0.15 (J)			
6/17/2020	0.25			
6/18/2020		0.082 (J)	0.053 (J)	
9/21/2020	0.14		<0.1	
9/23/2020		<0.1		
2/12/2021	0.25			
2/15/2021			0.093 (J)	
3/18/2021	0.4			
3/19/2021			0.082 (J)	
8/16/2021		0.066 (J)		
8/18/2021	0.16		0.052 (J)	0.072 (J)
2/8/2022	0.14		0.065 (J)	0.078 (J)
2/9/2022		0.051 (J)		
8/10/2022	0.21	0.081 (J)		
8/11/2022			0.088 (J)	0.11
1/27/2023	0.087 (J)			
1/30/2023		0.089 (J)		
2/1/2023			0.1	0.18
8/12/2023		0.062 (J)	0.077 (J)	0.1
8/13/2023	0.22			
2/18/2024	0.088 (J)	<0.1		
2/19/2024			0.16	0.12
8/9/2024	0.39		0.13	0.15
8/10/2024		0.1		
2/16/2025	0.089 (J)			
2/18/2025		<0.1		
3/6/2025			0.066 (J)	0.078 (J)
8/8/2025	0.2	0.087 (J)	0.18	0.13
2/6/2026	0.086 (J)	0.074 (J)	0.13	
2/7/2026				0.095 (J)

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.001	<0.001	<0.001	<0.001	<0.001
7/11/2016	<0.001	<0.001		<0.001	<0.001
7/12/2016			0.0001 (J)		
8/30/2016	<0.001	<0.001	<0.001	<0.001	<0.001
10/19/2016	<0.001	<0.001	<0.001	<0.001	
10/20/2016					0.0002 (J)
12/6/2016	<0.001	<0.001	<0.001	0.0002 (J)	
12/8/2016					<0.001
1/24/2017	<0.001	<0.001	<0.001	<0.001	<0.001
3/21/2017	<0.001	6E-05 (J)	0.0001 (J)	<0.001	<0.001
5/22/2017	<0.001	9E-05 (J)	<0.001		
5/23/2017				<0.001	9E-05 (J)
4/2/2018	<0.001	<0.001		<0.001	
4/3/2018			<0.001		<0.001
3/11/2019				<0.001	
3/12/2019	<0.001	<0.001	<0.001		<0.001
4/1/2019			<0.001		
4/2/2019	<0.001	<0.001		<0.001	<0.001
9/23/2019	7.8E-05 (J)	9.2E-05 (J)	<0.001		
9/24/2019				<0.001	<0.001
3/2/2020	4.8E-05 (J)	9.5E-05 (J)	<0.001	0.00026 (J)	<0.001
3/25/2020	<0.001	0.00011 (J)	<0.001		
3/26/2020				5.9E-05 (J)	<0.001
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)	4.9E-05 (J)	<0.001
2/8/2021	5.8E-05 (J)			0.00024 (J)	
2/9/2021		9.4E-05 (J)	<0.001		<0.001
3/10/2021	<0.001			0.00016 (J)	
3/11/2021		7.6E-05 (J)	<0.001		<0.001
8/11/2021	<0.001				
8/12/2021		<0.001	<0.001	<0.001	<0.001
2/1/2022	<0.001	<0.001	<0.001		
2/7/2022				<0.001	<0.001
8/2/2022	<0.001	<0.001	<0.001	<0.001	
8/10/2022					<0.001
1/23/2023			<0.001	<0.001	
1/24/2023	<0.001	<0.001			
1/27/2023					<0.001
8/8/2023	<0.001	<0.001	<0.001	<0.001	<0.001
2/13/2024	<0.001	0.00018 (J)	<0.001	0.00019 (J)	<0.001
8/5/2024	<0.001	<0.001	<0.001		
8/6/2024				<0.001	<0.001
2/12/2025	<0.001		<0.001	<0.001	
2/14/2025		<0.001			<0.001
8/5/2025	<0.001	<0.001	0.0003 (J)	<0.001	<0.001
2/3/2026	<0.001	<0.001	<0.001	<0.001	
2/4/2026					<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.001				
5/23/2016					0.00182 (J)
7/11/2016	<0.001				
7/12/2016					0.0015 (J)
8/30/2016	<0.001				
9/1/2016					0.0016 (J)
10/20/2016	<0.001				
10/24/2016					0.0016 (J)
12/7/2016					0.0018 (J)
12/8/2016	<0.001				
1/24/2017	<0.001				
1/26/2017					0.002 (J)
3/21/2017	<0.001				
3/23/2017					0.0019 (J)
5/23/2017	0.0003 (J)				
5/24/2017					0.0016 (J)
4/3/2018	<0.001				
4/4/2018					<0.001
3/12/2019	<0.001				
3/14/2019					0.0014 (J)
4/2/2019	<0.001				
4/5/2019					0.0012 (J)
9/24/2019	7.1E-05 (J)				0.0013 (J)
3/2/2020	<0.001				
3/3/2020					0.0017 (J)
3/25/2020	<0.001				
3/30/2020					0.0015 (J)
9/15/2020	<0.001				
9/16/2020			5E-05 (J)	0.00021 (J)	
9/17/2020		6.2E-05 (J)			
9/18/2020					0.0012 (J)
11/10/2020			6.9E-05 (J)	0.0002 (J)	
11/11/2020		8.4E-05 (J)			
12/15/2020		0.00045 (J)	8.2E-05 (J)	0.00011 (J)	
1/19/2021			4.4E-05 (J)	0.00019 (J)	
1/20/2021		<0.001			
2/8/2021		8.1E-05 (J)			
2/9/2021	<0.001		0.00029 (J)	0.0001 (J)	
2/11/2021					0.0015 (J)
3/10/2021		<0.001		<0.001	
3/11/2021	<0.001		9.4E-05 (J)		
3/17/2021					0.0019
8/11/2021			<0.001		
8/12/2021	<0.001	<0.001			
8/13/2021				<0.001	
8/18/2021					0.0015
2/1/2022			<0.001	<0.001	
2/7/2022	<0.001	<0.001			
2/9/2022					0.0014
8/2/2022			<0.001	<0.001	
8/9/2022		<0.001			
8/10/2022	<0.001				

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
8/11/2022					<0.001
1/23/2023		<0.001			
1/24/2023			<0.001	<0.001	
1/27/2023	<0.001				
2/1/2023					0.0011
8/8/2023	<0.001	<0.001	<0.001	<0.001	
8/13/2023					0.00079 (J)
2/13/2024	<0.001	0.00085 (J)	<0.001	<0.001	
2/17/2024					0.0012
8/6/2024	<0.001	<0.001	<0.001	<0.001	
8/10/2024					0.0012
2/12/2025			<0.001	<0.001	
2/14/2025	<0.001	<0.001			
2/18/2025					0.00097 (J)
8/5/2025	<0.001	<0.001	<0.001	<0.001	
8/8/2025					0.0017
2/3/2026			<0.001	<0.001	
2/4/2026	<0.001	<0.001			
2/7/2026					0.00097 (J)

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.001	<0.001	<0.001		
5/24/2016				0.00154 (J)	
7/12/2016	<0.001	<0.001	<0.001	0.0012 (J)	
9/1/2016	<0.001	<0.001	<0.001	0.0014 (J)	
10/24/2016	<0.001				
10/25/2016		<0.001	<0.001	0.0015 (J)	
12/7/2016	<0.001	<0.001	<0.001		
12/8/2016				0.0017 (J)	
1/26/2017	<0.001	0.0001 (J)	<0.001	0.0013 (J)	
3/22/2017		0.0002 (J)	0.0001 (J)		
3/23/2017	0.001 (J)			0.001 (J)	
5/24/2017	0.0001 (J)	0.0001 (J)			
5/25/2017			<0.001	0.0012 (J)	
4/3/2018	<0.001	<0.001	<0.001	<0.001	
3/14/2019	<0.001			0.0015 (J)	
3/15/2019		<0.001	<0.001		<0.001
4/4/2019	7.2E-05 (J)	0.00016 (J)			<0.001
4/5/2019			7.6E-05 (J)	0.0015 (J)	
9/24/2019	0.0002 (J)				
9/25/2019		<0.001	8.9E-05 (J)	0.0015 (J)	<0.001
3/3/2020	5.3E-05 (J)	0.00016 (J)	0.00013 (J)	0.0013 (J)	4.7E-05 (J)
3/26/2020	<0.001				
3/30/2020		7.3E-05 (J)			
3/31/2020			7.7E-05 (J)	0.0014 (J)	
4/1/2020					4.8E-05 (J)
6/17/2020					<0.001
9/15/2020				0.0014 (J)	
9/16/2020			6.5E-05 (J)		
9/17/2020	<0.001	7.8E-05 (J)			
9/21/2020					<0.001
2/10/2021		9.4E-05 (J)			
2/11/2021			0.00018 (J)	0.00098 (J)	0.00066 (J)
2/12/2021	<0.001				
3/16/2021	<0.001				
3/17/2021		5.8E-05 (J)			
3/18/2021			8.8E-05 (J)	0.00096 (J)	7.3E-05 (J)
8/18/2021			<0.001		
8/19/2021	<0.001	<0.001		0.0013	<0.001
2/8/2022	<0.001	<0.001	<0.001	0.0009 (J)	<0.001
8/10/2022		<0.001	<0.001	0.0011	
8/11/2022	<0.001				<0.001
1/27/2023					<0.001
1/30/2023			<0.001		
2/1/2023	<0.001	<0.001		<0.001	
8/12/2023					<0.001
8/13/2023	<0.001	<0.001	0.00049 (J)	0.00075 (J)	
2/17/2024	<0.001		<0.001		
2/18/2024		<0.001		0.0011	<0.001
8/8/2024	<0.001		0.00032 (J)		
8/9/2024		<0.001		0.0007 (J)	<0.001
2/16/2025			<0.001		
2/17/2025	<0.001	<0.001			

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
2/18/2025				0.00038 (J)	<0.001
8/8/2025	<0.001	<0.001	<0.001	0.00048 (J)	<0.001
2/6/2026	<0.001	<0.001	<0.001	0.0005 (J)	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.0017 (J)			
6/17/2020	0.0017 (J)			
6/18/2020		0.00087 (J)	0.00016 (J)	
9/21/2020	0.0017 (J)		0.00099 (J)	
9/23/2020		<0.001		
2/12/2021	0.0018 (J)			
2/15/2021			0.00055 (J)	
3/18/2021	0.0017			
3/19/2021			0.00066 (J)	
8/16/2021		<0.001		
8/18/2021	0.0016		<0.001	<0.001
2/8/2022	0.0014		<0.001	<0.001
2/9/2022		<0.001		
8/10/2022	<0.001	<0.001		
8/11/2022			<0.001	<0.001
1/27/2023	<0.001			
1/30/2023		<0.001		
2/1/2023			<0.001	<0.001
8/12/2023		<0.001	0.00035 (J)	<0.001
8/13/2023	0.0011			
2/18/2024	0.00084 (J)	<0.001		
2/19/2024			0.0006 (J)	<0.001
8/9/2024	0.0023		0.00068 (J)	<0.001
8/10/2024		<0.001		
2/16/2025	0.00041 (J)			
2/18/2025		<0.001		
3/6/2025			0.00035 (J)	<0.001
8/8/2025	0.00099 (J)	<0.001	<0.001	<0.001
2/6/2026	0.00077 (J)	<0.001	<0.001	
2/7/2026				<0.001

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.002	<0.002	<0.002	<0.002	<0.002
7/11/2016	<0.002	0.0014 (J)		0.0015 (J)	0.0034 (J)
7/12/2016			0.0024 (J)		
8/30/2016	<0.002	<0.002	0.0025 (J)	0.0027 (J)	0.003 (J)
10/19/2016	<0.002	<0.002	0.003 (J)	0.0042 (J)	
10/20/2016					0.0031 (J)
12/6/2016	<0.002	<0.002	0.0033 (J)	0.0046 (J)	
12/8/2016					0.0027 (J)
1/24/2017	<0.002	<0.002	0.003 (J)	<0.002	0.0028 (J)
3/21/2017	<0.002	0.0012 (J)	0.0034 (J)	<0.002	0.0037 (J)
5/22/2017	<0.002	<0.002	0.003 (J)		
5/23/2017				<0.002	0.0033 (J)
4/2/2018	<0.002	0.0015 (J)		<0.002	
4/3/2018			0.003 (J)		0.0033 (J)
6/4/2018	0.001 (J)	0.0016 (J)	0.0027 (J)	0.00097 (J)	
6/5/2018					0.0034 (J)
10/1/2018	0.00099 (J)	0.0013 (J)	0.0032 (J)	<0.002	
10/2/2018					0.0035 (J)
3/11/2019				<0.002	
3/12/2019	0.001 (J)	0.0018 (J)	0.0032 (J)		0.0032 (J)
4/1/2019			0.0032 (J)		
4/2/2019	0.001 (J)	0.0018 (J)		0.00098 (J)	0.0028 (J)
9/23/2019	0.0011 (J)	0.0016 (J)	0.0029 (J)		
9/24/2019				<0.002	0.0035 (J)
3/2/2020	0.0012 (J)	0.0017 (J)	0.0037 (J)	0.0012 (J)	0.0036 (J)
3/25/2020	0.00083 (J)	0.0017 (J)	0.0035 (J)		
3/26/2020				0.00095 (J)	0.0029 (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)	<0.002	0.003 (J)
2/8/2021	0.00086 (J)			0.0013 (J)	
2/9/2021		0.0012 (J)	0.0032 (J)		0.003 (J)
3/10/2021	0.0009 (J)			0.0011 (J)	
3/11/2021		0.0011 (J)	0.0035 (J)		0.0037 (J)
8/11/2021	0.00078 (J)				
8/12/2021		0.0012 (J)	0.0028 (J)	0.0013 (J)	0.0032 (J)
2/1/2022	0.0011 (J)	0.0017 (J)	0.0037 (J)		
2/7/2022				0.0013 (J)	0.0029 (J)
8/2/2022	<0.002	0.0013 (J)	0.003 (J)	0.0011 (J)	
8/10/2022					0.0028 (J)
1/23/2023			0.003 (J)	<0.002	
1/24/2023	0.00092 (J)	0.0014 (J)			
1/27/2023					0.003 (J)
8/8/2023	<0.002	0.0017 (J)	0.0031 (J)	<0.002	0.0095 (J)
2/13/2024	<0.002	0.0017 (J)	0.0034 (J)	<0.002	0.0032 (J)
8/5/2024	<0.002	0.0019 (J)	0.0034 (J)		
8/6/2024				0.0029 (J)	<0.002
2/12/2025	0.00119 (J)		0.00331 (J)	0.00126 (J)	
2/14/2025		0.00183 (J)			0.00335 (J)
8/5/2025	0.00116 (J)	0.0026	0.00374	0.000902 (J)	0.00366
2/3/2026	0.00144 (J)	0.00202	0.00408	0.00164 (J)	
2/4/2026					0.0033

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.002				
5/23/2016					<0.002
7/11/2016	0.01 (J)				
7/12/2016					<0.002
8/30/2016	0.0095 (J)				
9/1/2016					<0.002
10/20/2016	0.0105 (J)				
10/24/2016					<0.002
12/7/2016					<0.002
12/8/2016	0.01 (J)				
1/24/2017	0.0108 (J)				
1/26/2017					<0.002
3/21/2017	0.0115 (J)				
3/23/2017					<0.002
5/23/2017	0.011 (J)				
5/24/2017					<0.002
4/3/2018	0.012 (J)				
4/4/2018					<0.002
6/5/2018	0.011 (J)				
6/6/2018					<0.002
10/2/2018	0.01 (J)				
10/3/2018					<0.002
3/12/2019	0.011 (J)				
3/14/2019					<0.002
4/2/2019	0.0095 (J)				
4/5/2019					<0.002
9/24/2019	0.011 (J)				<0.002
3/2/2020	0.012 (J)				
3/3/2020					<0.002
3/25/2020	0.011 (J)				
3/30/2020					<0.002
9/15/2020	0.0095 (J)				
9/16/2020			0.0018 (J)	0.014 (J)	
9/17/2020		0.0039 (J)			
9/18/2020					<0.002
11/10/2020			0.0013 (J)	0.025 (J)	
11/11/2020		0.0086 (J)			
12/15/2020		0.008 (J)	0.0019 (J)	0.028 (J)	
1/19/2021			0.0025 (J)	0.034	
1/20/2021		0.01 (J)			
2/8/2021		0.0098 (J)			
2/9/2021	0.01 (J)		0.0026 (J)	0.026 (J)	
2/11/2021					<0.002
3/10/2021		0.0094 (J)		0.03	
3/11/2021	0.012 (J)		0.0022 (J)		
3/17/2021					<0.002
8/11/2021			0.0024 (J)		
8/12/2021	0.0094 (J)	0.0096 (J)			
8/13/2021				0.032	
8/18/2021					<0.002
2/1/2022			0.0024 (J)	0.048	
2/7/2022	0.0097 (J)	0.0097 (J)			

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					<0.002
8/2/2022			0.0019 (J)	0.041	
8/9/2022		0.011 (J)			
8/10/2022	0.01 (J)				
8/11/2022					<0.002
1/23/2023		0.0097 (J)			
1/24/2023			0.002 (J)	0.064	
1/27/2023	0.0096 (J)				
2/1/2023					<0.002
8/8/2023	0.0028 (J)	0.01 (J)	0.0021 (J)	0.092	
8/13/2023					<0.002
2/13/2024	0.01 (J)	0.011 (J)	0.0024 (J)	0.088	
2/17/2024					0.0029 (J)
8/6/2024	<0.002	0.0021 (J)	0.0025 (J)	0.1	
8/10/2024					<0.002
2/12/2025			0.00266 (J)	0.101	
2/14/2025	0.0115 (J)	0.0118 (J)			
2/18/2025					0.000675 (J)
8/5/2025	0.0114	0.0113	0.00308	0.104	
8/8/2025					0.00078 (J)
2/3/2026			0.00335	0.111	
2/4/2026	0.0113	0.0116			
2/7/2026					0.00104 (J)

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.002	<0.002	<0.002		
5/24/2016				0.0142 (J)	
7/12/2016	<0.002	0.0037 (J)	<0.002	0.0141 (J)	
9/1/2016	0.0021 (J)	0.0033 (J)	<0.002	0.0158 (J)	
10/24/2016	<0.002				
10/25/2016		0.0029 (J)	<0.002	0.016 (J)	
12/7/2016	<0.002	0.0029 (J)	<0.002		
12/8/2016				0.0144 (J)	
1/26/2017	<0.002	0.0028 (J)	<0.002	0.0136 (J)	
3/22/2017		0.0025 (J)	<0.002		
3/23/2017	0.0016 (J)			0.0151 (J)	
5/24/2017	0.0029 (J)	0.0029 (J)			
5/25/2017			0.0011 (J)	0.0154 (J)	
4/3/2018	0.0026 (J)	0.0028 (J)	<0.002	0.013 (J)	
6/5/2018				0.013 (J)	
6/6/2018	0.0013 (J)	0.0031 (J)	<0.002		
10/3/2018	0.0017 (J)	0.0026 (J)	<0.002	0.015 (J)	
3/14/2019	<0.002			0.011 (J)	
3/15/2019		0.0041 (J)	0.0011 (J)		0.025 (J)
4/4/2019	0.0009 (J)	0.0032 (J)			0.019 (J)
4/5/2019			0.00074 (J)	0.0084 (J)	
9/24/2019	0.0012 (J)				
9/25/2019		0.0038 (J)	0.0011 (J)	0.015 (J)	0.024 (J)
3/3/2020	0.0084 (J)	0.0047 (J)	0.0012 (J)	0.012 (J)	0.026 (J)
3/26/2020	0.0061 (J)				
3/30/2020		0.0041 (J)			
3/31/2020			0.0009 (J)	0.012 (J)	
4/1/2020					0.026 (J)
6/17/2020					0.023 (J)
9/15/2020				0.014 (J)	
9/16/2020			0.0012 (J)		
9/17/2020	0.0094 (J)	0.0043 (J)			
9/21/2020					0.022 (J)
2/10/2021		0.0038 (J)			
2/11/2021			0.0013 (J)	0.011 (J)	0.021 (J)
2/12/2021	0.036				
3/16/2021	0.032				
3/17/2021		0.0048 (J)			
3/18/2021			0.0014 (J)	0.013 (J)	0.026 (J)
8/18/2021			0.0012 (J)		
8/19/2021	0.0058 (J)	0.0042 (J)		0.013 (J)	0.022 (J)
2/8/2022	0.014 (J)	0.0034 (J)	0.0014 (J)	0.01 (J)	0.022 (J)
8/10/2022		0.0032 (J)	0.0014 (J)	0.012 (J)	
8/11/2022	0.0025 (J)				0.022 (J)
1/27/2023					0.018 (J)
1/30/2023			0.0014 (J)		
2/1/2023	0.016 (J)	0.0036 (J)		0.0093 (J)	
8/12/2023					0.015 (J)
8/13/2023	0.0047 (J)	0.003 (J)	0.0018 (J)	0.012 (J)	
2/17/2024	0.014 (J)		<0.002		
2/18/2024		0.003 (J)		0.0098 (J)	0.012 (J)
8/8/2024	0.0042 (J)		0.0017 (J)		

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/9/2024		0.0028 (J)		0.011 (J)	0.011 (J)
2/16/2025			0.00123 (J)		
2/17/2025	0.0146 (J)	0.00272 (J)			
2/18/2025				0.00876 (J)	0.0119 (J)
8/8/2025	0.00586	0.00312	0.00146 (J)	0.00964	0.00994
2/6/2026	0.0106	0.00374	0.00997	0.0143	0.00107 (J)

Time Series

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.0011 (J)			
6/17/2020	0.00097 (J)			
6/18/2020		0.0021 (J)	0.0046 (J)	
9/21/2020	0.00086 (J)		0.0036 (J)	
9/23/2020		0.0011 (J)		
2/12/2021	0.0011 (J)			
2/15/2021			0.0043 (J)	
3/18/2021	0.0012 (J)			
3/19/2021			0.0045 (J)	
8/16/2021		0.001 (J)		
8/18/2021	0.00097 (J)		0.0036 (J)	0.0022 (J)
2/8/2022	0.001 (J)		0.0039 (J)	0.001 (J)
2/9/2022		0.0022 (J)		
8/10/2022	0.0009 (J)	0.0015 (J)		
8/11/2022			<0.002	0.0014 (J)
1/27/2023	<0.002			
1/30/2023		0.0013 (J)		
2/1/2023			0.0034 (J)	0.0015 (J)
8/12/2023		0.0013 (J)	0.0031 (J)	0.00098 (J)
8/13/2023	0.00077 (J)			
2/18/2024	<0.002	<0.002		
2/19/2024			0.0031 (J)	0.0017 (J)
8/9/2024	0.0022 (J)		0.0034 (J)	<0.002
8/10/2024		<0.002		
2/16/2025	0.000839 (J)			
2/18/2025		0.0023 (J)		
3/6/2025			0.00319 (J)	0.00184 (J)
8/8/2025	0.000612 (J)	0.00123 (J)	0.00191 (J)	0.00177 (J)
2/6/2026	0.00148 (J)	0.00281	0.0026	
2/7/2026				0.0107

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
7/11/2016	<0.0002	<0.0002		<0.0002	<0.0002
7/12/2016			<0.0002		
8/30/2016	4E-05 (J)	4E-05 (J)	<0.0002	5E-05 (J)	<0.0002
10/19/2016	<0.0002	<0.0002	<0.0002	<0.0002	
10/20/2016					<0.0002
12/6/2016	<0.0002	<0.0002	<0.0002	5E-05 (J)	
12/8/2016					<0.0002
1/24/2017	<0.0002	<0.0002	<0.0002	0.0001 (J)	<0.0002
3/21/2017	<0.0002	<0.0002	<0.0002	0.00016 (J)	<0.0002
5/22/2017	<0.0002	<0.0002	<0.0002		
5/23/2017				5E-05 (J)	<0.0002
4/2/2018	<0.0002	<0.0002		<0.0002	
4/3/2018			<0.0002		<0.0002
3/11/2019				<0.0002	
3/12/2019	<0.0002	<0.0002	<0.0002		<0.0002
3/2/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/25/2020		<0.0002	<0.0002		
8/28/2020	<0.0002				
2/8/2021	<0.0002			<0.0002	
2/9/2021		<0.0002	<0.0002		<0.0002
8/11/2021	<0.0002				
8/12/2021		<0.0002	<0.0002		
2/1/2022	<0.0002	<0.0002	<0.0002		
2/7/2022				<0.0002	<0.0002
8/2/2022	<0.0002	<0.0002	<0.0002	<0.0002	
8/10/2022					<0.0002
1/23/2023			<0.0002	<0.0002	
1/24/2023	<0.0002	<0.0002			
1/27/2023					<0.0002
8/8/2023	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/13/2024	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/5/2024	<0.0002	<0.0002	<0.0002		
8/6/2024				<0.0002	<0.0002
2/12/2025	<0.0002		<0.0002	<0.0002	
2/14/2025		<0.0002			<0.0002
8/5/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/3/2026	<0.0002	<0.0002	<0.0002	<0.0002	
2/4/2026					<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.0002				
5/23/2016					<0.0002
7/11/2016	<0.0002				
7/12/2016					<0.0002
8/30/2016	4.4E-05 (J)				
9/1/2016					<0.0002
10/20/2016	<0.0002				
10/24/2016					<0.0002
12/7/2016					<0.0002
12/8/2016	<0.0002				
1/24/2017	<0.0002				
1/26/2017					<0.0002
3/21/2017	<0.0002				
3/23/2017					<0.0002
5/23/2017	<0.0002				
5/24/2017					<0.0002
4/3/2018	<0.0002				
4/4/2018					<0.0002
3/12/2019	<0.0002				
3/14/2019					<0.0002
3/2/2020	<0.0002				
3/3/2020					<0.0002
9/16/2020			<0.0002	<0.0002	
9/17/2020		<0.0002			
11/10/2020			<0.0002	<0.0002	
11/11/2020		<0.0002			
12/15/2020		<0.0002	<0.0002	<0.0002	
1/19/2021			<0.0002	<0.0002	
1/20/2021		<0.0002			
2/8/2021		<0.0002			
2/9/2021	<0.0002		<0.0002	<0.0002	
2/11/2021					<0.0002
8/11/2021			<0.0002		
8/13/2021				<0.0002	
2/1/2022			<0.0002	<0.0002	
2/7/2022	<0.0002	<0.0002			
2/9/2022					<0.0002
8/2/2022			<0.0002	<0.0002	
8/9/2022		<0.0002			
8/10/2022	<0.0002				
8/11/2022					<0.0002
1/23/2023		<0.0002			
1/24/2023			<0.0002	<0.0002	
1/27/2023	<0.0002				
2/1/2023					<0.0002
8/8/2023	<0.0002	<0.0002	<0.0002	<0.0002	
8/13/2023					<0.0002
2/13/2024	<0.0002	<0.0002	<0.0002	<0.0002	
2/17/2024					<0.0002
8/6/2024	<0.0002	<0.0002	<0.0002	<0.0002	
8/10/2024					<0.0002
2/12/2025			<0.0002	<0.0002	

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/14/2025	<0.0002	<0.0002			
2/18/2025					<0.0002
8/5/2025	<0.0002	<0.0002	<0.0002	<0.0002	
8/8/2025					<0.0002
2/3/2026			<0.0002	<0.0002	
2/4/2026	<0.0002	<0.0002			
2/7/2026					0.00012 (J)

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.0002	<0.0002	<0.0002		
5/24/2016				<0.0002	
7/12/2016	<0.0002	<0.0002	<0.0002	<0.0002	
9/1/2016	<0.0002	<0.0002	<0.0002	6E-05 (J)	
10/24/2016	<0.0002				
10/25/2016		<0.0002	<0.0002	4E-05 (J)	
12/7/2016	<0.0002	<0.0002	<0.0002		
12/8/2016				<0.0002	
1/26/2017	<0.0002	<0.0002	<0.0002	8E-05 (J)	
3/22/2017		<0.0002	<0.0002		
3/23/2017	<0.0002			9E-05 (J)	
5/24/2017	<0.0002	<0.0002			
5/25/2017			<0.0002	8E-05 (J)	
4/3/2018	<0.0002	<0.0002	<0.0002	<0.0002	
3/14/2019	<0.0002			<0.0002	
3/15/2019		<0.0002	<0.0002		<0.0002
9/24/2019	0.024				
9/25/2019				<0.0002	
3/3/2020	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/10/2021		<0.0002			
2/11/2021			<0.0002	<0.0002	<0.0002
2/12/2021	<0.0002				
2/8/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
8/10/2022		<0.0002	<0.0002	<0.0002	
8/11/2022	<0.0002				<0.0002
1/27/2023					<0.0002
1/30/2023			<0.0002		
2/1/2023	<0.0002	<0.0002		<0.0002	
8/12/2023					<0.0002
8/13/2023	<0.0002	<0.0002	<0.0002	<0.0002	
2/17/2024	<0.0002		<0.0002		
2/18/2024		<0.0002		<0.0002	<0.0002
8/8/2024	<0.0002		<0.0002		
8/9/2024		<0.0002		<0.0002	<0.0002
2/16/2025			<0.0002		
2/17/2025	<0.0002	<0.0002			
2/18/2025				<0.0002	<0.0002
8/8/2025	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/6/2026	0.00014 (J)	0.00012 (J)	0.00012 (J)	0.00029	0.00012 (J)

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
2/12/2021	<0.0002			
2/15/2021			<0.0002	
2/8/2022	<0.0002		0.00014 (J)	<0.0002
2/9/2022		<0.0002		
8/10/2022	<0.0002	<0.0002		
8/11/2022			0.00014 (J)	0.00013 (J)
1/27/2023	<0.0002			
1/30/2023		<0.0002		
2/1/2023			0.00084	<0.0002
8/12/2023		<0.0002	<0.0002	<0.0002
8/13/2023	<0.0002			
2/18/2024	<0.0002	<0.0002		
2/19/2024			<0.0002	<0.0002
8/9/2024	<0.0002		<0.0002	<0.0002
8/10/2024		<0.0002		
2/16/2025	<0.0002			
2/18/2025		<0.0002		
3/6/2025			0.00035	<0.0002
8/8/2025	<0.0002	<0.0002	<0.0002	<0.0002
2/6/2026	0.00017 (J)	0.00011 (J)	0.00017 (J)	
2/7/2026				0.00011 (J)

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.01	<0.01	<0.01	<0.01	<0.01
7/11/2016	<0.01	<0.01		<0.01	<0.01
7/12/2016			<0.01		
8/30/2016	<0.01	<0.01	<0.01	<0.01	<0.01
10/19/2016	<0.01	<0.01	<0.01	<0.01	
10/20/2016					<0.01
12/6/2016	<0.01	<0.01	<0.01	<0.01	
12/8/2016					<0.01
1/24/2017	<0.01	<0.01	<0.01	<0.01	<0.01
3/21/2017	<0.01	<0.01	<0.01	<0.01	<0.01
5/22/2017	<0.01	<0.01	<0.01		
5/23/2017				<0.01	<0.01
4/2/2018	<0.01	<0.01		<0.01	
4/3/2018			<0.01		<0.01
6/4/2018	<0.01	<0.01	<0.01		
10/1/2018	<0.01	<0.01	<0.01		
3/11/2019				<0.01	
3/12/2019	<0.01	<0.01	<0.01		<0.01
4/1/2019			<0.01		
4/2/2019	<0.01	<0.01		<0.01	<0.01
9/23/2019	<0.01	<0.01	<0.01		
9/24/2019				<0.01	<0.01
3/2/2020	<0.01	<0.01	<0.01	<0.01	<0.01
3/25/2020	<0.01	<0.01	<0.01		
3/26/2020				<0.01	<0.01
6/16/2020	<0.01		<0.01		
8/25/2020		<0.01	<0.01		
8/28/2020	<0.01				
9/15/2020	<0.01	<0.01	<0.01	<0.01	<0.01
2/8/2021	<0.01			<0.01	
2/9/2021		<0.01	<0.01		<0.01
3/10/2021	<0.01			<0.01	
3/11/2021		<0.01	<0.01		<0.01
8/11/2021	<0.01				
8/12/2021		<0.01	<0.01	<0.01	<0.01
2/1/2022	<0.01	<0.01	<0.01		
2/7/2022				<0.01	<0.01
8/2/2022	<0.01	<0.01	<0.01	<0.01	
8/10/2022					<0.01
1/23/2023			<0.01	<0.01	
1/24/2023	<0.01	<0.01			
1/27/2023					<0.01
8/8/2023	<0.01	<0.01	<0.01	<0.01	<0.01
2/13/2024	<0.01	<0.01	<0.01	<0.01	<0.01
8/5/2024	<0.01	<0.01	<0.01		
8/6/2024				<0.01	<0.01
2/12/2025	<0.01		<0.01	<0.01	
2/14/2025		<0.01			<0.01
8/5/2025	<0.01	<0.01	<0.01	<0.01	<0.01
2/3/2026	<0.01	<0.01	<0.01	<0.01	
2/4/2026					<0.01

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.01				
5/23/2016					<0.01
7/11/2016	0.0008 (J)				
7/12/2016					<0.01
8/30/2016	<0.01				
9/1/2016					<0.01
10/20/2016	<0.01				
10/24/2016					<0.01
12/7/2016					<0.01
12/8/2016	<0.01				
1/24/2017	<0.01				
1/26/2017					<0.01
3/21/2017	0.0002 (J)				
3/23/2017					<0.01
5/23/2017	<0.01				
5/24/2017					<0.01
4/3/2018	<0.01				
4/4/2018					<0.01
3/12/2019	<0.01				
3/14/2019					<0.01
4/2/2019	<0.01				
4/5/2019					<0.01
9/24/2019	<0.01				<0.01
3/2/2020	<0.01				
3/3/2020					<0.01
3/25/2020	<0.01				
3/30/2020					<0.01
9/15/2020	<0.01				
9/16/2020			0.0044 (J)	0.0019 (J)	
9/17/2020		0.0037 (J)			
9/18/2020					<0.01
11/10/2020			0.0072 (J)	0.0018 (J)	
11/11/2020		<0.01			
12/15/2020		0.00082 (J)	0.0044 (J)	0.0019 (J)	
1/19/2021			0.0038 (J)	0.0035 (J)	
1/20/2021		<0.01			
2/8/2021		<0.01			
2/9/2021	<0.01		0.0045 (J)	0.0038 (J)	
2/11/2021					<0.01
3/10/2021		<0.01		0.0019 (J)	
3/11/2021	<0.01		0.0064 (J)		
3/17/2021					<0.01
8/11/2021			0.0034 (J)		
8/12/2021	<0.01	<0.01			
8/13/2021				0.0051 (J)	
8/18/2021					<0.01
2/1/2022			0.0036 (J)	0.0055 (J)	
2/7/2022	<0.01	0.00099 (J)			
2/9/2022					<0.01
8/2/2022			0.0042 (J)	0.002 (J)	
8/9/2022		<0.01			
8/10/2022	<0.01				

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
8/11/2022					<0.01
1/23/2023		<0.01			
1/24/2023			0.0027 (J)	0.0026 (J)	
1/27/2023	<0.01				
2/1/2023					<0.01
8/8/2023	<0.01	<0.01	0.0019 (J)	0.0013 (J)	
8/13/2023					<0.01
2/13/2024	<0.01	0.0021 (J)	0.0015 (J)	0.0018 (J)	
2/17/2024					<0.01
8/6/2024	0.14 (O)	0.2 (O)	0.001 (J)	0.00079 (J)	
8/10/2024					<0.01
2/12/2025			<0.01	<0.01	
2/14/2025	<0.01	<0.01			
2/18/2025					<0.01
8/5/2025	<0.01	<0.01	<0.01	<0.01	
8/8/2025					<0.01
2/3/2026			<0.01	<0.01	
2/4/2026	<0.01	<0.01			
2/7/2026					<0.01

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.01	<0.01	<0.01		
5/24/2016				<0.01	
7/12/2016	0.0007 (J)	<0.01	<0.01	<0.01	
9/1/2016	<0.01	<0.01	<0.01	<0.01	
10/24/2016	<0.01				
10/25/2016		<0.01	<0.01	<0.01	
12/7/2016	<0.01	<0.01	<0.01		
12/8/2016				<0.01	
1/26/2017	<0.01	<0.01	<0.01	<0.01	
3/22/2017		<0.01	<0.01		
3/23/2017	<0.01			<0.01	
5/24/2017	<0.01	<0.01			
5/25/2017			<0.01	<0.01	
4/3/2018	<0.01	<0.01	<0.01	<0.01	
3/14/2019	<0.01			<0.01	
3/15/2019		<0.01	<0.01		0.045
4/4/2019	<0.01	<0.01			0.033
4/5/2019			<0.01	<0.01	
9/24/2019	<0.01				
9/25/2019		<0.01	<0.01	<0.01	0.038
3/3/2020	<0.01	<0.01	<0.01	<0.01	0.025
3/26/2020	<0.01				
3/30/2020		<0.01			
3/31/2020			<0.01	<0.01	
4/1/2020					0.024
6/17/2020					0.019
9/15/2020				<0.01	
9/16/2020			<0.01		
9/17/2020	<0.01	<0.01			
9/21/2020					0.017
2/10/2021		<0.01			
2/11/2021			<0.01	<0.01	0.016
2/12/2021	<0.01				
3/16/2021	<0.01				
3/17/2021		<0.01			
3/18/2021			<0.01	<0.01	0.016
8/18/2021			<0.01		
8/19/2021	<0.01	<0.01		<0.01	0.018
2/8/2022	<0.01	<0.01	<0.01	<0.01	0.016
8/10/2022		<0.01	<0.01	<0.01	
8/11/2022	<0.01				0.023
1/27/2023					0.028
1/30/2023			<0.01		
2/1/2023	<0.01	<0.01		<0.01	
8/12/2023					0.021
8/13/2023	<0.01	<0.01	<0.01	<0.01	
2/17/2024	<0.01		<0.01		
2/18/2024		<0.01		<0.01	0.015
8/8/2024	<0.01		<0.01		
8/9/2024		<0.01		<0.01	0.013
2/16/2025			<0.01		
2/17/2025	<0.01	<0.01			

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
2/18/2025				<0.01	0.0098 (J)
8/8/2025	<0.01	<0.01	<0.01	<0.01	0.011
2/6/2026	<0.01	<0.01	<0.01	<0.01	0.016

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	<0.01			
6/17/2020	<0.01			
6/18/2020		<0.01	<0.01	
9/21/2020	<0.01		<0.01	
9/23/2020		<0.01		
2/12/2021	<0.01			
2/15/2021			<0.01	
3/18/2021	<0.01			
3/19/2021			<0.01	
8/16/2021		<0.01		
8/18/2021	<0.01		<0.01	<0.01
2/8/2022	<0.01		<0.01	<0.01
2/9/2022		<0.01		
8/10/2022	<0.01	<0.01		
8/11/2022			<0.01	<0.01
1/27/2023	<0.01			
1/30/2023		<0.01		
2/1/2023			<0.01	<0.01
8/12/2023		<0.01	<0.01	<0.01
8/13/2023	<0.01			
2/18/2024	<0.01	<0.01		
2/19/2024			<0.01	<0.01
8/9/2024	<0.01		<0.01	<0.01
8/10/2024		<0.01		
2/16/2025	<0.01			
2/18/2025		<0.01		
3/6/2025			<0.01	<0.01
8/8/2025	<0.01	<0.01	<0.01	<0.01
2/6/2026	<0.01	<0.01	0.017	
2/7/2026				<0.01

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

Time Series

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	7.27	5.81	7.45	6.51	6.62
7/11/2016	7.06	5.68		6.65	6.54
7/12/2016			7.32		
8/30/2016	7.28	5.63	7.43	7.14	6.38
10/19/2016	7.02	5.46	7.03	7.08	
10/20/2016					6.52
12/6/2016	7.09	5.38	7.08	7	
12/8/2016					6.5
1/24/2017	7.2	5.37	7.39	6.16	6.59
3/21/2017	7.01	4.9	6.83	6.07	6.55
5/22/2017	7.11	5.2	7.02		
5/23/2017				6.28	6.5
10/3/2017	7.21	5.3	7.47	6.45	6.63
4/2/2018	7.1	5.4		6.23	
4/3/2018			7.38		6.59
6/4/2018	7.06	5.27	7.38	6.82	
6/5/2018					6.44
10/1/2018	7.09	5.31	7.13	5.73	
10/2/2018					6.35
3/11/2019				6.27	
3/12/2019	7.03	5.42	7.29		6.42
4/1/2019			7.16		
4/2/2019	6.86	5.41		6.66	6.38
9/23/2019	7.02	5.33	7.3		
9/24/2019				6.16	6.4
9/30/2019	7	5.35	7.37		
3/2/2020	7.1	5.43	7.12	5.63	6.8
3/25/2020	6.95	5.36	7.4		
3/26/2020				5.77	6.38
6/16/2020	6.97		7.31		
8/25/2020		5.15	7.14		
8/28/2020	7.02				
9/15/2020	7.15	5.22	7.29	5.75	6.33
2/8/2021	7.11			4.94	
2/9/2021		5.42	7.23		6.35
3/10/2021	6.95			5.28	
3/11/2021		5.8	7.33		6.48
8/11/2021	6.98				
8/12/2021		5.05	7.31	5.26	6.462679
2/1/2022	7.19	5.24	7.45		
2/7/2022				5.24	6.51
8/2/2022	7.03	4.57	7.02	4.86	
8/10/2022					6.22
1/23/2023			7.32	5.62	
1/24/2023	6.76	5.22			
1/27/2023					6.52
8/8/2023	7.05	5.01	7.42	6.03	6.5
2/13/2024	7.06	5.49	7.35	5.98	6.66
8/5/2024	7.29	4.91	7.27		
8/6/2024				6.14	6.4
2/12/2025	7.08		7.37	5.69	
2/14/2025		5.75	7.45	5.94	6.52

Time Series

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
8/5/2025	6.94	4.9	7.12	5.58	6.42
2/3/2026	7.07	5.66	7.33	5.55	
2/4/2026					6.47

Time Series

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	7.58				
5/23/2016					4.56
7/11/2016	7.32				
7/12/2016					4.49
8/30/2016	7.69				
9/1/2016					4.54
10/20/2016	7.43				
10/24/2016					4.63
12/7/2016					4.6
12/8/2016	7.56				
1/24/2017	7.52				
1/26/2017					4.8
3/21/2017	7.4				
3/23/2017					4.57
5/23/2017	7.53				
5/24/2017					4.61
10/3/2017	7.51				
10/4/2017					4.74
4/3/2018	7.53				
4/4/2018					4.5
6/5/2018	7.37				
6/6/2018					4.49
10/2/2018	7.36				
10/3/2018					4.67
3/12/2019	7.5				
3/14/2019					4.66
4/2/2019	7.46				
4/5/2019					4.67
9/24/2019	7.41				4.77
3/2/2020	7.67				
3/3/2020					4.77
3/25/2020	7.39				
3/30/2020					4.57
9/15/2020	7.37				
9/16/2020			7.52	7.83	
9/17/2020		7.62			
9/18/2020					4.88
11/10/2020			7.27	7.84	
11/11/2020		7.68			
12/15/2020		7.64	7.39	7.87	
1/19/2021			7.39	7.86	
1/20/2021		7.68			
2/8/2021		7.64			
2/9/2021	7.4		7.44	7.84	
2/11/2021					4.84
3/10/2021		7.7		7.92	
3/11/2021	7.56		7.46		
3/17/2021					4.72
8/11/2021			7.4		
8/12/2021	7.47	7.7			
8/13/2021				7.77	
8/18/2021					4.9

Time Series

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/1/2022			7.52	8.25	
2/7/2022	7.65	7.85			
2/9/2022					4.97
8/2/2022			7.15	7.9	
8/9/2022		7.58			
8/10/2022	7.53				
8/11/2022					4.93
1/23/2023		7.55			
1/24/2023			7.56	8.22	
1/27/2023	7.66				
2/1/2023					4.93
8/8/2023	7.6	7.72	7.39	8.2	
8/13/2023					4.83
2/13/2024	7.59	7.68	7.47	8.1	
2/17/2024					5.05
8/6/2024	7.56	7.64	7.46	8.36	
8/10/2024					4.88
2/12/2025			7.5	8.49	
2/14/2025	7.6	7.79			
2/18/2025					4.81
8/5/2025	7.47	7.42	7.42	8.46	
8/8/2025					4.65
2/3/2026			7.41	8.6	
2/4/2026	7.69	7.86			
2/7/2026					4.92

Time Series

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	6.17	7.15	6.4		
5/24/2016				4.83	
7/12/2016	6.17	7.1	6.09	4.58	
9/1/2016	6.22	7.29	6.35	4.51	
10/24/2016	5.97				
10/25/2016		7.03	6.23	4.53	
12/7/2016	5.87	6.85	6.23		
12/8/2016				4.56	
1/26/2017	6.05	7.07	6.24	4.61	
3/22/2017		7.15	6.25		
3/23/2017	5.79			4.63	
5/24/2017	6.01	7.11			
5/25/2017			6.27	4.69	
10/4/2017	5.82	7.17	6.18	4.58	
4/3/2018	5.98	7.07	6.22	4.54	
6/5/2018				4.57	
6/6/2018	6.12	7	6.22		
10/3/2018	5.92	6.94	6.23	4.41	
3/14/2019	5.71			4.39	
3/15/2019		7.09	6.32		6.81
4/4/2019	5.66	6.95			6.7
4/5/2019			6.26	4.5	
9/24/2019	6.33				
9/25/2019		6.92	6.28	4.54	6.54
3/3/2020	6	7.1	6.35	4.55	6.72
3/26/2020	6.03				
3/30/2020		7.09			
3/31/2020			6.28	4.43	
4/1/2020					6.9
6/17/2020					6.47
9/15/2020				4.47	
9/16/2020			6.35		
9/17/2020	6.11	7.11			
9/21/2020					6.92
2/10/2021		7.08		4.55	
2/11/2021			6.31	4.53	6.87
2/12/2021	5.99				
3/16/2021	6.08				
3/17/2021		7.19			
3/18/2021			6.43	4.54	6.95
8/18/2021			6.43		
8/19/2021	6.18	7.04		4.43	6.85
2/8/2022	6.04	7.18	6.42	4.59	7.09
8/10/2022		7.09	6.29	4.41	
8/11/2022	6.29				6.96
1/27/2023					7.31
1/30/2023			6.44		
2/1/2023	6.22	7.15		4.66	
8/12/2023					7.17
8/13/2023	6.66	7.13	6.46	4.75	
2/17/2024	6.56		6.54		
2/18/2024		7.12		4.73	7.19

Time Series

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/8/2024	6.6		6.9		
8/9/2024		7.32		4.95	7.42
2/16/2025			6.47		
2/17/2025	6.53	7.36			
2/18/2025				5	7.61
8/8/2025	6.59	7.11	6.42	4.72	7.29
2/6/2026	6.14	7.15	6.44	4.9	7.38

Time Series

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	4.51			
4/1/2020	4.35			
6/17/2020	4.36			
6/18/2020		7.35	5.46	
9/21/2020	4.48		5.4	
9/23/2020		7.05		
2/12/2021	4.4			
2/15/2021			4.82	
3/18/2021	4.27			
3/19/2021			4.89	
8/16/2021		7.05		
8/18/2021	4.42		4.89	6.19
2/8/2022	4.42		4.86	6.57
2/9/2022		7.21		
8/10/2022	4.36	7		
8/11/2022			4.86	6.37
1/27/2023	5.61			
1/30/2023		6.99		
2/1/2023			4.89	6.37
8/12/2023		7.06	5.05	6.6
8/13/2023	4.54			
2/18/2024	4.74	7.02		
2/19/2024			5.51	6.08
8/9/2024	4.87		5.05	6.49
8/10/2024		7.11		
2/16/2025	4.88			
2/18/2025		7.2		
3/6/2025			5.57	5.9
8/8/2025	4.7	6.98	5.91	5.95
2/6/2026	4.7	6.94	5.83	
2/7/2026				5.89

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.005	<0.005	<0.005	<0.005	<0.005
7/11/2016	<0.005	<0.005		<0.005	<0.005
7/12/2016			<0.005		
8/30/2016	<0.005	<0.005	<0.005	<0.005	<0.005
10/19/2016	<0.005	<0.005	<0.005	<0.005	
10/20/2016					<0.005
12/6/2016	<0.005	<0.005	<0.005	<0.005	
12/8/2016					<0.005
1/24/2017	<0.005	<0.005	<0.005	<0.005	0.0011 (J)
3/21/2017	<0.005	<0.005	<0.005	<0.005	<0.005
5/22/2017	<0.005	<0.005	<0.005		
5/23/2017				<0.005	<0.005
4/2/2018	<0.005	<0.005		<0.005	
4/3/2018			<0.005		<0.005
6/4/2018	<0.005	<0.005	<0.005	<0.005	
6/5/2018					<0.005
10/1/2018	<0.005	<0.005	<0.005	<0.005	
10/2/2018					<0.005
3/11/2019				<0.005	
3/12/2019	<0.005	<0.005	<0.005		<0.005
4/1/2019			<0.005		
4/2/2019	<0.005	<0.005		<0.005	<0.005
9/23/2019	<0.005	<0.005	<0.005		
9/24/2019				<0.005	<0.005
3/2/2020	<0.005	<0.005	<0.005	<0.005	<0.005
3/25/2020	<0.005	<0.005	<0.005		
3/26/2020				<0.005	<0.005
8/25/2020		<0.005	<0.005		
8/28/2020	<0.005				
9/15/2020	<0.005	<0.005	<0.005	<0.005	<0.005
2/8/2021	<0.005			<0.005	
2/9/2021		<0.005	<0.005		<0.005
3/10/2021	0.0047 (J)			<0.005	
3/11/2021		<0.005	<0.005		<0.005
8/11/2021	<0.005				
8/12/2021		<0.005	<0.005	<0.005	<0.005
2/1/2022	<0.005	<0.005	<0.005		
2/7/2022				<0.005	<0.005
8/2/2022	<0.005	0.0014 (J)	<0.005	<0.005	
8/10/2022					<0.005
1/23/2023			<0.005	<0.005	
1/24/2023	<0.005	<0.005			
1/27/2023					<0.005
8/8/2023	<0.005	0.0019 (J)	<0.005	<0.005	<0.005
2/13/2024	<0.005	0.002 (J)	<0.005	<0.005	<0.005
8/5/2024	<0.005	0.0013 (J)	<0.005		
8/6/2024				<0.005	<0.005
2/12/2025	<0.005		<0.005	<0.005	
2/14/2025		0.0043 (J)			<0.005
8/5/2025	<0.005	<0.005	<0.005	<0.005	<0.005
2/3/2026	<0.005	<0.005	<0.005	<0.005	
2/4/2026					<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.005				
5/23/2016					0.017
7/11/2016	<0.005				
7/12/2016					0.0146
8/30/2016	<0.005				
9/1/2016					0.0137
10/20/2016	<0.005				
10/24/2016					0.0135
12/7/2016					0.01 (J)
12/8/2016	<0.005				
1/24/2017	<0.005				
1/26/2017					0.0214
3/21/2017	<0.005				
3/23/2017					0.0167
5/23/2017	<0.005				
5/24/2017					0.0083 (J)
4/3/2018	<0.005				
4/4/2018					0.012
6/5/2018	<0.005				
6/6/2018					0.014
10/2/2018	<0.005				
10/3/2018					0.0056 (J)
3/12/2019	<0.005				
3/14/2019					0.0048 (J)
4/2/2019	<0.005				
4/5/2019					0.00091 (J)
9/24/2019	<0.005				0.0064 (J)
3/2/2020	<0.005				
3/3/2020					0.0045 (J)
3/25/2020	<0.005				
3/30/2020					0.0049 (J)
9/15/2020	<0.005				
9/16/2020			<0.005	<0.005	
9/17/2020		<0.005			
9/18/2020					0.0045 (J)
11/10/2020			<0.005	<0.005	
11/11/2020		<0.005			
12/15/2020		<0.005	<0.005	<0.005	
1/19/2021			<0.005	<0.005	
1/20/2021		<0.005			
2/8/2021		<0.005			
2/9/2021	<0.005		<0.005	<0.005	
2/11/2021					0.0072 (J)
3/10/2021		<0.005		<0.005	
3/11/2021	<0.005		<0.005		
3/17/2021					0.01 (J)
8/11/2021			<0.005		
8/12/2021	<0.005	<0.005			
8/13/2021				<0.005	
8/18/2021					0.0077
2/1/2022			<0.005	<0.005	
2/7/2022	<0.005	<0.005			

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					0.0047 (J)
8/2/2022			<0.005	<0.005	
8/9/2022		<0.005			
8/10/2022	<0.005				
8/11/2022					0.0037 (J)
1/23/2023		<0.005			
1/24/2023			<0.005	<0.005	
1/27/2023	<0.005				
2/1/2023					0.0036 (J)
8/8/2023	<0.005	<0.005	<0.005	<0.005	
8/13/2023					0.0038 (J)
2/13/2024	<0.005	<0.005	<0.005	<0.005	
2/17/2024					0.0056
8/6/2024	<0.005	<0.005	<0.005	<0.005	
8/10/2024					0.003 (J)
2/12/2025			<0.005	<0.005	
2/14/2025	<0.005	<0.005			
2/18/2025					0.0096
8/5/2025	<0.005	<0.005	<0.005	<0.005	
8/8/2025					0.0035 (J)
2/3/2026			<0.005	<0.005	
2/4/2026	<0.005	<0.005			
2/7/2026					0.0027 (J)

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.005	<0.005	<0.005		
5/24/2016				<0.2	
7/12/2016	<0.005	<0.005	<0.005	0.036	
9/1/2016	<0.005	<0.005	0.0014 (J)	0.0347	
10/24/2016	0.0012 (J)				
10/25/2016		<0.005	<0.005	0.0282	
12/7/2016	0.0041 (J)	<0.005	0.0023 (J)		
12/8/2016				0.0373	
1/26/2017	<0.005	<0.005	<0.005	0.0385	
3/22/2017		<0.005	<0.005		
3/23/2017	0.0016 (J)			0.0414	
5/24/2017	<0.005	<0.005			
5/25/2017			<0.005	0.019	
4/3/2018	<0.005	<0.005	<0.005	0.029	
6/5/2018				0.038	
6/6/2018	<0.005	<0.005	<0.005		
10/3/2018	<0.005	<0.005	<0.005	0.017	
3/14/2019	<0.005			0.016	
3/15/2019		<0.005	<0.005		<0.005
4/4/2019	0.00021 (J)	8.9E-05 (J)			<0.005
4/5/2019			9.3E-05 (J)	0.0018 (J)	
9/24/2019	<0.005				
9/25/2019		<0.005	<0.005	0.02	<0.005
3/3/2020	<0.005	<0.005	<0.005	0.014	<0.005
3/26/2020	<0.005				
3/30/2020		<0.005			
3/31/2020			<0.005	0.019	
4/1/2020					<0.005
6/17/2020					<0.005
9/15/2020				0.059	
9/16/2020			<0.005		
9/17/2020	<0.005	<0.005			
9/21/2020					<0.005
2/10/2021		<0.005			
2/11/2021			<0.005	0.023	<0.005
2/12/2021	<0.005				
3/16/2021	<0.005				
3/17/2021		<0.005			
3/18/2021			<0.005	0.019 (J)	<0.005
8/18/2021			<0.005		
8/19/2021	<0.005	<0.005		0.01	<0.005
2/8/2022	<0.005	<0.005	<0.005	0.0082	<0.005
8/10/2022		<0.005	<0.005	0.0096	
8/11/2022	<0.005				<0.005
1/27/2023					<0.005
1/30/2023			<0.005		
2/1/2023	<0.005	<0.005		0.0054	
8/12/2023					<0.005
8/13/2023	<0.005	<0.005	<0.005	0.0085	
2/17/2024	<0.005		<0.005		
2/18/2024		<0.005		0.013	<0.005
8/8/2024	<0.005		<0.005		

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/9/2024		<0.005		0.0022 (J)	<0.005
2/16/2025			0.002 (J)		
2/17/2025	<0.005	0.0015 (J)			
2/18/2025				0.0054	<0.005
8/8/2025	<0.005	0.0015 (J)	0.0014 (J)	0.0026 (J)	<0.005
2/6/2026	<0.005	0.0024 (J)	0.0025 (J)	0.0022 (J)	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.011			
6/17/2020	0.014			
6/18/2020		0.0025 (J)	0.014	
9/21/2020	0.041		0.037	
9/23/2020		<0.005		
2/12/2021	0.011			
2/15/2021			0.01	
3/18/2021	0.028			
3/19/2021			0.016 (J)	
8/16/2021		<0.005		
8/18/2021	0.014		0.014	0.004 (J)
2/8/2022	0.0078		0.0083	<0.005
2/9/2022		<0.005		
8/10/2022	0.007 (J)	<0.005		
8/11/2022			0.0089 (J)	0.0023 (J)
1/27/2023	0.015			
1/30/2023		0.0016 (J)		
2/1/2023			0.0063	0.0021 (J)
8/12/2023		<0.005	0.0058	<0.005
8/13/2023	0.0065			
2/18/2024	0.011	<0.005		
2/19/2024			0.0057	0.0019 (J)
8/9/2024	0.0056		0.0053	0.0014 (J)
8/10/2024		0.001 (J)		
2/16/2025	0.01			
2/18/2025		0.0049 (J)		
3/6/2025			0.0064	0.0068
8/8/2025	0.0062	0.0032 (J)	0.0057	0.0036 (J)
2/6/2026	0.0054	0.0028 (J)	<0.005	
2/7/2026				0.0049 (J)

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	66.9	48.6	42.3	1.22	25
7/11/2016	41	45		3.7	27
7/12/2016			44		
8/30/2016	36	42	40	6.8	23
10/19/2016	46	44	43	11	
10/20/2016					19
12/6/2016	59	44	43	13	
12/8/2016					20
1/24/2017	46	46	48	5.7	20
3/21/2017	63	46	45	1.7	23
5/22/2017	77	48	46		
5/23/2017				1.5	21
10/3/2017	42	47	48	1.3	21
6/4/2018	71.8	47.8	46.6	4.9	
6/5/2018					22.9
10/1/2018	49.1	48.1	48.6	0.59 (J)	
10/2/2018					20.3
4/1/2019			50.4		
4/2/2019	84.3	48.7		4.9	23.8
9/23/2019	70.2	47.2	43.9		
9/24/2019				<1	20.7
3/25/2020	85.9	46.3	50.5		
3/26/2020				<1	21.6
6/16/2020	88.2		49.5		
9/15/2020	47.3	51.5	44.7	<1	21.2
3/10/2021	49.6			1.2	
3/11/2021		52.9	50.4		22.7
8/11/2021	48.9				
8/12/2021		47.4	38.6	1.1	17.4
2/1/2022	43.7	67.1	46		
2/7/2022				2.9	20.6
8/2/2022	58.1	86.9	43.5	4.9	
8/10/2022					19.7
1/23/2023			39.5	42.5	
1/24/2023	48.3	79.7			
1/27/2023					22.7
8/8/2023	67.7	89.9	35	16.8	32.7
2/13/2024	50.4	93.9	35.5	64.6	21.8
8/5/2024	49.4	87.2	31.1		
8/6/2024				28.1	17.4
2/12/2025	43.8		28	35.2	
2/14/2025		94.5			18.2
8/5/2025	57.6	74	24.9	46.3	19.1
2/3/2026	42.1	61.8	25.5	53.3	
2/4/2026					17

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	34.4				
5/23/2016					1070
7/11/2016	34				
7/12/2016					1300
8/30/2016	36				
9/1/2016					1300
10/20/2016	36				
10/24/2016					280
12/7/2016					1300
12/8/2016	36				
1/24/2017	37				
1/26/2017					1400
3/21/2017	37				
3/23/2017					1500
5/23/2017	38				
5/24/2017					1400
10/3/2017	38				
10/4/2017					1400
6/5/2018	38				
6/6/2018					1520
10/2/2018	38.5				
10/3/2018					1550
4/2/2019	35.5				
4/5/2019					1520
9/24/2019	35.4				1110
3/25/2020	35.1				
3/30/2020					1150
9/15/2020	35.3				
9/16/2020			43	24.95 (D)	
9/17/2020		10.9			
9/18/2020					1260
11/10/2020			39	6.3	
11/11/2020		9.4			
12/15/2020		10.9	38.8	6.7	
1/19/2021			37.3	7.4	
1/20/2021		9.8			
3/10/2021		10.8		<1	
3/11/2021	35.5		38.6		
3/17/2021					1300
8/11/2021			30.5		
8/12/2021	28.6	7.8			
8/13/2021				56.1	
8/18/2021					768
2/1/2022			37.5	56.3	
2/7/2022	33	10.4			
2/9/2022					1190
8/2/2022			37	13.2	
8/9/2022		11.2			
8/10/2022	34				
8/11/2022					1200
1/23/2023		11.1			
1/24/2023			34.7	10.1	

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
1/27/2023	35				
2/1/2023					1060
8/8/2023	18.8	10.5	25.6	1.3	
8/13/2023					935
2/13/2024	35.3	17.1	28.9	2	
2/17/2024					898
8/6/2024	33.5	11.5	25.5	0.86 (J)	
8/10/2024					854
2/12/2025			25.2	0.51 (J)	
2/14/2025	30.8	11.6			
2/18/2025					790
8/5/2025	33.4	10.8	22.4	0.85 (J)	
8/8/2025					683
2/3/2026			21.8	0.58 (J)	
2/4/2026	33.1	10.9			
2/7/2026					597

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	424	203	395		
5/24/2016				834	
7/12/2016	440	220	460	930	
9/1/2016	440	220	430	890	
10/24/2016	420				
10/25/2016		230	440	950	
12/7/2016	450	220	410		
12/8/2016				910	
1/26/2017	490	250	440	970	
3/22/2017		240	460		
3/23/2017	530			980	
5/24/2017	500	230			
5/25/2017			430	920	
10/4/2017	560	220	490	870	
6/5/2018				962	
6/6/2018	469	233	520		
10/3/2018	600	215	651	1170	
4/4/2019	528	251			915
4/5/2019			642	1030	
9/24/2019	382				
9/25/2019		223	434	920	767
3/26/2020	438				
3/30/2020		223			
3/31/2020			484	934	
4/1/2020					889
6/17/2020					901
9/15/2020				1080	
9/16/2020			467		
9/17/2020	416	254			
9/21/2020					1010
2/10/2021				1040	
3/16/2021	379				
3/17/2021		250			
3/18/2021			447	1050	829
8/18/2021			280		
8/19/2021	223	228		934	724
2/8/2022	360	238	364	960	779
8/10/2022		206	423	946	
8/11/2022	365				910
1/27/2023					646
1/30/2023			451		
2/1/2023	341	257		776	
8/12/2023					276
8/13/2023	281	214	351	895	
2/17/2024	305		260		
2/18/2024		220		755	150
8/8/2024	286		238		
8/9/2024		190		413	103
2/16/2025			224		
2/17/2025	277	200			
2/18/2025				289	121
8/8/2025	255	185	271	350	81.3

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
2/6/2026	260	190	351	471	129

Time Series

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	1250			
4/1/2020	1210			
6/17/2020	1210			
6/18/2020		1100	1160	
9/21/2020	1290		1220	
9/23/2020		1080		
3/18/2021	1360			
3/19/2021			1220	
8/16/2021		987		
8/18/2021	740		789	757
2/8/2022	1220		1190	1150
2/9/2022		1050		
8/10/2022	1010	1040		
8/11/2022			1020	979
1/27/2023	895			
1/30/2023		1120		
2/1/2023			1190	1110
8/12/2023		948	1090	1040
8/13/2023	970			
2/18/2024	820	918		
2/19/2024			1060	1010
8/9/2024	848		1030	934
8/10/2024		825		
2/16/2025	578			
2/18/2025		620		
3/6/2025			942	832
8/8/2025	770	651	760	740
2/6/2026	735	633	819	
2/7/2026				733

Time Series

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	421	143	267	165	168
7/11/2016	363	125		266	158
7/12/2016			249		
8/30/2016	330	168	254	292	141
10/19/2016	380	176	357	338	
10/20/2016					99
12/6/2016	377	145	285	356	
12/8/2016					116
1/24/2017	342	129	300	131	156
3/21/2017	340	103	288	132	144
5/22/2017	338	92	263		
5/23/2017				183	134
10/3/2017	343	127	300	161	147
6/4/2018	415	140	266	240	
6/5/2018					152
10/1/2018	354	135	291	106	
10/2/2018					146
4/1/2019			284		
4/2/2019	452	133		230	144
9/23/2019	442	129	268		
9/24/2019				131	133
3/25/2020	496	138	284		
3/26/2020				69	104
6/16/2020	632		448		
9/15/2020	265	124	258	93	116
3/10/2021	348			53	
3/11/2021		169	267		118
8/11/2021	366				
8/12/2021		118	265	55	158
2/1/2022	270	156	350		
2/7/2022				54	135
8/2/2022	400	196	287	48	
8/10/2022					134
1/23/2023			293	128	
1/24/2023	369	164			
1/27/2023					182
8/8/2023	457	189	285	141	225
2/13/2024	402	214	284	176	155
8/5/2024	444	217	304		
8/6/2024				159	141
2/12/2025	374		267	128	
2/14/2025		242			126
8/5/2025	416	160	265	156	143
2/3/2026	388	179	277	142	
2/4/2026					130

Time Series

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	223				
5/23/2016					4130
7/11/2016	225				
7/12/2016					3140
8/30/2016	232				
9/1/2016					3200
10/20/2016	225				
10/24/2016					2920
12/7/2016					2740
12/8/2016	235				
1/24/2017	272				
1/26/2017					3080
3/21/2017	222				
3/23/2017					3060
5/23/2017	231				
5/24/2017					3140
10/3/2017	243				
10/4/2017					3210
6/5/2018	235				
6/6/2018					2620
10/2/2018	228				
10/3/2018					2430
4/2/2019	238				
4/5/2019					2310
9/24/2019	222				2470
3/25/2020	240				
3/30/2020					2590
9/15/2020	217				
9/16/2020			272	270	
9/17/2020		188			
9/18/2020					2440
11/10/2020			307	287	
11/11/2020		175			
12/15/2020		193	289	295	
1/19/2021			270	278	
1/20/2021		158			
3/10/2021		163		289	
3/11/2021	215		279		
3/17/2021					1640
8/11/2021			277		
8/12/2021	229	179			
8/13/2021				436	
8/18/2021					2350
2/1/2022			156	444	
2/7/2022	224	190			
2/9/2022					2310
8/2/2022			278	311	
8/9/2022		182			
8/10/2022	217				
8/11/2022					1060
1/23/2023		168			
1/24/2023			271	363	

Time Series

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
1/27/2023	229				
2/1/2023					1950
8/8/2023	125	175	274	361	
8/13/2023					1960
2/13/2024	240	212	291	379	
2/17/2024					1720
8/6/2024	247	191	283	380	
8/10/2024					1780
2/12/2025			273	363	
2/14/2025	225	192			
2/18/2025					1600
8/5/2025	237	182	282	370	
8/8/2025					1350
2/3/2026			278	377	
2/4/2026	236	183			
2/7/2026					1150

Time Series

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	1270	570	1010		
5/24/2016				1900	
7/12/2016	1100	585	976	1950	
9/1/2016	1180	625	1060	2000	
10/24/2016	1090				
10/25/2016		563	<25	1870	
12/7/2016	1040	561	866		
12/8/2016				1930	
1/26/2017	1260	608	1000	1950	
3/22/2017		599	1080		
3/23/2017	1360			2080	
5/24/2017	1320	598			
5/25/2017			1080	1970	
10/4/2017	1340	626	1210	2200	
6/5/2018				1880	
6/6/2018	1120	678	1180		
10/3/2018	1140	700	1250	2180	
4/4/2019	926	704			1800
4/5/2019			1260	1610	
9/24/2019	1105 (D)				
9/25/2019		813	1280	1955 (D)	1970
3/26/2020	1000				
3/30/2020		787			
3/31/2020			1310	1860	
4/1/2020					1940
6/17/2020					2100
9/15/2020				1890	
9/16/2020			1220		
9/17/2020	956	804			
9/21/2020					2060
3/16/2021	92				
3/17/2021		768			
3/18/2021			1020	1390	1390
8/18/2021			1290		
8/19/2021	958	816		1750	1920
2/8/2022	866	852	1160	1770	1810
8/10/2022		894	1390	1890	
8/11/2022	940				356
1/27/2023					1420
1/30/2023			1320		
2/1/2023	892	1030		1430	
8/12/2023					2200
8/13/2023	881	861	1180	1700	
2/17/2024	830		815		
2/18/2024		755		1360	477
8/8/2024	890		768		
8/9/2024		766		864	397
2/16/2025			670		
2/17/2025	764	768			
2/18/2025				598	419
8/8/2025	810	728	880	710	342
2/6/2026	642	658	968	936	434

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

Time Series

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
1/22/2020	2310			
4/1/2020	2590			
6/17/2020	2540			
6/18/2020		2320	2310	
9/21/2020	2340		2210	
9/23/2020		2430		
3/18/2021	1790			
3/19/2021			1690	
8/16/2021		2340		
8/18/2021	3690		2390	2610
2/8/2022	2480		2410	2430
2/9/2022		2260		
8/10/2022	2050	2310		
8/11/2022			1070	2080
1/27/2023	1570			
1/30/2023		2230		
2/1/2023			2410	2090
8/12/2023		837	2290	2220
8/13/2023	1910			
2/18/2024	2160	2010		
2/19/2024			2120	2040
8/9/2024	1670		2220	2130
8/10/2024		1980		
2/16/2025	1060			
2/18/2025		1630		
3/6/2025			2060	1750
8/8/2025	1540	1700	1480	1600
2/6/2026	1360	1260	1660	
2/7/2026				1300

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-4 (bg)	HGWA-5 (bg)
5/19/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
7/11/2016	<0.0005	<0.0005		<0.0005	<0.0005
7/12/2016			<0.0005		
8/30/2016	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
10/19/2016	<0.0005	<0.0005	<0.0005	<0.0005	
10/20/2016					<0.0005
12/6/2016	<0.0005	<0.0005	<0.0005	<0.0005	
12/8/2016					<0.0005
1/24/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/21/2017	<0.0005	3E-05 (J)	<0.0005	<0.0005	<0.0005
5/22/2017	<0.0005	<0.0005	<0.0005		
5/23/2017				<0.0005	<0.0005
4/2/2018	<0.0005	<0.0005		<0.0005	
4/3/2018			<0.0005		<0.0005
6/4/2018	<0.0005	<0.0005	<0.0005	<0.0005	
6/5/2018					<0.0005
10/1/2018	<0.0005	<0.0005	<0.0005	<0.0005	
10/2/2018					<0.0005
3/11/2019				<0.0005	
3/12/2019	<0.0005	<0.0005	<0.0005		<0.0005
4/1/2019			<0.0005		
4/2/2019	<0.0005	<0.0005		<0.0005	<0.0005
9/23/2019	<0.0005	<0.0005	<0.0005		
9/24/2019				<0.0005	<0.0005
3/2/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
3/25/2020	<0.0005	<0.0005	<0.0005		
3/26/2020				<0.0005	<0.0005
8/25/2020		<0.0005	<0.0005		
8/28/2020	<0.0005				
9/15/2020	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/8/2021	<0.0005			<0.0005	
2/9/2021		<0.0005	<0.0005		<0.0005
3/10/2021	<0.0005			<0.0005	
3/11/2021		<0.0005	<0.0005		<0.0005
8/11/2021	<0.0005				
8/12/2021		<0.0005	<0.0005	<0.0005	<0.0005
2/1/2022	<0.0005	<0.0005	<0.0005		
2/7/2022				<0.0005	<0.0005
8/2/2022	<0.0005	<0.0005	<0.0005	<0.0005	
8/10/2022					<0.0005
1/23/2023			<0.0005	<0.0005	
1/24/2023	<0.0005	<0.0005			
1/27/2023					<0.0005
8/8/2023	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/13/2024	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/5/2024	<0.0005	<0.0005	<0.0005		
8/6/2024				<0.0005	<0.0005
2/12/2025	<0.0005		<0.0005	<0.0005	
2/14/2025		<0.0005			<0.0005
8/5/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/3/2026	<0.0005	<0.0005	<0.0005	<0.0005	
2/4/2026					<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
5/20/2016	<0.0005				
5/23/2016					0.000306 (J)
7/11/2016	<0.0005				
7/12/2016					0.0003 (J)
8/30/2016	<0.0005				
9/1/2016					0.0003 (J)
10/20/2016	<0.0005				
10/24/2016					0.0004 (J)
12/7/2016					0.0003 (J)
12/8/2016	<0.0005				
1/24/2017	<0.0005				
1/26/2017					0.0003 (J)
3/21/2017	<0.0005				
3/23/2017					0.0003 (J)
5/23/2017	<0.0005				
5/24/2017					0.0003 (J)
4/3/2018	<0.0005				
4/4/2018					0.00028 (J)
6/5/2018	<0.0005				
6/6/2018					0.00029 (J)
10/2/2018	<0.0005				
10/3/2018					0.00029 (J)
3/12/2019	<0.0005				
3/14/2019					0.00028 (J)
4/2/2019	<0.0005				
4/5/2019					0.00028 (J)
9/24/2019	<0.0005				0.0003 (J)
3/2/2020	<0.0005				
3/3/2020					0.00026 (J)
3/25/2020	5.7E-05 (J)				
3/30/2020					0.00028 (J)
9/15/2020	<0.0005				
9/16/2020			<0.0005	<0.0005	
9/17/2020		<0.0005			
9/18/2020					0.00028 (J)
11/10/2020			<0.0005	<0.0005	
11/11/2020		<0.0005			
12/15/2020		<0.0005	<0.0005	<0.0005	
1/19/2021			<0.0005	<0.0005	
1/20/2021		<0.0005			
2/8/2021		<0.0005			
2/9/2021	<0.0005		<0.0005	<0.0005	
2/11/2021					0.00026 (J)
3/10/2021		<0.0005		<0.0005	
3/11/2021	<0.0005		<0.0005		
3/17/2021					0.00034 (J)
8/11/2021			<0.0005		
8/12/2021	<0.0005	<0.0005			
8/13/2021				<0.0005	
8/18/2021					0.00027 (J)
2/1/2022			<0.0005	<0.0005	
2/7/2022	<0.0005	<0.0005			

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-6 (bg)	HGWA-42D (bg)	HGWA-43D (bg)	HGWA-44D (bg)	HGWC-14
2/9/2022					0.00025 (J)
8/2/2022			<0.0005	<0.0005	
8/9/2022		<0.0005			
8/10/2022	<0.0005				
8/11/2022					0.00024 (J)
1/23/2023		<0.0005			
1/24/2023			<0.0005	<0.0005	
1/27/2023	<0.0005				
2/1/2023					0.00047 (J)
8/8/2023	<0.0005	<0.0005	<0.0005	<0.0005	
8/13/2023					0.00026 (J)
2/13/2024	<0.0005	<0.0005	<0.0005	<0.0005	
2/17/2024					<0.001
8/6/2024	<0.0005	<0.0005	<0.0005	<0.0005	
8/10/2024					<0.001
2/12/2025			<0.0005	<0.0005	
2/14/2025	<0.0005	<0.0005			
2/18/2025					0.00029 (J)
8/5/2025	<0.0005	<0.0005	<0.0005	<0.0005	
8/8/2025					0.00027 (J)
2/3/2026			<0.0005	<0.0005	
2/4/2026	<0.0005	<0.0005			
2/7/2026					0.00029 (J)

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.0005	<0.0005	<0.0005		
5/24/2016				<0.0005	
7/12/2016	<0.0005	<0.0005	0.0001 (J)	0.0002 (J)	
9/1/2016	<0.0005	<0.0005	<0.0005	<0.0005	
10/24/2016	<0.0005				
10/25/2016		<0.0005	<0.0005	<0.0005	
12/7/2016	<0.0005	<0.0005	<0.0005		
12/8/2016				<0.0005	
1/26/2017	<0.0005	<0.0005	<0.0005	<0.0005	
3/22/2017		<0.0005	0.0001 (J)		
3/23/2017	<0.0005			0.0002 (J)	
5/24/2017	<0.0005	<0.0005			
5/25/2017			0.0001 (J)	0.0002 (J)	
4/3/2018	<0.0005	<0.0005	<0.0005	0.00014 (J)	
6/5/2018				0.00016 (J)	
6/6/2018	<0.0005	<0.0005	<0.0005		
10/3/2018	<0.0005	<0.0005	<0.0005	<0.0005	
3/14/2019	<0.0005			<0.0005	
3/15/2019		<0.0005	<0.0005		<0.0005
4/4/2019	<0.0005	<0.0005			<0.0005
4/5/2019			0.00013 (J)	0.00014 (J)	
9/24/2019	<0.0005				
9/25/2019		<0.0005	0.00012 (J)	0.00019 (J)	<0.0005
3/3/2020	<0.0005	<0.0005	0.00011 (J)	0.00013 (J)	<0.0005
3/26/2020	<0.0005				
3/30/2020		<0.0005			
3/31/2020			0.00014 (J)	0.00015 (J)	
4/1/2020					<0.0005
6/17/2020					<0.0005
9/15/2020				0.00016 (J)	
9/16/2020			<0.0005		
9/17/2020	<0.0005	<0.0005			
9/21/2020					<0.0005
2/10/2021		<0.0005			
2/11/2021			<0.0005	<0.0005	<0.0005
2/12/2021	<0.0005				
3/16/2021	<0.0005				
3/17/2021		<0.0005			
3/18/2021			<0.0005	0.00016 (J)	<0.0005
8/18/2021			<0.0005		
8/19/2021	<0.0005	<0.0005		0.0002 (J)	<0.0005
2/8/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
8/10/2022		<0.0005	<0.0005	<0.0005	
8/11/2022	<0.0005				<0.0005
1/27/2023					<0.0005
1/30/2023			0.00025 (J)		
2/1/2023	0.00022 (J)	<0.0005		<0.0005	
8/12/2023					<0.0005
8/13/2023	<0.0005	<0.0005	<0.0005	<0.0005	
2/17/2024	<0.0005		<0.0005		
2/18/2024		<0.0005		<0.0005	<0.0005
8/8/2024	<0.0005		<0.0005		

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-16	HGWC-17	HGWC-18	MW-21D
8/9/2024		<0.0005		<0.0005	<0.0005
2/16/2025			<0.0005		
2/17/2025	<0.0005	<0.0005			
2/18/2025				<0.0005	<0.0005
8/8/2025	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
2/6/2026	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 9:05 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35	MW-51
4/1/2020	0.00029 (J)			
6/17/2020	0.00028 (J)			
6/18/2020		0.00015 (J)	0.00013 (J)	
9/21/2020	0.00029 (J)		<0.0005	
9/23/2020		<0.0005		
2/12/2021	0.00025 (J)			
2/15/2021			<0.0005	
3/18/2021	0.00031 (J)			
3/19/2021			<0.0005	
8/16/2021		<0.0005		
8/18/2021	0.0004 (J)		<0.0005	<0.0005
2/8/2022	0.00025 (J)		<0.0005	<0.0005
2/9/2022		<0.0005		
8/10/2022	<0.001	<0.0005		
8/11/2022			<0.0005	<0.0005
1/27/2023	0.00021 (J)			
1/30/2023		<0.0005		
2/1/2023			<0.0005	<0.0005
8/12/2023		<0.0005	<0.0005	<0.0005
8/13/2023	0.00022 (J)			
2/18/2024	<0.001	<0.0005		
2/19/2024			<0.0005	<0.0005
8/9/2024	<0.001		<0.0005	<0.0005
8/10/2024		<0.0005		
2/16/2025	<0.001			
2/18/2025		<0.0005		
3/6/2025			<0.0005	<0.0005
8/8/2025	0.00023 (J)	<0.0005	<0.0005	<0.0005
2/6/2026	0.00024 (J)	<0.0005	<0.0005	
2/7/2026				<0.0005

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

FIGURE B.

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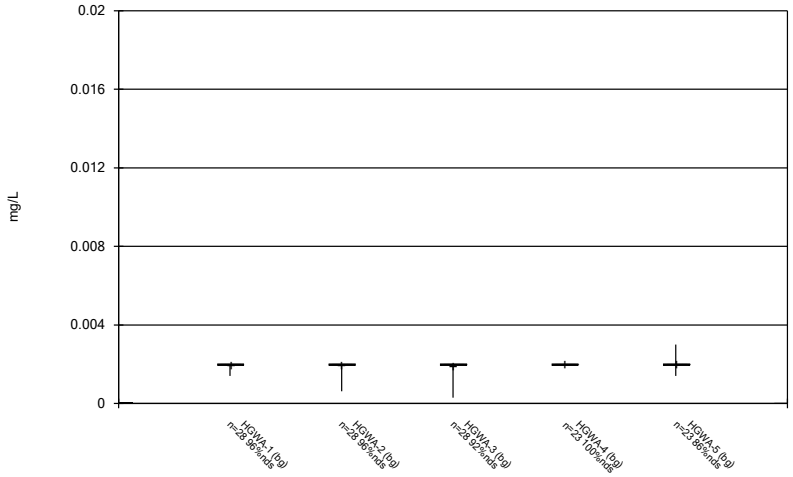
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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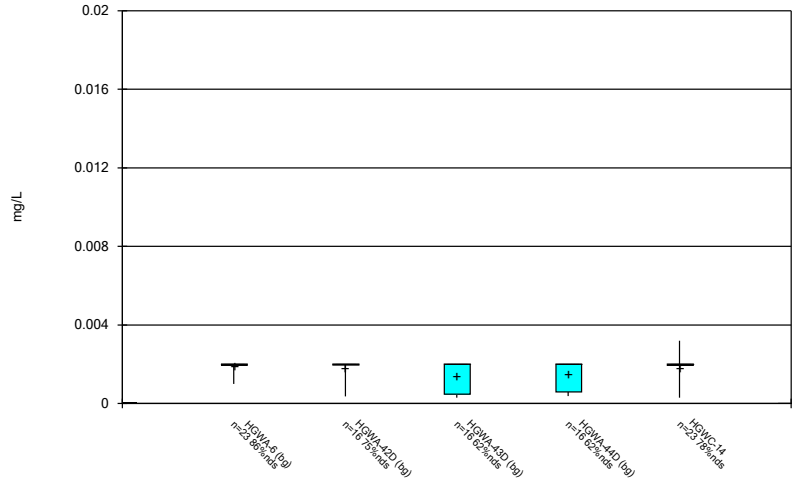
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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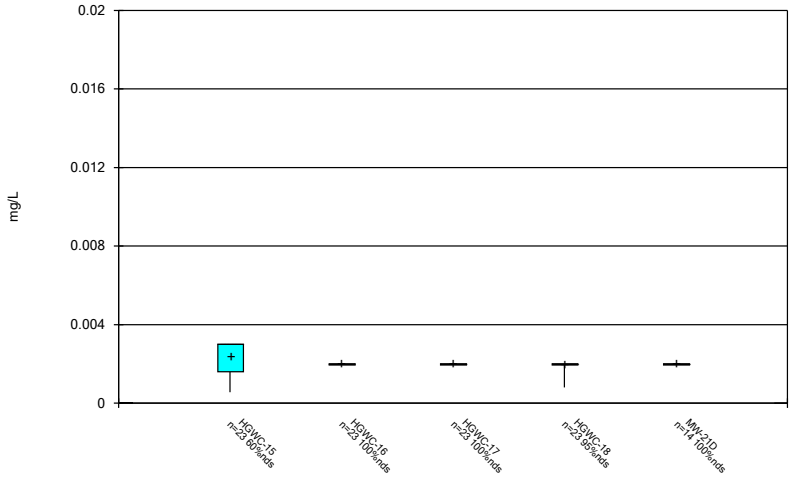
Box & Whiskers Plot



Constituent: Antimony Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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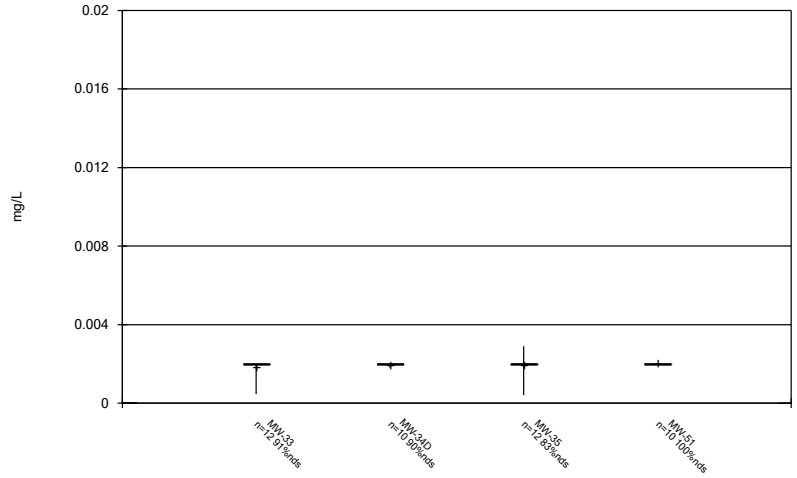
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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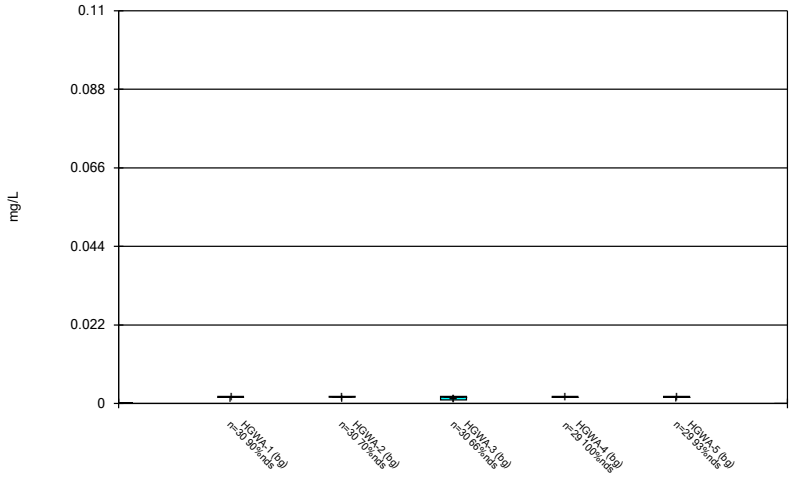
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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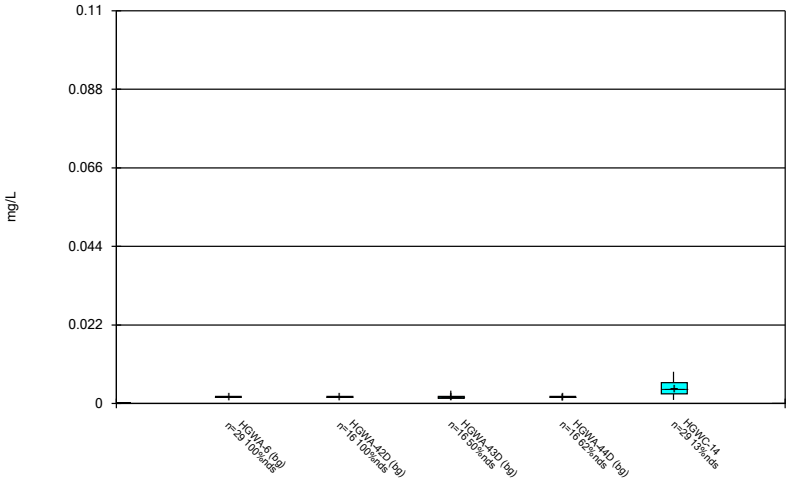
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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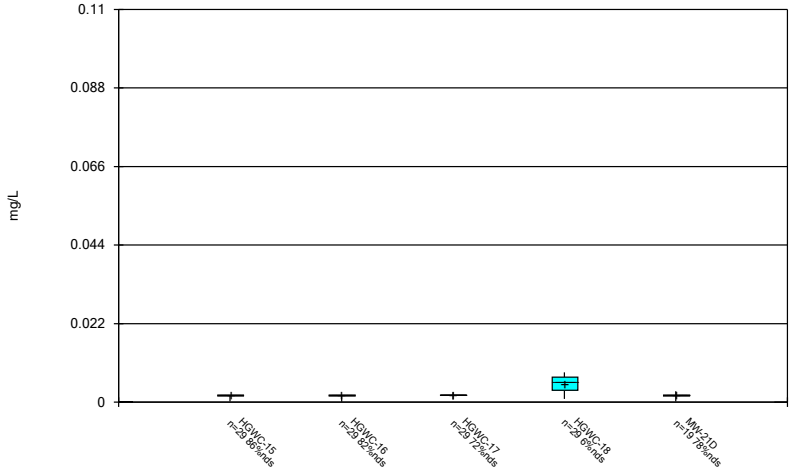

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Plant Hammond Client: Southern Company Data: Hammond AP2

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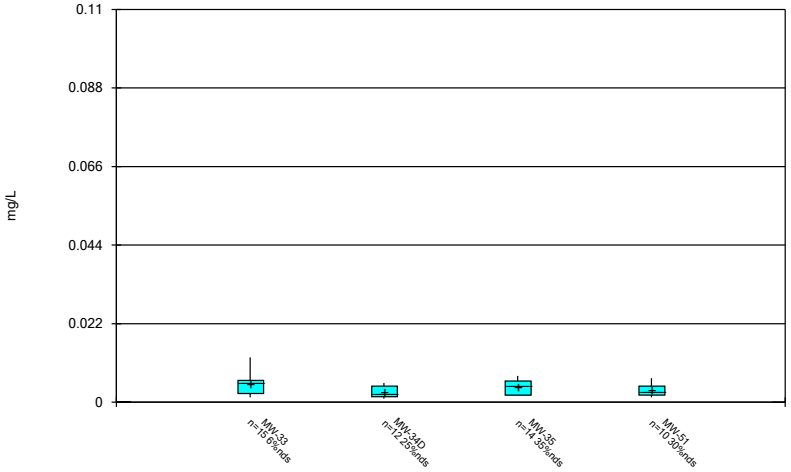
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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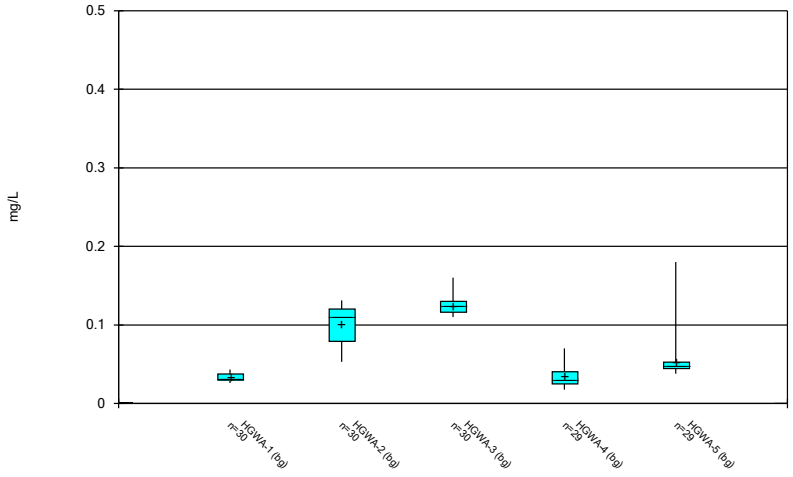
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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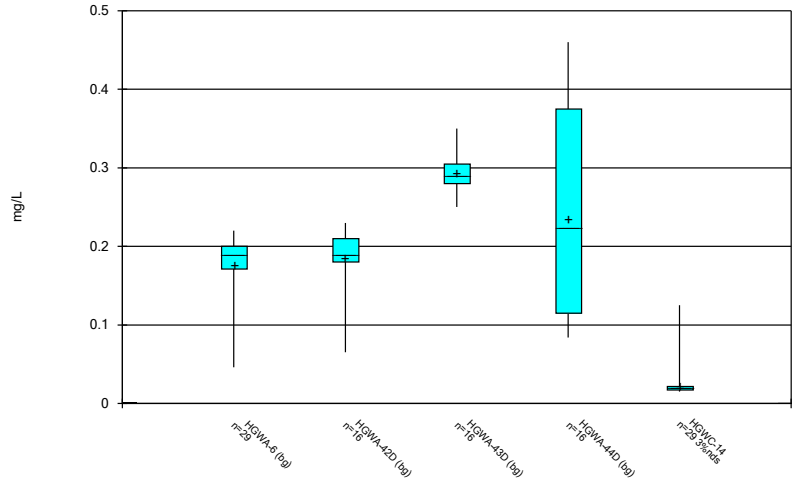
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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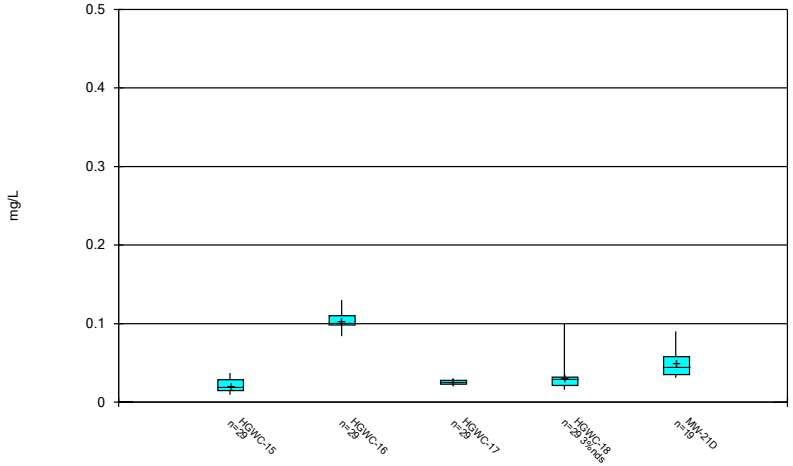
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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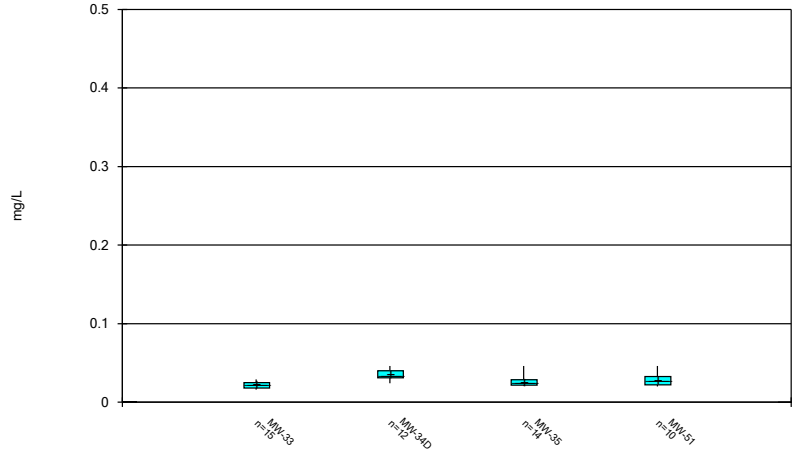
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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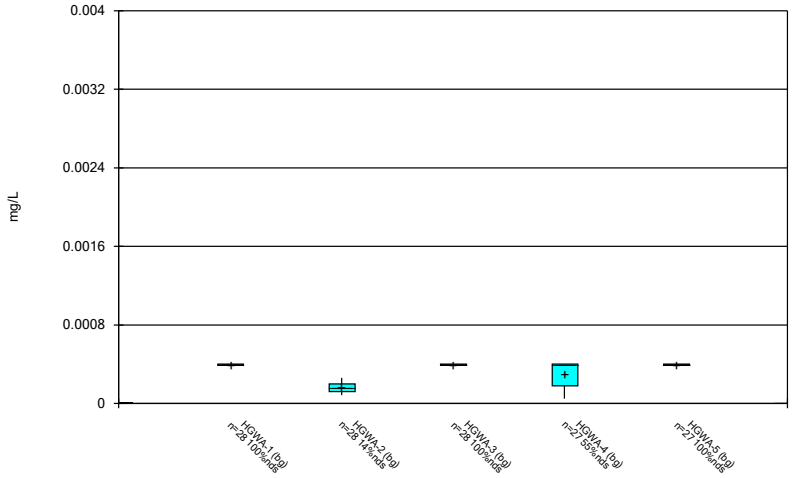
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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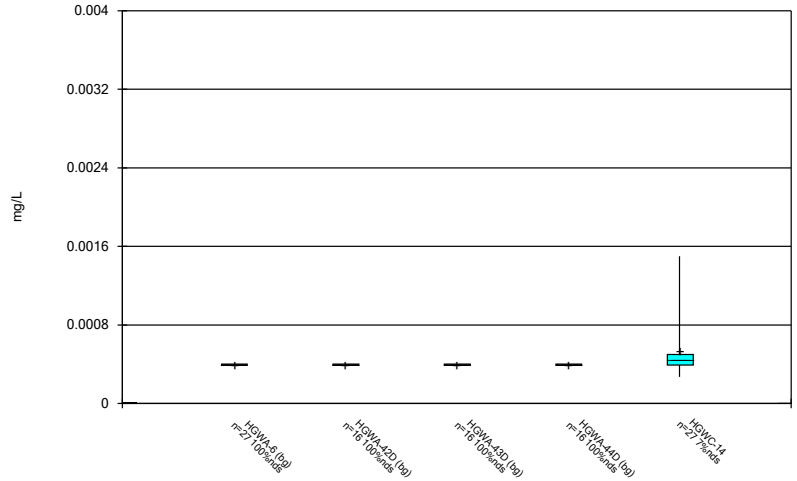
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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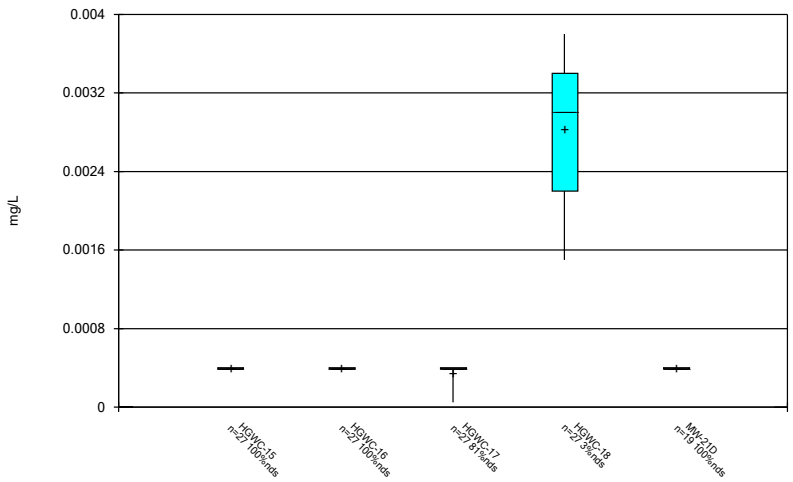

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Plant Hammond Client: Southern Company Data: Hammond AP2

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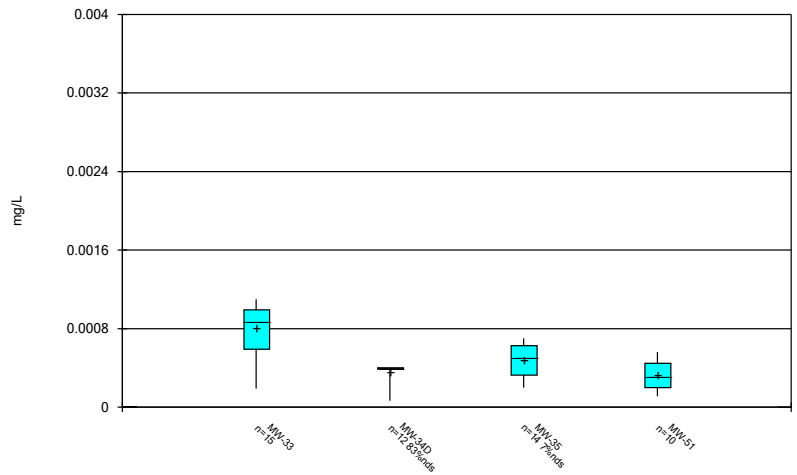

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Plant Hammond Client: Southern Company Data: Hammond AP2

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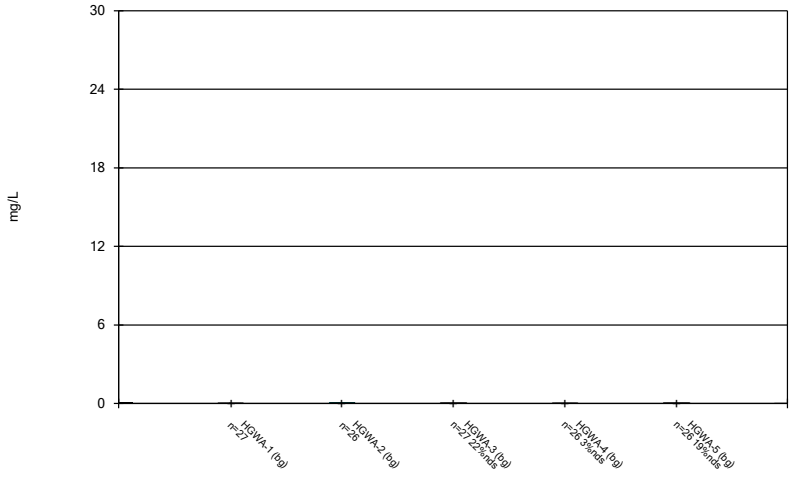

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Plant Hammond Client: Southern Company Data: Hammond AP2

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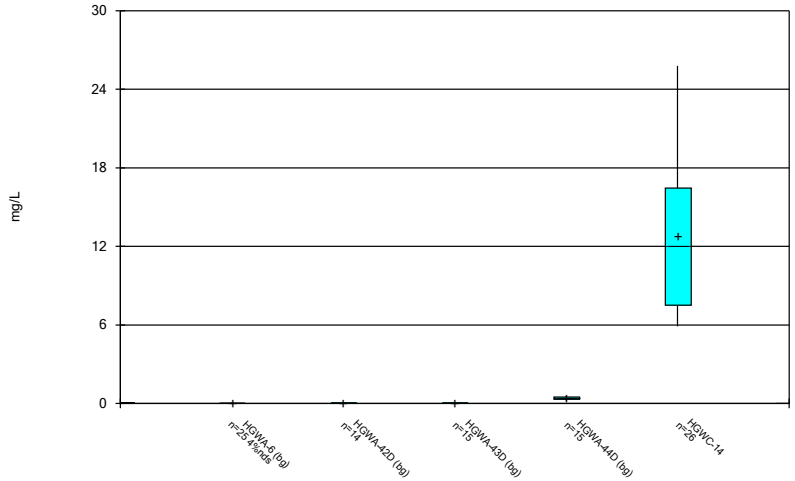
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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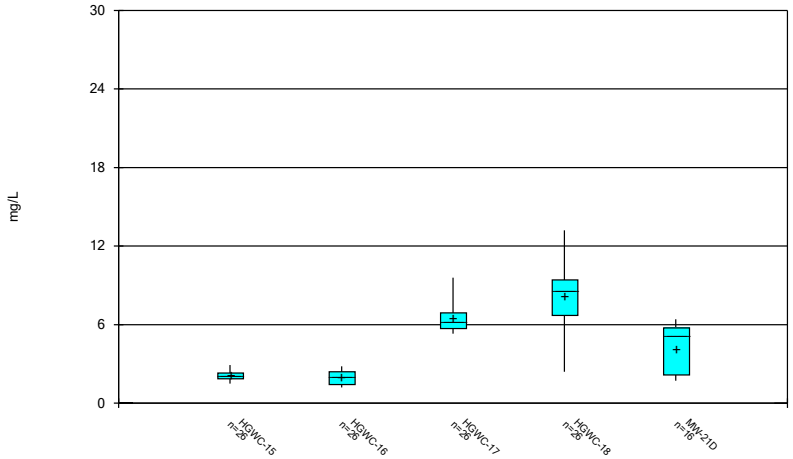
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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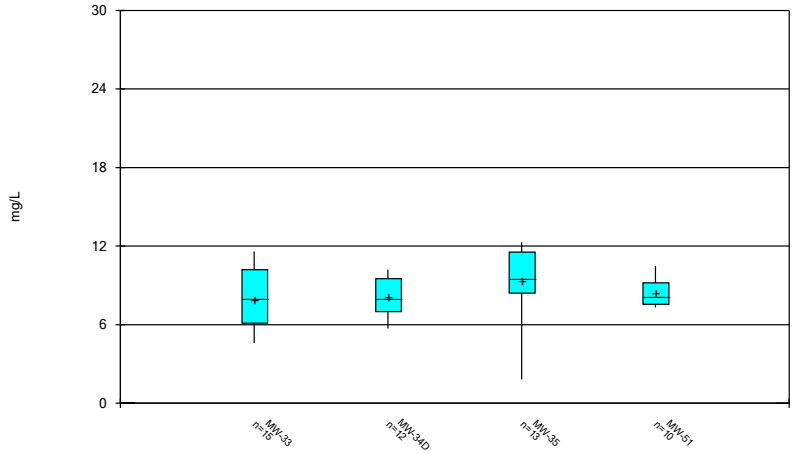
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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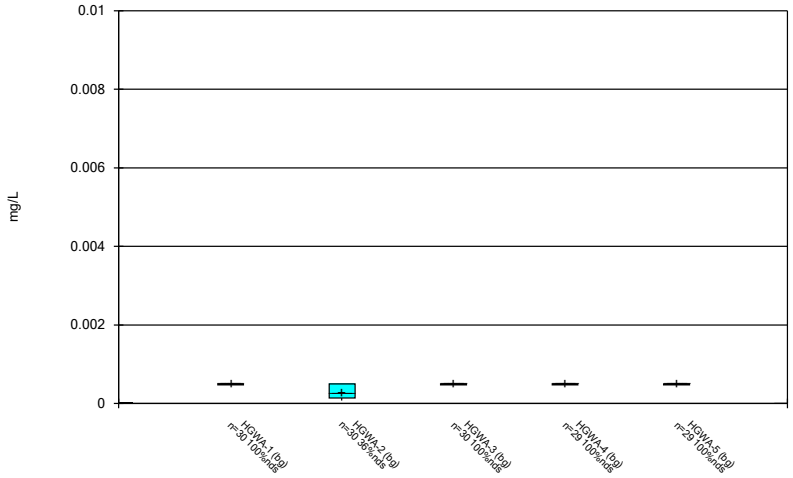
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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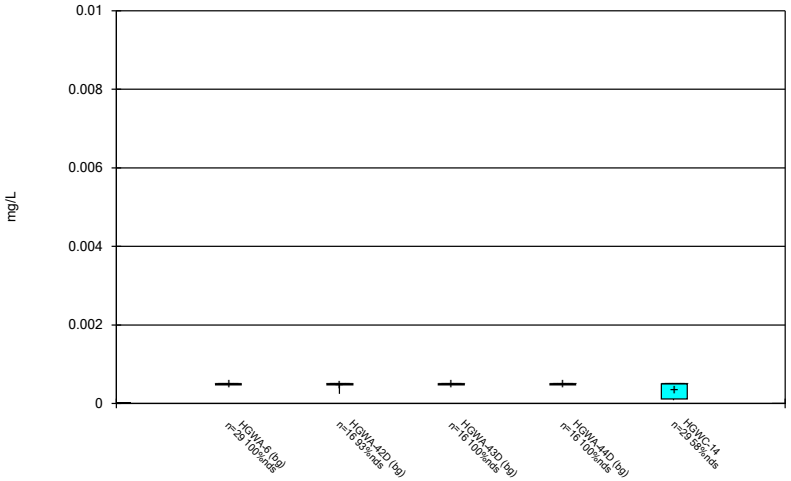
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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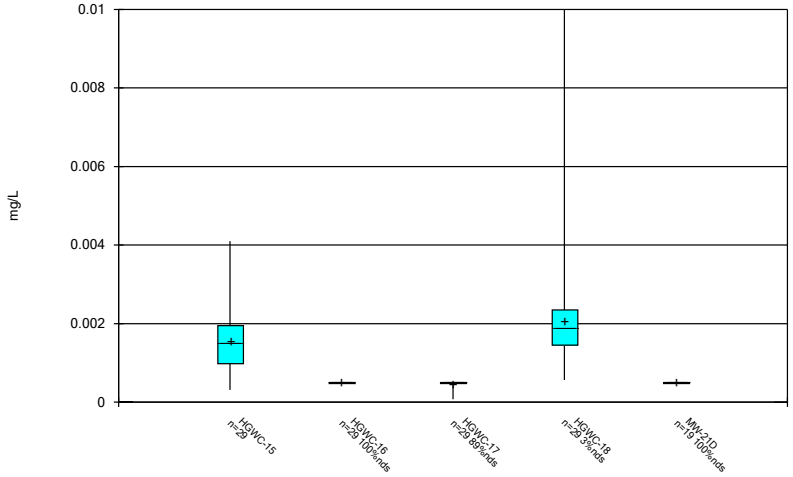
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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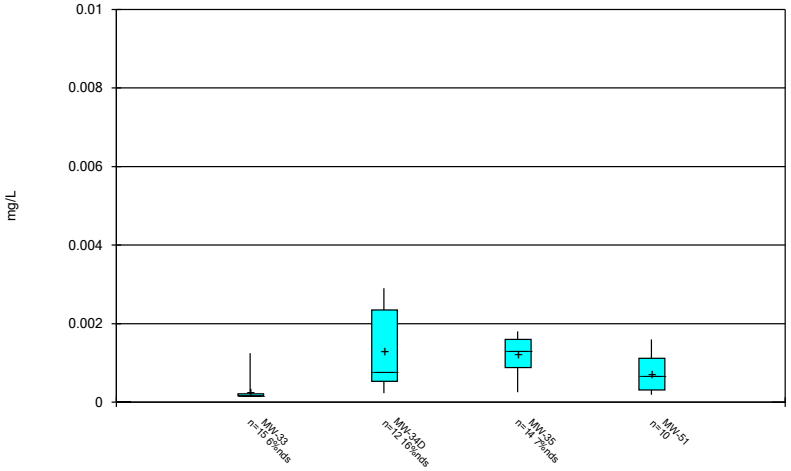
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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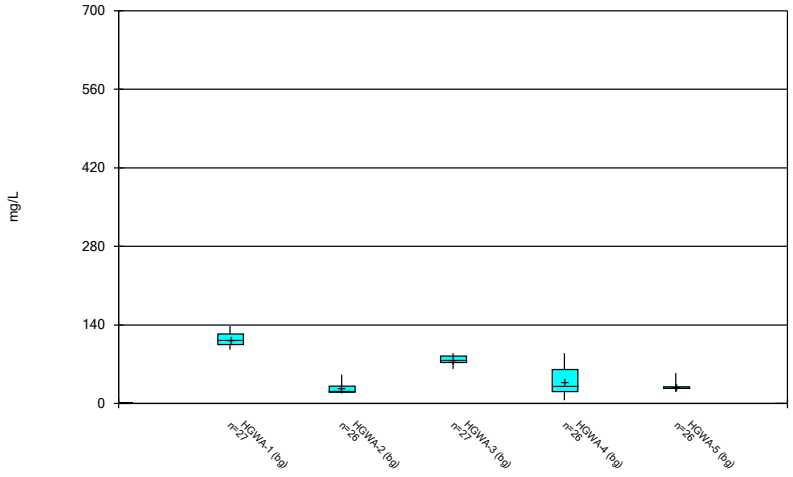
Box & Whiskers Plot



Constituent: Calcium Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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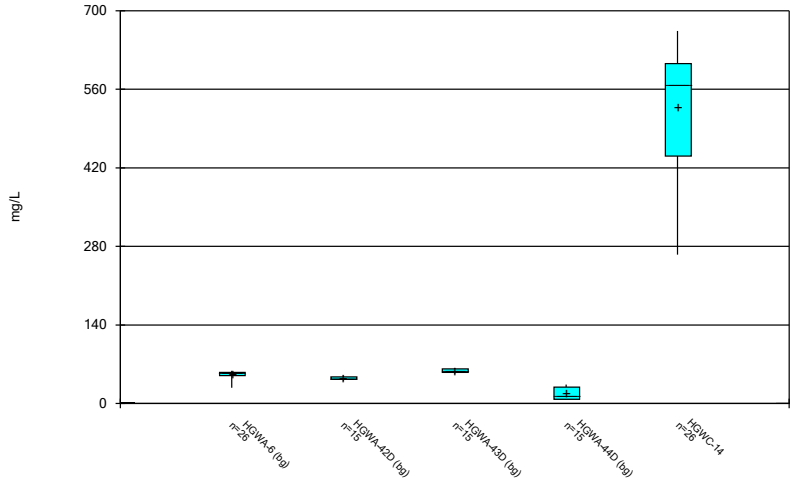
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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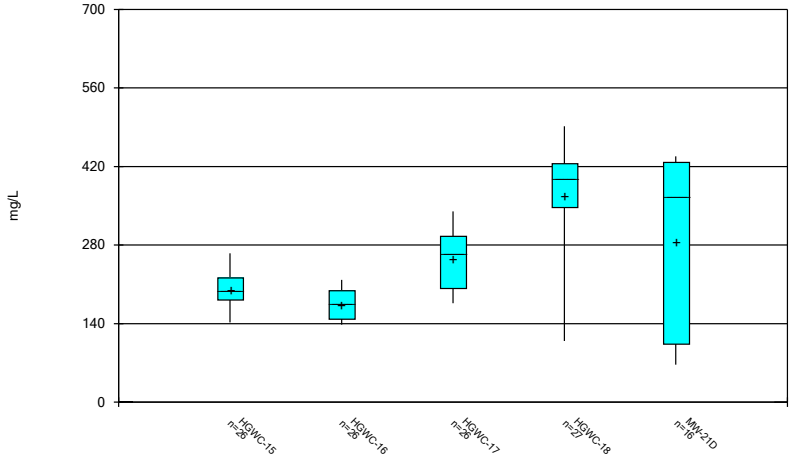
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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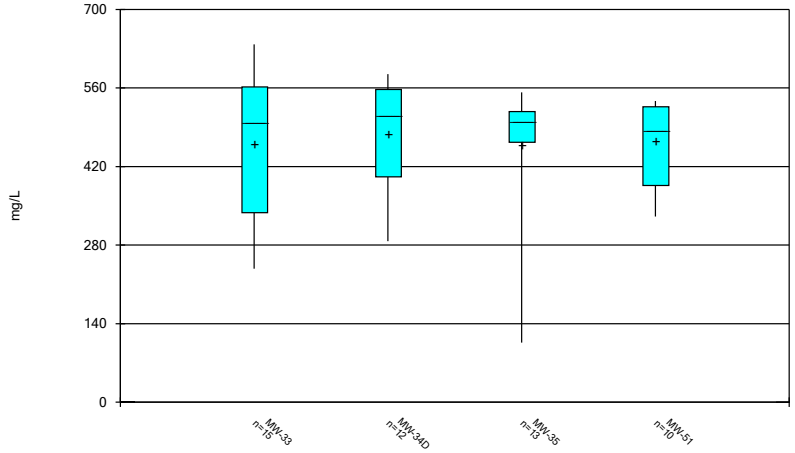
Box & Whiskers Plot



Constituent: Calcium Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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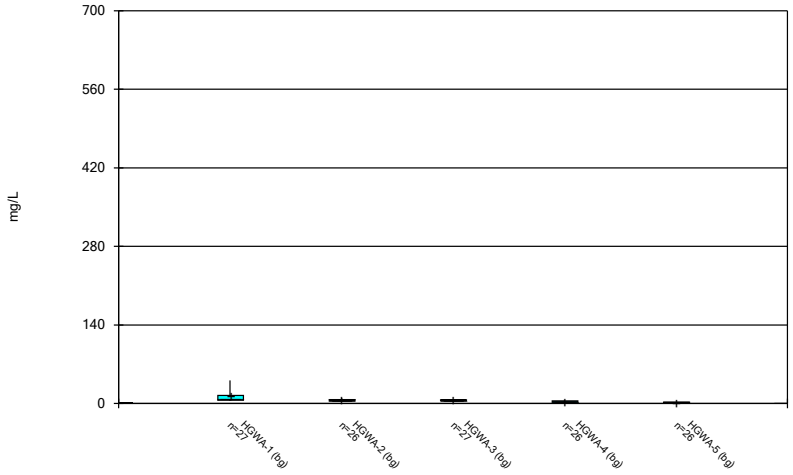
Box & Whiskers Plot



Constituent: Chloride Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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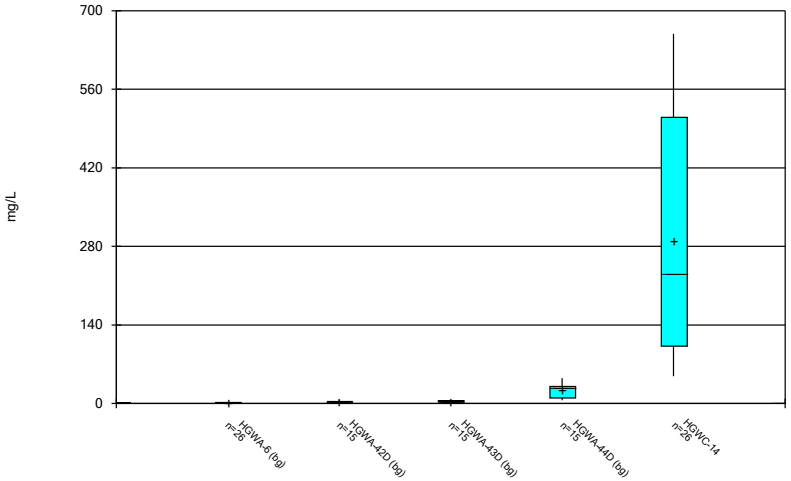
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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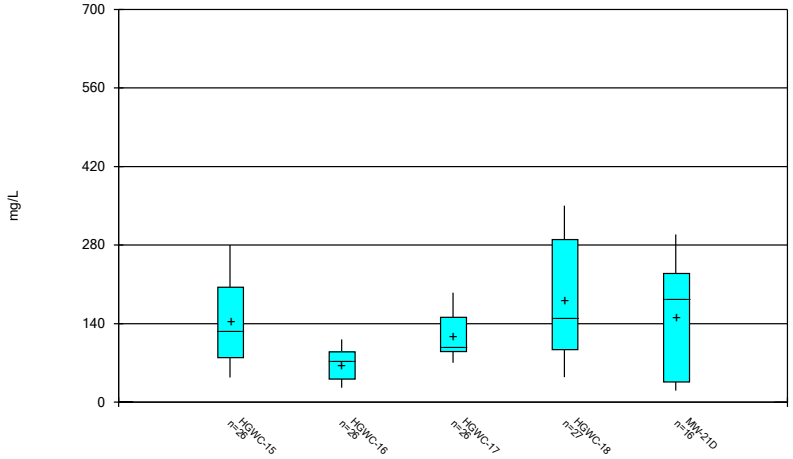
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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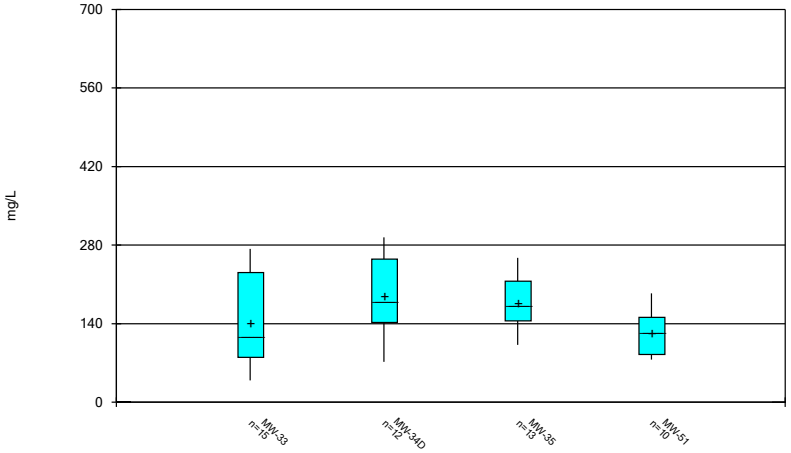
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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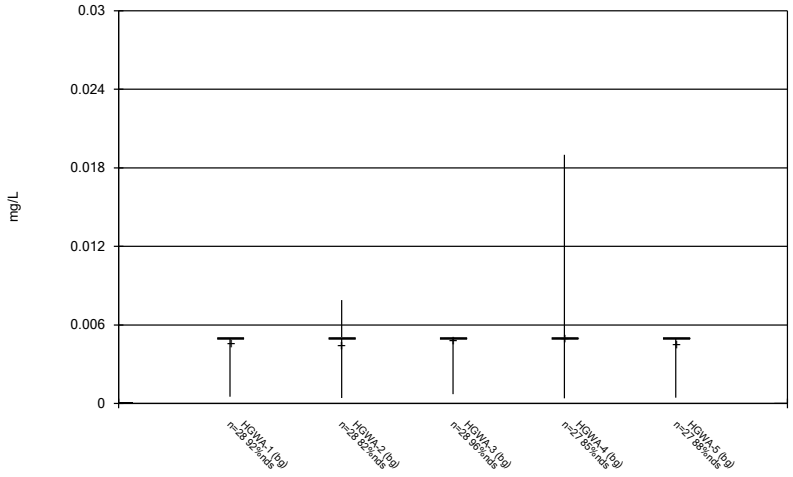
Box & Whiskers Plot



Constituent: Chromium Analysis Run 4/8/2026 9:06 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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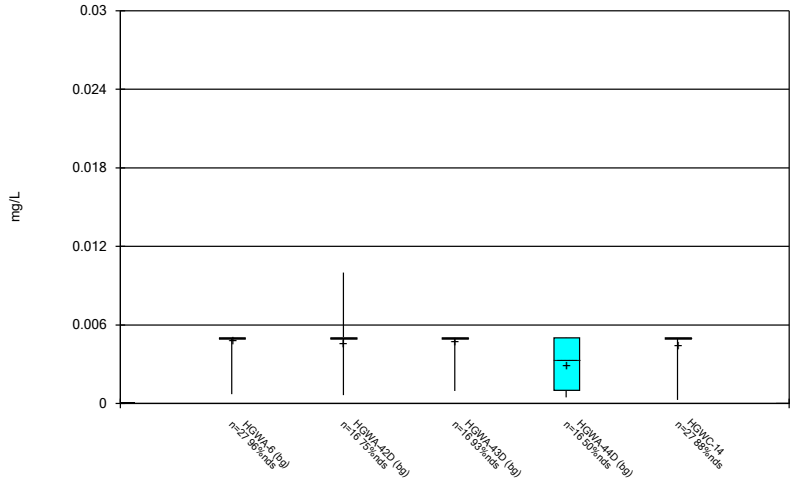
Box & Whiskers Plot



Constituent: Chromium Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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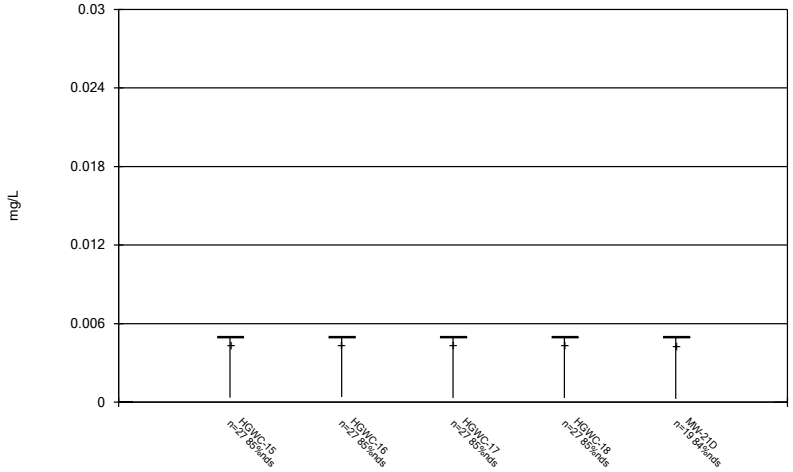
Box & Whiskers Plot



Constituent: Chromium Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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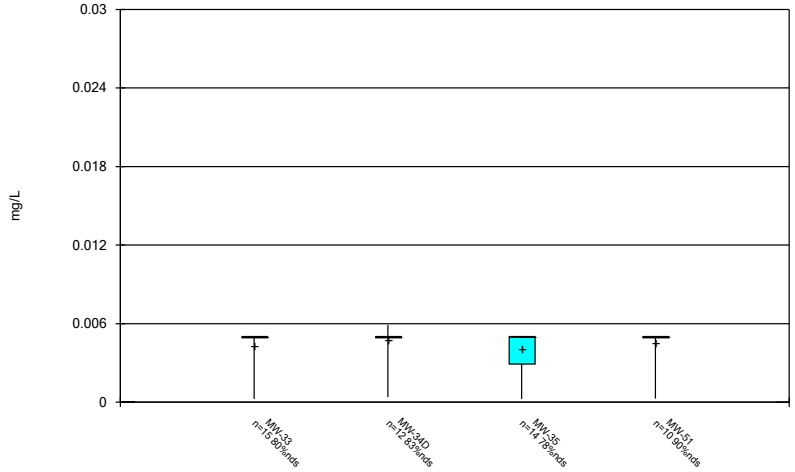
Box & Whiskers Plot



Constituent: Chromium Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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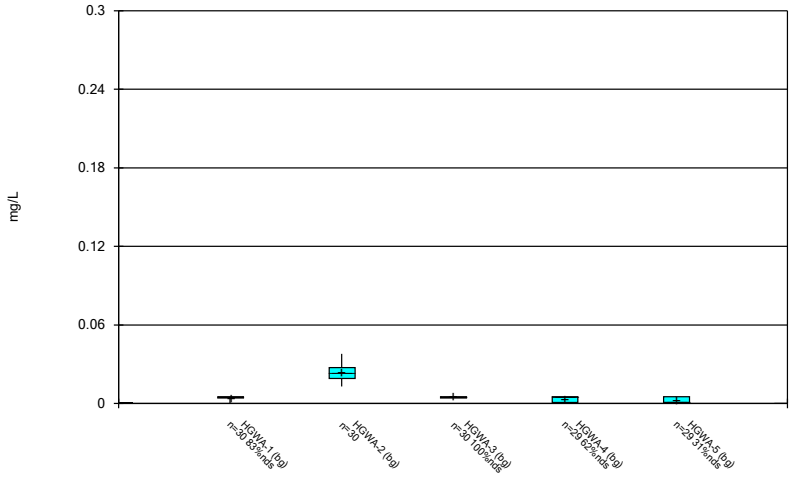
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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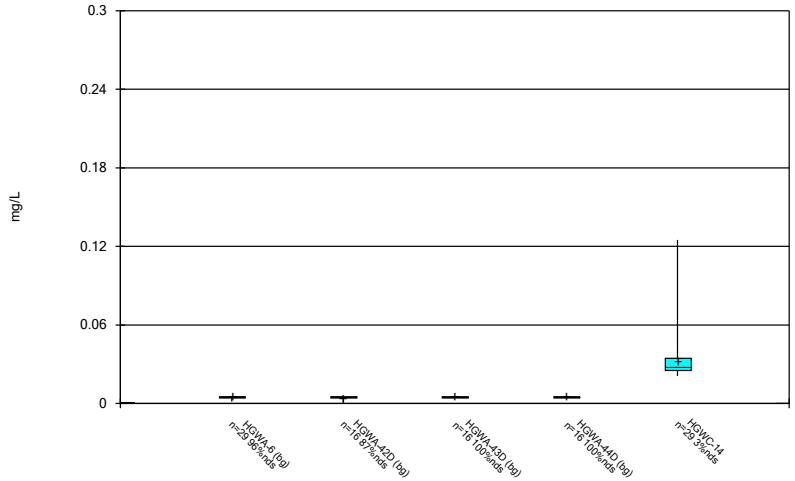
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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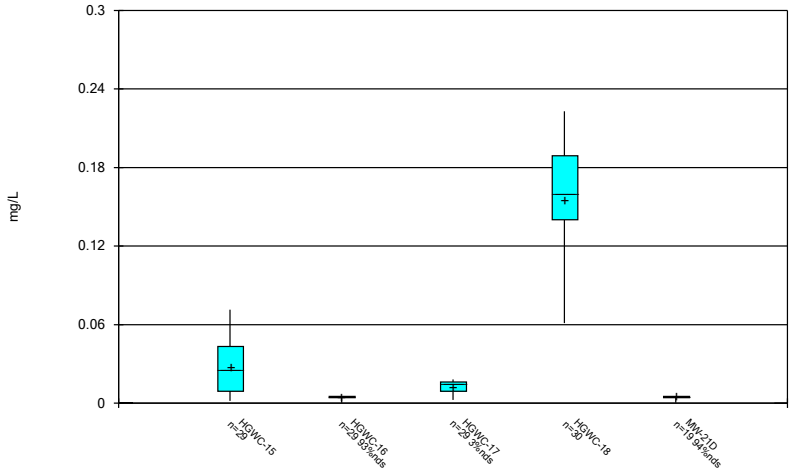
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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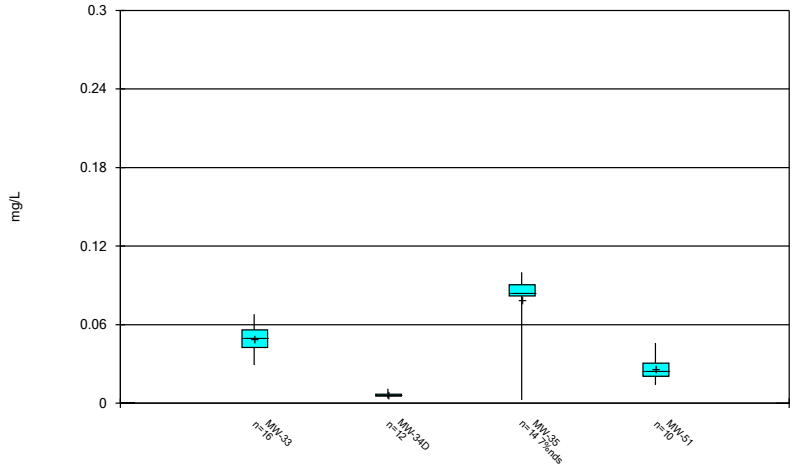
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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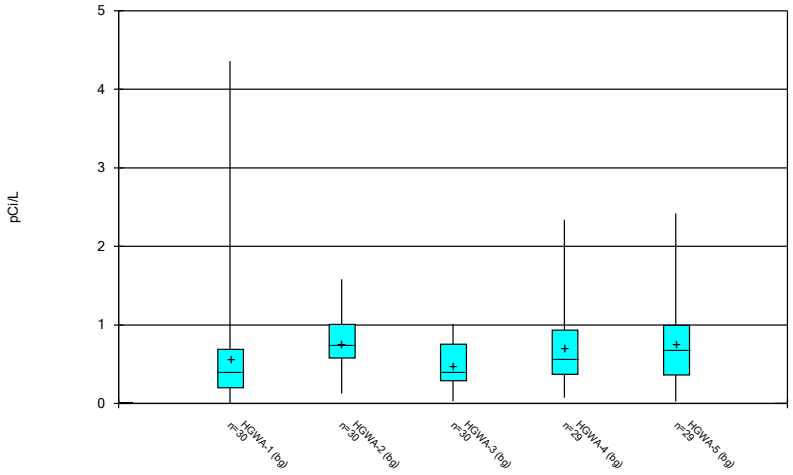
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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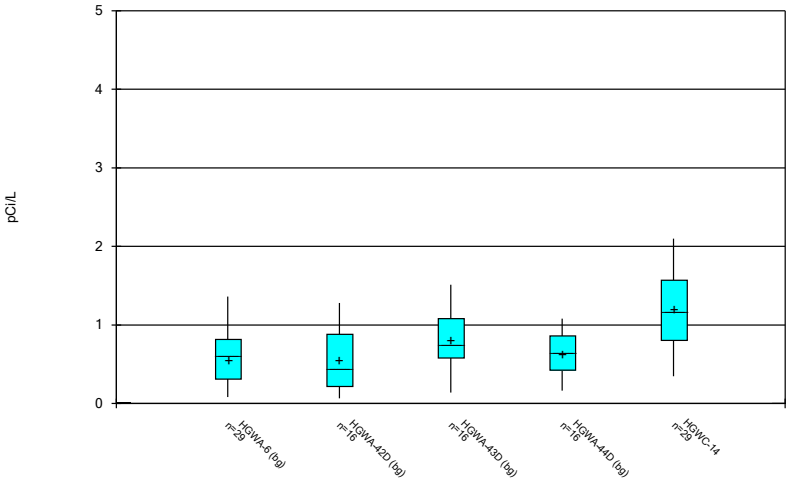
Box & Whiskers Plot



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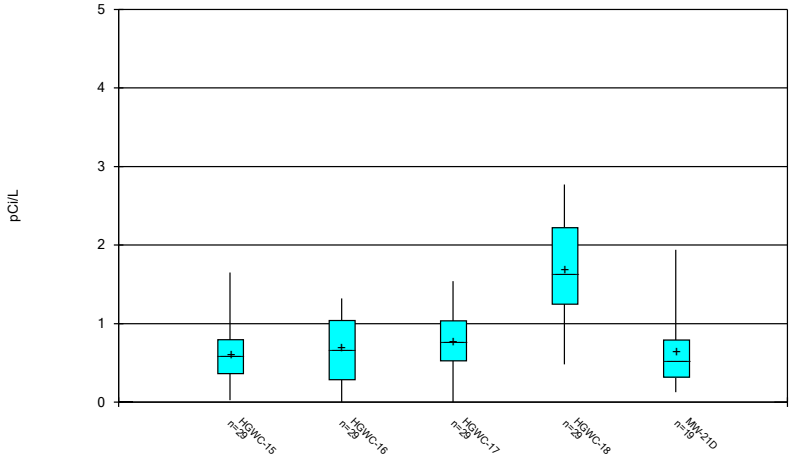
Box & Whiskers Plot



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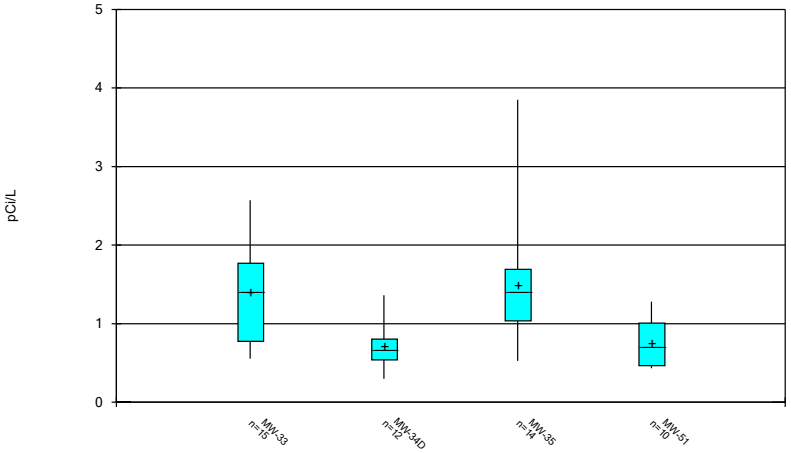
Box & Whiskers Plot



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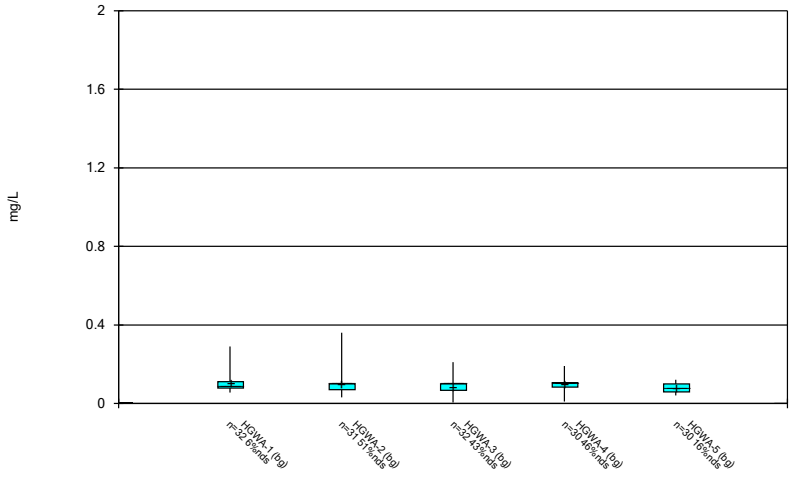
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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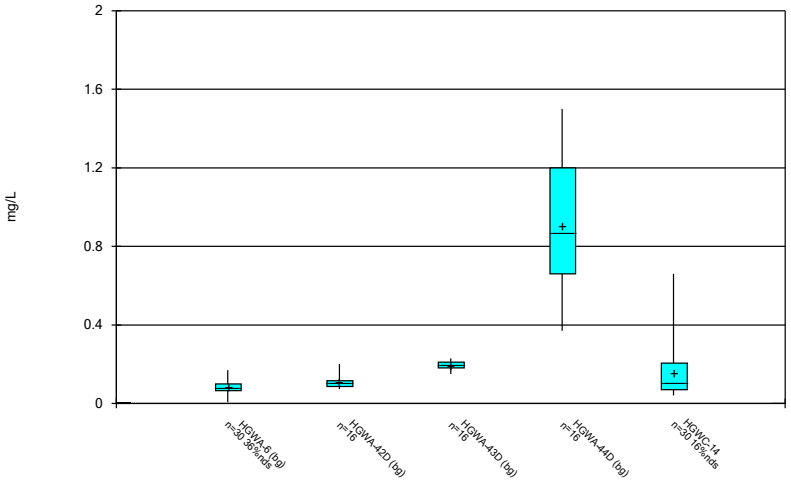
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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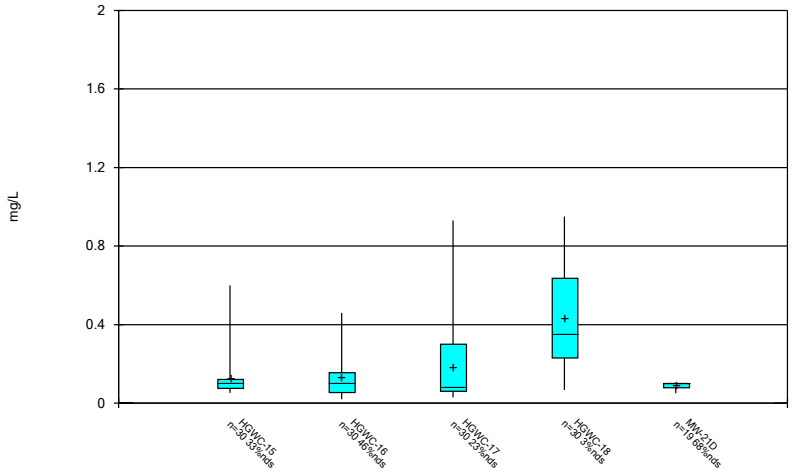
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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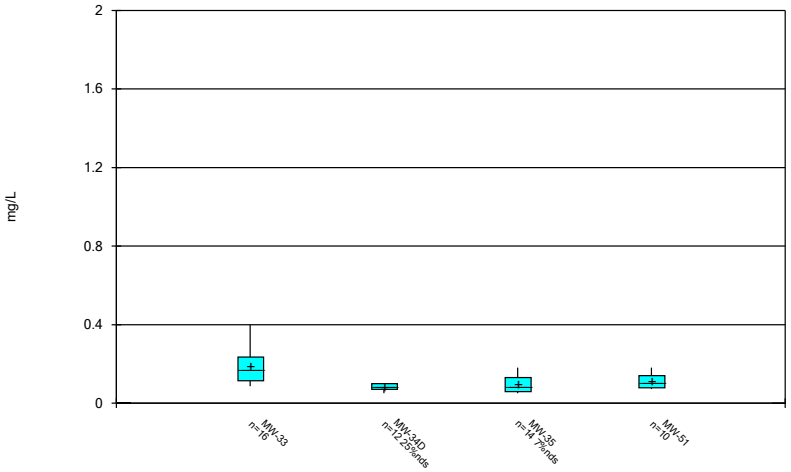
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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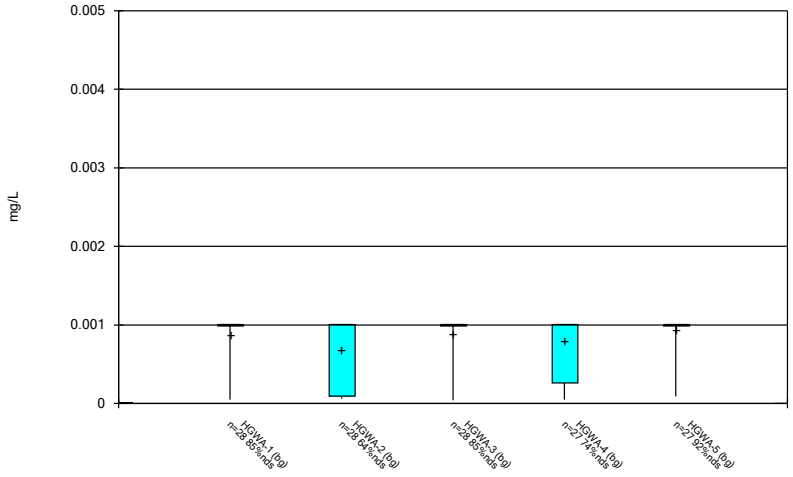
Box & Whiskers Plot



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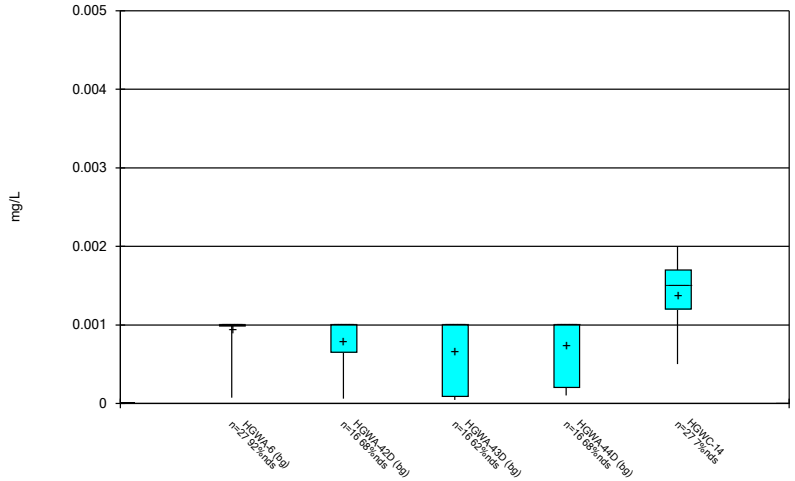
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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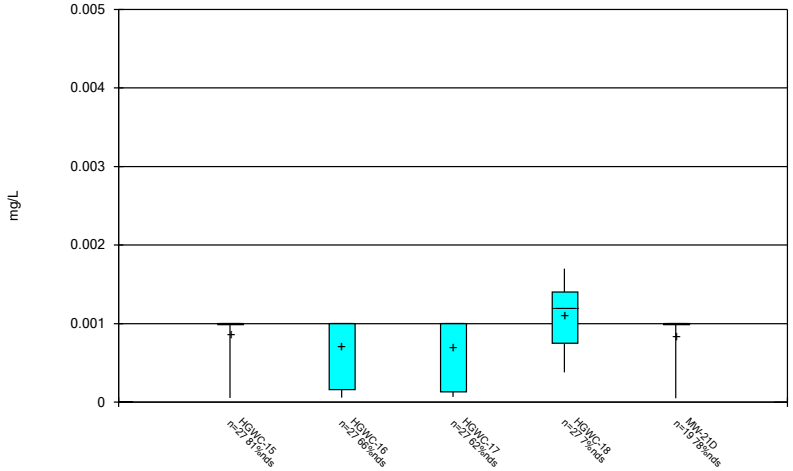
Box & Whiskers Plot



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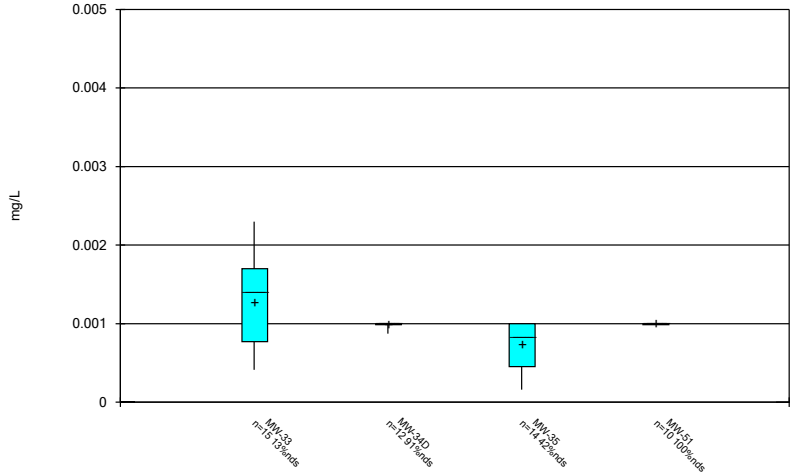

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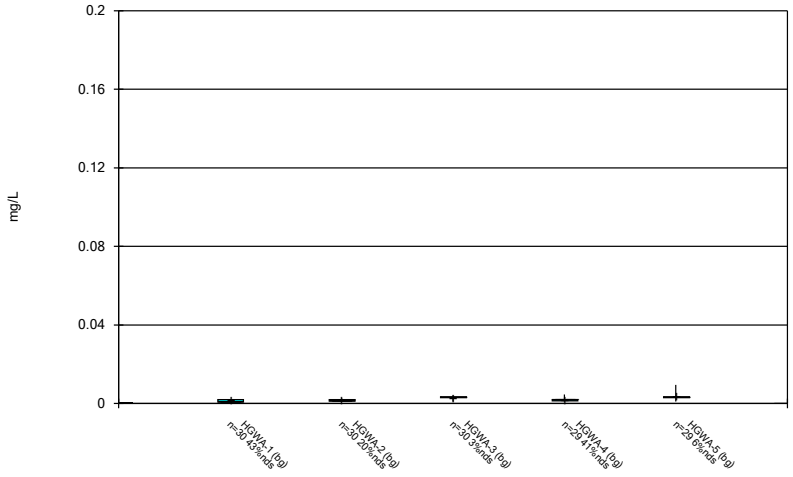
Box & Whiskers Plot



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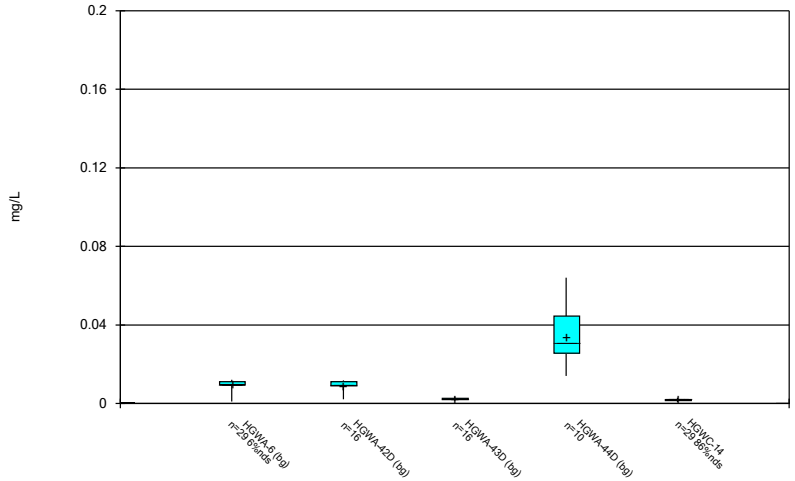
Box & Whiskers Plot



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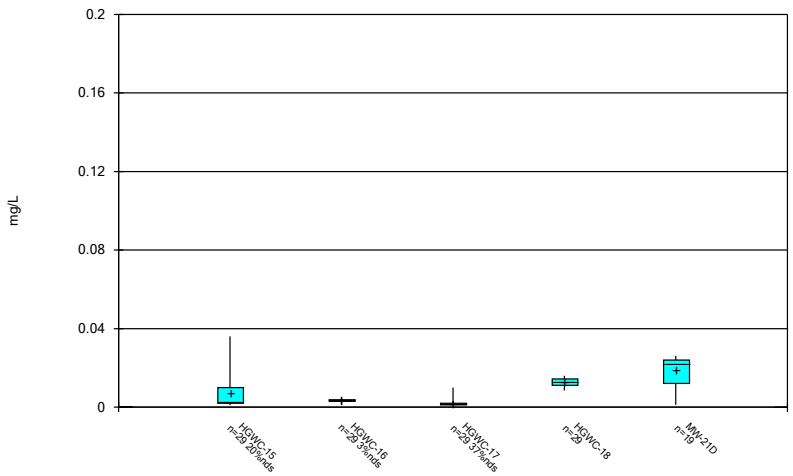

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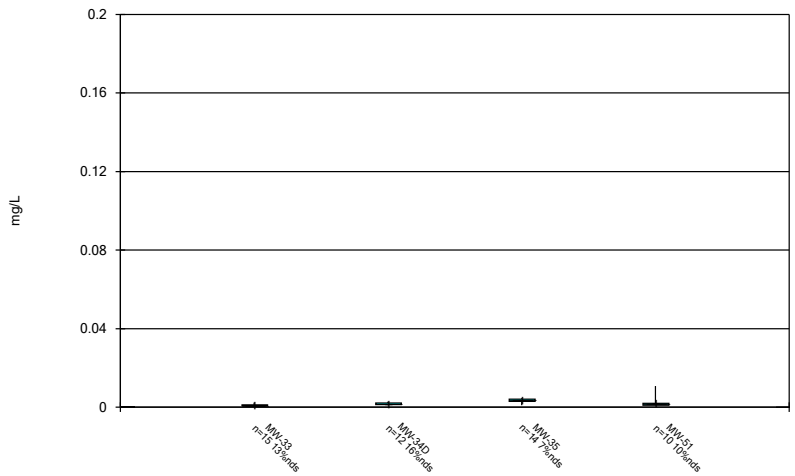
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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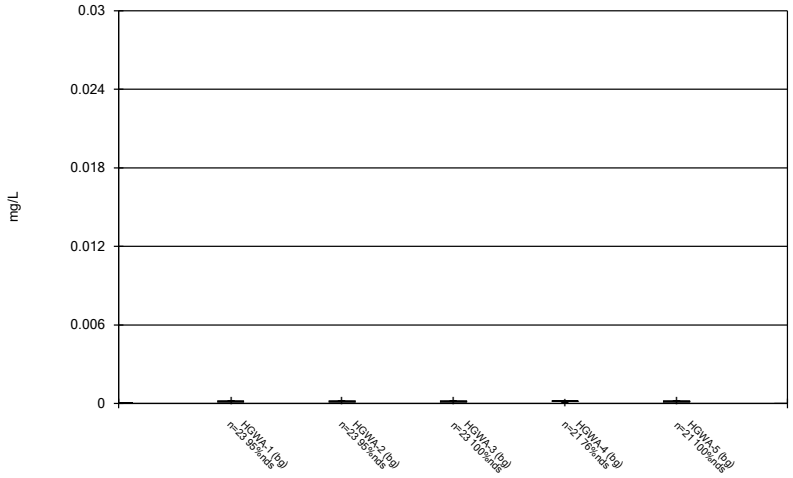
Box & Whiskers Plot



Constituent: Mercury Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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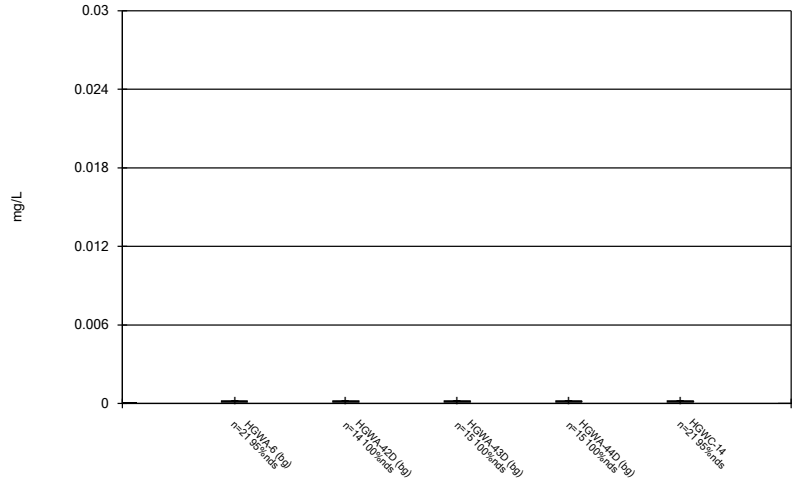
Box & Whiskers Plot

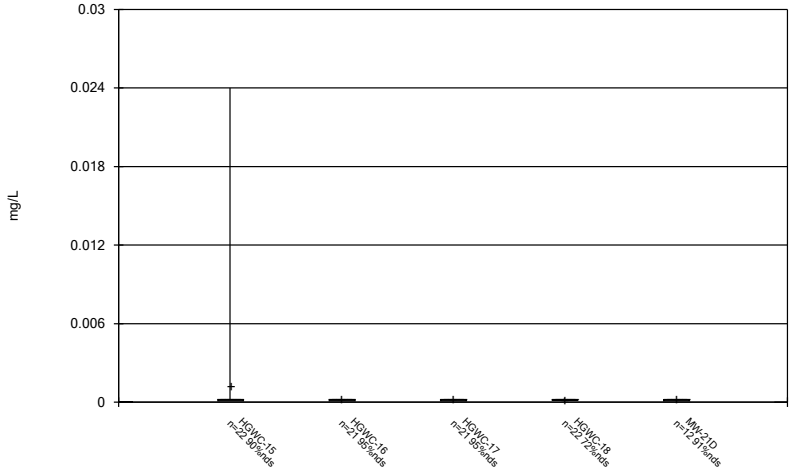


Constituent: Mercury Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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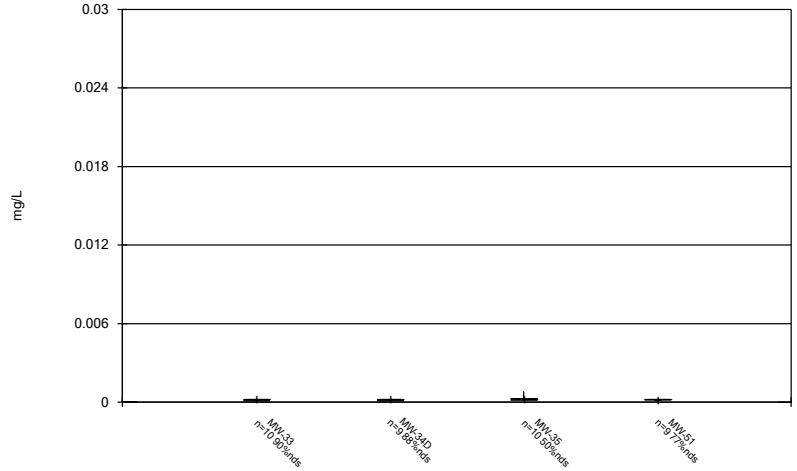
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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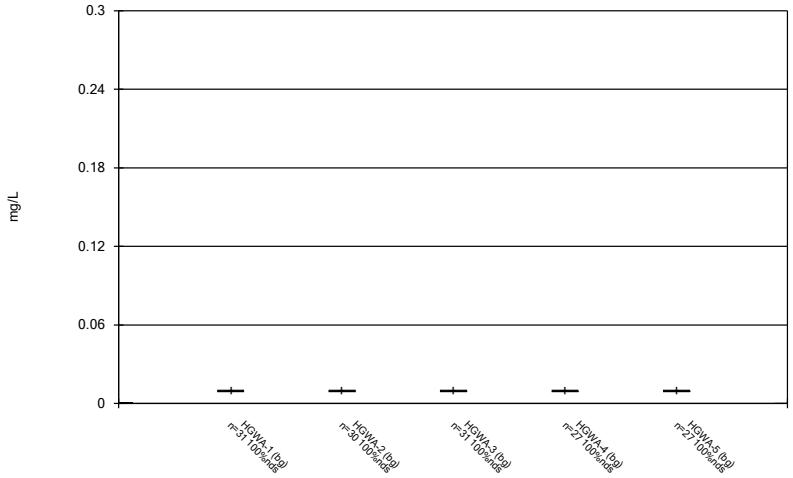
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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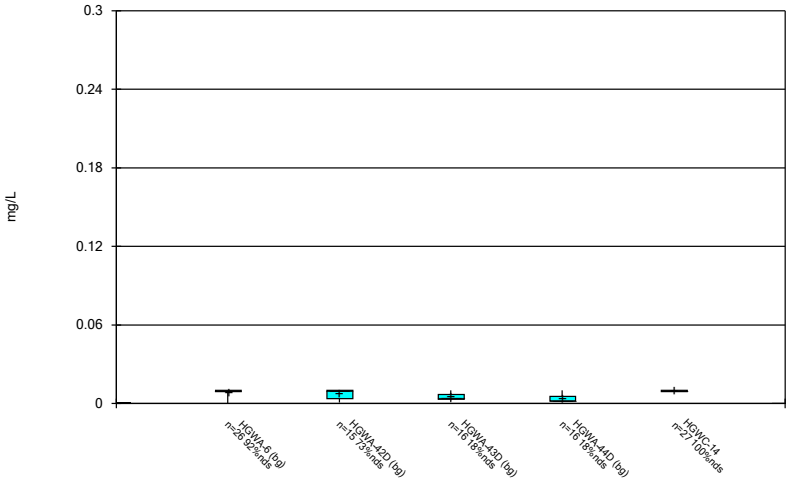
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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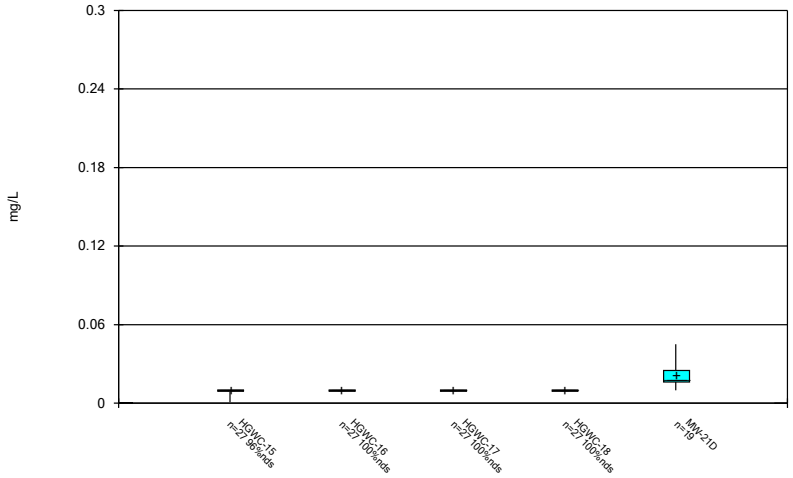
Box & Whiskers Plot



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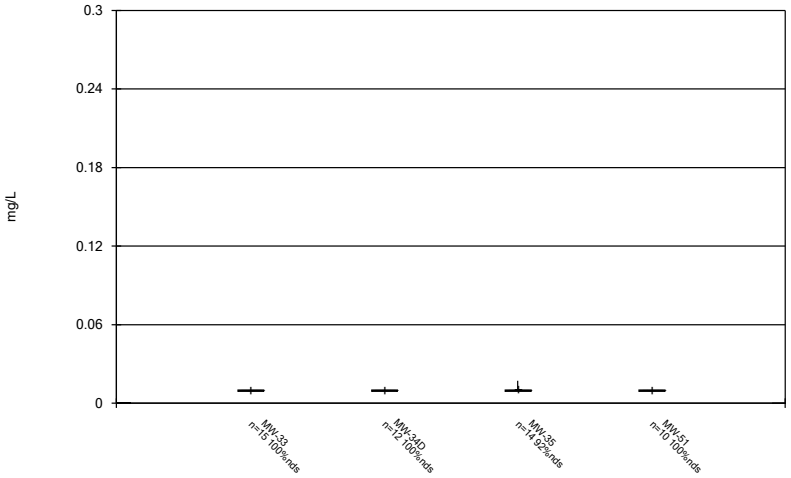
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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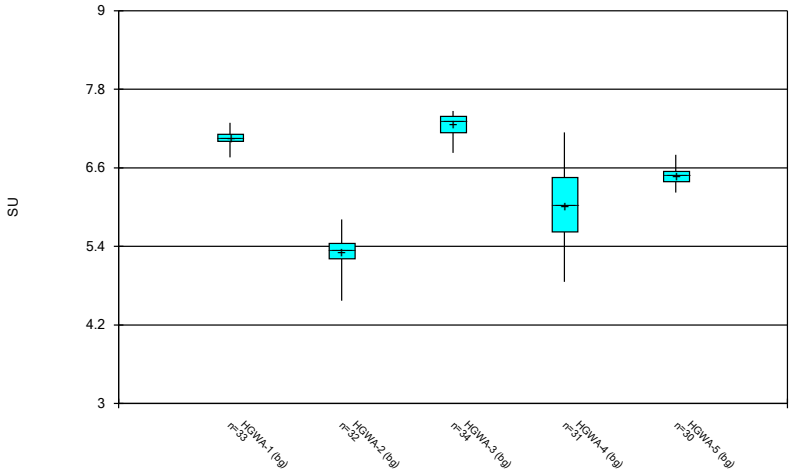
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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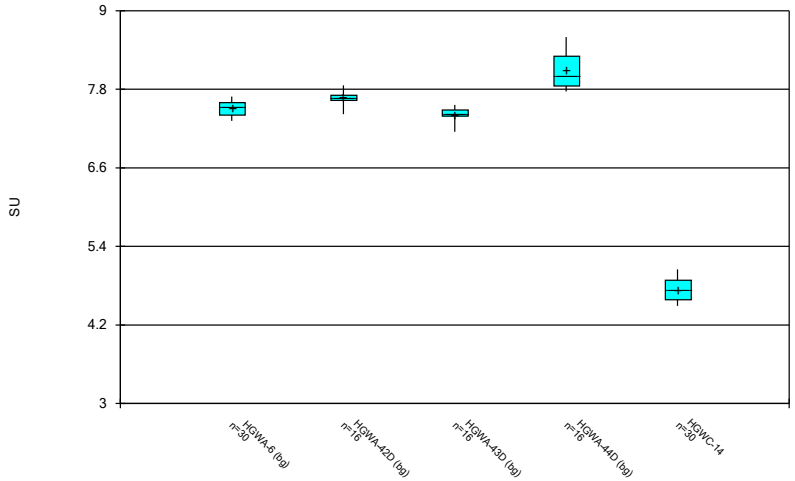
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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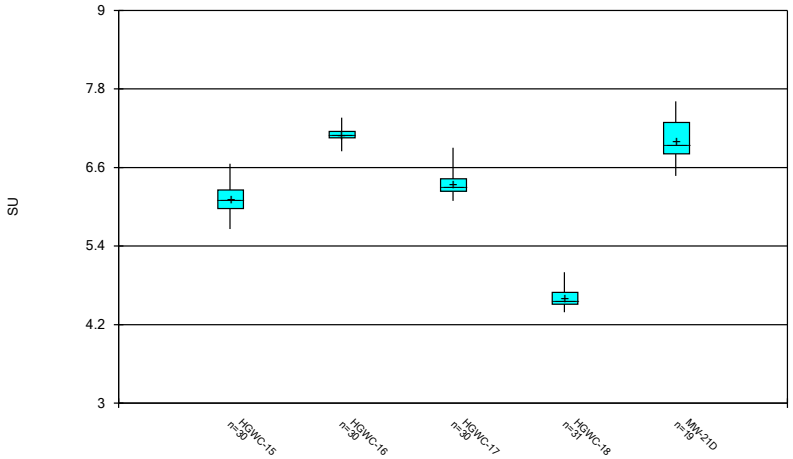
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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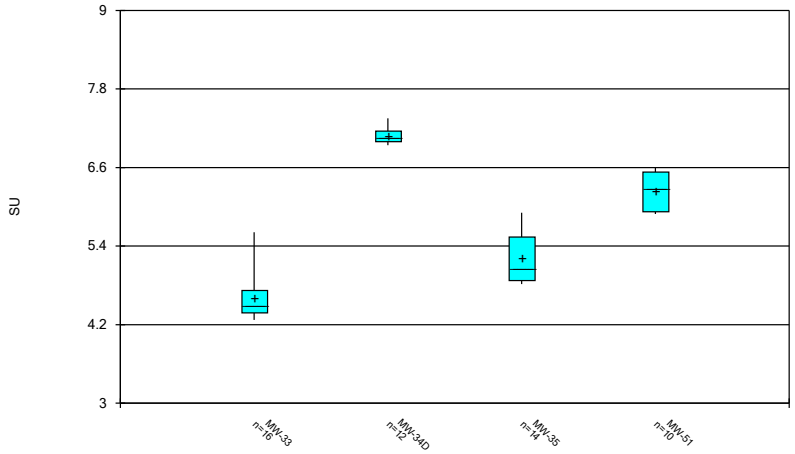
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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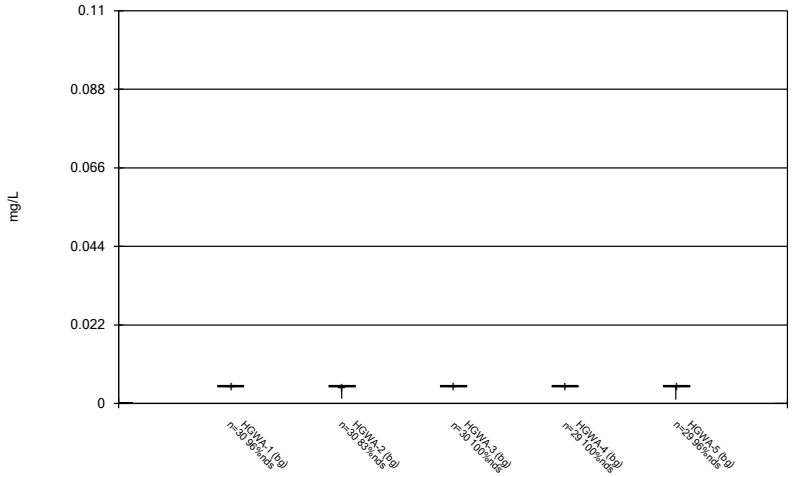
Box & Whiskers Plot



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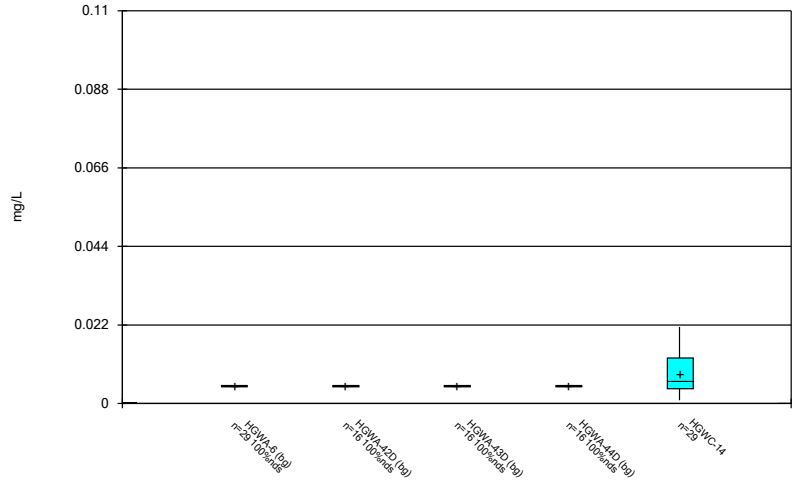
Box & Whiskers Plot



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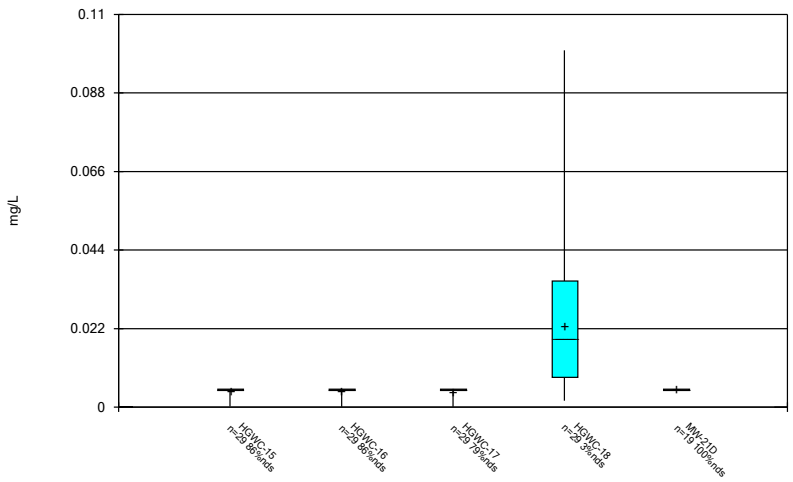
Box & Whiskers Plot



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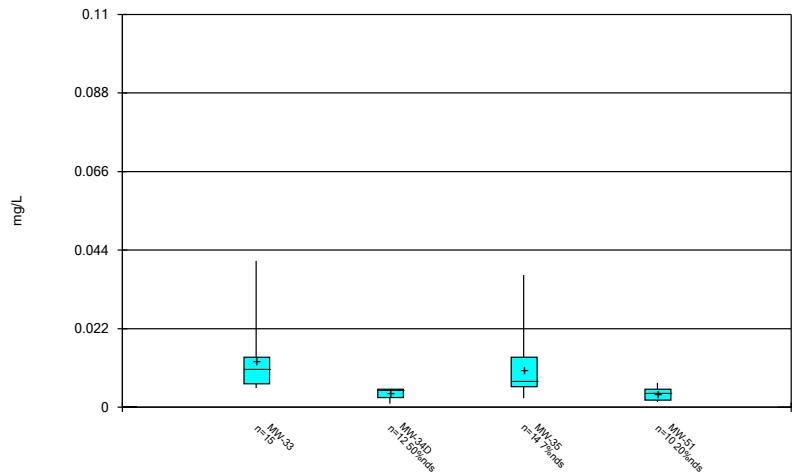

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Plant Hammond Client: Southern Company Data: Hammond AP2

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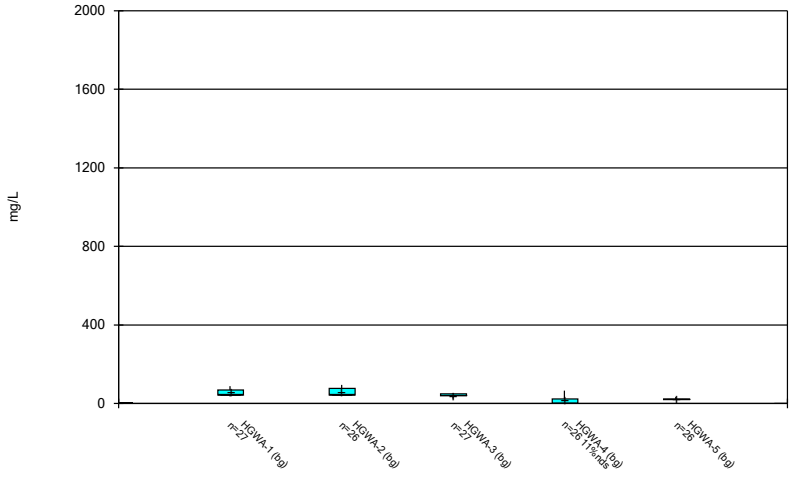
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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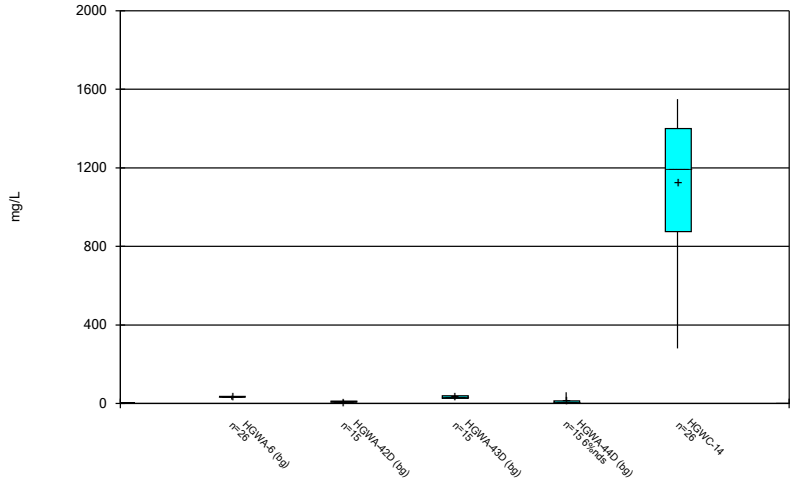
Box & Whiskers Plot



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Plant Hammond Client: Southern Company Data: Hammond AP2

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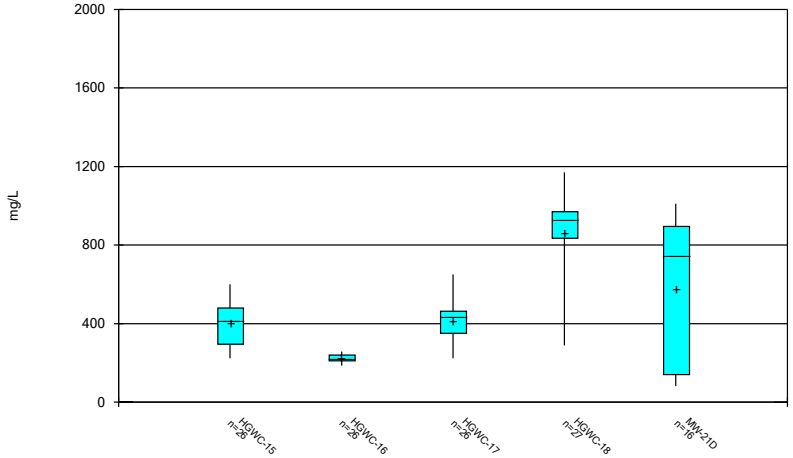
Box & Whiskers Plot



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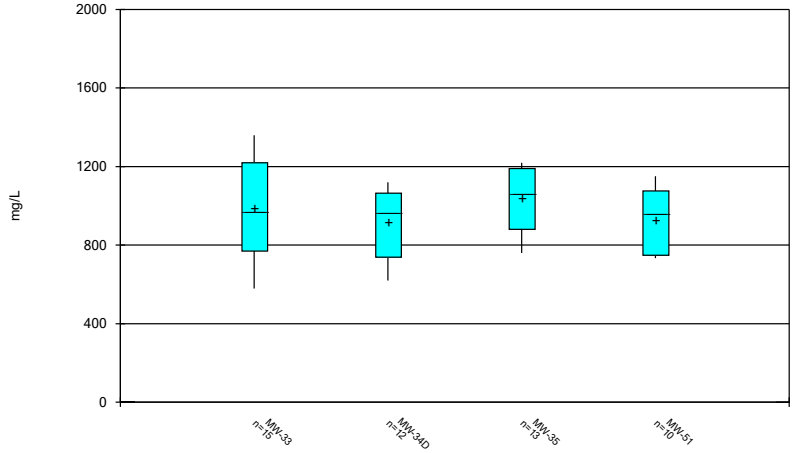
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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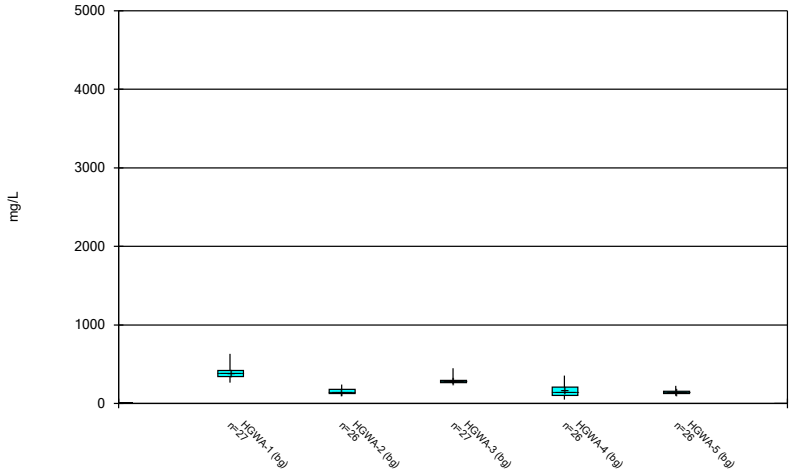
Box & Whiskers Plot



Constituent: TDS Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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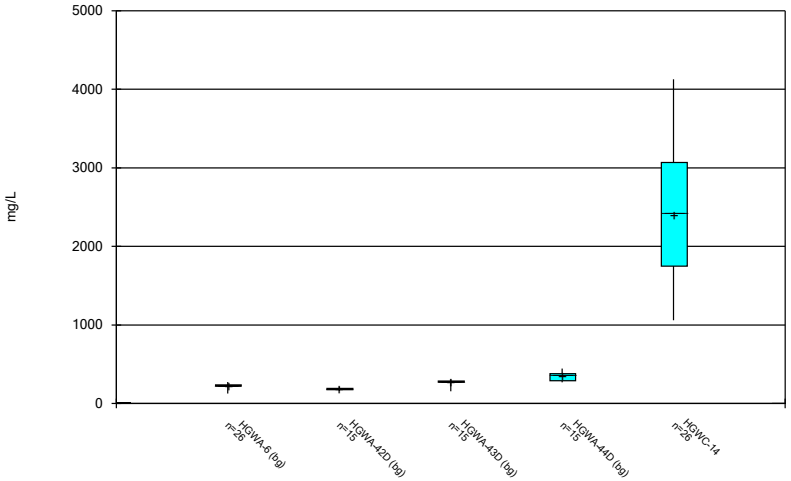
Box & Whiskers Plot



Constituent: TDS Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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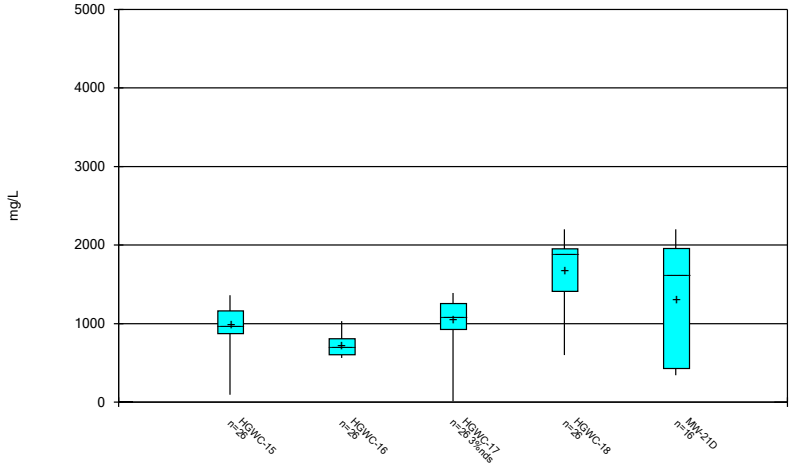
Box & Whiskers Plot



Constituent: TDS Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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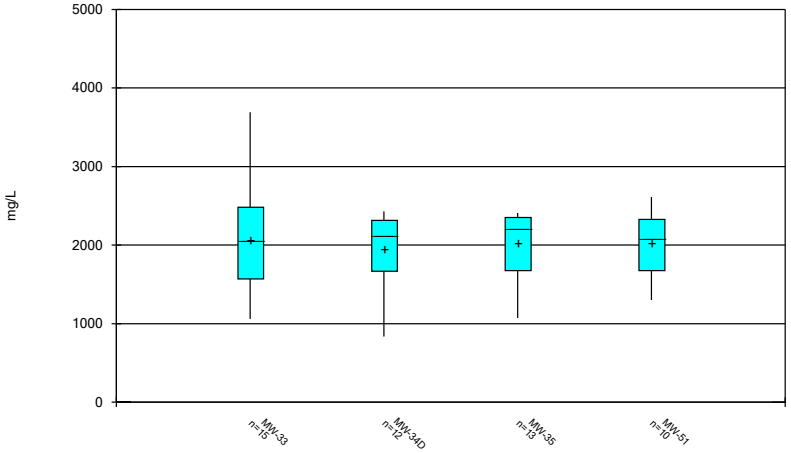
Box & Whiskers Plot



Constituent: TDS Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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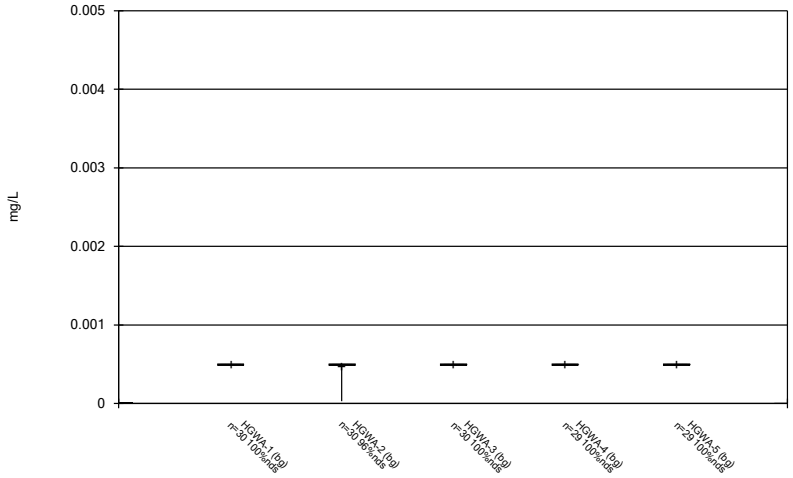
Box & Whiskers Plot



Constituent: Thallium Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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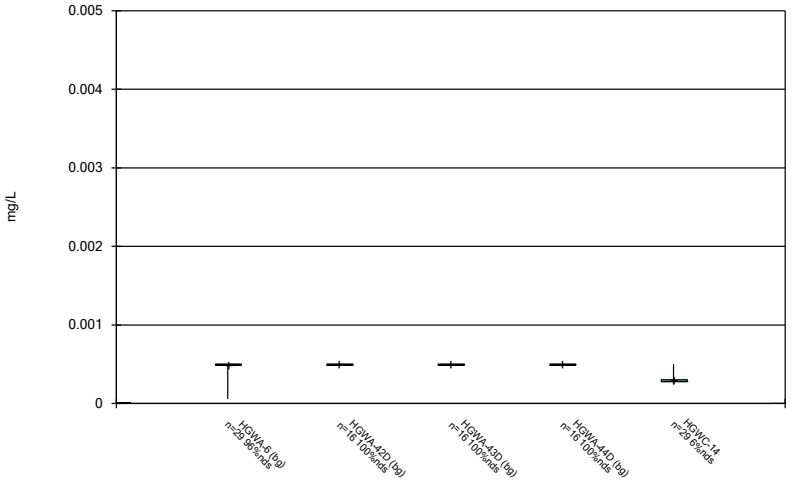
Box & Whiskers Plot



Constituent: Thallium Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

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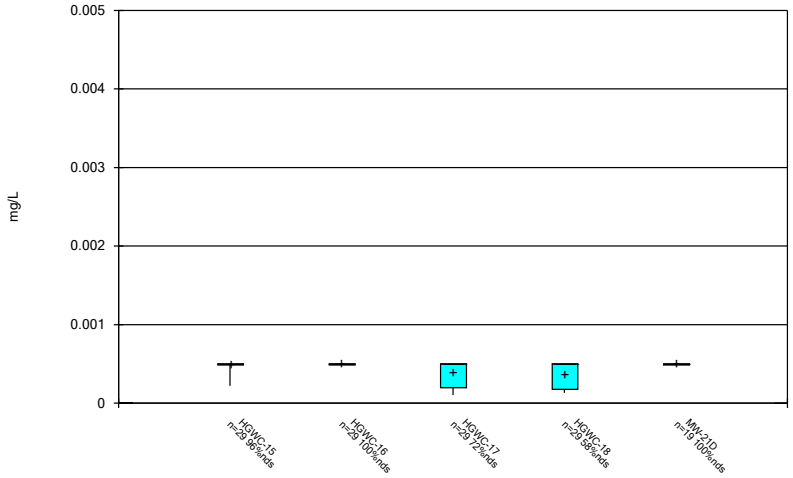
Box & Whiskers Plot



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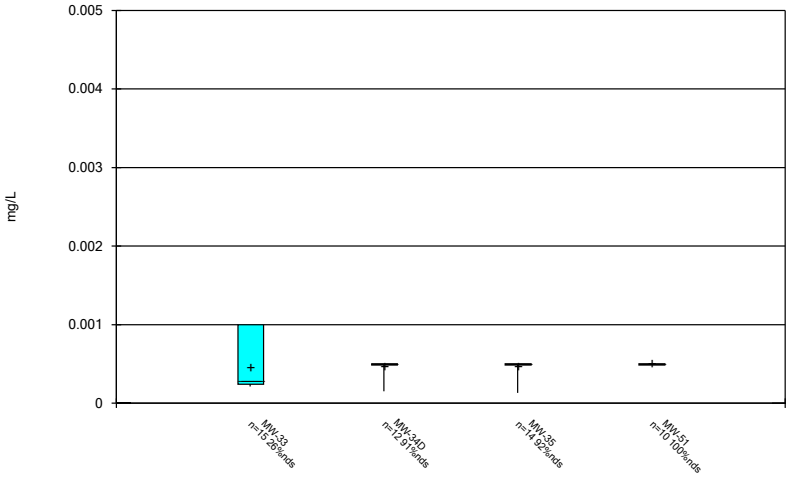
Box & Whiskers Plot



Constituent: Thallium Analysis Run 4/8/2026 9:07 AM

Plant Hammond Client: Southern Company Data: Hammond AP2

FIGURE C.

Outlier Summary

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:08 AM

	HGWA-6 Boron (mg/L)	HGWA-42D Boron (mg/L)	HGWA-6 Molybdenum (mg/L)	HGWA-42D Molybdenum (mg/L)
8/6/2024	1.6 (O)	1 (O)	0.14 (O)	0.2 (O)

FIGURE D.

Appendix III Interwell Prediction Limits - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:50 AM

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-14	0.55	n/a	2/7/2026	5.9	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-15	0.55	n/a	2/6/2026	2.3	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-16	0.55	n/a	2/6/2026	2.2	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-17	0.55	n/a	2/6/2026	7	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Boron (mg/L)	HGWC-18	0.55	n/a	2/6/2026	4.9	Yes	201	n/a	n/a	6.468	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-14	138	n/a	2/7/2026	307	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-15	138	n/a	2/6/2026	146	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-16	138	n/a	2/6/2026	177	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-17	138	n/a	2/6/2026	248	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Calcium (mg/L)	HGWC-18	138	n/a	2/6/2026	222	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-14	44.8	n/a	2/7/2026	48.2	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-16	44.8	n/a	2/6/2026	61.3	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-17	44.8	n/a	2/6/2026	80.5	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	HGWC-18	44.8	n/a	2/6/2026	68.4	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-14	94.5	n/a	2/7/2026	597	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-15	94.5	n/a	2/6/2026	260	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-16	94.5	n/a	2/6/2026	190	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-17	94.5	n/a	2/6/2026	351	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Sulfate (mg/L)	HGWC-18	94.5	n/a	2/6/2026	471	Yes	203	n/a	n/a	1.97	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-14	632	n/a	2/7/2026	1150	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-15	632	n/a	2/6/2026	642	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-16	632	n/a	2/6/2026	658	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-17	632	n/a	2/6/2026	968	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
TDS (mg/L)	HGWC-18	632	n/a	2/6/2026	936	Yes	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:50 AM

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-14**	**0.55**	**n/a**	**2/7/2026**	**5.9**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-15**	**0.55**	**n/a**	**2/6/2026**	**2.3**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-16**	**0.55**	**n/a**	**2/6/2026**	**2.2**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-17**	**0.55**	**n/a**	**2/6/2026**	**7**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Boron (mg/L)	**HGWC-18**	**0.55**	**n/a**	**2/6/2026**	**4.9**	**Yes**	**201**	**n/a**	**n/a**	**6.468**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-14**	**138**	**n/a**	**2/7/2026**	**307**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-15**	**138**	**n/a**	**2/6/2026**	**146**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-16**	**138**	**n/a**	**2/6/2026**	**177**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-17**	**138**	**n/a**	**2/6/2026**	**248**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Calcium (mg/L)	**HGWC-18**	**138**	**n/a**	**2/6/2026**	**222**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**HGWC-14**	**44.8**	**n/a**	**2/7/2026**	**48.2**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	HGWC-15	44.8	n/a	2/6/2026	43.6	No	203	n/a	n/a	0	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Chloride (mg/L)	**HGWC-16**	**44.8**	**n/a**	**2/6/2026**	**61.3**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**HGWC-17**	**44.8**	**n/a**	**2/6/2026**	**80.5**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**HGWC-18**	**44.8**	**n/a**	**2/6/2026**	**68.4**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Fluoride (mg/L)	HGWC-14	1.5	n/a	2/7/2026	0.052J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-15	1.5	n/a	2/6/2026	0.065J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-16	1.5	n/a	2/6/2026	0.052J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-17	1.5	n/a	2/6/2026	0.066J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
Fluoride (mg/L)	HGWC-18	1.5	n/a	2/6/2026	0.092J	No	233	n/a	n/a	26.61	n/a	n/a	0.0000492	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-14	8.6	4.57	2/7/2026	4.92	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-15	8.6	4.57	2/6/2026	6.14	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-16	8.6	4.57	2/6/2026	7.15	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-17	8.6	4.57	2/6/2026	6.44	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
pH, Field (SU)	HGWC-18	8.6	4.57	2/6/2026	4.9	No	238	n/a	n/a	0	n/a	n/a	0.0000984	NP Inter (normality) 1 of 2
Sulfate (mg/L)	**HGWC-14**	**94.5**	**n/a**	**2/7/2026**	**597**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-15**	**94.5**	**n/a**	**2/6/2026**	**260**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-16**	**94.5**	**n/a**	**2/6/2026**	**190**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-17**	**94.5**	**n/a**	**2/6/2026**	**351**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
Sulfate (mg/L)	**HGWC-18**	**94.5**	**n/a**	**2/6/2026**	**471**	**Yes**	**203**	**n/a**	**n/a**	**1.97**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-14**	**632**	**n/a**	**2/7/2026**	**1150**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-15**	**632**	**n/a**	**2/6/2026**	**642**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-16**	**632**	**n/a**	**2/6/2026**	**658**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-17**	**632**	**n/a**	**2/6/2026**	**968**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**
TDS (mg/L)	**HGWC-18**	**632**	**n/a**	**2/6/2026**	**936**	**Yes**	**203**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0000492**	**NP Inter (normality) 1 of 2**

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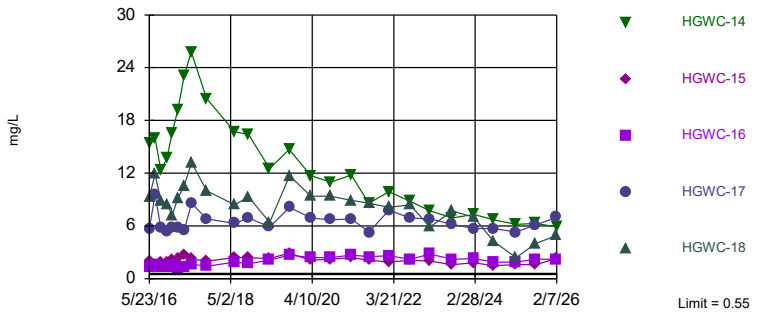
Exceeds Limit: HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18

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 201 background values. 6.468% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: Boron Analysis Run 4/8/2026 9:49 AM View: Appendix III

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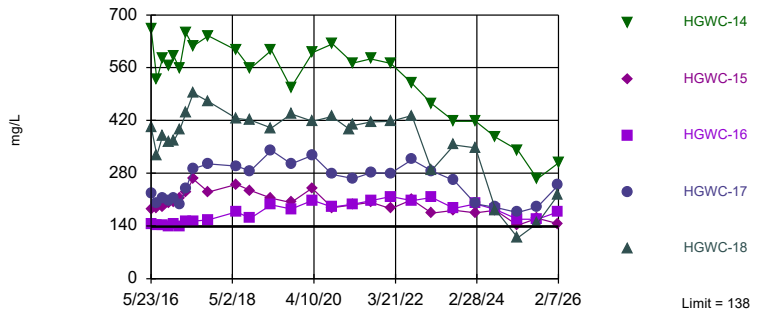
Exceeds Limit: HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18

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 203 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: Calcium Analysis Run 4/8/2026 9:49 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

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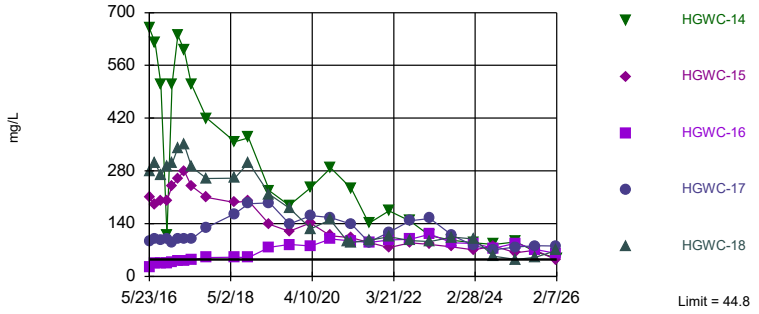
Exceeds Limit: HGWC-14, HGWC-16, HGWC-17, HGWC-18

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 203 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: Chloride Analysis Run 4/8/2026 9:49 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

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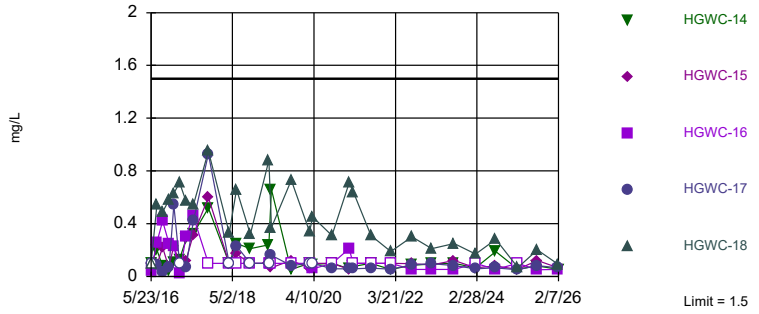
Hollow symbols indicate censored values.

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 233 background values. 26.61% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: Fluoride Analysis Run 4/8/2026 9:49 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

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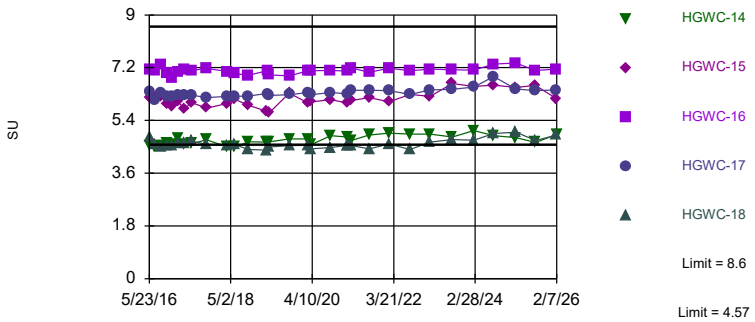
Within Limits

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 238 background values. Annual per-constituent alpha = 0.0009838. Individual comparison alpha = 0.0000984 (1 of 2). Comparing 5 points to limit.

Constituent: pH, Field Analysis Run 4/8/2026 9:49 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

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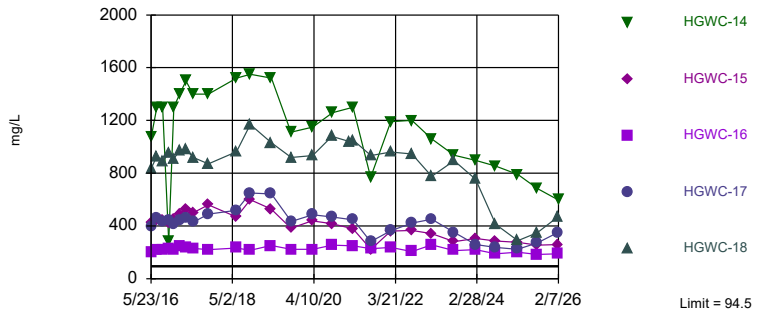
Exceeds Limit: HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18

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 203 background values. 1.97% NDs. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: Sulfate Analysis Run 4/8/2026 9:49 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

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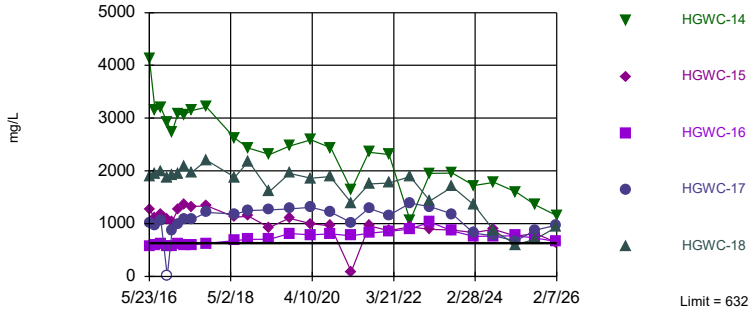
Hollow symbols indicate censored values.

Exceeds Limit: HGWC-14, HGWC-15, HGWC-16, HGWC-17, HGWC-18

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 203 background values. Annual per-constituent alpha = 0.0004919. Individual comparison alpha = 0.0000492 (1 of 2). Comparing 5 points to limit.

Constituent: TDS Analysis Run 4/8/2026 9:49 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-5 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-14	HGWC-15
5/19/2016	0.0214 (J)	<0.04	0.0321 (J)	<0.04	<0.04				
5/20/2016						0.0363 (J)			
5/23/2016							5.7	15.4	2.02
5/24/2016									
7/11/2016	0.0142 (J)		0.0337 (J)	0.0175 (J)	0.0052 (J)	0.0179 (J)			
7/12/2016		0.0074 (J)					9.58	16	1.65
8/30/2016	0.0074 (J)	<0.04	0.0173 (J)	0.0072 (J)	0.0068 (J)	0.014 (J)			
9/1/2016							5.76	12.3	1.93
10/19/2016	0.0224 (J)	0.0085 (J)	0.0341 (J)	0.018 (J)					
10/20/2016					0.0135 (J)	0.0197 (J)			
10/24/2016								13.7	1.93
10/25/2016							5.38		
12/6/2016	0.0211 (J)	0.0085 (J)	0.0326 (J)	0.0158 (J)					
12/7/2016							5.74	16.5	2.23
12/8/2016					0.0083 (J)	0.0159 (J)			
1/24/2017	0.0165 (J)	0.01 (J)	0.0365 (J)	0.0145 (J)	0.0072 (J)	<0.04			
1/26/2017							5.78	19.2	2.31
3/21/2017	0.0187 (J)	0.0079 (J)	0.0349 (J)	0.0101 (J)	<0.04	0.0166 (J)			
3/22/2017							5.52		
3/23/2017								23.1	2.72
5/22/2017	0.0782	0.0131 (J)	0.0475						
5/23/2017				0.0159 (J)	0.0095 (J)	0.0167 (J)			
5/24/2017								25.8	2.26
5/25/2017							8.58		
10/3/2017	0.0198 (J)	0.0097 (J)	0.0386 (J)	0.0162 (J)	0.0071 (J)	0.017 (J)			
10/4/2017							6.8	20.5	2
6/4/2018	0.02 (J)	0.017 (J)	0.036 (J)	0.014 (J)					
6/5/2018					0.0066 (J)	0.016 (J)			
6/6/2018							6.3	16.7	2.4
10/1/2018	0.013 (J)	0.0061 (J)	0.035 (J)	0.0093 (J)					
10/2/2018					0.0081 (J)	0.014 (J)			
10/3/2018							6.9	16.4	2.4
4/1/2019		0.0066 (J)							
4/2/2019	0.016 (J)		0.034 (J)	0.01 (J)	0.0052 (J)	0.013 (J)			
4/4/2019									2.3
4/5/2019							5.9	12.5	
9/23/2019	0.021 (J)	0.0081 (J)	0.04 (J)						
9/24/2019				0.013 (J)	0.0088 (J)	0.016 (J)		14.7	2.9
9/25/2019							8.1		
3/25/2020	0.025 (J)	0.0096 (J)	0.039 (J)			0.021 (J)			
3/26/2020				0.012 (J)	0.0072 (J)				2.1
3/30/2020								11.7	
3/31/2020							6.9		
6/16/2020	0.021 (J)	0.01 (J)							
9/15/2020	0.017 (J)	0.0071 (J)	0.044 (J)	0.013 (J)	0.012 (J)	0.016 (J)			
9/16/2020							6.7		
9/17/2020									2.2
9/18/2020								11	
11/10/2020									
11/11/2020									
12/15/2020									
1/19/2021									

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-5 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-14	HGWC-15
1/20/2021									
3/10/2021	0.015 (J)			0.012 (J)					
3/11/2021		0.015 (J)	0.056		0.0075 (J)	0.018 (J)			
3/16/2021									2.4
3/17/2021								11.8	
3/18/2021							6.8		
8/11/2021	0.02 (J)								
8/12/2021		<0.04	0.044	0.014 (J)	0.0092 (J)	0.014 (J)			
8/13/2021									
8/18/2021							5.3	8.6	
8/19/2021									2.1
2/1/2022	0.016 (J)	0.011 (J)	0.056						
2/7/2022				0.017 (J)	<0.04	0.019 (J)			
2/8/2022							7.8		1.9
2/9/2022								9.9	
8/2/2022	0.012 (J)	<0.04	0.047	0.02 (J)					
8/9/2022									
8/10/2022					0.011 (J)	0.015 (J)	6.9		
8/11/2022								8.8	2.1
1/23/2023		0.012 (J)		0.023 (J)					
1/24/2023	0.015 (J)		0.046						
1/27/2023					<0.04	0.013 (J)			
1/30/2023							6.8		
2/1/2023								7.7	2
8/8/2023	0.023 (J)	0.011 (J)	0.06	0.029 (J)	0.025 (J)	0.017 (J)			
8/13/2023							6.2	6.9	1.6
2/13/2024	0.02 (J)	<0.04	0.051	0.023 (J)	<0.04	0.015 (J)			
2/17/2024							5.7	7.3	1.8
2/18/2024									
8/5/2024	0.02 (J)	<0.04	0.057						
8/6/2024				0.015 (J)	0.024 (J)	1.6 (O)			
8/8/2024							5.7		1.5
8/9/2024									
8/10/2024								6.7	
2/12/2025	0.021 (J)	0.011 (J)		0.023 (J)					
2/14/2025			0.053		0.015 (J)	0.02 (J)			
2/16/2025							5.3		
2/17/2025									1.6
2/18/2025								6.2	
8/5/2025	0.019 (J)	0.009 (J)	0.044	0.041	0.014 (J)	0.017 (J)			
8/8/2025							6.1	6.3	1.6
2/3/2026	0.021 (J)	0.0094 (J)	0.039 (J)	0.026 (J)					
2/4/2026					0.025 (J)	0.021 (J)			
2/6/2026							7		2.3
2/7/2026								5.9	

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-16	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
5/19/2016					
5/20/2016					
5/23/2016	1.36				
5/24/2016		9.33			
7/11/2016					
7/12/2016	1.62	11.9			
8/30/2016					
9/1/2016	1.31	8.8			
10/19/2016					
10/20/2016					
10/24/2016					
10/25/2016	1.27	8.5			
12/6/2016					
12/7/2016	1.42				
12/8/2016		7.15			
1/24/2017					
1/26/2017	1.19	9.17			
3/21/2017					
3/22/2017	1.32				
3/23/2017		10.6			
5/22/2017					
5/23/2017					
5/24/2017	1.67				
5/25/2017		13.2			
10/3/2017					
10/4/2017	1.43	10			
6/4/2018					
6/5/2018		8.4			
6/6/2018	1.9				
10/1/2018					
10/2/2018					
10/3/2018	1.7	9.3			
4/1/2019					
4/2/2019					
4/4/2019	2.1				
4/5/2019		6.4			
9/23/2019					
9/24/2019					
9/25/2019	2.7	11.7			
3/25/2020					
3/26/2020					
3/30/2020	2.4				
3/31/2020		9.4			
6/16/2020					
9/15/2020		9.4			
9/16/2020			0.23	0.061 (J)	
9/17/2020	2.4				0.098 (J)
9/18/2020					
11/10/2020			0.29	0.057 (J)	
11/11/2020					0.058 (J)
12/15/2020			0.31	0.052 (J)	0.043 (J)
1/19/2021			0.4	0.049 (J)	

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-16	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
1/20/2021					0.045 (J)
3/10/2021			0.39		0.048
3/11/2021				0.06	
3/16/2021					
3/17/2021	2.7				
3/18/2021		8.9			
8/11/2021				0.042	
8/12/2021					0.044
8/13/2021			0.31		
8/18/2021					
8/19/2021	2.5	8.6			
2/1/2022			0.44	0.05	
2/7/2022					0.047
2/8/2022	2.6	8.1			
2/9/2022					
8/2/2022			0.31	0.043	
8/9/2022					0.055
8/10/2022	2.2	8.4			
8/11/2022					
1/23/2023					0.052
1/24/2023			0.44	0.037 (J)	
1/27/2023					
1/30/2023					
2/1/2023	2.8	5.9			
8/8/2023			0.55	0.038 (J)	0.048
8/13/2023	2.2	7.7			
2/13/2024			0.49	0.037 (J)	0.045
2/17/2024					
2/18/2024	2.3	7			
8/5/2024					
8/6/2024			0.52	0.043	1 (O)
8/8/2024					
8/9/2024	1.9	4.2			
8/10/2024					
2/12/2025			0.54	0.04 (J)	
2/14/2025					0.059
2/16/2025					
2/17/2025	1.9				
2/18/2025		2.4			
8/5/2025			0.45	0.039 (J)	0.05
8/8/2025	2.2	4			
2/3/2026			0.47	0.036 (J)	
2/4/2026					0.053
2/6/2026	2.2	4.9			
2/7/2026					

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-5 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-16	HGWC-15
5/19/2016	138	76.2	35.5	22.9	48.4				
5/20/2016						56.1			
5/23/2016							225	146	184
5/24/2016									
7/11/2016	97.2		35.4	22.3	73	49.3			
7/12/2016		61.5					199	142	186
8/30/2016	97.5	65.1	28	26.4	85.7	53.9			
9/1/2016							213	141	189
10/19/2016	99.2	73.2		21.7	89.7				
10/20/2016			26.7			50.7			
10/24/2016									200
10/25/2016							206	138	
12/6/2016	105	74.9		18.2	80				
12/7/2016							212	146	203
12/8/2016			23.5			49.2			
1/24/2017	95.7	69.6	24.5	18.5	30.8	48.3			
1/26/2017							198	139	212
3/21/2017	106	75.7	30.8	18.6	34	51.3			
3/22/2017							239	150	
3/23/2017									229
5/22/2017	107	71.5		17.8					
5/23/2017			24.2		43	49.1			
5/24/2017								153	265
5/25/2017							292		
10/3/2017	102	76.3	29	20.2	46.9	55.1			
10/4/2017							305	156	230
6/4/2018	124	73.4		19.1	81.9				
6/5/2018			27.8			54.5			
6/6/2018							299	177	250
10/1/2018	108	80.9		20.5 (J)	22 (J)				
10/2/2018			28.9			54.7			
10/3/2018							286	160	234
4/1/2019		80.5							
4/2/2019	132		26.3	22.5 (J)	76	49.7			
4/4/2019								196	214
4/5/2019							340		
9/23/2019	118	71		19.5					
9/24/2019			29.3		36.6	52.5			202
9/25/2019							305	185	
3/25/2020	127	89.8		23		58.1			
3/26/2020			27.8		14.9				240
3/30/2020								208	
3/31/2020							328		
6/16/2020	130	85.1							
9/15/2020	103	73.1	27.9	21.1	20.4	49.9			
9/16/2020							277		
9/17/2020								190	188
9/18/2020									
11/10/2020									
11/11/2020									
12/15/2020									
1/19/2021									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-5 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-16	HGWC-15
1/20/2021									
2/10/2021									
3/10/2021	111				5.9				
3/11/2021		83.8	28.3	43.8		53.1			
3/16/2021									196
3/17/2021								198	
3/18/2021							266		
8/11/2021	113								
8/12/2021		84	32	21.9	5.4	54.7			
8/13/2021									
8/18/2021							281		
8/19/2021								207	203
2/1/2022	106	85.1		27.2					
2/7/2022			30		5.9	53.4			
2/8/2022							280	218	186
2/9/2022									
8/2/2022	117	84.6		31.2	6				
8/9/2022									
8/10/2022			27.4			55.7	316	207	
8/11/2022									210
1/23/2023		85			24				
1/24/2023	117			29.4					
1/27/2023			28.5			55.4			
1/30/2023							286		
2/1/2023								216	174
8/8/2023	118	78.3	54.4	30.7	35.7	27.9			
8/13/2023							261	187	182
2/13/2024	116	83.6	20.6	38.8	31.1	55.4			
2/17/2024							199		175
2/18/2024								199	
8/5/2024	113	83.3		34.7					
8/6/2024			27		32.6	57.2			
8/8/2024							189		182
8/9/2024								183	
8/10/2024									
2/12/2025	125	86.6			21.5				
2/14/2025			24.4	51.5		52.1			
2/16/2025							176		
2/17/2025								158	142
2/18/2025									
8/5/2025	113	72.6	27.6	24.1	26.7	55.5			
8/8/2025							190	158	160
2/3/2026	129	86.8		37.2	27.5				
2/4/2026			27.5			58.1			
2/6/2026							248	177	146
2/7/2026									

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
5/19/2016					
5/20/2016					
5/23/2016	664				
5/24/2016		403			
7/11/2016					
7/12/2016	528	328			
8/30/2016					
9/1/2016	586	379			
10/19/2016					
10/20/2016					
10/24/2016	564				
10/25/2016		362			
12/6/2016					
12/7/2016	590				
12/8/2016		366			
1/24/2017					
1/26/2017	558	394			
3/21/2017					
3/22/2017					
3/23/2017	652	440			
5/22/2017					
5/23/2017					
5/24/2017	617				
5/25/2017		492			
10/3/2017					
10/4/2017	644	470			
6/4/2018					
6/5/2018		425			
6/6/2018	606				
10/1/2018					
10/2/2018					
10/3/2018	558	421			
4/1/2019					
4/2/2019					
4/4/2019					
4/5/2019	606	400			
9/23/2019					
9/24/2019	507				
9/25/2019		437			
3/25/2020					
3/26/2020					
3/30/2020	600				
3/31/2020		418			
6/16/2020					
9/15/2020		430			
9/16/2020			30	56	
9/17/2020					43.8
9/18/2020	623				
11/10/2020			33.6	63.3	
11/11/2020					44.4
12/15/2020			28.7	62.6	47.3
1/19/2021			33	60.1	

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
1/20/2021					41.8
2/10/2021		397			
3/10/2021			12.1 (D)		43.4
3/11/2021				59.6	
3/16/2021					
3/17/2021	572				
3/18/2021		407			
8/11/2021				61	
8/12/2021					43.6
8/13/2021			28.9		
8/18/2021	583				
8/19/2021		416			
2/1/2022			24.8	55.9	
2/7/2022					48.7
2/8/2022		418			
2/9/2022	571				
8/2/2022			20.9	54.1	
8/9/2022					44.1
8/10/2022		433			
8/11/2022	519				
1/23/2023					43.7
1/24/2023			13.2	56.6	
1/27/2023					
1/30/2023					
2/1/2023	464	288			
8/8/2023			8.1	52.8	40.7
8/13/2023	418	355			
2/13/2024			9.9	53.3	47.7
2/17/2024	418				
2/18/2024		347			
8/5/2024					
8/6/2024			7.1	57.2	44.8
8/8/2024					
8/9/2024		182			
8/10/2024	375				
2/12/2025			7.2	61.8	
2/14/2025					46.5
2/16/2025					
2/17/2025					
2/18/2025	341	109			
8/5/2025			6	55.2	42.8
8/8/2025	265	147			
2/3/2026			6.7	61.7	
2/4/2026					49.6
2/6/2026		222			
2/7/2026	307				

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-5 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-16	HGWC-15
5/19/2016	9.94	5.93	1.57	6.14	4.56				
5/20/2016						1.35			
5/23/2016							94	25.8	209
5/24/2016									
7/11/2016	6.3		2	5.9	5	1.7			
7/12/2016		6.2					100	34	190
8/30/2016	6	6.4	2	6.2	4.9	1.6			
9/1/2016							95	34	200
10/19/2016	5.8	6.5		6.1	4.6				
10/20/2016			2.2			1.6			
10/24/2016									200
10/25/2016							98	35	
12/6/2016	5.4	7.2		6	4.5				
12/7/2016							89	38	240
12/8/2016			2			1.6			
1/24/2017	5.2	6.4	1.6	6.1	4.7	1.9			
1/26/2017							99	41	260
3/21/2017	4.6	7.5	2	5.9	4.3	1.3			
3/22/2017							100	41	
3/23/2017									280
5/22/2017	4.6	6.5		5.9					
5/23/2017			1.7		4.5	1.2			
5/24/2017								44	240
5/25/2017							99		
10/3/2017	5.6	6.5	1.7	6.3	4.8	2.1			
10/4/2017							130	50	210
6/4/2018	13.1	6.3		6.1	4.5				
6/5/2018			1.6			1.2			
6/6/2018							166	50.6	196
10/1/2018	6.6	6.4		6.4	3.8				
10/2/2018			2.4			1.7			
10/3/2018							193	49.9	200
4/1/2019		6.5							
4/2/2019	20.3		1.7	5.8	4.4	1.6			
4/4/2019								76.8	138
4/5/2019							195		
9/23/2019	17.7	5.9		5.1					
9/24/2019			1.7		3.6	1.3			120
9/25/2019							139	84.4	
3/25/2020	20.4	6.1		5.2		1.2			
3/26/2020			1.4		3.4				142
3/30/2020								80.2	
3/31/2020							161		
6/16/2020	41.1	5.8							
9/15/2020	13.4	6	1.7	5	3.3	1.2			
9/16/2020							156		
9/17/2020								99.3	108
9/18/2020									
11/10/2020									
11/11/2020									
12/15/2020									
1/19/2021									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-5 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-16	HGWC-15
1/20/2021									
2/10/2021									
3/10/2021	7.4				2.9				
3/11/2021		5.9	1.4	5.1		1.2			
3/16/2021									103
3/17/2021								93.8	
3/18/2021							138		
8/11/2021	9.6								
8/12/2021		4.8	1.4	5.2	2.4	0.94 (J)			
8/13/2021									
8/18/2021							90.7		
8/19/2021								90.1	89.9
2/1/2022	7.5	5.7		7					
2/7/2022			1.4		2.4	1.1			
2/8/2022							117	96.4	76.6
2/9/2022									
8/2/2022	14.1	5.9		7.8	2.9				
8/9/2022									
8/10/2022			2.1			1.3	148	98.3	
8/11/2022									89.2
1/23/2023		5.6			1.6				
1/24/2023	9			7.1					
1/27/2023			1.6			1.4			
1/30/2023							154		
2/1/2023								112	85
8/8/2023	26	5.3	1.3	6.6	2.6	2.1			
8/13/2023							109	89.1	78.2
2/13/2024	10	5.3	1.8	6.3	1.4	1.4			
2/17/2024							81.7		70.2
2/18/2024								87.5	
8/5/2024	8.7	5.2		7.9					
8/6/2024			2.1		2.3	1.3			
8/8/2024							70.2		80.2
8/9/2024								74.8	
8/10/2024									
2/12/2025	4.8	5			1.4				
2/14/2025			1.4	8.5		0.98 (J)			
2/16/2025							77.7		
2/17/2025								87.8	62.8
2/18/2025									
8/5/2025	17.2	5.5	1.8	9.6	1.5	1.3			
8/8/2025							81.3	71.3	69.3
2/3/2026	6.9	5.5		8.2	1.6				
2/4/2026			2.1			1.3			
2/6/2026							80.5	61.3	43.6
2/7/2026									

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
5/19/2016					
5/20/2016					
5/23/2016	659				
5/24/2016		280			
7/11/2016					
7/12/2016	620	300			
8/30/2016					
9/1/2016	510	270			
10/19/2016					
10/20/2016					
10/24/2016	110				
10/25/2016		290			
12/6/2016					
12/7/2016	510				
12/8/2016		300			
1/24/2017					
1/26/2017	640	340			
3/21/2017					
3/22/2017					
3/23/2017	600	350			
5/22/2017					
5/23/2017					
5/24/2017	510				
5/25/2017		290			
10/3/2017					
10/4/2017	420	260			
6/4/2018					
6/5/2018		261			
6/6/2018	357				
10/1/2018					
10/2/2018					
10/3/2018	368	302			
4/1/2019					
4/2/2019					
4/4/2019					
4/5/2019	227	217			
9/23/2019					
9/24/2019	188				
9/25/2019		181			
3/25/2020					
3/26/2020					
3/30/2020	236				
3/31/2020		126			
6/16/2020					
9/15/2020		150			
9/16/2020			5.65 (D)	4.1	
9/17/2020					5.8
9/18/2020	288				
11/10/2020			7.8	4.4	
11/11/2020					3.1
12/15/2020			9.4	4.7	3.2
1/19/2021			9.5	4.1	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
1/20/2021					2.8
2/10/2021		93.4			
3/10/2021			12.3		3
3/11/2021				4.5	
3/16/2021					
3/17/2021	233				
3/18/2021		90.2			
8/11/2021				3.5	
8/12/2021					2.6
8/13/2021			39.9		
8/18/2021	141				
8/19/2021		95.8			
2/1/2022			44.8	4.1	
2/7/2022					3.1
2/8/2022		105			
2/9/2022	174				
8/2/2022			19.8	4.3	
8/9/2022					3.7
8/10/2022		95.2			
8/11/2022	147				
1/23/2023					3.3
1/24/2023			24.9	4.3	
1/27/2023					
1/30/2023					
2/1/2023	108	92.7			
8/8/2023			27	3.5	3.2
8/13/2023	95.8	104			
2/13/2024			27.7	3.9	4.1
2/17/2024	88.9				
2/18/2024		99			
8/5/2024					
8/6/2024			30.2	4	3.3
8/8/2024					
8/9/2024		53.7			
8/10/2024	84.9				
2/12/2025			30.7	3.8	
2/14/2025					3.1
2/16/2025					
2/17/2025					
2/18/2025	92	44.7			
8/5/2025			29.7	4	3.1
8/8/2025	65.1	50.7			
2/3/2026			29.1	4.2	
2/4/2026					3.2
2/6/2026		68.4			
2/7/2026	48.2				

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-5 (bg)	HGWA-3 (bg)	HGWA-6 (bg)	HGWC-14	HGWC-15	HGWC-17
5/19/2016	0.105 (J)	0.0303 (J)	0.036 (J)	0.08 (J)	0.0513 (J)				
5/20/2016						0.065 (J)			
5/23/2016							<0.1	<0.1	<0.1
5/24/2016									
7/11/2016	0.16 (J)	0.05 (J)	0.09 (J)	0.09 (J)		0.13 (J)			
7/12/2016					0.12 (J)		0.2 (J)	0.09 (J)	0.09 (J)
8/30/2016	0.09 (J)	0.06 (J)	0.06 (J)	0.08 (J)	0.09 (J)	0.07 (J)			
9/1/2016							0.08 (J)	0.22 (J)	0.03 (J)
10/19/2016	0.1 (J)	0.04 (J)	0.07 (J)		0.1 (J)				
10/20/2016				0.1 (J)		0.06 (J)			
10/24/2016							0.04 (J)	0.07 (J)	
10/25/2016									0.07 (J)
12/6/2016	0.11 (J)	0.36	0.07 (J)		0.21 (J)				
12/7/2016							0.11 (J)	0.23 (J)	0.54
12/8/2016				0.08 (J)		0.06 (J)			
1/24/2017	0.09 (J)	<0.1	<0.1	0.09 (J)	0.06 (J)	0.02 (J)			
1/26/2017							0.13 (J)	<0.1	<0.1
3/21/2017	0.13 (J)	<0.1	<0.1	0.04 (J)	0.005 (J)	0.08 (J)			
3/22/2017									0.07 (J)
3/23/2017							0.28 (J)	0.12 (J)	
5/22/2017	0.12 (J)	<0.1			0.05 (J)				
5/23/2017			0.01 (J)	0.04 (J)		0.006 (J)			
5/24/2017							0.32	0.31	
5/25/2017									0.42
10/3/2017	0.13 (J)	<0.1	<0.1	0.06 (J)	0.13 (J)	<0.1			
10/4/2017							0.52	0.6	0.93
4/2/2018	<0.1	<0.1	<0.1						
4/3/2018				<0.1	<0.1	<0.1		<0.1	<0.1
4/4/2018							<0.1		
6/4/2018	0.074 (J)	<0.1	0.097 (J)		<0.1				
6/5/2018				0.083 (J)		0.055 (J)			
6/6/2018							0.25 (J)	0.17 (J)	0.23 (J)
10/1/2018	<0.1	<0.1	<0.1		<0.1				
10/2/2018				<0.1		0.076 (J)			
10/3/2018							0.21 (J)	<0.1	<0.1
3/11/2019			0.035 (J)						
3/12/2019	0.29 (J)	0.038 (J)		0.079 (J)	0.072 (J)	0.061 (J)			
3/14/2019							0.24 (J)	<0.1	
3/15/2019									<0.1
4/1/2019					0.029 (J)				
4/2/2019	0.1 (J)	0.071 (J)	<0.1	0.12 (J)		<0.1			
4/4/2019								0.066 (J)	
4/5/2019							0.66		0.16 (J)
9/23/2019	0.078 (J)	<0.1			<0.1				
9/24/2019			<0.1	0.058 (J)		<0.1	0.053 (J)	0.12 (J)	
9/25/2019									0.081 (J)
3/2/2020	0.076 (J)	<0.1	<0.1	0.053 (J)	<0.1	<0.1			
3/3/2020							<0.1	0.064 (J)	<0.1
3/25/2020	0.098 (J)	<0.1			<0.1	<0.1			
3/26/2020			<0.1	0.066 (J)				<0.1	
3/30/2020							0.092 (J)		
3/31/2020									<0.1

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-5 (bg)	HGWA-3 (bg)	HGWA-6 (bg)	HGWC-14	HGWC-15	HGWC-17
6/16/2020	0.071 (J)				<0.1				
8/25/2020		<0.1			<0.1				
8/28/2020	0.08 (J)								
9/15/2020	0.082 (J)	<0.1	<0.1	0.061 (J)	<0.1	<0.1			
9/16/2020									0.058 (J)
9/17/2020								<0.1	
9/18/2020							<0.1		
11/10/2020									
11/11/2020									
12/15/2020									
1/19/2021									
1/20/2021									
2/8/2021	0.078 (J)		<0.1						
2/9/2021		<0.1		0.053 (J)	0.074 (J)	<0.1			
2/10/2021									
2/11/2021							0.059 (J)		0.058 (J)
2/12/2021								0.053 (J)	
3/10/2021	0.079 (J)		<0.1						
3/11/2021		0.1		0.06 (J)	<0.1	0.17			
3/16/2021								<0.1	
3/17/2021							0.076 (J)		
3/18/2021									0.057 (J)
8/11/2021	0.058 (J)								
8/12/2021		<0.1	<0.1	<0.1	<0.1	<0.1			
8/13/2021									
8/18/2021							<0.1		0.062 (J)
8/19/2021								<0.1	
2/1/2022	0.064 (J)	<0.1			<0.1				
2/7/2022			<0.1	<0.1		<0.1			
2/8/2022								<0.1	0.055 (J)
2/9/2022							0.053 (J)		
8/2/2022	0.09 (J)	0.053 (J)	0.076 (J)		0.067 (J)				
8/9/2022									
8/10/2022				0.078 (J)		0.067 (J)			0.086 (J)
8/11/2022							0.085 (J)	0.097 (J)	
1/23/2023			0.12		0.061 (J)				
1/24/2023	0.089 (J)	0.053 (J)							
1/27/2023				0.088 (J)		0.067 (J)			
1/30/2023									0.097 (J)
2/1/2023							0.094 (J)	0.086 (J)	
8/8/2023	0.088 (J)	0.07 (J)	0.11	0.059 (J)	0.055 (J)	0.072 (J)			
8/13/2023							0.1	0.12	0.081 (J)
2/13/2024	0.071 (J)	0.17	0.13	0.059 (J)	<0.1	0.065 (J)			
2/17/2024							0.065 (J)	0.064 (J)	0.057 (J)
2/18/2024									
8/5/2024	0.11	0.12			0.077 (J)				
8/6/2024			0.19	0.098 (J)		0.08 (J)			
8/8/2024								0.08 (J)	0.066 (J)
8/9/2024									
8/10/2024							0.19		
2/12/2025	0.1		0.16		0.073 (J)				
2/14/2025		0.1		<0.1		<0.1			

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-5 (bg)	HGWA-3 (bg)	HGWA-6 (bg)	HGWC-14	HGWC-15	HGWC-17
2/16/2025									0.05 (J)
2/17/2025								0.052 (J)	
2/18/2025							0.055 (J)		
8/5/2025	0.055 (J)	<0.1	0.12	0.054 (J)	<0.1	0.064 (J)			
8/8/2025							0.08 (J)	0.12	0.083 (J)
2/3/2026	0.089 (J)	0.13	0.18		0.066 (J)				
2/4/2026				0.092 (J)		0.08 (J)			
2/6/2026								0.065 (J)	0.066 (J)
2/7/2026							0.052 (J)		

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-16	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
5/19/2016					
5/20/2016					
5/23/2016	0.038 (J)				
5/24/2016		<0.1			
7/11/2016					
7/12/2016	0.26 (J)	0.54			
8/30/2016					
9/1/2016	0.42	0.49			
10/19/2016					
10/20/2016					
10/24/2016					
10/25/2016	0.25 (J)	0.58			
12/6/2016					
12/7/2016	0.23 (J)				
12/8/2016		0.63			
1/24/2017					
1/26/2017	0.02 (J)	0.71			
3/21/2017					
3/22/2017	0.3				
3/23/2017		0.57			
5/22/2017					
5/23/2017					
5/24/2017	0.46				
5/25/2017		0.54			
10/3/2017					
10/4/2017	<0.1	0.95			
4/2/2018					
4/3/2018	<0.1	0.33			
4/4/2018					
6/4/2018					
6/5/2018		0.66			
6/6/2018	<0.1				
10/1/2018					
10/2/2018					
10/3/2018	<0.1	0.32			
3/11/2019					
3/12/2019					
3/14/2019		0.88			
3/15/2019	<0.1				
4/1/2019					
4/2/2019					
4/4/2019	<0.1				
4/5/2019		0.37			
9/23/2019					
9/24/2019					
9/25/2019	<0.1	0.73			
3/2/2020					
3/3/2020	<0.1	0.34			
3/25/2020					
3/26/2020					
3/30/2020	0.059 (J)				
3/31/2020		0.45			

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-16	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
6/16/2020					
8/25/2020					
8/28/2020					
9/15/2020		0.31			
9/16/2020			0.37 (D)	0.22	
9/17/2020	<0.1				0.2
9/18/2020					
11/10/2020			0.59	0.19	
11/11/2020					0.1
12/15/2020			0.67	0.21	0.11
1/19/2021			0.74	0.16	
1/20/2021					0.082 (J)
2/8/2021					0.096 (J)
2/9/2021			0.44	0.19	
2/10/2021	0.21				
2/11/2021		0.71			
2/12/2021					
3/10/2021			0.65		0.11
3/11/2021				0.2	
3/16/2021					
3/17/2021	<0.1				
3/18/2021		0.64			
8/11/2021				0.15	
8/12/2021					0.079 (J)
8/13/2021			0.87		
8/18/2021					
8/19/2021	<0.1	0.31			
2/1/2022			0.96	0.19	
2/7/2022					0.085 (J)
2/8/2022	<0.1	0.19			
2/9/2022					
8/2/2022			0.8	0.22	
8/9/2022					0.12
8/10/2022	0.054 (J)	0.3			
8/11/2022					
1/23/2023					0.11
1/24/2023			1.3	0.23	
1/27/2023					
1/30/2023					
2/1/2023	0.053 (J)	0.21			
8/8/2023			1.3	0.18	0.1
8/13/2023	0.053 (J)	0.25			
2/13/2024			1.5	0.2	0.087 (J)
2/17/2024					
2/18/2024	<0.1	0.17			
8/5/2024					
8/6/2024			1.3	0.21	0.12
8/8/2024					
8/9/2024	0.052 (J)	0.28			
8/10/2024					
2/12/2025			1.1	0.21	
2/14/2025					0.073 (J)

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-16	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
2/16/2025					
2/17/2025	<0.1				
2/18/2025		0.067 (J)			
8/5/2025			0.87	0.16	0.11
8/8/2025	0.051 (J)	0.2			
2/3/2026			0.95	0.18	
2/4/2026					0.13
2/6/2026	0.052 (J)	0.092 (J)			
2/7/2026					

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

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-5 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-14	HGWC-16	HGWC-17
5/19/2016	7.27	6.62	7.45	5.81	6.51				
5/20/2016						7.58			
5/23/2016							4.56	7.15	6.4
5/24/2016									
7/11/2016	7.06	6.54		5.68	6.65	7.32			
7/12/2016			7.32				4.49	7.1	6.09
8/30/2016	7.28	6.38	7.43	5.63	7.14	7.69			
9/1/2016							4.54	7.29	6.35
10/19/2016	7.02		7.03	5.46	7.08				
10/20/2016		6.52				7.43			
10/24/2016							4.63		
10/25/2016								7.03	6.23
12/6/2016	7.09		7.08	5.38	7				
12/7/2016							4.6	6.85	6.23
12/8/2016		6.5				7.56			
1/24/2017	7.2	6.59	7.39	5.37	6.16	7.52			
1/26/2017							4.8	7.07	6.24
3/21/2017	7.01	6.55	6.83	4.9	6.07	7.4			
3/22/2017								7.15	6.25
3/23/2017							4.57		
5/22/2017	7.11		7.02	5.2					
5/23/2017		6.5			6.28	7.53			
5/24/2017							4.61	7.11	
5/25/2017									6.27
10/3/2017	7.21	6.63	7.47	5.3	6.45	7.51			
10/4/2017							4.74	7.17	6.18
4/2/2018	7.1			5.4	6.23				
4/3/2018		6.59	7.38			7.53		7.07	6.22
4/4/2018							4.5		
6/4/2018	7.06		7.38	5.27	6.82				
6/5/2018		6.44				7.37			
6/6/2018							4.49	7	6.22
10/1/2018	7.09		7.13	5.31	5.73				
10/2/2018		6.35				7.36			
10/3/2018							4.67	6.94	6.23
3/11/2019					6.27				
3/12/2019	7.03	6.42	7.29	5.42		7.5			
3/14/2019							4.66		
3/15/2019								7.09	6.32
4/1/2019			7.16						
4/2/2019	6.86	6.38		5.41	6.66	7.46			
4/4/2019								6.95	
4/5/2019							4.67		6.26
9/23/2019	7.02		7.3	5.33					
9/24/2019		6.4			6.16	7.41	4.77		
9/25/2019								6.92	6.28
9/30/2019	7		7.37	5.35					
3/2/2020	7.1	6.8	7.12	5.43	5.63	7.67			
3/3/2020							4.77	7.1	6.35
3/25/2020	6.95		7.4	5.36		7.39			
3/26/2020		6.38			5.77				
3/30/2020							4.57	7.09	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-5 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-14	HGWC-16	HGWC-17
3/31/2020									6.28
6/16/2020	6.97		7.31						
8/25/2020			7.14	5.15					
8/28/2020	7.02								
9/15/2020	7.15	6.33	7.29	5.22	5.75	7.37			
9/16/2020									6.35
9/17/2020								7.11	
9/18/2020							4.88		
11/10/2020									
11/11/2020									
12/15/2020									
1/19/2021									
1/20/2021									
2/8/2021	7.11				4.94				
2/9/2021		6.35	7.23	5.42		7.4			
2/10/2021								7.08	
2/11/2021							4.84		6.31
2/12/2021									
3/10/2021	6.95				5.28				
3/11/2021		6.48	7.33	5.8		7.56			
3/16/2021									
3/17/2021							4.72	7.19	
3/18/2021									6.43
8/11/2021	6.98								
8/12/2021		6.462679	7.31	5.05	5.26	7.47			
8/13/2021									
8/18/2021							4.9		6.43
8/19/2021								7.04	
2/1/2022	7.19		7.45	5.24					
2/7/2022		6.51			5.24	7.65			
2/8/2022								7.18	6.42
2/9/2022							4.97		
8/2/2022	7.03		7.02	4.57	4.86				
8/9/2022									
8/10/2022		6.22				7.53		7.09	6.29
8/11/2022							4.93		
1/23/2023			7.32		5.62				
1/24/2023	6.76			5.22					
1/27/2023		6.52				7.66			
1/30/2023									6.44
2/1/2023							4.93	7.15	
8/8/2023	7.05	6.5	7.42	5.01	6.03	7.6			
8/13/2023							4.83	7.13	6.46
2/13/2024	7.06	6.66	7.35	5.49	5.98	7.59			
2/17/2024							5.05		6.54
2/18/2024								7.12	
8/5/2024	7.29		7.27	4.91					
8/6/2024		6.4			6.14	7.56			
8/8/2024									6.9
8/9/2024								7.32	
8/10/2024							4.88		
2/12/2025	7.08		7.37		5.69				

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-5 (bg)	HGWA-3 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-14	HGWC-16	HGWC-17
2/14/2025		6.52	7.45	5.75	5.94	7.6			
2/16/2025									6.47
2/17/2025								7.36	
2/18/2025							4.81		
8/5/2025	6.94	6.42	7.12	4.9	5.58	7.47			
8/8/2025							4.65	7.11	6.42
2/3/2026	7.07		7.33	5.66	5.55				
2/4/2026		6.47				7.69			
2/6/2026								7.15	6.44
2/7/2026							4.92		

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-18	HGWA-43D (bg)	HGWA-44D (bg)	HGWA-42D (bg)
5/19/2016					
5/20/2016					
5/23/2016	6.17				
5/24/2016		4.83			
7/11/2016					
7/12/2016	6.17	4.58			
8/30/2016					
9/1/2016	6.22	4.51			
10/19/2016					
10/20/2016					
10/24/2016	5.97				
10/25/2016		4.53			
12/6/2016					
12/7/2016	5.87				
12/8/2016		4.56			
1/24/2017					
1/26/2017	6.05	4.61			
3/21/2017					
3/22/2017					
3/23/2017	5.79	4.63			
5/22/2017					
5/23/2017					
5/24/2017	6.01				
5/25/2017		4.69			
10/3/2017					
10/4/2017	5.82	4.58			
4/2/2018					
4/3/2018	5.98	4.54			
4/4/2018					
6/4/2018					
6/5/2018		4.57			
6/6/2018	6.12				
10/1/2018					
10/2/2018					
10/3/2018	5.92	4.41			
3/11/2019					
3/12/2019					
3/14/2019	5.71	4.39			
3/15/2019					
4/1/2019					
4/2/2019					
4/4/2019	5.66				
4/5/2019		4.5			
9/23/2019					
9/24/2019	6.33				
9/25/2019		4.54			
9/30/2019					
3/2/2020					
3/3/2020	6	4.55			
3/25/2020					
3/26/2020	6.03				
3/30/2020					

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-18	HGWA-43D (bg)	HGWA-44D (bg)	HGWA-42D (bg)
3/31/2020		4.43			
6/16/2020					
8/25/2020					
8/28/2020					
9/15/2020		4.47			
9/16/2020			7.52	7.83	
9/17/2020	6.11				7.62
9/18/2020					
11/10/2020			7.27	7.84	
11/11/2020					7.68
12/15/2020			7.39	7.87	7.64
1/19/2021			7.39	7.86	
1/20/2021					7.68
2/8/2021					7.64
2/9/2021			7.44	7.84	
2/10/2021		4.55			
2/11/2021		4.53			
2/12/2021	5.99				
3/10/2021				7.92	7.7
3/11/2021			7.46		
3/16/2021	6.08				
3/17/2021					
3/18/2021		4.54			
8/11/2021			7.4		
8/12/2021					7.7
8/13/2021				7.77	
8/18/2021					
8/19/2021	6.18	4.43			
2/1/2022			7.52	8.25	
2/7/2022					7.85
2/8/2022	6.04	4.59			
2/9/2022					
8/2/2022			7.15	7.9	
8/9/2022					7.58
8/10/2022		4.41			
8/11/2022	6.29				
1/23/2023					7.55
1/24/2023			7.56	8.22	
1/27/2023					
1/30/2023					
2/1/2023	6.22	4.66			
8/8/2023			7.39	8.2	7.72
8/13/2023	6.66	4.75			
2/13/2024			7.47	8.1	7.68
2/17/2024	6.56				
2/18/2024		4.73			
8/5/2024					
8/6/2024			7.46	8.36	7.64
8/8/2024	6.6				
8/9/2024		4.95			
8/10/2024					
2/12/2025			7.5	8.49	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	HGWC-18	HGWA-43D (bg)	HGWA-44D (bg)	HGWA-42D (bg)
2/14/2025					7.79
2/16/2025					
2/17/2025	6.53				
2/18/2025		5			
8/5/2025			7.42	8.46	7.42
8/8/2025	6.59	4.72			
2/3/2026			7.41	8.6	
2/4/2026					7.86
2/6/2026	6.14	4.9			
2/7/2026					

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-5 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-16	HGWC-15
5/19/2016	66.9	42.3	25	48.6	1.22				
5/20/2016						34.4			
5/23/2016							395	203	424
5/24/2016									
7/11/2016	41		27	45	3.7	34			
7/12/2016		44					460	220	440
8/30/2016	36	40	23	42	6.8	36			
9/1/2016							430	220	440
10/19/2016	46	43		44	11				
10/20/2016			19			36			
10/24/2016									420
10/25/2016							440	230	
12/6/2016	59	43		44	13				
12/7/2016							410	220	450
12/8/2016			20			36			
1/24/2017	46	48	20	46	5.7	37			
1/26/2017							440	250	490
3/21/2017	63	45	23	46	1.7	37			
3/22/2017							460	240	
3/23/2017									530
5/22/2017	77	46		48					
5/23/2017			21		1.5	38			
5/24/2017								230	500
5/25/2017							430		
10/3/2017	42	48	21	47	1.3	38			
10/4/2017							490	220	560
6/4/2018	71.8	46.6		47.8	4.9				
6/5/2018			22.9			38			
6/6/2018							520	233	469
10/1/2018	49.1	48.6		48.1	0.59 (J)				
10/2/2018			20.3			38.5			
10/3/2018							651	215	600
4/1/2019		50.4							
4/2/2019	84.3		23.8	48.7	4.9	35.5			
4/4/2019								251	528
4/5/2019							642		
9/23/2019	70.2	43.9		47.2					
9/24/2019			20.7		<1	35.4			382
9/25/2019							434	223	
3/25/2020	85.9	50.5		46.3		35.1			
3/26/2020			21.6		<1				438
3/30/2020								223	
3/31/2020							484		
6/16/2020	88.2	49.5							
9/15/2020	47.3	44.7	21.2	51.5	<1	35.3			
9/16/2020							467		
9/17/2020								254	416
9/18/2020									
11/10/2020									
11/11/2020									
12/15/2020									
1/19/2021									

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-3 (bg)	HGWA-5 (bg)	HGWA-2 (bg)	HGWA-4 (bg)	HGWA-6 (bg)	HGWC-17	HGWC-16	HGWC-15
1/20/2021									
2/10/2021									
3/10/2021	49.6				1.2				
3/11/2021		50.4	22.7	52.9		35.5			
3/16/2021									379
3/17/2021								250	
3/18/2021							447		
8/11/2021	48.9								
8/12/2021		38.6	17.4	47.4	1.1	28.6			
8/13/2021									
8/18/2021							280		
8/19/2021								228	223
2/1/2022	43.7	46		67.1					
2/7/2022			20.6		2.9	33			
2/8/2022							364	238	360
2/9/2022									
8/2/2022	58.1	43.5		86.9	4.9				
8/9/2022									
8/10/2022			19.7			34	423	206	
8/11/2022									365
1/23/2023		39.5			42.5				
1/24/2023	48.3			79.7					
1/27/2023			22.7			35			
1/30/2023							451		
2/1/2023								257	341
8/8/2023	67.7	35	32.7	89.9	16.8	18.8			
8/13/2023							351	214	281
2/13/2024	50.4	35.5	21.8	93.9	64.6	35.3			
2/17/2024							260		305
2/18/2024								220	
8/5/2024	49.4	31.1		87.2					
8/6/2024			17.4		28.1	33.5			
8/8/2024							238		286
8/9/2024								190	
8/10/2024									
2/12/2025	43.8	28			35.2				
2/14/2025			18.2	94.5		30.8			
2/16/2025							224		
2/17/2025								200	277
2/18/2025									
8/5/2025	57.6	24.9	19.1	74	46.3	33.4			
8/8/2025							271	185	255
2/3/2026	42.1	25.5		61.8	53.3				
2/4/2026			17			33.1			
2/6/2026							351	190	260
2/7/2026									

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
5/19/2016					
5/20/2016					
5/23/2016	1070				
5/24/2016		834			
7/11/2016					
7/12/2016	1300	930			
8/30/2016					
9/1/2016	1300	890			
10/19/2016					
10/20/2016					
10/24/2016	280				
10/25/2016		950			
12/6/2016					
12/7/2016	1300				
12/8/2016		910			
1/24/2017					
1/26/2017	1400	970			
3/21/2017					
3/22/2017					
3/23/2017	1500	980			
5/22/2017					
5/23/2017					
5/24/2017	1400				
5/25/2017		920			
10/3/2017					
10/4/2017	1400	870			
6/4/2018					
6/5/2018		962			
6/6/2018	1520				
10/1/2018					
10/2/2018					
10/3/2018	1550	1170			
4/1/2019					
4/2/2019					
4/4/2019					
4/5/2019	1520	1030			
9/23/2019					
9/24/2019	1110				
9/25/2019		920			
3/25/2020					
3/26/2020					
3/30/2020	1150				
3/31/2020		934			
6/16/2020					
9/15/2020		1080			
9/16/2020			24.95 (D)	43	
9/17/2020					10.9
9/18/2020	1260				
11/10/2020			6.3	39	
11/11/2020					9.4
12/15/2020			6.7	38.8	10.9
1/19/2021			7.4	37.3	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-18	HGWA-44D (bg)	HGWA-43D (bg)	HGWA-42D (bg)
1/20/2021					9.8
2/10/2021		1040			
3/10/2021			<1		10.8
3/11/2021				38.6	
3/16/2021					
3/17/2021	1300				
3/18/2021		1050			
8/11/2021				30.5	
8/12/2021					7.8
8/13/2021			56.1		
8/18/2021	768				
8/19/2021		934			
2/1/2022			56.3	37.5	
2/7/2022					10.4
2/8/2022		960			
2/9/2022	1190				
8/2/2022			13.2	37	
8/9/2022					11.2
8/10/2022		946			
8/11/2022	1200				
1/23/2023					11.1
1/24/2023			10.1	34.7	
1/27/2023					
1/30/2023					
2/1/2023	1060	776			
8/8/2023			1.3	25.6	10.5
8/13/2023	935	895			
2/13/2024			2	28.9	17.1
2/17/2024	898				
2/18/2024		755			
8/5/2024					
8/6/2024			0.86 (J)	25.5	11.5
8/8/2024					
8/9/2024		413			
8/10/2024	854				
2/12/2025			0.51 (J)	25.2	
2/14/2025					11.6
2/16/2025					
2/17/2025					
2/18/2025	790	289			
8/5/2025			0.85 (J)	22.4	10.8
8/8/2025	683	350			
2/3/2026			0.58 (J)	21.8	
2/4/2026					10.9
2/6/2026		471			
2/7/2026	597				

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-5 (bg)	HGWA-4 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-6 (bg)	HGWC-16	HGWC-14	HGWC-15
5/19/2016	421	168	165	143	267				
5/20/2016						223			
5/23/2016							570	4130	1270
5/24/2016									
7/11/2016	363	158	266	125		225			
7/12/2016					249		585	3140	1100
8/30/2016	330	141	292	168	254	232			
9/1/2016							625	3200	1180
10/19/2016	380		338	176	357				
10/20/2016		99				225			
10/24/2016								2920	1090
10/25/2016							563		
12/6/2016	377		356	145	285				
12/7/2016							561	2740	1040
12/8/2016		116				235			
1/24/2017	342	156	131	129	300	272			
1/26/2017							608	3080	1260
3/21/2017	340	144	132	103	288	222			
3/22/2017							599		
3/23/2017								3060	1360
5/22/2017	338			92	263				
5/23/2017		134	183			231			
5/24/2017							598	3140	1320
5/25/2017									
10/3/2017	343	147	161	127	300	243			
10/4/2017							626	3210	1340
6/4/2018	415		240	140	266				
6/5/2018		152				235			
6/6/2018							678	2620	1120
10/1/2018	354		106	135	291				
10/2/2018		146				228			
10/3/2018							700	2430	1140
4/1/2019					284				
4/2/2019	452	144	230	133		238			
4/4/2019							704		926
4/5/2019								2310	
9/23/2019	442			129	268				
9/24/2019		133	131			222		2470	1105 (D)
9/25/2019							813		
3/25/2020	496			138	284	240			
3/26/2020		104	69						1000
3/30/2020							787	2590	
3/31/2020									
6/16/2020	632				448				
9/15/2020	265	116	93	124	258	217			
9/16/2020									
9/17/2020							804		956
9/18/2020								2440	
11/10/2020									
11/11/2020									
12/15/2020									
1/19/2021									

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWA-1 (bg)	HGWA-5 (bg)	HGWA-4 (bg)	HGWA-2 (bg)	HGWA-3 (bg)	HGWA-6 (bg)	HGWC-16	HGWC-14	HGWC-15
1/20/2021									
3/10/2021	348		53						
3/11/2021		118		169	267	215			
3/16/2021									92
3/17/2021							768	1640	
3/18/2021									
8/11/2021	366								
8/12/2021		158	55	118	265	229			
8/13/2021									
8/18/2021								2350	
8/19/2021							816		958
2/1/2022	270			156	350				
2/7/2022		135	54			224			
2/8/2022							852		866
2/9/2022								2310	
8/2/2022	400		48	196	287				
8/9/2022									
8/10/2022		134				217	894		
8/11/2022								1060	940
1/23/2023			128		293				
1/24/2023	369			164					
1/27/2023		182				229			
1/30/2023									
2/1/2023							1030	1950	892
8/8/2023	457	225	141	189	285	125			
8/13/2023							861	1960	881
2/13/2024	402	155	176	214	284	240			
2/17/2024								1720	830
2/18/2024							755		
8/5/2024	444			217	304				
8/6/2024		141	159			247			
8/8/2024									890
8/9/2024							766		
8/10/2024								1780	
2/12/2025	374		128		267				
2/14/2025		126		242		225			
2/16/2025									
2/17/2025							768		764
2/18/2025								1600	
8/5/2025	416	143	156	160	265	237			
8/8/2025							728	1350	810
2/3/2026	388		142	179	277				
2/4/2026		130				236			
2/6/2026							658		642
2/7/2026								1150	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	HGWA-43D (bg)	HGWA-44D (bg)	HGWA-42D (bg)
5/19/2016					
5/20/2016					
5/23/2016	1010				
5/24/2016		1900			
7/11/2016					
7/12/2016	976	1950			
8/30/2016					
9/1/2016	1060	2000			
10/19/2016					
10/20/2016					
10/24/2016					
10/25/2016	<25	1870			
12/6/2016					
12/7/2016	866				
12/8/2016		1930			
1/24/2017					
1/26/2017	1000	1950			
3/21/2017					
3/22/2017	1080				
3/23/2017		2080			
5/22/2017					
5/23/2017					
5/24/2017					
5/25/2017	1080	1970			
10/3/2017					
10/4/2017	1210	2200			
6/4/2018					
6/5/2018		1880			
6/6/2018	1180				
10/1/2018					
10/2/2018					
10/3/2018	1250	2180			
4/1/2019					
4/2/2019					
4/4/2019					
4/5/2019	1260	1610			
9/23/2019					
9/24/2019					
9/25/2019	1280	1955 (D)			
3/25/2020					
3/26/2020					
3/30/2020					
3/31/2020	1310	1860			
6/16/2020					
9/15/2020		1890			
9/16/2020	1220		272	270	
9/17/2020					188
9/18/2020					
11/10/2020			307	287	
11/11/2020					175
12/15/2020			289	295	193
1/19/2021			270	278	

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

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 4/8/2026 9:50 AM View: Appendix III

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	HGWA-43D (bg)	HGWA-44D (bg)	HGWA-42D (bg)
1/20/2021					158
3/10/2021				289	163
3/11/2021			279		
3/16/2021					
3/17/2021					
3/18/2021	1020	1390			
8/11/2021			277		
8/12/2021					179
8/13/2021				436	
8/18/2021	1290				
8/19/2021		1750			
2/1/2022			156	444	
2/7/2022					190
2/8/2022	1160	1770			
2/9/2022					
8/2/2022			278	311	
8/9/2022					182
8/10/2022	1390	1890			
8/11/2022					
1/23/2023					168
1/24/2023			271	363	
1/27/2023					
1/30/2023	1320				
2/1/2023		1430			
8/8/2023			274	361	175
8/13/2023	1180	1700			
2/13/2024			291	379	212
2/17/2024	815				
2/18/2024		1360			
8/5/2024					
8/6/2024			283	380	191
8/8/2024	768				
8/9/2024		864			
8/10/2024					
2/12/2025			273	363	
2/14/2025					192
2/16/2025	670				
2/17/2025					
2/18/2025		598			
8/5/2025			282	370	182
8/8/2025	880	710			
2/3/2026			278	377	
2/4/2026					183
2/6/2026	968	936			
2/7/2026					

FIGURE E.

Appendix III Trend Tests - Prediction Limits Exceedances - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:54 AM

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-14	-1.222	-227	-118	Yes	26	0	n/a	0.01	NP
Boron (mg/L)	HGWC-16	0.1118	152	118	Yes	26	0	n/a	0.01	NP
Boron (mg/L)	HGWC-18	-0.5426	-171	-118	Yes	26	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-4 (bg)	-4.939	-130	-118	Yes	26	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-14	-26.03	-182	-118	Yes	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWC-16	7.086	155	118	Yes	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-4 (bg)	-0.3766	-262	-118	Yes	26	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-14	-56.4	-258	-118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWC-16	7.655	191	118	Yes	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWC-18	-29.64	-247	-124	Yes	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-6 (bg)	-0.3408	-135	-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-14	-60.2	-133	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	HGWC-15	-23.2	-182	-118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-2 (bg)	6.233	122	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-14	-191.2	-245	-118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-15	-50.54	-211	-118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-16	34.89	176	118	Yes	26	0	n/a	0.01	NP
TDS (mg/L)	HGWC-18	-87.37	-185	-118	Yes	26	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limits Exceedances - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:54 AM

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-4 (bg)	0.001001	91	118	No	26	3.846	n/a	0.01	NP
Boron (mg/L)	HGWA-5 (bg)	0.0008797	108	118	No	26	19.23	n/a	0.01	NP
Boron (mg/L)	HGWA-6 (bg)	-0.0001122	-14	-111	No	25	4	n/a	0.01	NP
Boron (mg/L)	HGWA-42D (bg)	0.0004537	9	48	No	14	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-14**	**-1.222**	**-227**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWC-15	-0.03789	-73	-118	No	26	0	n/a	0.01	NP
Boron (mg/L)	**HGWC-16**	**0.1118**	**152**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	HGWC-17	0	3	118	No	26	0	n/a	0.01	NP
Boron (mg/L)	**HGWC-18**	**-0.5426**	**-171**	**-118**	**Yes**	**26**	**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-4 (bg)**	**-4.939**	**-130**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWA-5 (bg)	-0.1259	-36	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWA-6 (bg)	0.445	102	118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWA-42D (bg)	0.351	17	53	No	15	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-14**	**-26.03**	**-182**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWC-15	-5.111	-118	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	**HGWC-16**	**7.086**	**155**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	HGWC-17	-1.738	-16	-118	No	26	0	n/a	0.01	NP
Calcium (mg/L)	HGWC-18	-12.47	-98	-124	No	27	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-4 (bg)**	**-0.3766**	**-262**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	HGWA-5 (bg)	-0.0188	-42	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-6 (bg)	-0.03463	-85	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	HGWA-42D (bg)	0	7	53	No	15	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-14**	**-56.4**	**-258**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**HGWC-16**	**7.655**	**191**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	HGWC-17	-1.589	-35	-118	No	26	0	n/a	0.01	NP
Chloride (mg/L)	**HGWC-18**	**-29.64**	**-247**	**-124**	**Yes**	**27**	**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-4 (bg)	1.968	87	118	No	26	11.54	n/a	0.01	NP
Sulfate (mg/L)	HGWA-5 (bg)	-0.3473	-94	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	**HGWA-6 (bg)**	**-0.3408**	**-135**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWA-42D (bg)	0.1679	35	53	No	15	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-14**	**-60.2**	**-133**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**HGWC-15**	**-23.2**	**-182**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	HGWC-16	-2.317	-59	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	HGWC-17	-16.02	-109	-118	No	26	0	n/a	0.01	NP
Sulfate (mg/L)	HGWC-18	-21.53	-81	-124	No	27	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limits Exceedances - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:54 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
TDS (mg/L)	HGWA-1 (bg)	4.627	71	124	No	27	0	n/a	0.01	NP
TDS (mg/L)	**HGWA-2 (bg)**	**6.233**	**122**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	HGWA-3 (bg)	0.2436	14	124	No	27	0	n/a	0.01	NP
TDS (mg/L)	HGWA-4 (bg)	-13.21	-107	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-5 (bg)	-0.4382	-18	-118	No	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-6 (bg)	0	5	118	No	26	0	n/a	0.01	NP
TDS (mg/L)	HGWA-42D (bg)	1.901	23	53	No	15	0	n/a	0.01	NP
TDS (mg/L)	HGWA-43D (bg)	0.223	2	53	No	15	0	n/a	0.01	NP
TDS (mg/L)	HGWA-44D (bg)	18.82	52	53	No	15	0	n/a	0.01	NP
TDS (mg/L)	**HGWC-14**	**-191.2**	**-245**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**HGWC-15**	**-50.54**	**-211**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	**HGWC-16**	**34.89**	**176**	**118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	HGWC-17	16.37	35	118	No	26	3.846	n/a	0.01	NP
TDS (mg/L)	**HGWC-18**	**-87.37**	**-185**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**

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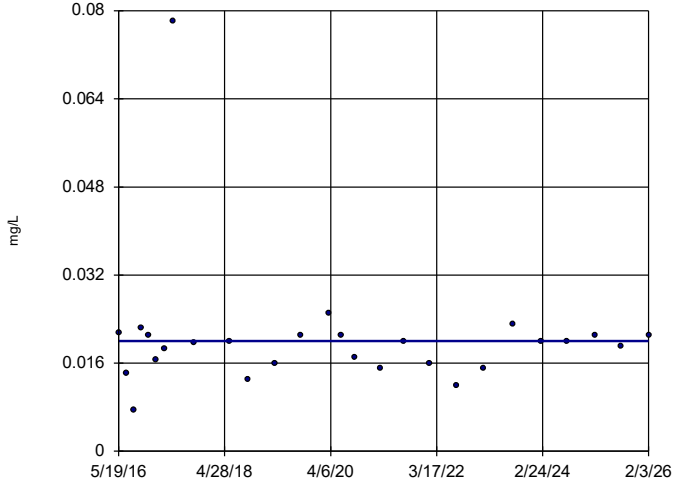
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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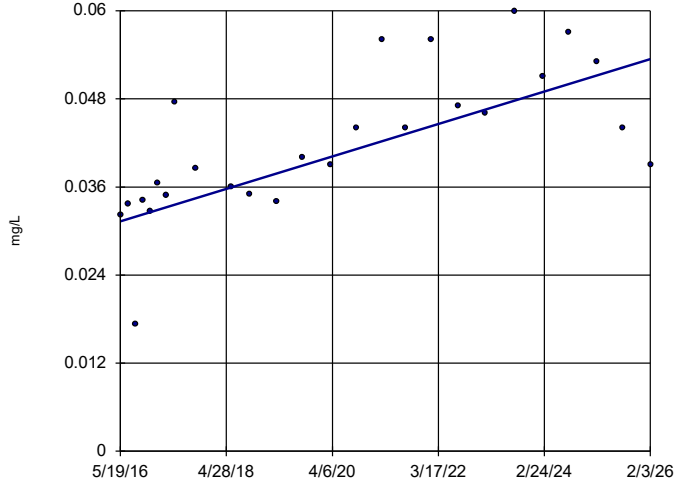
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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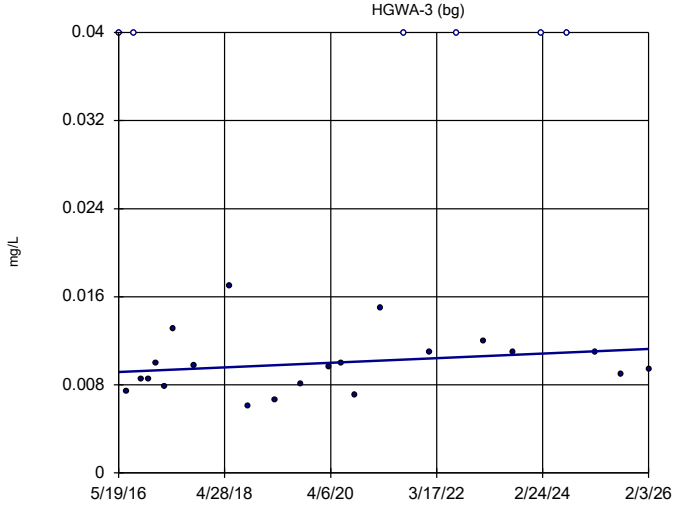
Hollow symbols indicate censored values.

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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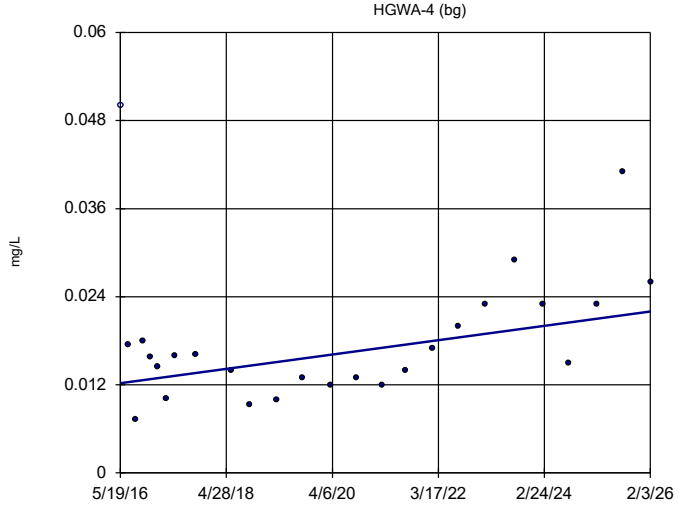
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-4 (bg)



n = 26

Slope = 0.001001 units per year.

Mann-Kendall statistic = 91 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

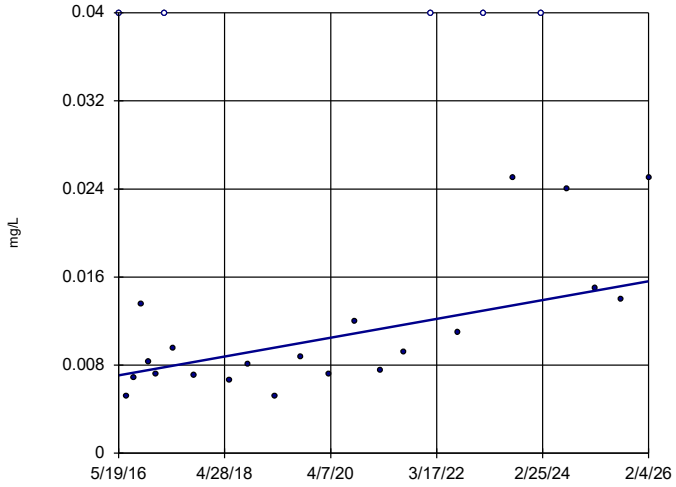
Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-5 (bg)



n = 26

Slope = 0.0008797 units per year.

Mann-Kendall statistic = 108
critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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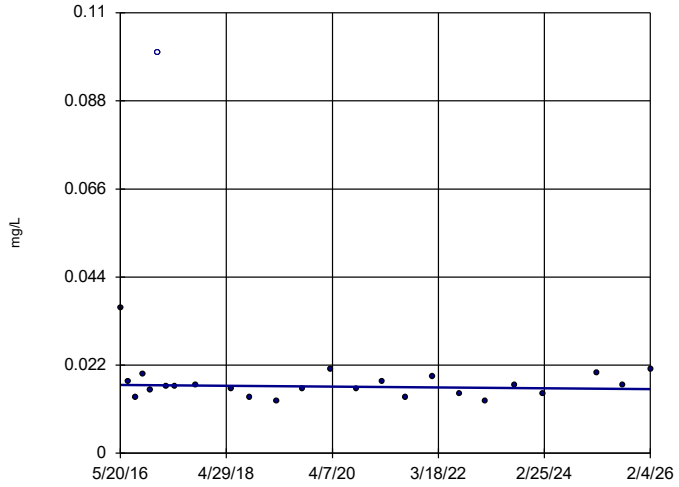
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-6 (bg)



n = 25

Slope = -0.0001122 units per year.

Mann-Kendall statistic = -14
critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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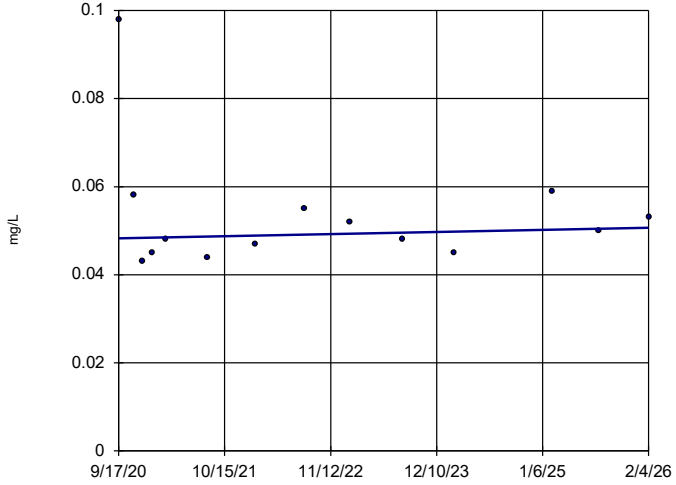
Sen's Slope Estimator

HGWA-42D (bg)



n = 14

Slope = 0.0004537 units per year.

Mann-Kendall statistic = 9
critical = 48

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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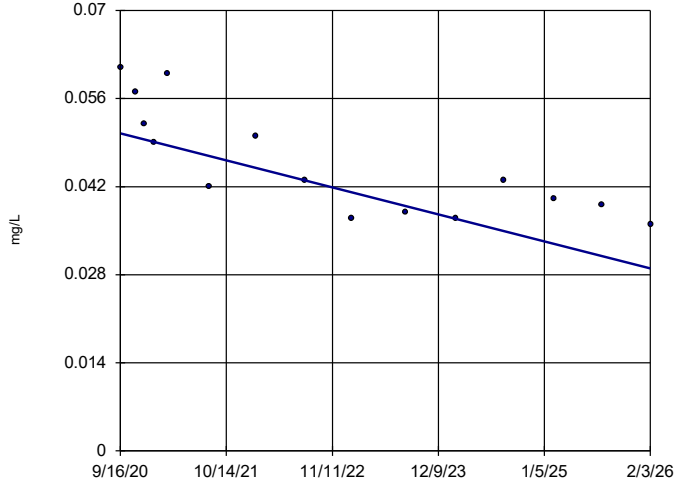
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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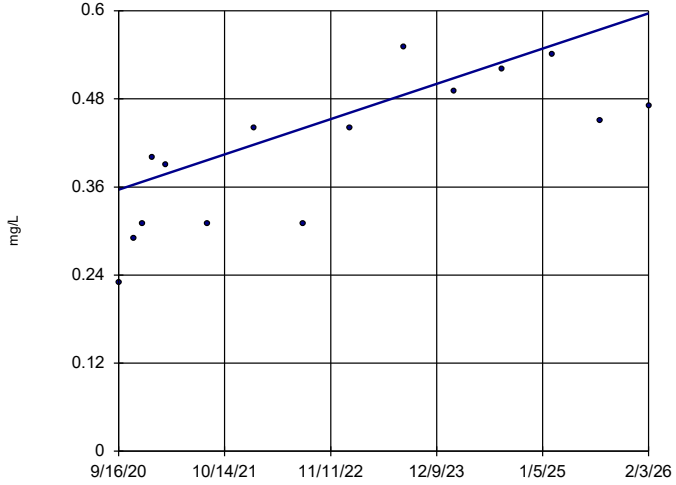
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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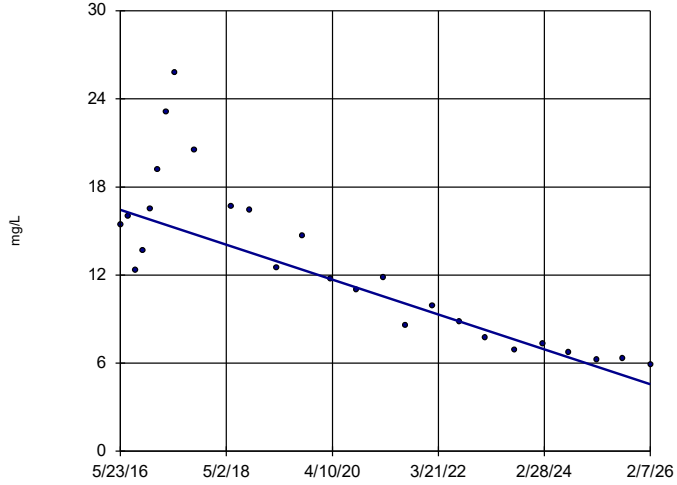
Sen's Slope Estimator

HGWC-14



n = 26

Slope = -1.222 units per year.

Mann-Kendall statistic = -227 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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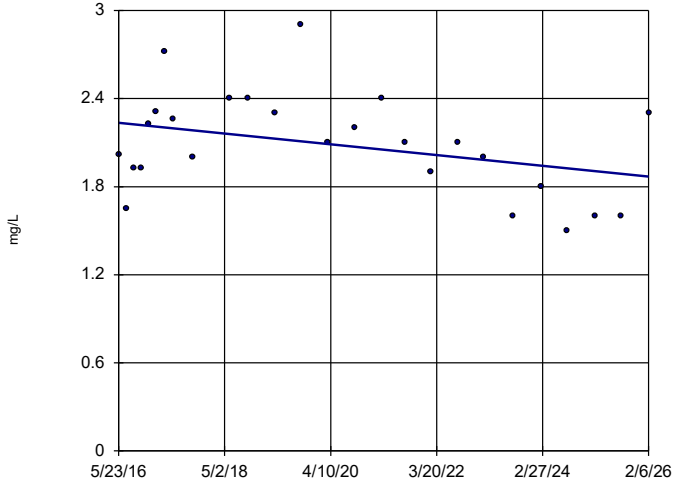
Sen's Slope Estimator

HGWC-15



n = 26

Slope = -0.03789 units per year.

Mann-Kendall statistic = -73 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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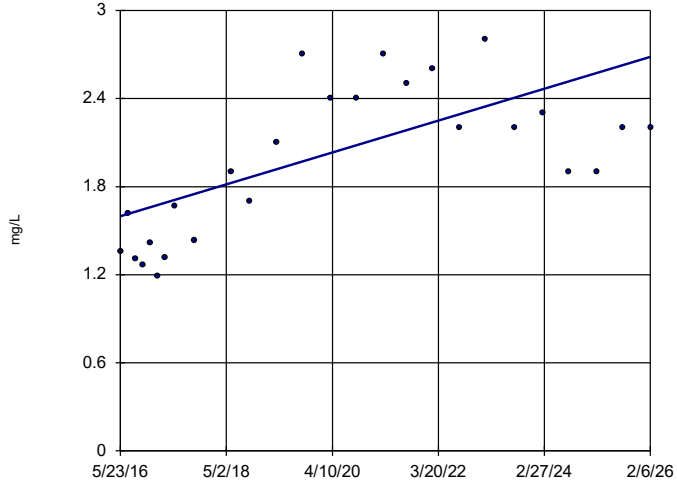
Sen's Slope Estimator

HGWC-16



n = 26

Slope = 0.1118 units per year.

Mann-Kendall statistic = 152 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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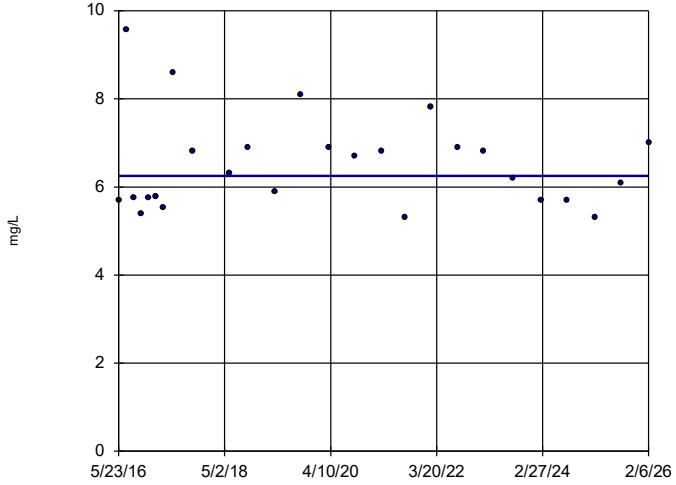
Sen's Slope Estimator

HGWC-17



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 3 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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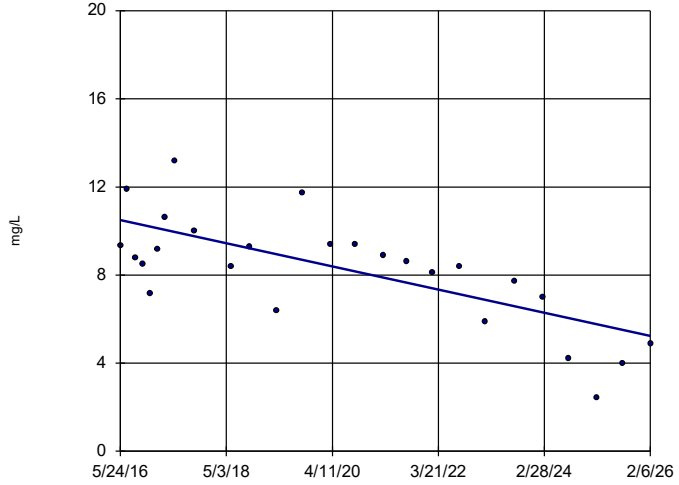
Sen's Slope Estimator

HGWC-18



n = 26

Slope = -0.5426 units per year.

Mann-Kendall statistic = -171 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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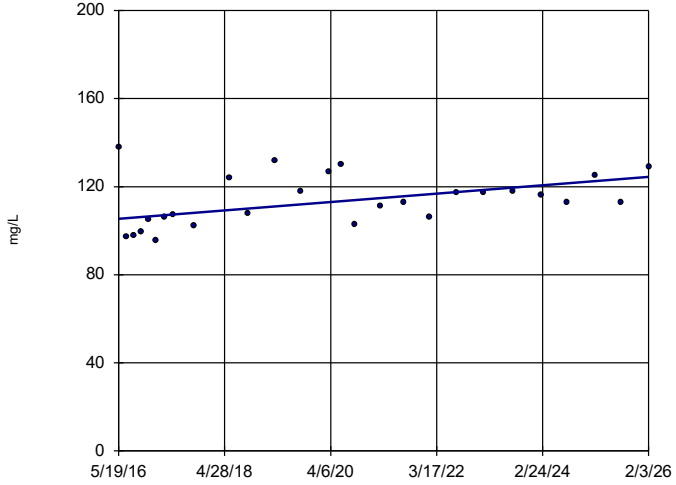
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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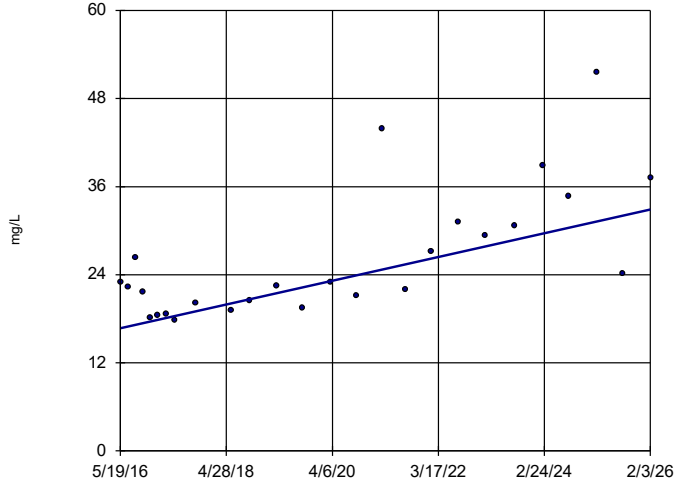
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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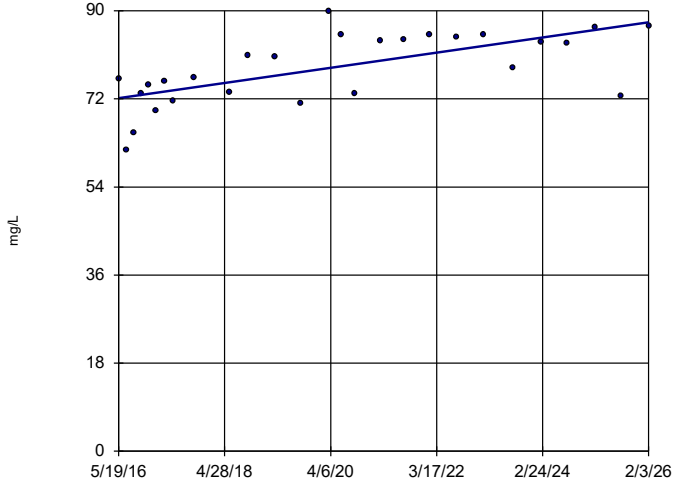
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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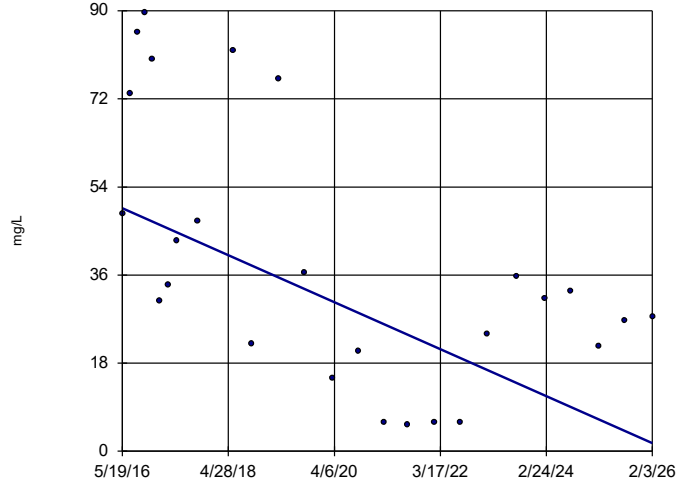
Sen's Slope Estimator

HGWA-4 (bg)



n = 26

Slope = -4.939 units per year.

Mann-Kendall statistic = -130 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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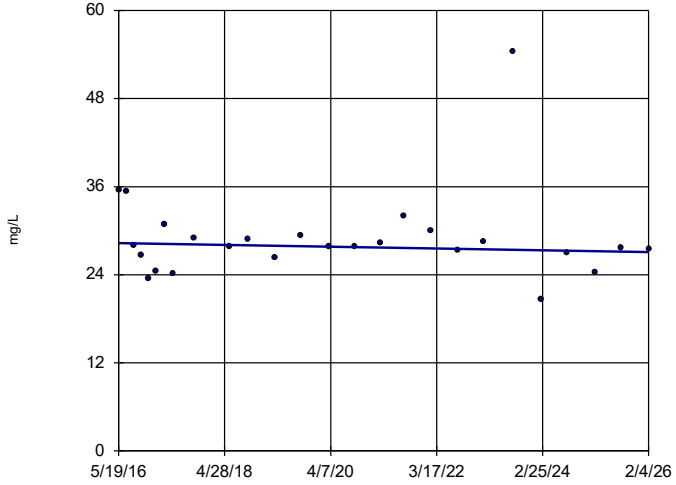
Sen's Slope Estimator

HGWA-5 (bg)



n = 26

Slope = -0.1259 units per year.

Mann-Kendall statistic = -36 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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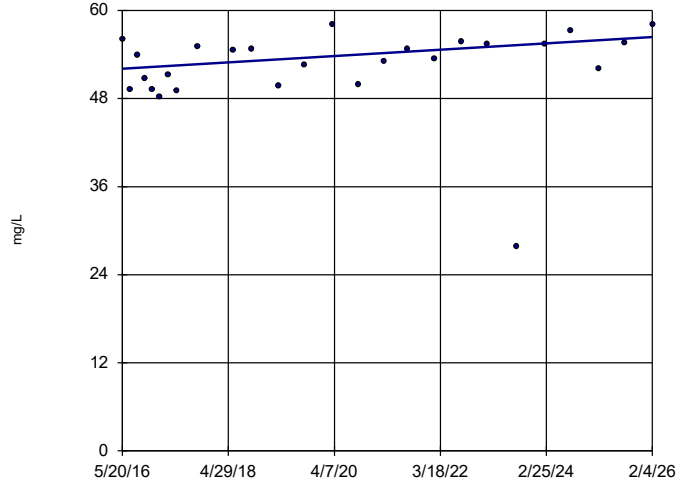
Sen's Slope Estimator

HGWA-6 (bg)



n = 26

Slope = 0.445 units per year.

Mann-Kendall statistic = 102 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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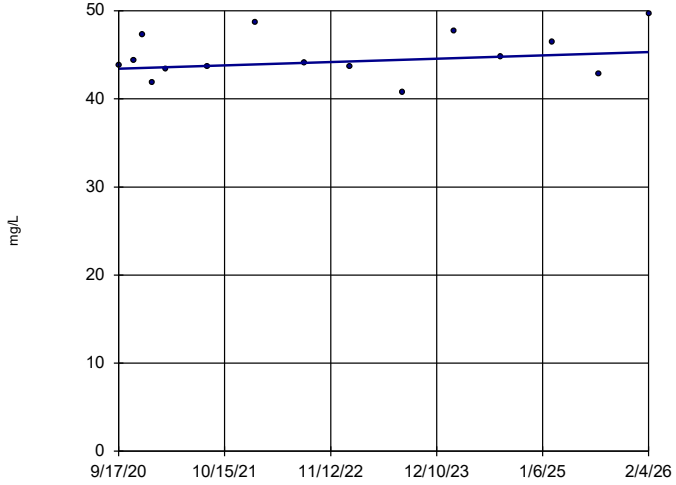
Sen's Slope Estimator

HGWA-42D (bg)



n = 15

Slope = 0.351 units per year.

Mann-Kendall statistic = 17 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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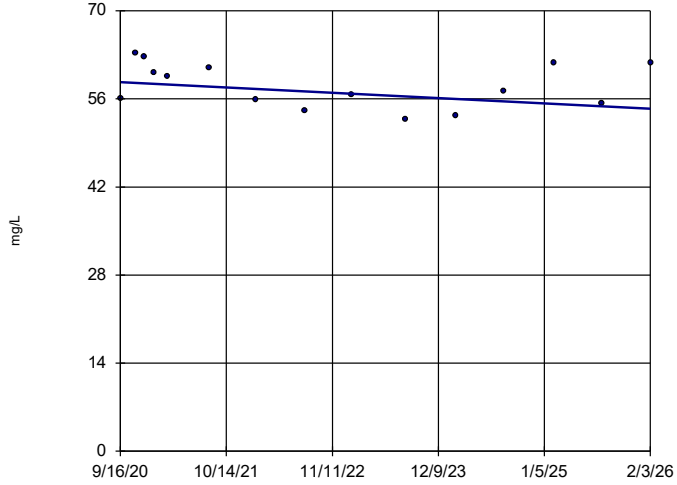
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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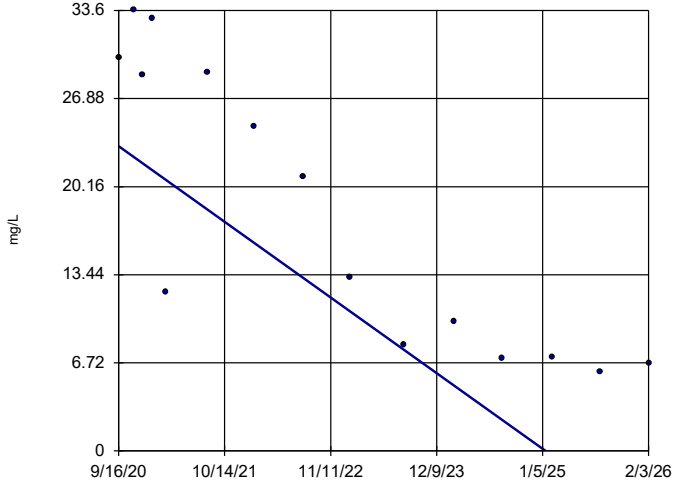
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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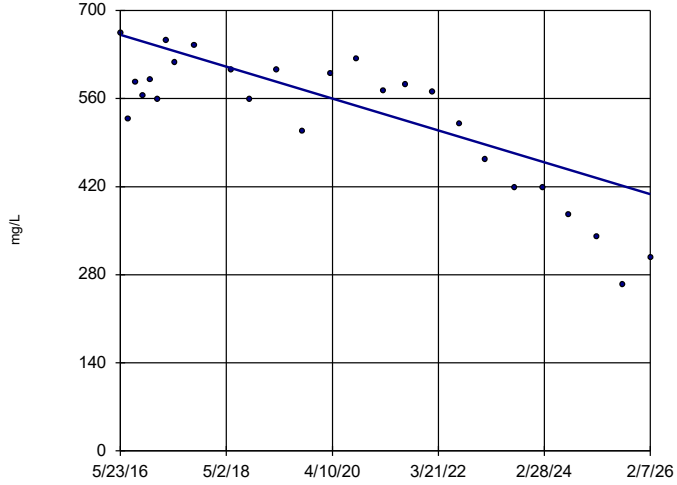
Sen's Slope Estimator

HGWC-14



n = 26

Slope = -26.03 units per year.

Mann-Kendall statistic = -182 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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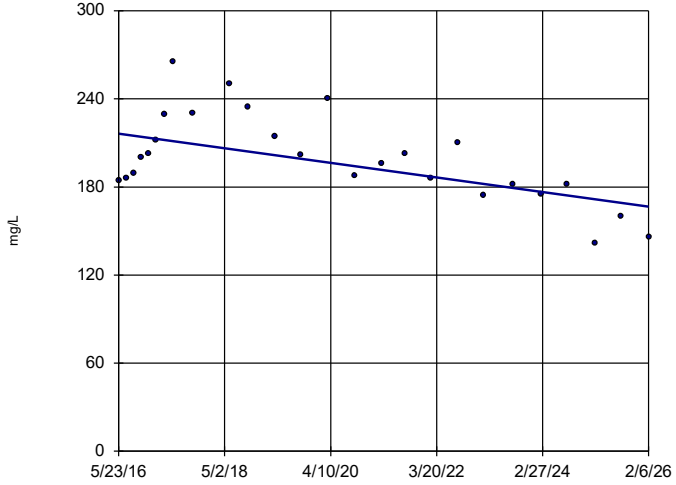
Sen's Slope Estimator

HGWC-15



n = 26

Slope = -5.111 units per year.

Mann-Kendall statistic = -118 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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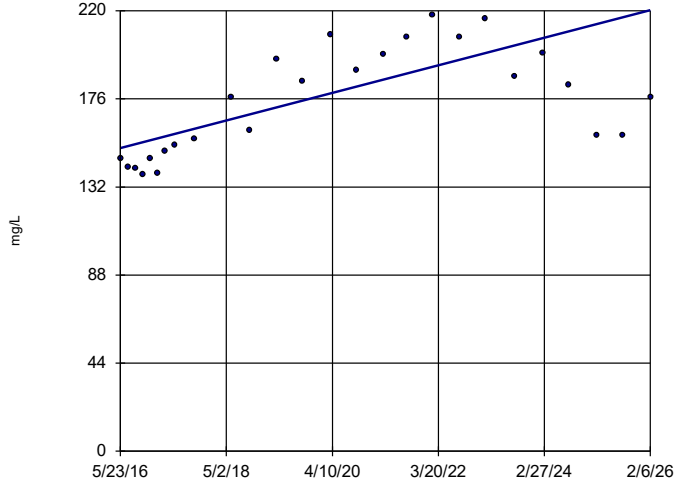
Sen's Slope Estimator

HGWC-16



n = 26

Slope = 7.086 units per year.

Mann-Kendall statistic = 155 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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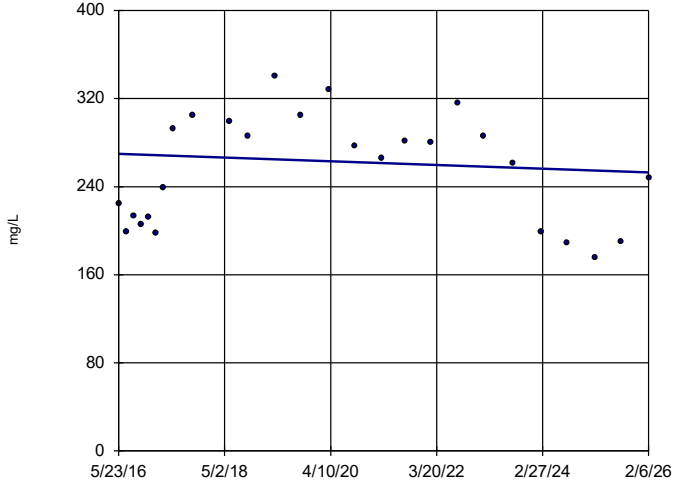
Sen's Slope Estimator

HGWC-17



n = 26

Slope = -1.738 units per year.

Mann-Kendall statistic = -16 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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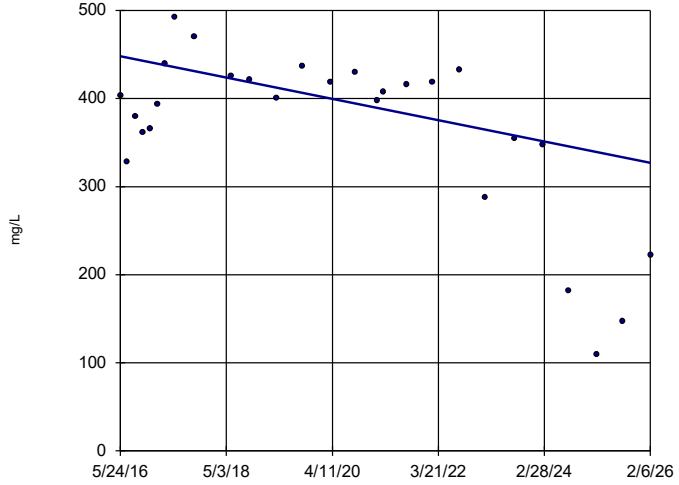
Sen's Slope Estimator

HGWC-18



n = 27

Slope = -12.47 units per year.

Mann-Kendall statistic = -98 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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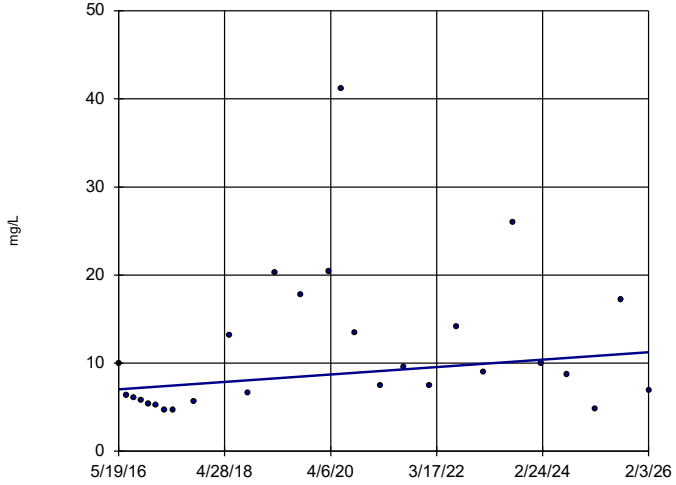
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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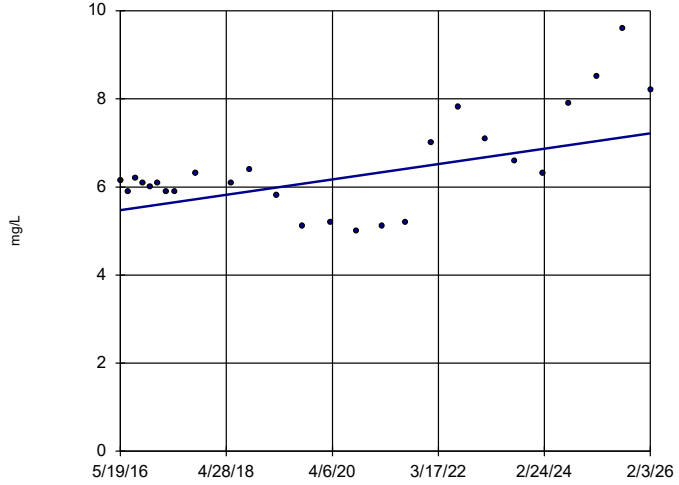
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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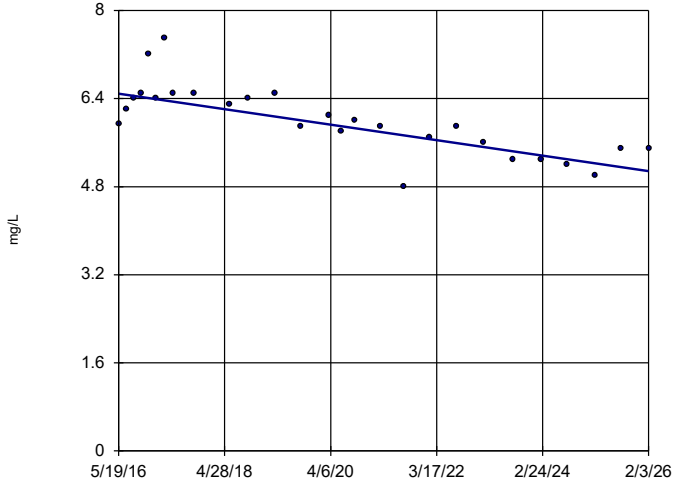
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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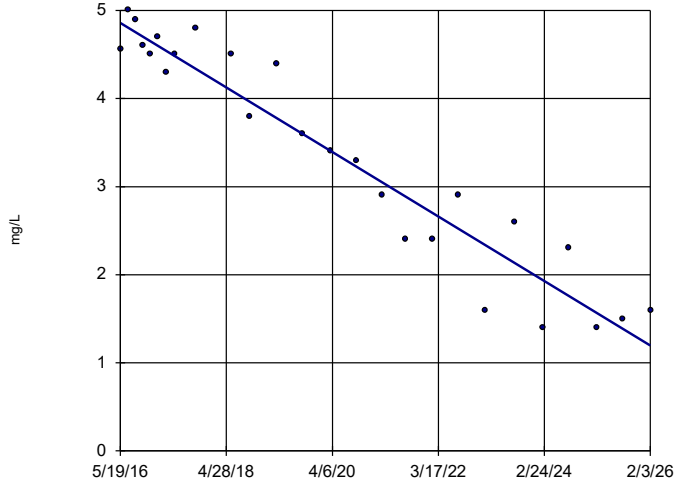
Sen's Slope Estimator

HGWA-4 (bg)



n = 26

Slope = -0.3766 units per year.

Mann-Kendall statistic = -262 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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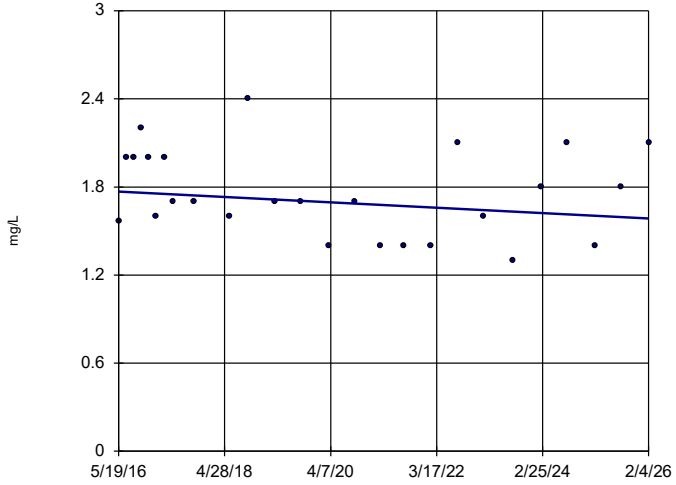
Sen's Slope Estimator

HGWA-5 (bg)



n = 26

Slope = -0.0188 units per year.

Mann-Kendall statistic = -42 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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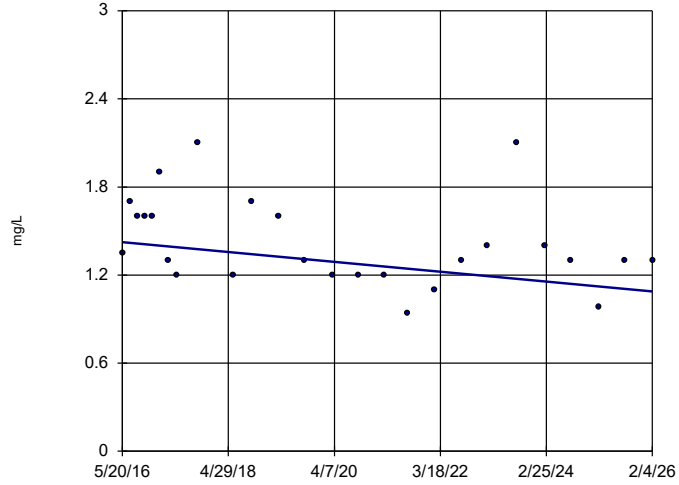
Sen's Slope Estimator

HGWA-6 (bg)



n = 26

Slope = -0.03463 units per year.

Mann-Kendall statistic = -85 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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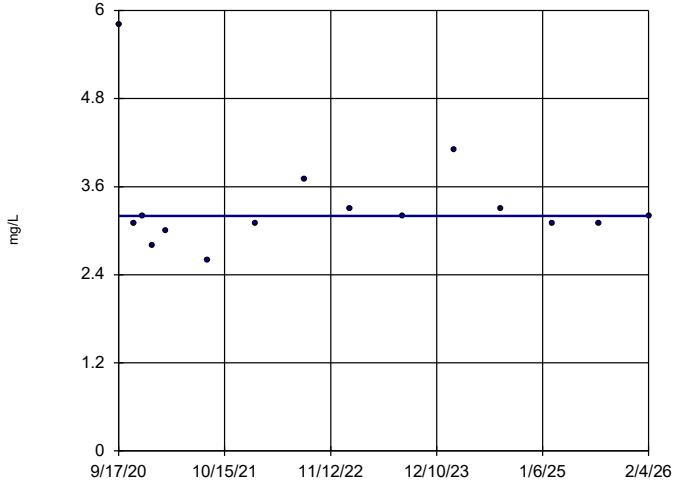
Sen's Slope Estimator

HGWA-42D (bg)



n = 15

Slope = 0 units per year.

Mann-Kendall statistic = 7 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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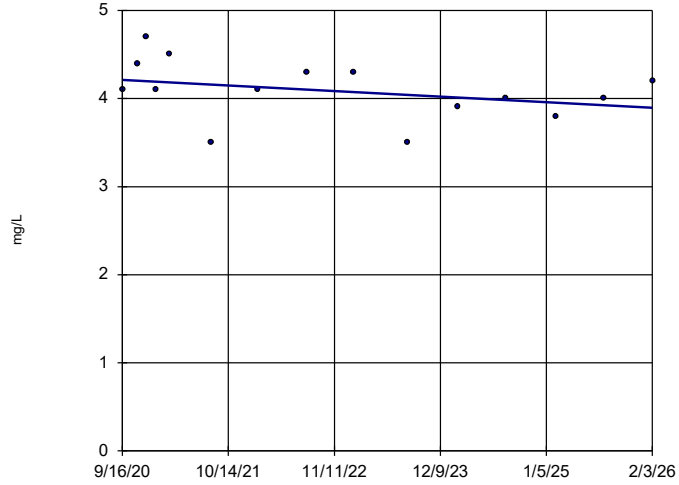
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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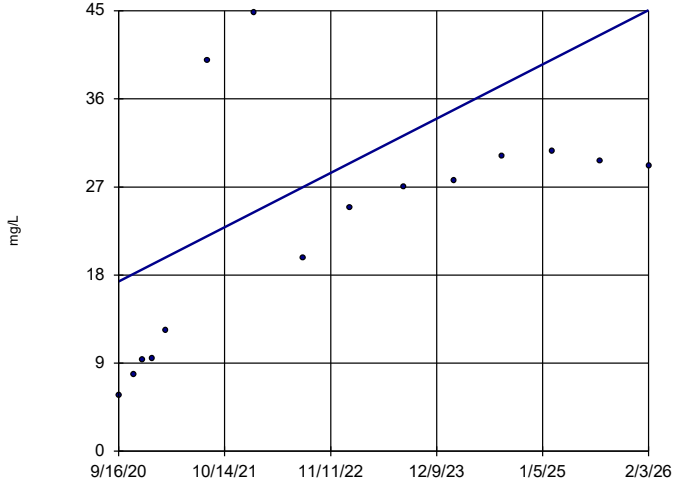
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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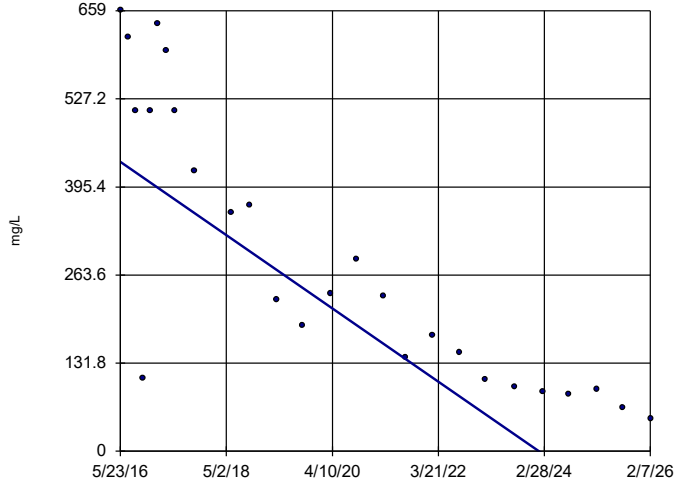
Sen's Slope Estimator

HGWC-14



n = 26

Slope = -56.4 units per year.

Mann-Kendall statistic = -258 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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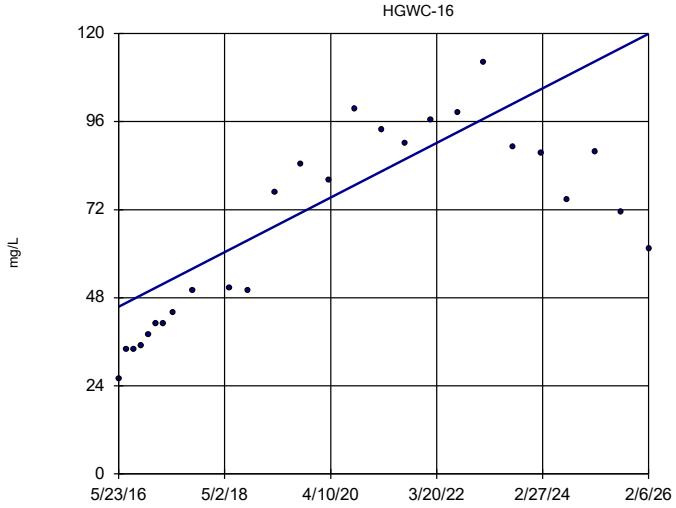
Sen's Slope Estimator

HGWC-16



n = 26

Slope = 7.655 units per year.

Mann-Kendall statistic = 191 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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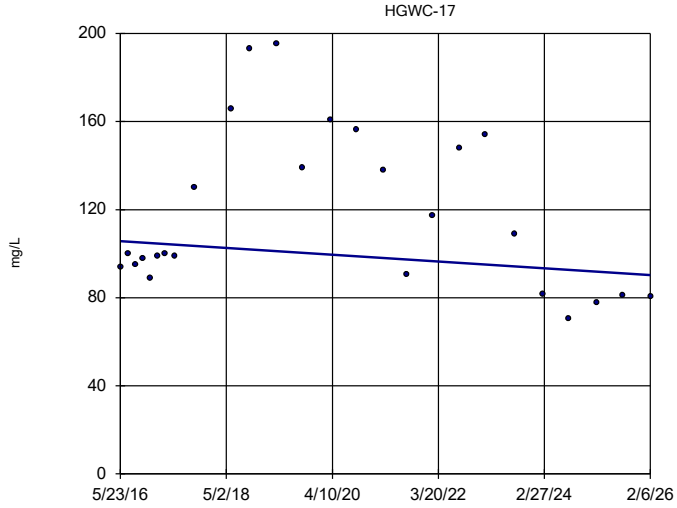
Sen's Slope Estimator

HGWC-17



n = 26

Slope = -1.589 units per year.

Mann-Kendall statistic = -35 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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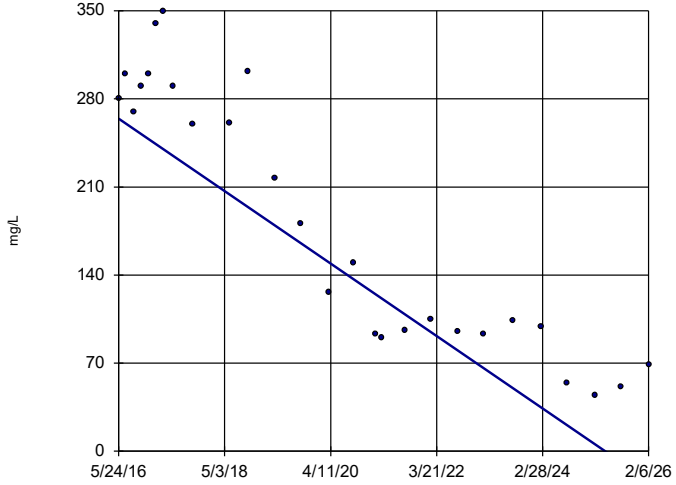
Sen's Slope Estimator

HGWC-18



n = 27

Slope = -29.64 units per year.

Mann-Kendall statistic = -247 critical = -124

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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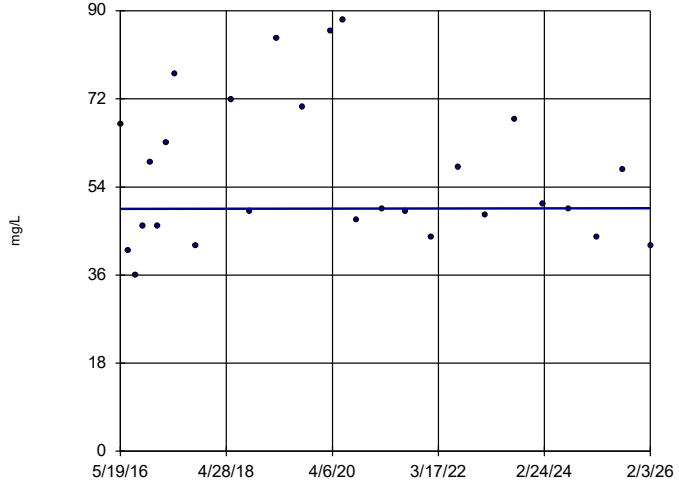
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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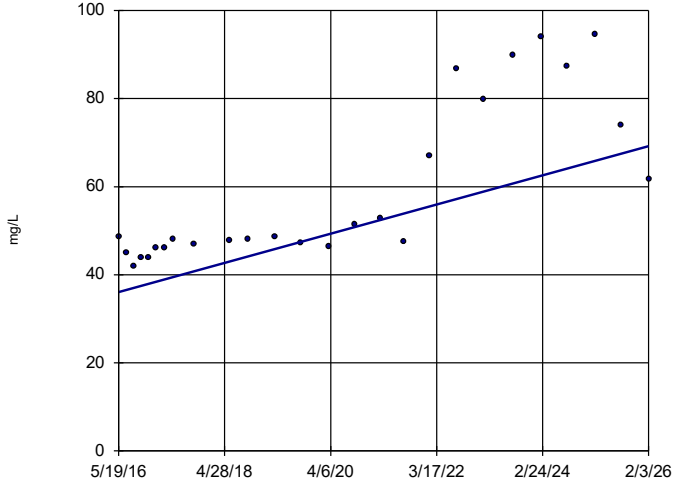
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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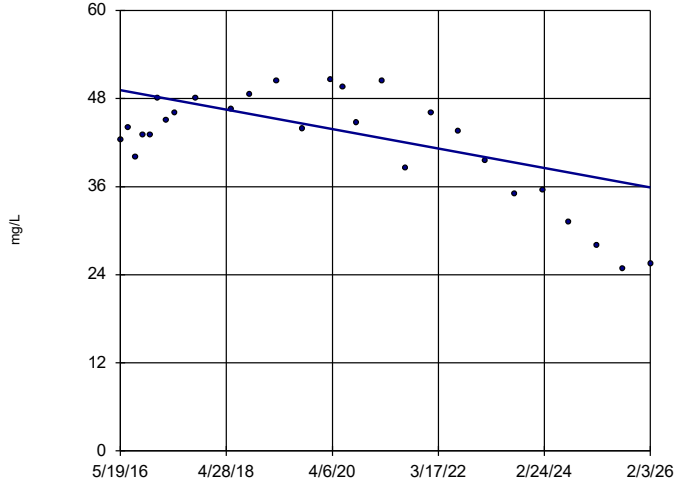
Sen's Slope Estimator

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 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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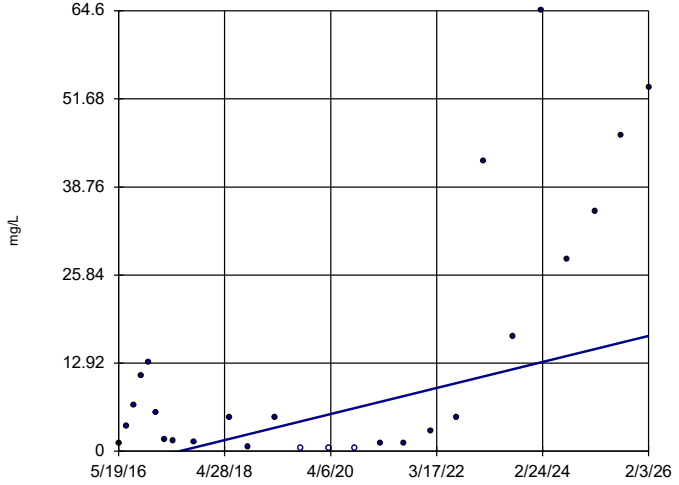
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-4 (bg)



n = 26

Slope = 1.968 units per year.

Mann-Kendall statistic = 87 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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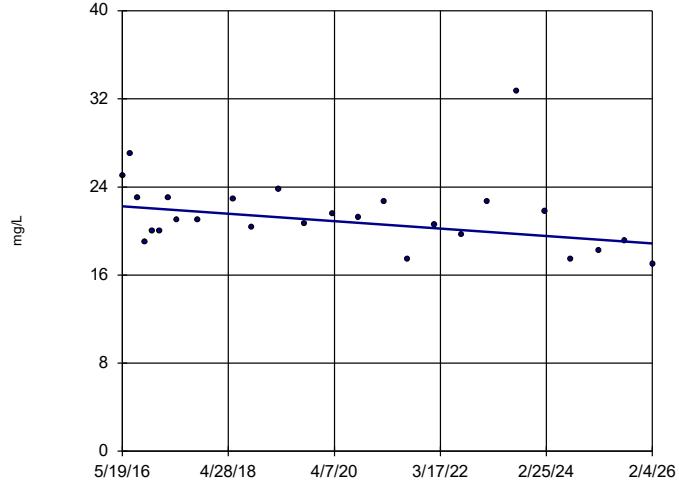
Sen's Slope Estimator

HGWA-5 (bg)



n = 26

Slope = -0.3473 units per year.

Mann-Kendall statistic = -94 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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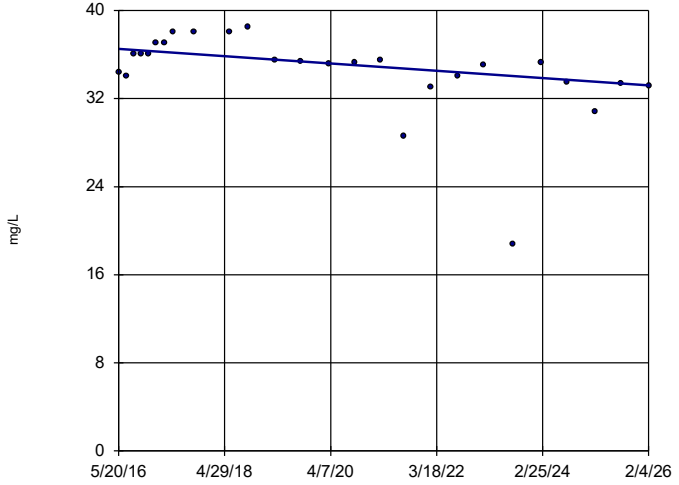
Sen's Slope Estimator

HGWA-6 (bg)



n = 26

Slope = -0.3408 units per year.

Mann-Kendall statistic = -135 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:52 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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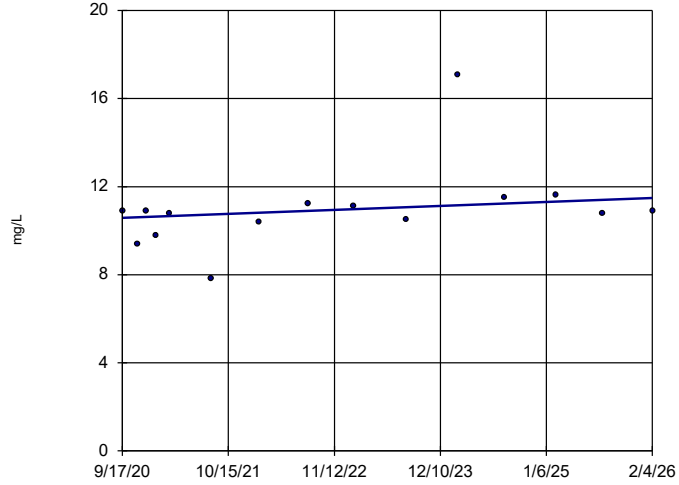
Sen's Slope Estimator

HGWA-42D (bg)



n = 15

Slope = 0.1679 units per year.

Mann-Kendall statistic = 35 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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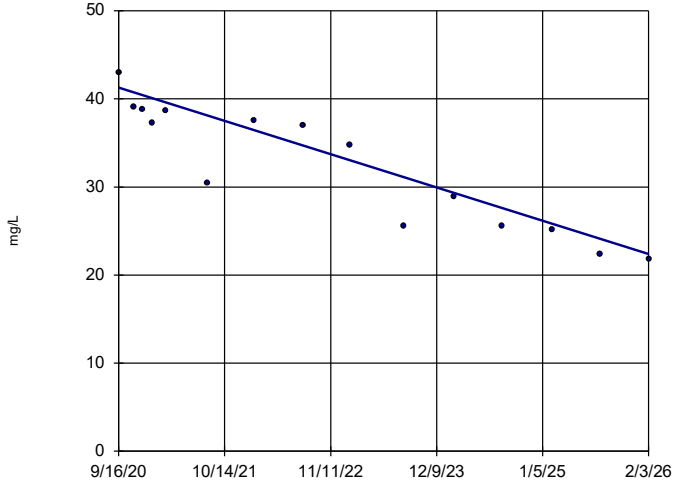
Sen's Slope Estimator

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 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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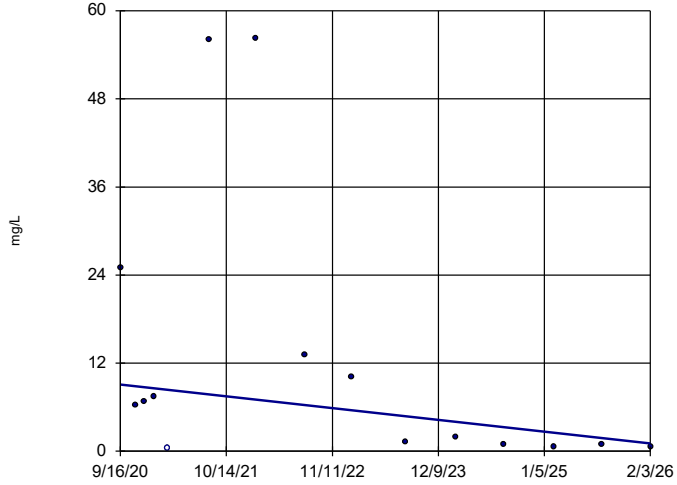
Hollow symbols indicate censored values.

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 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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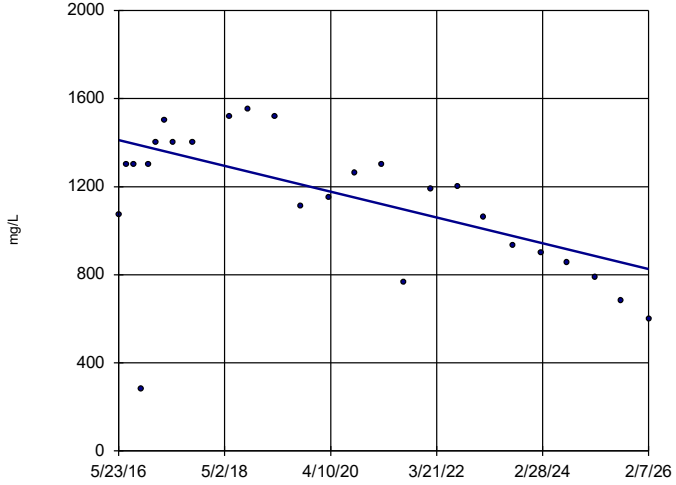
Sen's Slope Estimator

HGWC-14



n = 26

Slope = -60.2 units per year.

Mann-Kendall statistic = -133 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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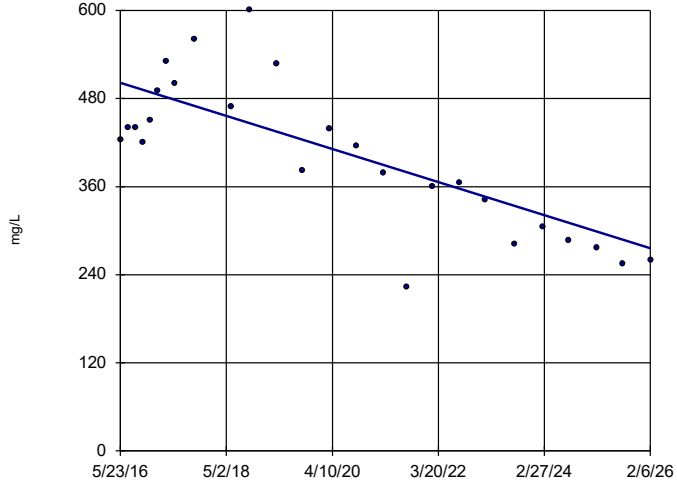
Sen's Slope Estimator

HGWC-15



n = 26

Slope = -23.2 units per year.

Mann-Kendall statistic = -182 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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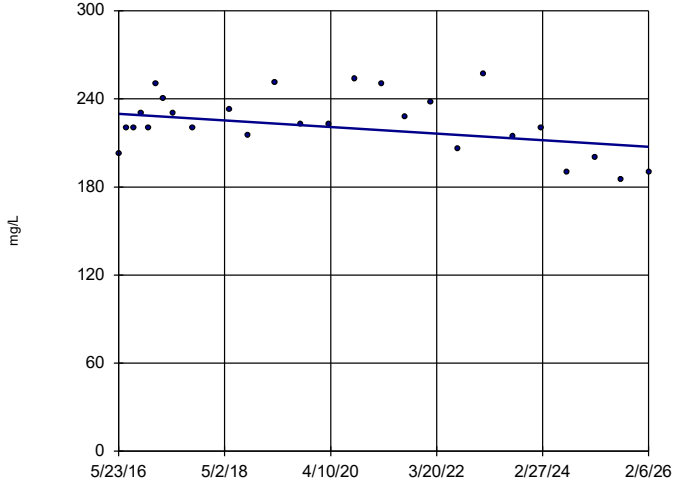
Sen's Slope Estimator

HGWC-16



n = 26

Slope = -2.317 units per year.

Mann-Kendall statistic = -59 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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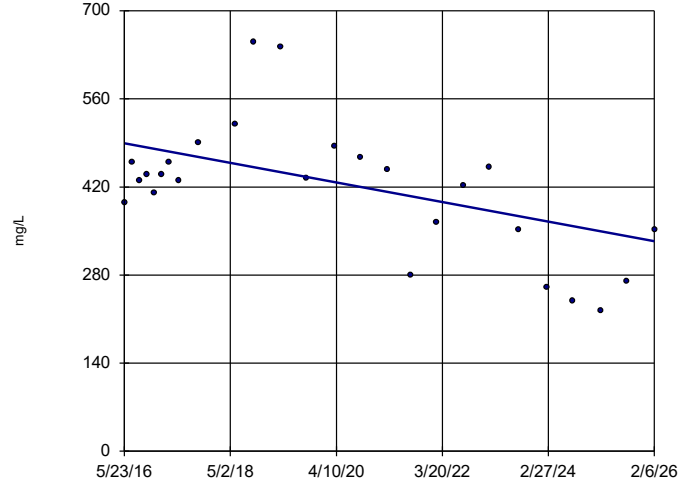
Sen's Slope Estimator

HGWC-17



n = 26

Slope = -16.02 units per year.

Mann-Kendall statistic = -109 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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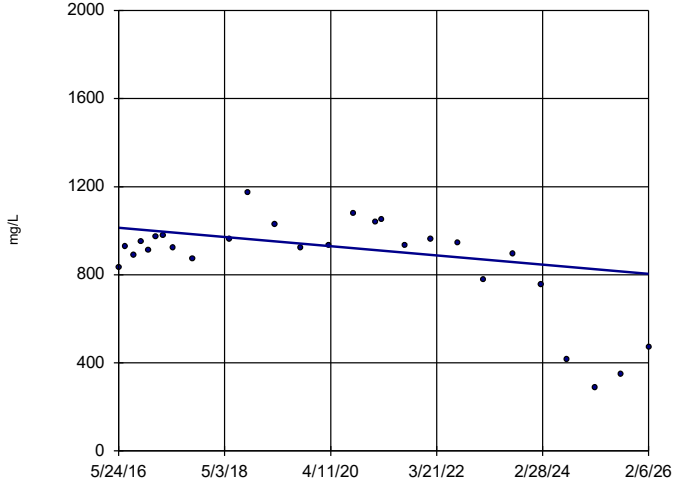
Sen's Slope Estimator

HGWC-18



n = 27

Slope = -21.53 units per year.

Mann-Kendall statistic = -81 critical = -124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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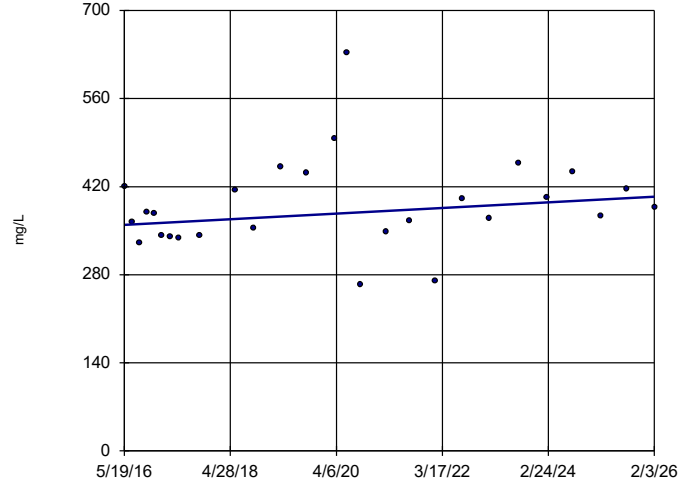
Sen's Slope Estimator

HGWA-1 (bg)



n = 27

Slope = 4.627 units per year.

Mann-Kendall statistic = 71 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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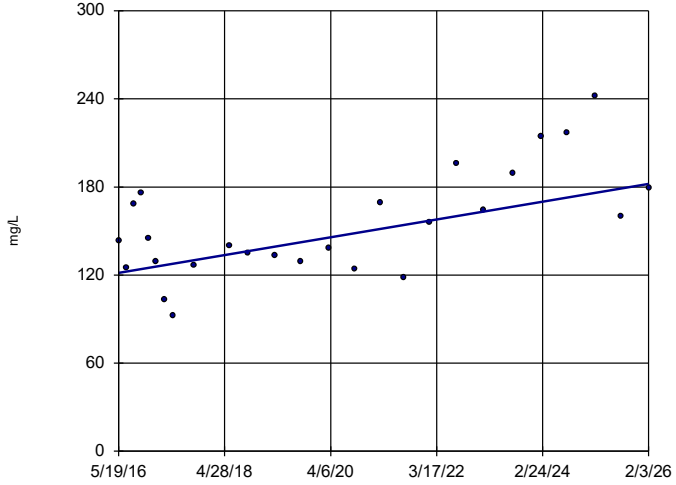
Sen's Slope Estimator

HGWA-2 (bg)



n = 26

Slope = 6.233 units per year.

Mann-Kendall statistic = 122 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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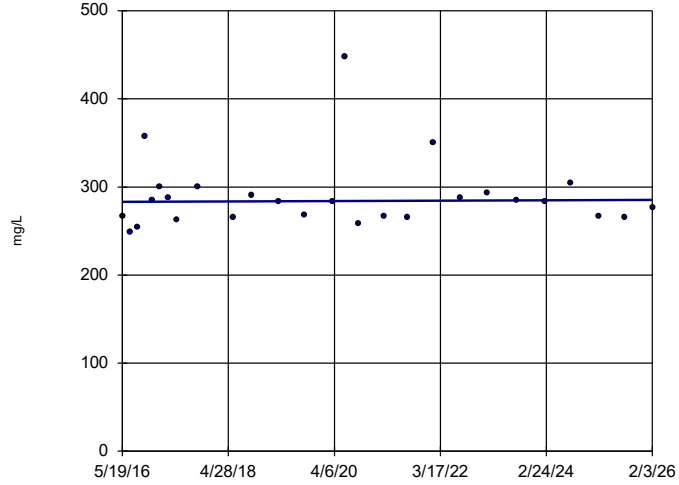
Sen's Slope Estimator

HGWA-3 (bg)



n = 27

Slope = 0.2436 units per year.

Mann-Kendall statistic = 14 critical = 124

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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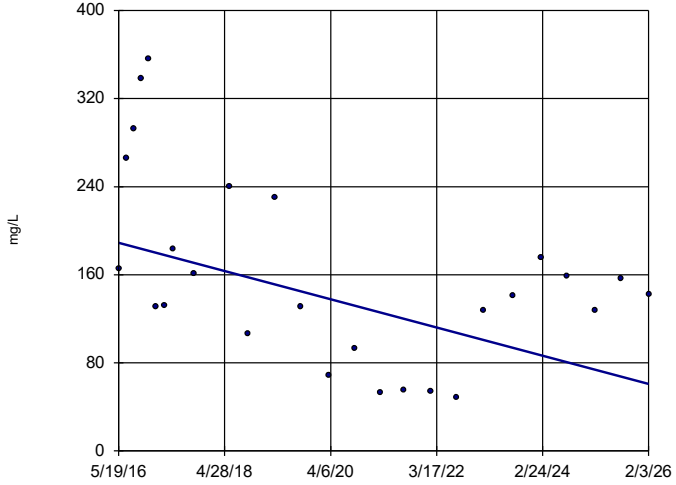
Sen's Slope Estimator

HGWA-4 (bg)



n = 26

Slope = -13.21 units per year.

Mann-Kendall statistic = -107 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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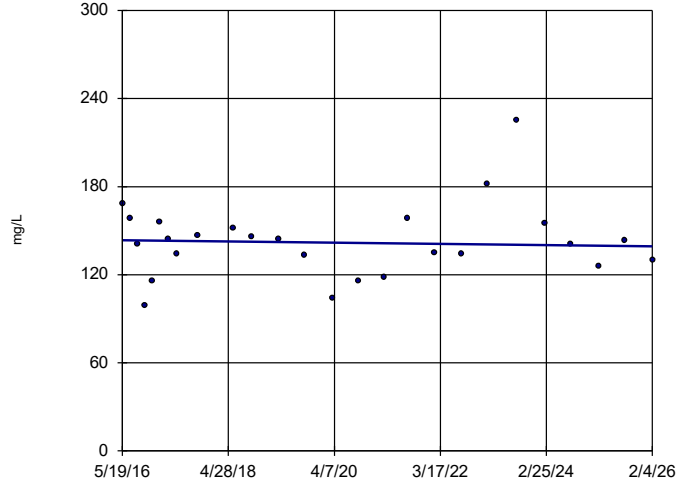
Sen's Slope Estimator

HGWA-5 (bg)



n = 26

Slope = -0.4382 units per year.

Mann-Kendall statistic = -18 critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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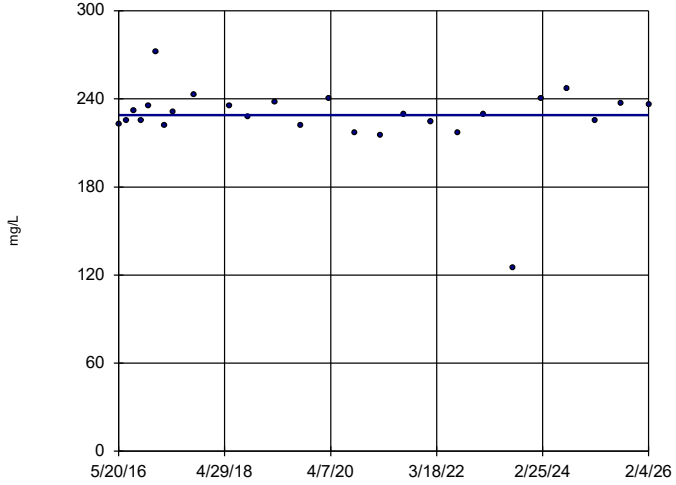
Sen's Slope Estimator

HGWA-6 (bg)



n = 26

Slope = 0 units per year.

Mann-Kendall statistic = 5 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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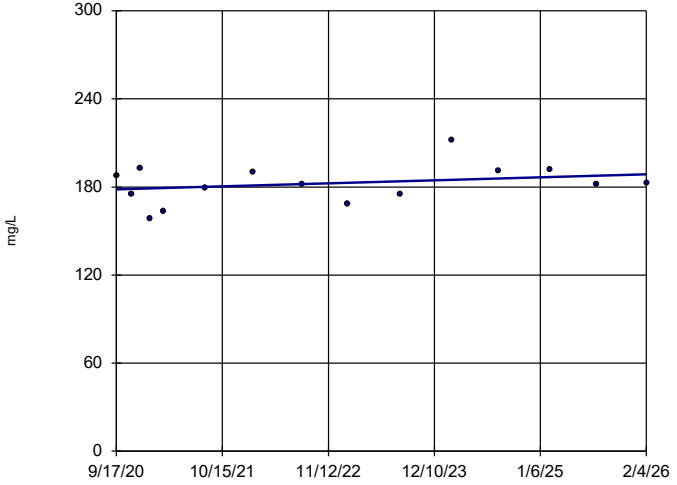
Sen's Slope Estimator

HGWA-42D (bg)



n = 15

Slope = 1.901 units per year.

Mann-Kendall statistic = 23 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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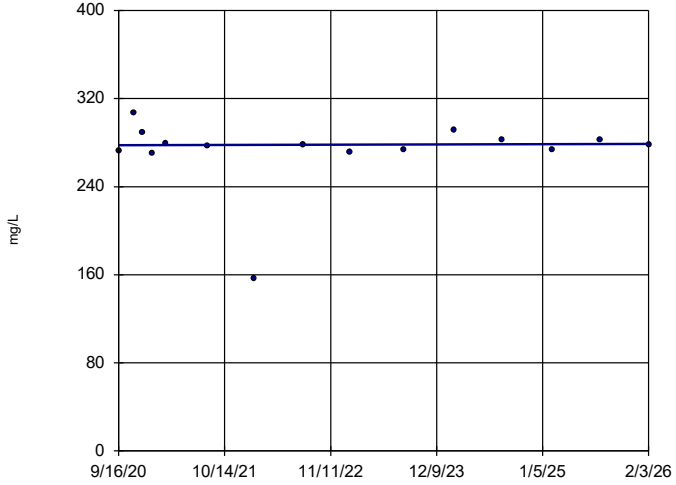
Sen's Slope Estimator

HGWA-43D (bg)



n = 15

Slope = 0.223 units per year.

Mann-Kendall statistic = 2 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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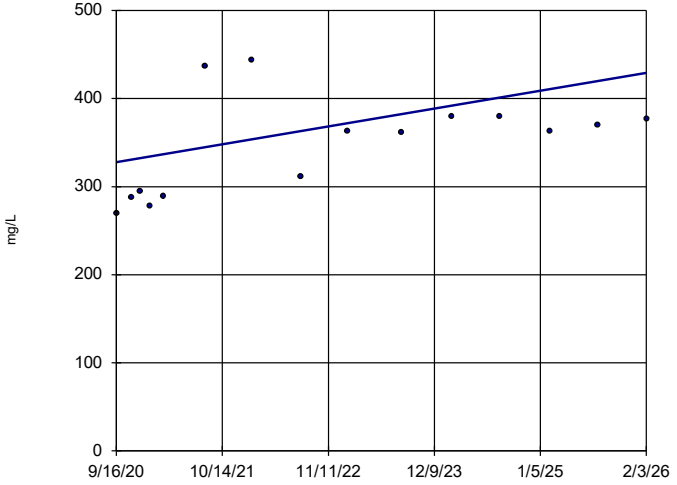
Sen's Slope Estimator

HGWA-44D (bg)



n = 15

Slope = 18.82 units per year.

Mann-Kendall statistic = 52 critical = 53

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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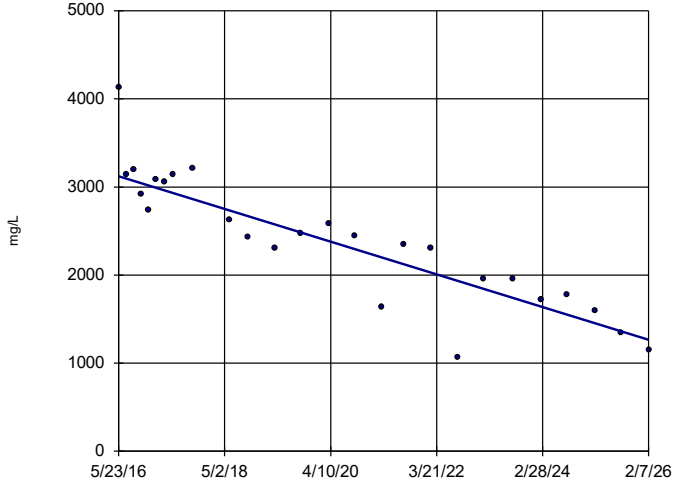
Sen's Slope Estimator

HGWC-14



n = 26

Slope = -191.2 units per year.

Mann-Kendall statistic = -245 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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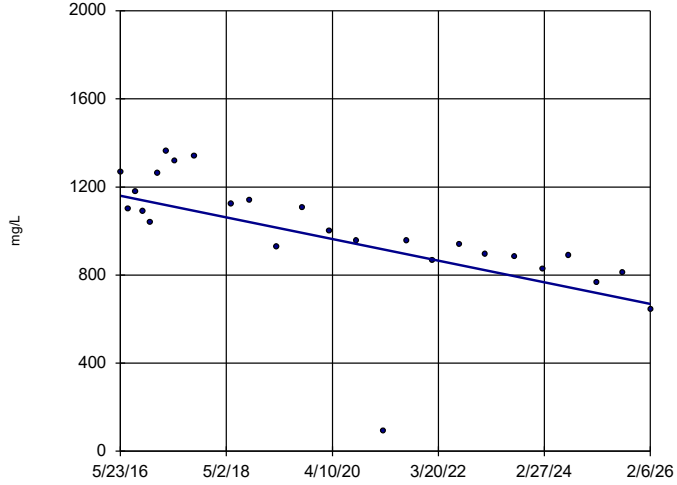
Sen's Slope Estimator

HGWC-15



n = 26

Slope = -50.54 units per year.

Mann-Kendall statistic = -211 critical = -118

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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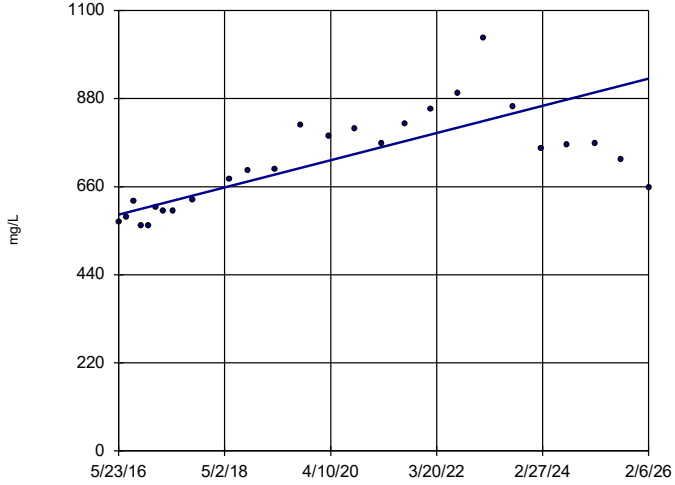
Sen's Slope Estimator

HGWC-16



n = 26

Slope = 34.89 units per year.

Mann-Kendall statistic = 176 critical = 118

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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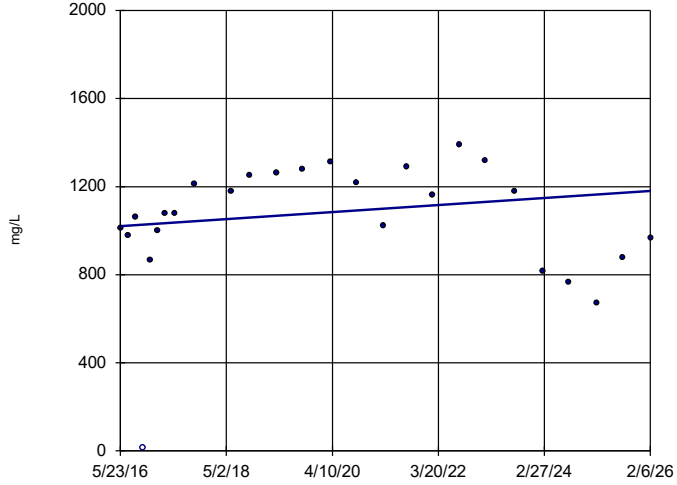
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWC-17



n = 26

Slope = 16.37 units per year.

Mann-Kendall statistic = 35 critical = 118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

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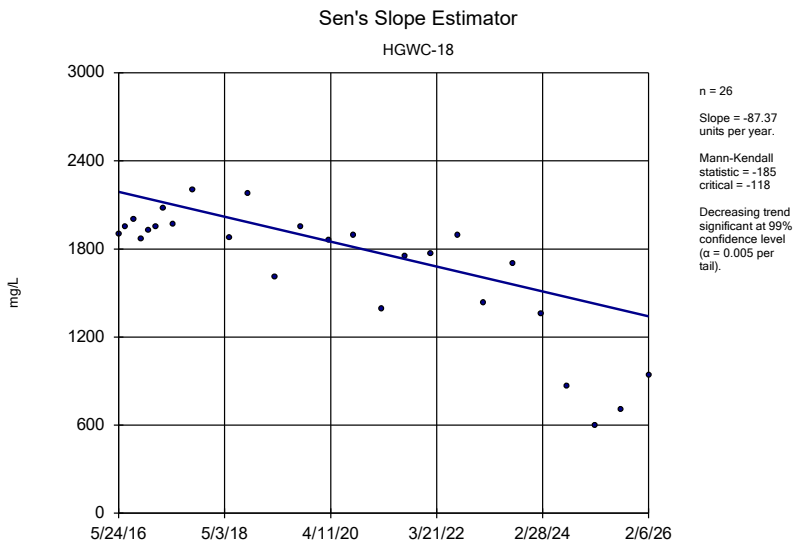

Constituent: TDS Analysis Run 4/8/2026 9:53 AM View: Appendix III Trend Test

Plant Hammond Client: Southern Company Data: Hammond AP2

FIGURE F.

Upper Tolerance Limits Summary Table

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 9:55 AM

Constituent	Upper Lim.	Bg N	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.003	201	87.06	n/a	n/a	NaN	NP Inter(NDs)
Arsenic (mg/L)	0.0036	225	83.11	n/a	n/a	NaN	NP Inter(NDs)
Barium (mg/L)	0.46	225	0	n/a	n/a	NaN	NP Inter(normality)
Beryllium (mg/L)	0.0004	213	83.1	n/a	n/a	NaN	NP Inter(NDs)
Cadmium (mg/L)	0.0005	225	91.11	n/a	n/a	NaN	NP Inter(NDs)
Chromium (mg/L)	0.019	213	86.38	n/a	n/a	NaN	NP Inter(NDs)
Cobalt (mg/L)	0.038	225	69.33	n/a	n/a	NaN	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.573	225	0	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	1.5	233	26.61	n/a	n/a	NaN	NP Inter(normality)
Lead (mg/L)	0.001	213	78.87	n/a	n/a	NaN	NP Inter(NDs)
Lithium (mg/L)	0.064	219	16.44	n/a	n/a	NaN	NP Inter(normality)
Mercury (mg/L)	0.0002	176	95.45	n/a	n/a	NaN	NP Inter(NDs)
Molybdenum (mg/L)	0.01	219	85.39	n/a	n/a	NaN	NP Inter(NDs)
Selenium (mg/L)	0.005	225	96.89	n/a	n/a	NaN	NP Inter(NDs)
Thallium (mg/L)	0.0005	225	99.11	n/a	n/a	NaN	NP Inter(NDs)

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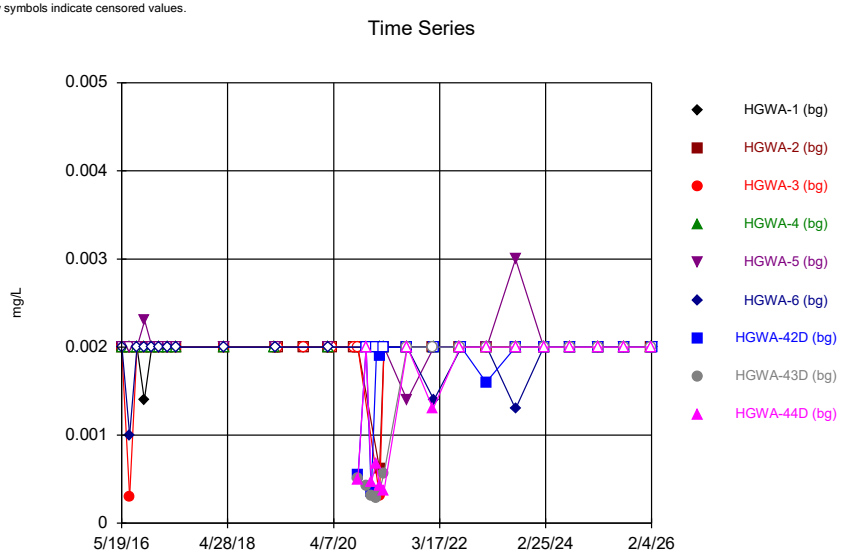
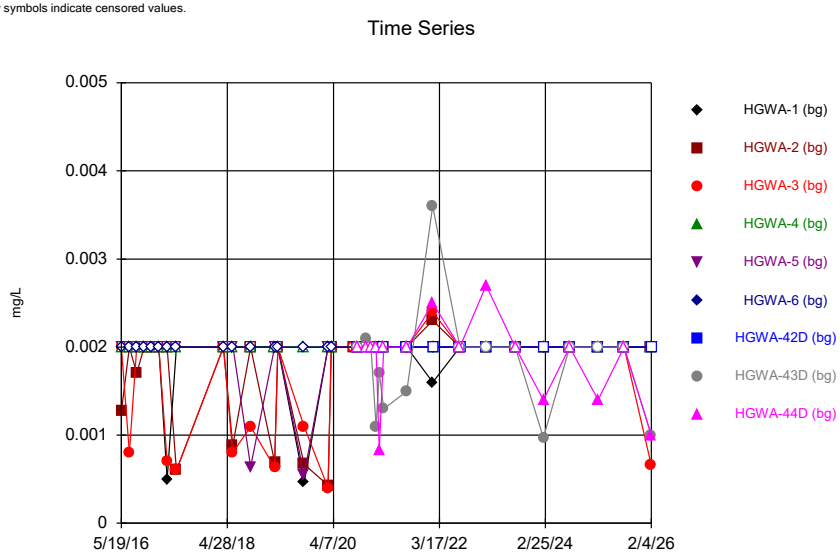
Hollow symbols indicate censored values.



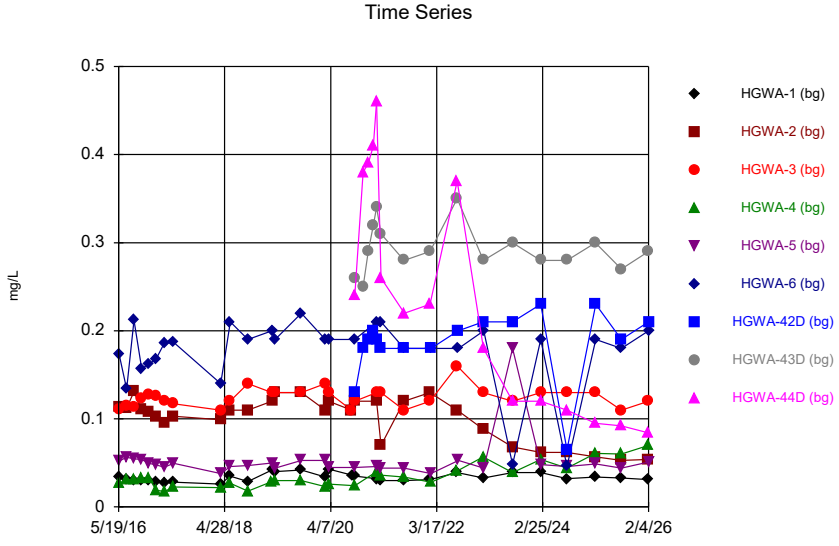
Constituent: Antimony Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



Constituent: Barium Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

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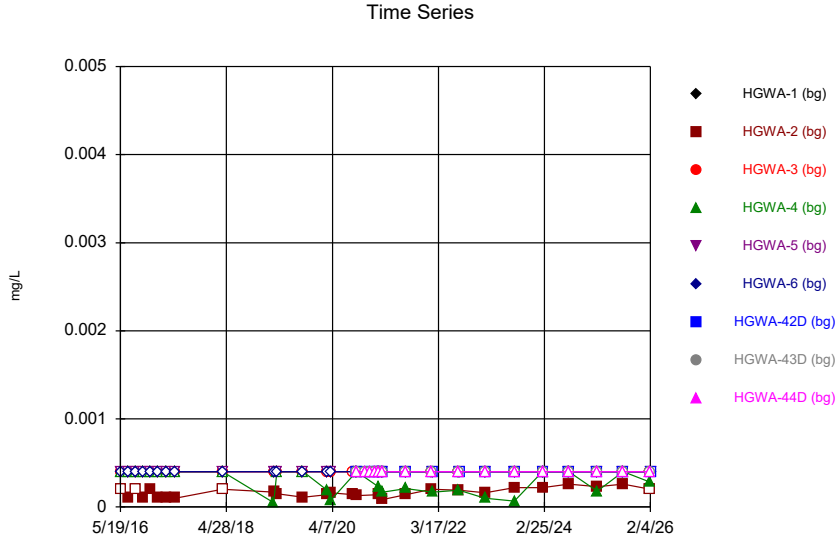
Hollow symbols indicate censored values.



Constituent: Beryllium Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

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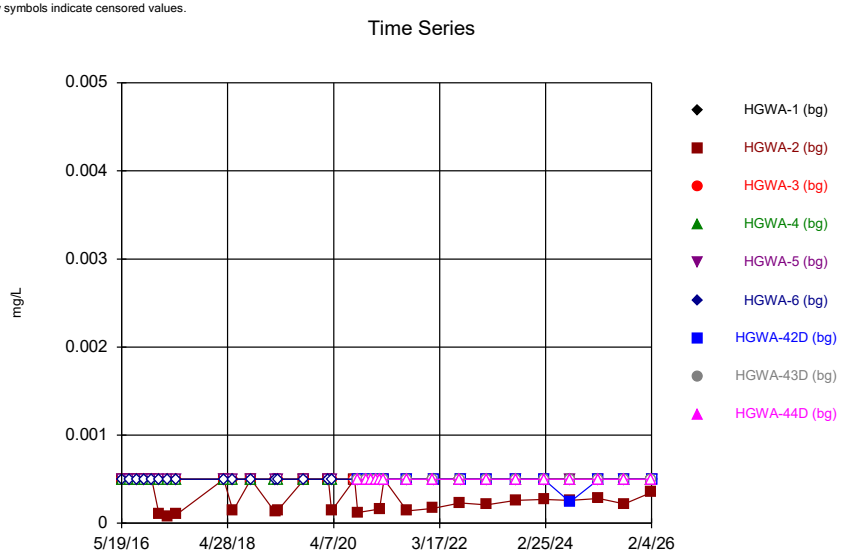
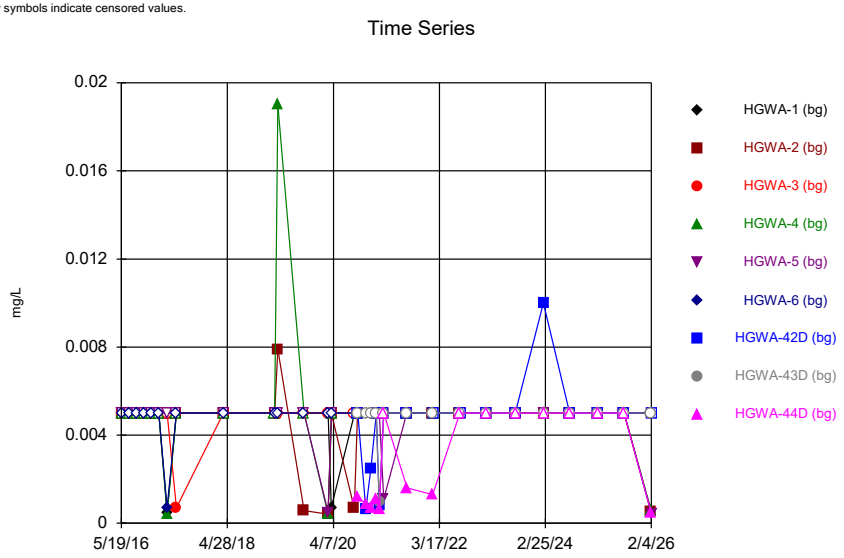
Hollow symbols indicate censored values.



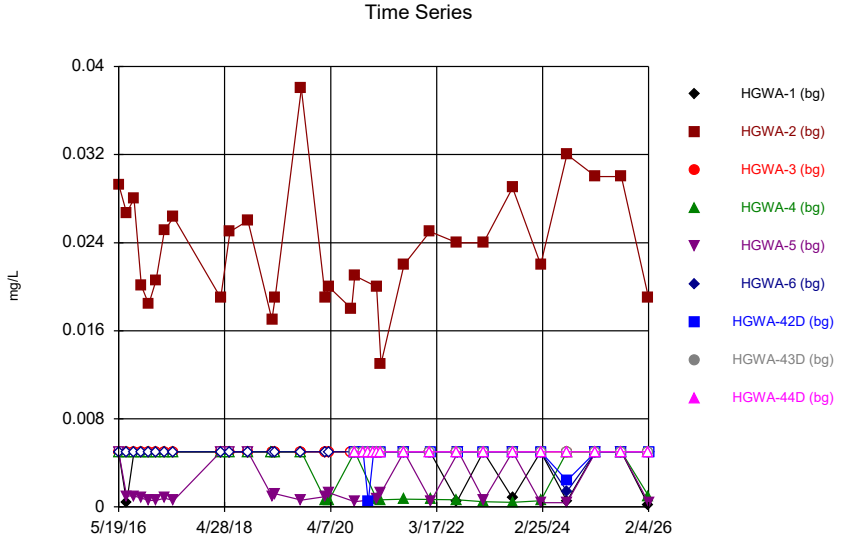
Constituent: Cadmium Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



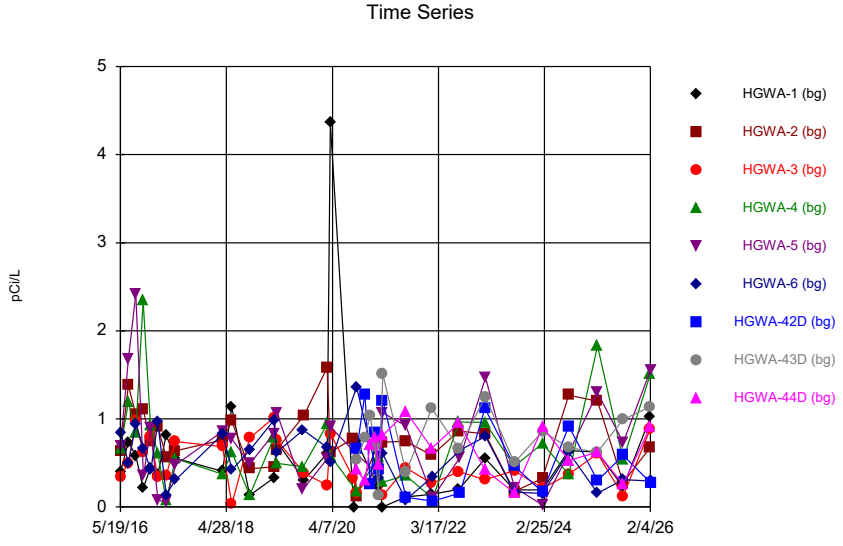
Constituent: Chromium Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



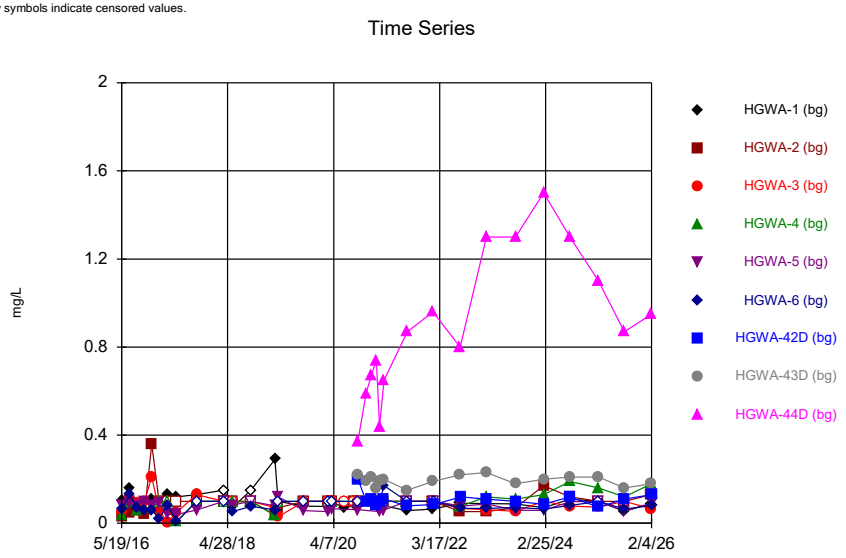
Constituent: Cobalt Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG



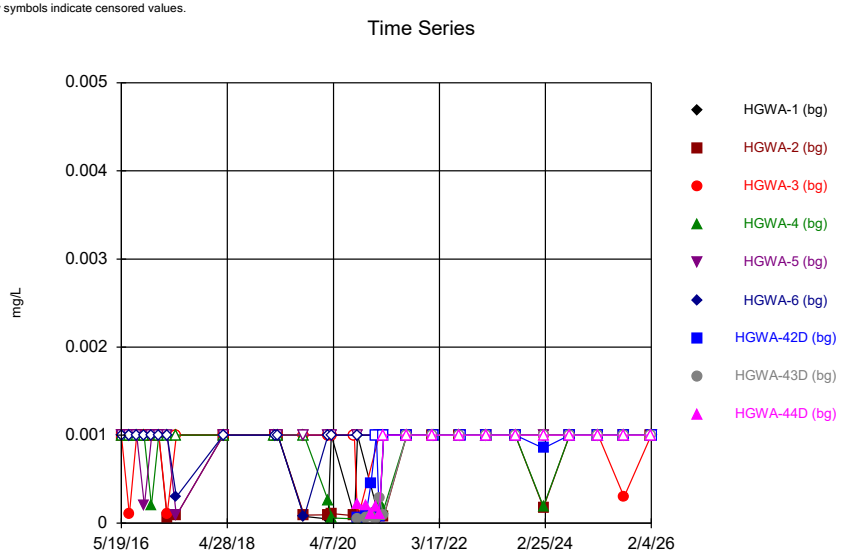
Constituent: Combined Radium 226 + 228 Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Fluoride Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Lead Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

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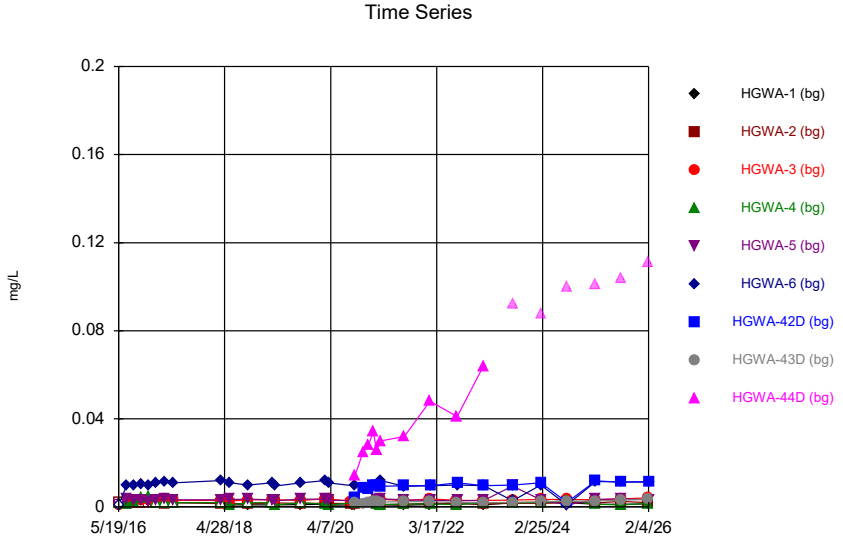
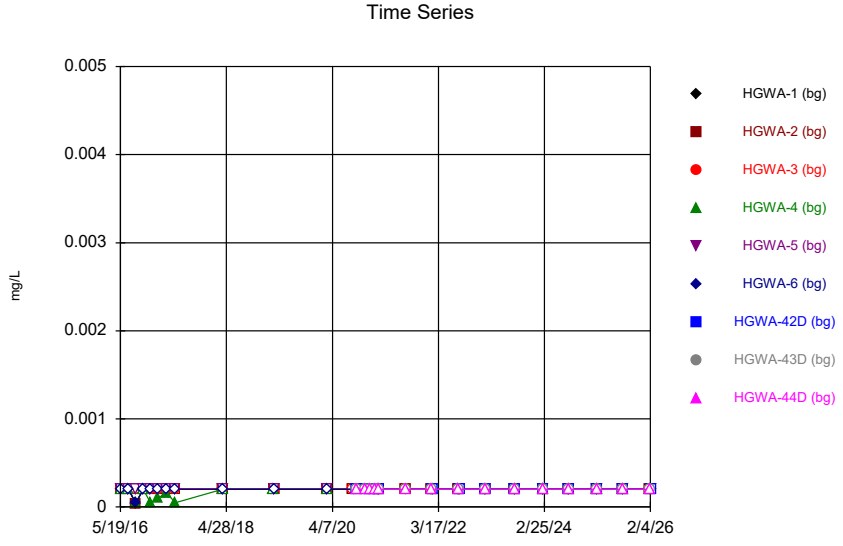
Hollow symbols indicate censored values.



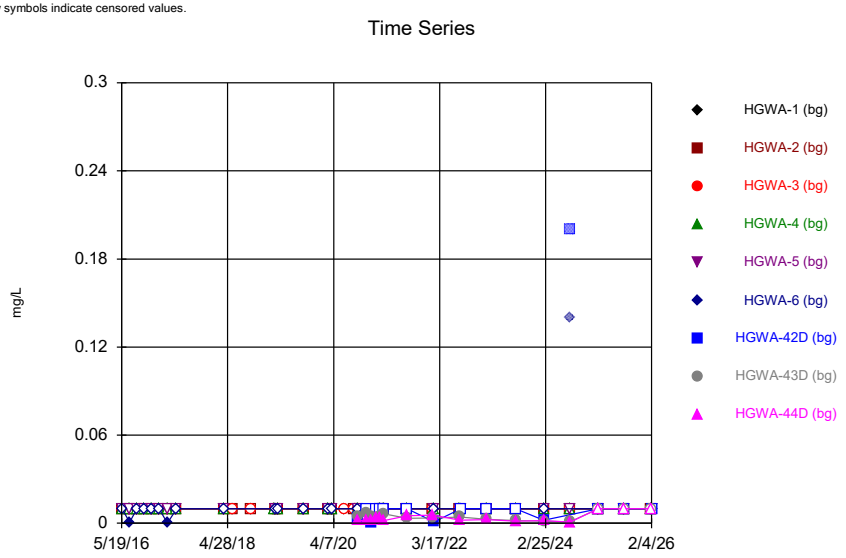
Constituent: Lithium Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



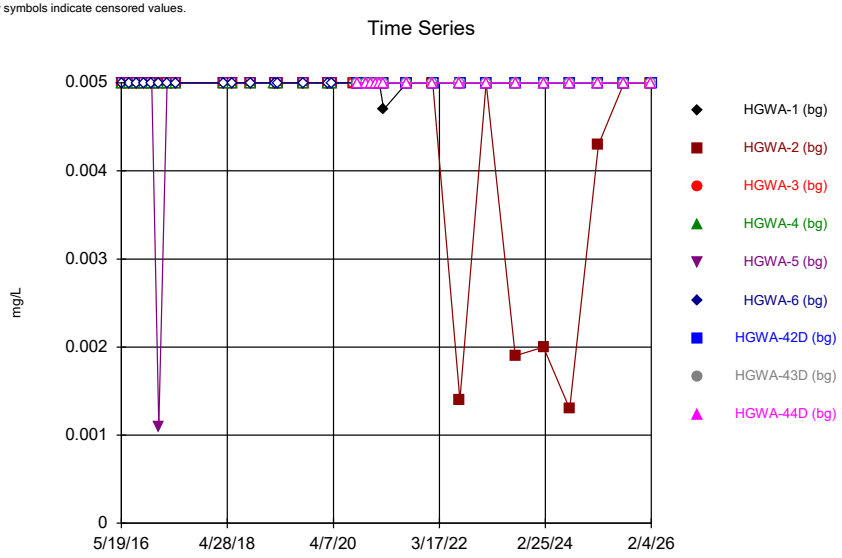
Constituent: Mercury Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Molybdenum Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.



Constituent: Selenium Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

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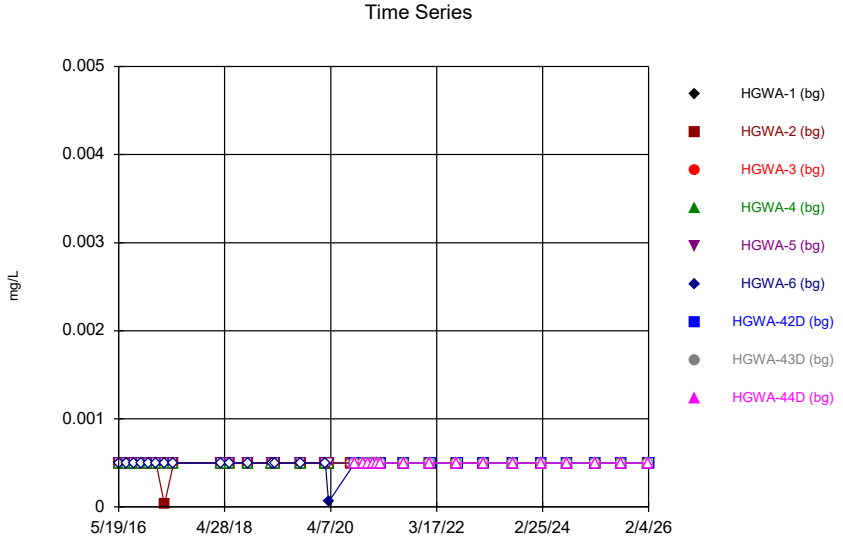
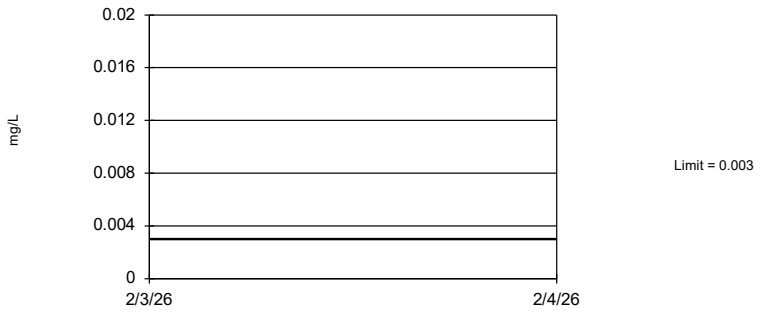
Hollow symbols indicate censored values.



Constituent: Thallium Analysis Run 4/8/2026 9:54 AM View: UTL
Plant Hammond Client: Southern Company Data: Hammond AP2

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 201 background values. 87.06% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Antimony Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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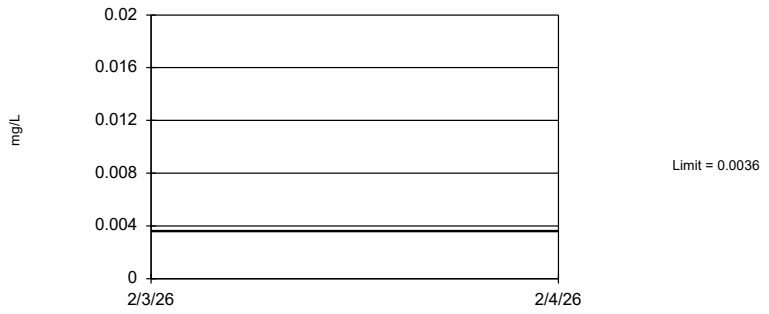
Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 225 background values. 83.11% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

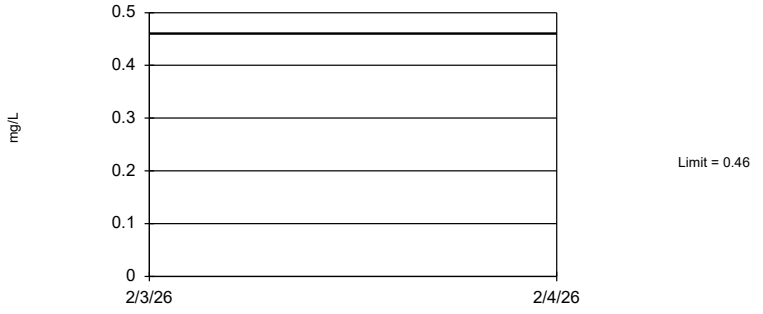
Constituent: Arsenic Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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 the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 225 background values. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

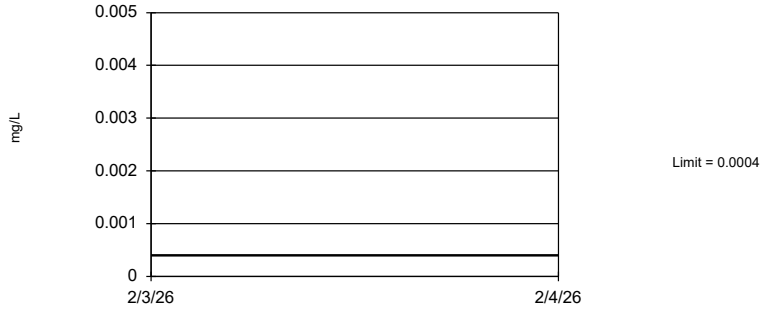
Constituent: Barium Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Tolerance Limit

Interwell Non-parametric



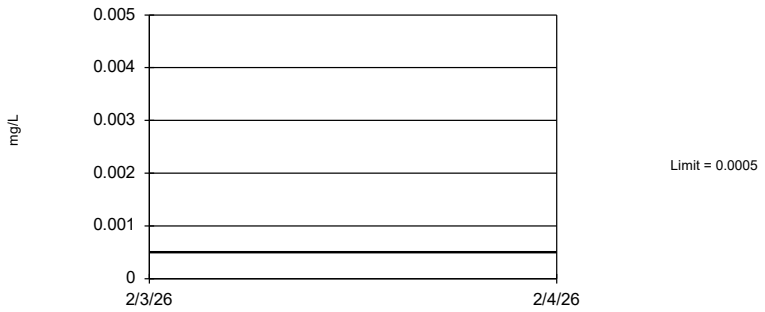
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 213 background values. 83.1% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Beryllium Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 225 background values. 91.11% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cadmium Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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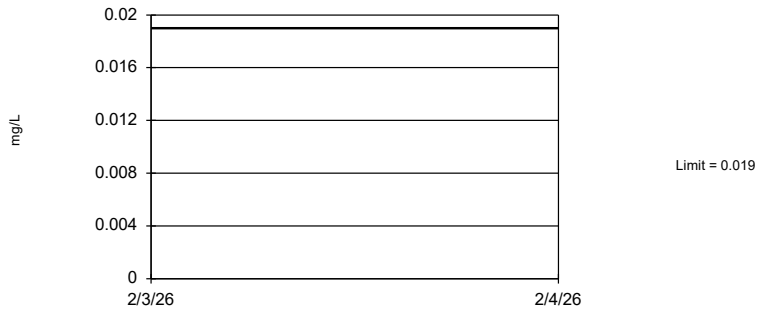
Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 213 background values. 86.38% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

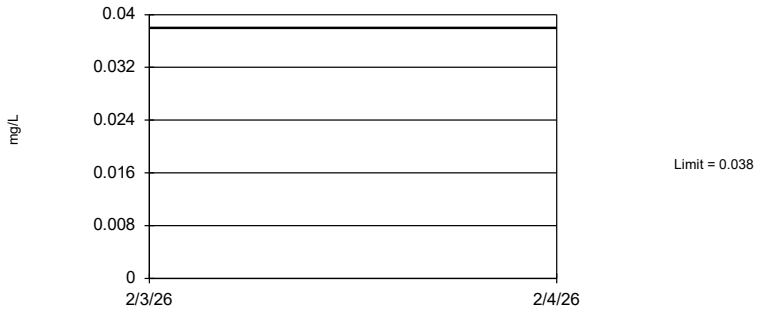
Constituent: Chromium Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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 225 background values. 69.33% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Cobalt Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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Tolerance Limit

Interwell Parametric

95% coverage. Background Data Summary (based on square root transformation): Mean=0.7534, Std. Dev.=0.2746, n=225. Normality test: Chi Squared @alpha = 0.01, calculated = 10.42, critical = 14.07. Report alpha = 0.05.

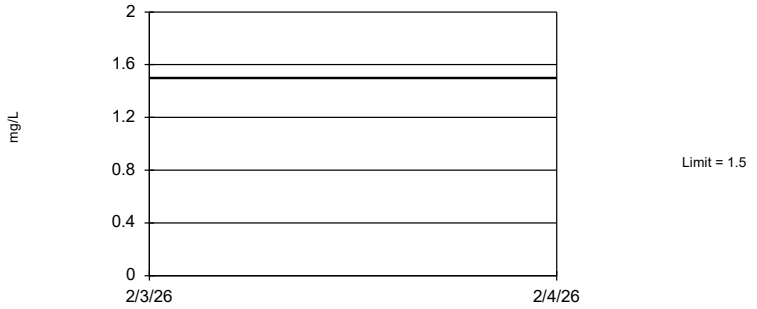
Constituent: Combined Radium 226 + 228 Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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 the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 233 background values. 26.61% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Fluoride Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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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 213 background values. 78.87% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

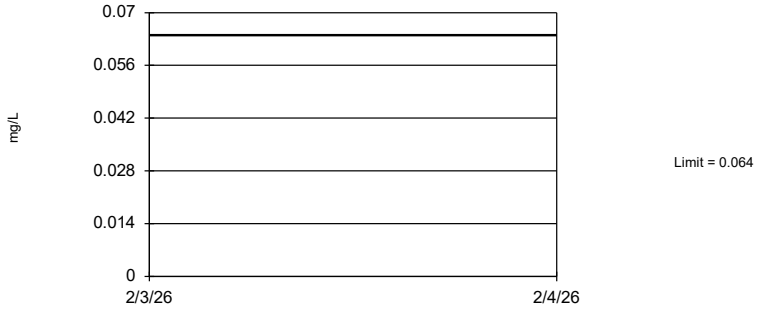
Constituent: Lead Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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 the Chi Squared normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 219 background values. 16.44% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

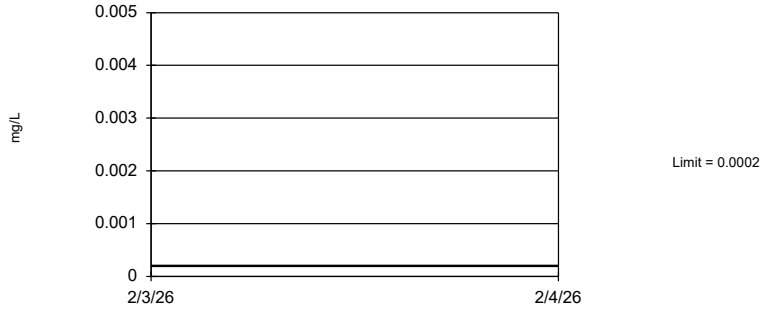
Constituent: Lithium Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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 176 background values. 95.45% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Mercury Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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 219 background values. 85.39% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Molybdenum Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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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 225 background values. 96.89% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Selenium Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

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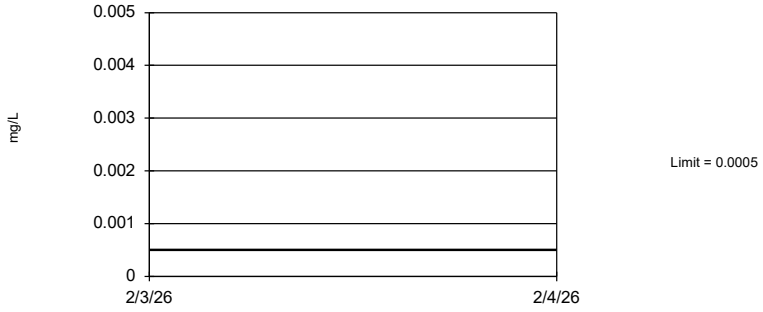
Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 225 background values. 99.11% NDs. 99.8% coverage at alpha=0.01; 99.8% coverage at alpha=0.05; 99.8% coverage at alpha=0.5. Report alpha < 0.0001.

Constituent: Thallium Analysis Run 4/8/2026 9:55 AM View: UTL

Plant Hammond Client: Southern Company Data: Hammond AP2

FIGURE G.

PLANT HAMMOND AP-2 GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.003	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		0.019	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.038	0.038
Combined Radium, Total (pCi/L)	5		1.57	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 Standard*

FIGURE H.

Appendix IV Confidence Intervals - Significant Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**HGWC-18**	**0.1732**	**0.1373**	**0.038**	**Yes**	**30**	**0.1553**	**0.03995**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**MW-33**	**0.05581**	**0.04269**	**0.038**	**Yes**	**16**	**0.04925**	**0.01008**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	**MW-35**	**0.09135**	**0.07576**	**0.038**	**Yes**	**14**	**0.07839**	**0.02479**	**7.143**	**None**	**x^4**	**0.01**	**Param.**

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	HGWC-14	0.002	0.001	0.006	No	23	0.001802	0.0006426	78.26	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-15	0.003	0.0016	0.006	No	23	0.002382	0.0009063	60.87	None	No	0.01	NP (NDs)
Antimony (mg/L)	HGWC-18	0.002	0.0008	0.006	No	23	0.001948	0.0002502	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-33	0.002	0.00046	0.006	No	12	0.001872	0.0004446	91.67	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-34D	0.002	0.002	0.006	No	10	0.00198	0.00006325	90	None	No	0.011	NP (NDs)
Antimony (mg/L)	MW-35	0.0029	0.00041	0.006	No	12	0.001943	0.0005476	83.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-14	0.005119	0.003162	0.01	No	29	0.004141	0.002135	13.79	None	No	0.01	Param.
Arsenic (mg/L)	HGWC-15	0.002	0.0008	0.01	No	29	0.001785	0.0005533	86.21	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-16	0.002	0.0012	0.01	No	29	0.001774	0.0005315	82.76	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-17	0.002	0.0017	0.01	No	29	0.001784	0.0005069	72.41	None	No	0.01	NP (NDs)
Arsenic (mg/L)	HGWC-18	0.006068	0.003929	0.01	No	29	0.004999	0.002335	6.897	None	No	0.01	Param.
Arsenic (mg/L)	MW-21D	0.003	0.0013	0.01	No	19	0.001868	0.0005495	78.95	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-33	0.006979	0.003007	0.01	No	15	0.004993	0.002931	6.667	None	No	0.01	Param.
Arsenic (mg/L)	MW-34D	0.003595	0.001006	0.01	No	12	0.002807	0.001601	25	Kaplan-Meier	No	0.01	Param.
Arsenic (mg/L)	MW-35	0.005677	0.002745	0.01	No	14	0.004364	0.002016	35.71	Kaplan-Meier	x^2	0.01	Param.
Arsenic (mg/L)	MW-51	0.004757	0.001673	0.01	No	10	0.00332	0.001715	30	Kaplan-Meier	No	0.01	Param.
Barium (mg/L)	HGWC-14	0.0214	0.017	2	No	29	0.02307	0.01978	3.448	None	No	0.01	NP (normality)
Barium (mg/L)	HGWC-15	0.02459	0.01699	2	No	29	0.02079	0.008292	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-16	0.1082	0.09831	2	No	29	0.1032	0.01079	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-17	0.02647	0.02397	2	No	29	0.02522	0.002721	0	None	No	0.01	Param.
Barium (mg/L)	HGWC-18	0.0313	0.021	2	No	29	0.0297	0.01468	3.448	None	No	0.01	NP (normality)
Barium (mg/L)	MW-21D	0.05666	0.03906	2	No	19	0.04858	0.01605	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-33	0.0249	0.0191	2	No	15	0.022	0.004276	0	None	No	0.01	Param.
Barium (mg/L)	MW-34D	0.04039	0.02994	2	No	12	0.03517	0.006658	0	None	No	0.01	Param.
Barium (mg/L)	MW-35	0.029	0.021	2	No	14	0.02607	0.006627	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-51	0.03506	0.02154	2	No	10	0.0283	0.007573	0	None	No	0.01	Param.
Beryllium (mg/L)	HGWC-14	0.00056	0.0004	0.004	No	27	0.0005315	0.0002891	7.407	None	No	0.01	NP (normality)
Beryllium (mg/L)	HGWC-17	0.0004	0.0001	0.004	No	27	0.0003382	0.0001323	81.48	None	No	0.01	NP (NDs)
Beryllium (mg/L)	HGWC-18	0.003163	0.002509	0.004	No	27	0.002836	0.0006851	3.704	None	No	0.01	Param.
Beryllium (mg/L)	MW-33	0.0009767	0.0006259	0.004	No	15	0.0008013	0.0002588	0	None	No	0.01	Param.
Beryllium (mg/L)	MW-34D	0.0004	0.00015	0.004	No	12	0.0003512	0.0001153	83.33	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-35	0.0005986	0.0003585	0.004	No	14	0.0004786	0.0001695	7.143	None	No	0.01	Param.
Beryllium (mg/L)	MW-51	0.0004546	0.0001974	0.004	No	10	0.000326	0.0001441	0	None	No	0.01	Param.
Cadmium (mg/L)	HGWC-14	0.0005	0.00012	0.005	No	29	0.0003441	0.0001905	58.62	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-15	0.001914	0.001177	0.005	No	29	0.001546	0.0008046	0	None	No	0.01	Param.
Cadmium (mg/L)	HGWC-17	0.0005	0.00015	0.005	No	29	0.0004597	0.0001213	89.66	None	No	0.01	NP (NDs)
Cadmium (mg/L)	HGWC-18	0.002253	0.001385	0.005	No	29	0.002071	0.001642	3.448	None	ln(x)	0.01	Param.
Cadmium (mg/L)	MW-33	0.00022	0.00015	0.005	No	15	0.0002513	0.0002779	6.667	None	No	0.01	NP (normality)
Cadmium (mg/L)	MW-34D	0.001505	0.00044	0.005	No	12	0.001297	0.0009686	16.67	Kaplan-Meier	sqrt(x)	0.01	Param.
Cadmium (mg/L)	MW-35	0.001546	0.0009029	0.005	No	14	0.001224	0.0004538	7.143	None	No	0.01	Param.
Cadmium (mg/L)	MW-51	0.001119	0.0003067	0.005	No	10	0.000713	0.0004553	0	None	No	0.01	Param.
Chromium (mg/L)	HGWC-14	0.005	0.00066	0.1	No	27	0.004494	0.001458	88.89	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-15	0.005	0.0012	0.1	No	27	0.00435	0.001595	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-16	0.005	0.0021	0.1	No	27	0.004398	0.001495	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-17	0.005	0.0018	0.1	No	27	0.004391	0.001504	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	HGWC-18	0.005	0.00063	0.1	No	27	0.004327	0.001644	85.19	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-21D	0.005	0.00074	0.1	No	19	0.004292	0.001682	84.21	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-33	0.005	0.0028	0.1	No	15	0.004249	0.001637	80	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-34D	0.0059	0.00039	0.1	No	12	0.004691	0.001379	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-35	0.005	0.00083	0.1	No	14	0.004061	0.00187	78.57	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-51	0.005	0.005	0.1	No	10	0.004526	0.001499	90	None	No	0.011	NP (NDs)
Cobalt (mg/L)	HGWC-14	0.034	0.0253	0.038	No	29	0.03274	0.01841	3.448	None	No	0.01	NP (normality)
Cobalt (mg/L)	HGWC-15	0.03647	0.01873	0.038	No	29	0.0276	0.01936	0	None	No	0.01	Param.
Cobalt (mg/L)	HGWC-16	0.005	0.00037	0.038	No	29	0.004678	0.001206	93.1	None	No	0.01	NP (NDs)
Cobalt (mg/L)	HGWC-17	0.01479	0.01141	0.038	No	29	0.01243	0.00454	3.448	None	x^2	0.01	Param.

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Cobalt (mg/L)	**HGWC-18**	**0.1732**	**0.1373**	**0.038**	**Yes**	**30**	**0.1553**	**0.03995**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-21D	0.005	0.00034	0.038	No	19	0.004755	0.001069	94.74	None	No	0.01	NP (NDs)
Cobalt (mg/L)	**MW-33**	**0.05581**	**0.04269**	**0.038**	**Yes**	**16**	**0.04925**	**0.01008**	**0**	**None**	**No**	**0.01**	**Param.**
Cobalt (mg/L)	MW-34D	0.008085	0.004898	0.038	No	12	0.006492	0.002031	0	None	No	0.01	Param.
Cobalt (mg/L)	**MW-35**	**0.09135**	**0.07576**	**0.038**	**Yes**	**14**	**0.07839**	**0.02479**	**7.143**	**None**	**x^4**	**0.01**	**Param.**
Cobalt (mg/L)	MW-51	0.03376	0.01824	0.038	No	10	0.026	0.008692	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-14	1.415	0.9757	5	No	29	1.196	0.48	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-15	0.7901	0.4417	5	No	29	0.6159	0.3802	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-16	0.8611	0.5151	5	No	29	0.6881	0.3775	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-17	0.9301	0.6031	5	No	29	0.7666	0.3568	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	HGWC-18	1.98	1.417	5	No	29	1.699	0.6145	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-21D	0.8305	0.3837	5	No	19	0.6446	0.4226	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-33	1.837	0.9606	5	No	15	1.399	0.6469	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-34D	0.9278	0.4825	5	No	12	0.7052	0.2838	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-35	1.95	0.9712	5	No	14	1.497	0.786	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	MW-51	1.024	0.4835	5	No	10	0.7537	0.3028	0	None	No	0.01	Param.
Fluoride (mg/L)	HGWC-14	0.1482	0.07561	4	No	30	0.1531	0.141	16.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	HGWC-15	0.12	0.086	4	No	30	0.1266	0.1053	33.33	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-16	0.09894	0.04441	4	No	30	0.1321	0.1089	46.67	Kaplan-Meier	ln(x)	0.01	Param.
Fluoride (mg/L)	HGWC-17	0.3	0.062	4	No	30	0.1866	0.1933	23.33	None	No	0.01	NP (normality)
Fluoride (mg/L)	HGWC-18	0.5383	0.3263	4	No	30	0.4323	0.2358	3.333	None	No	0.01	Param.
Fluoride (mg/L)	MW-21D	0.1	0.061	4	No	19	0.08968	0.01841	68.42	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-33	0.243	0.1252	4	No	16	0.19	0.09741	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	MW-34D	0.08812	0.06565	4	No	12	0.08267	0.01664	25	Kaplan-Meier	No	0.01	Param.
Fluoride (mg/L)	MW-35	0.1238	0.06568	4	No	14	0.09471	0.041	7.143	None	No	0.01	Param.
Fluoride (mg/L)	MW-51	0.1422	0.08039	4	No	10	0.1113	0.03464	0	None	No	0.01	Param.
Lead (mg/L)	HGWC-14	0.001574	0.001193	0.015	No	27	0.001383	0.0003996	7.407	None	No	0.01	Param.
Lead (mg/L)	HGWC-15	0.001	0.001	0.015	No	27	0.0008676	0.0003243	81.48	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-16	0.001	0.00016	0.015	No	27	0.0007046	0.0004266	66.67	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-17	0.001	0.00013	0.015	No	27	0.0006894	0.0004206	62.96	None	No	0.01	NP (NDs)
Lead (mg/L)	HGWC-18	0.001282	0.0009099	0.015	No	27	0.001096	0.0003899	7.407	None	No	0.01	Param.
Lead (mg/L)	MW-21D	0.001	0.00066	0.015	No	19	0.0008331	0.0003543	78.95	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-33	0.001659	0.0008758	0.015	No	15	0.001267	0.0005778	13.33	None	No	0.01	Param.
Lead (mg/L)	MW-34D	0.001	0.00087	0.015	No	12	0.0009892	0.00003753	91.67	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-35	0.001	0.00035	0.015	No	14	0.0007386	0.0003006	42.86	None	No	0.01	NP (normality)
Lithium (mg/L)	HGWC-14	0.002	0.00104	0.064	No	29	0.00191	0.0004115	86.21	None	No	0.01	NP (NDs)
Lithium (mg/L)	HGWC-15	0.005987	0.002258	0.064	No	29	0.007257	0.00872	20.69	Kaplan-Meier	ln(x)	0.01	Param.
Lithium (mg/L)	HGWC-16	0.003665	0.002961	0.064	No	29	0.003313	0.0007678	3.448	None	No	0.01	Param.
Lithium (mg/L)	HGWC-17	0.002	0.00123	0.064	No	29	0.001848	0.001614	37.93	None	No	0.01	NP (normality)
Lithium (mg/L)	HGWC-18	0.01363	0.0116	0.064	No	29	0.01261	0.002218	0	None	No	0.01	Param.
Lithium (mg/L)	MW-21D	0.02291	0.01643	0.064	No	19	0.01878	0.00686	0	None	x^2	0.01	Param.
Lithium (mg/L)	MW-33	0.001244	0.0008373	0.064	No	15	0.001067	0.0003707	13.33	None	ln(x)	0.01	Param.
Lithium (mg/L)	MW-34D	0.002043	0.001134	0.064	No	12	0.001737	0.0005718	16.67	Kaplan-Meier	No	0.01	Param.
Lithium (mg/L)	MW-35	0.003994	0.002606	0.064	No	14	0.0033	0.0009804	7.143	None	No	0.01	Param.
Lithium (mg/L)	MW-51	0.0022	0.001	0.064	No	10	0.002409	0.002942	10	None	No	0.011	NP (normality)
Mercury (mg/L)	HGWC-14	0.0002	0.00012	0.002	No	21	0.0001962	0.00001746	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-15	0.024	0.00014	0.002	No	22	0.001279	0.005075	90.91	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-16	0.0002	0.00012	0.002	No	21	0.0001962	0.00001746	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-17	0.0002	0.00012	0.002	No	21	0.0001962	0.00001746	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	HGWC-18	0.0002	0.00009	0.002	No	22	0.0001745	0.0000617	72.73	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-21D	0.0002	0.00012	0.002	No	12	0.0001933	0.00002309	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-33	0.0002	0.0002	0.002	No	10	0.000197	0.000009487	90	None	No	0.011	NP (NDs)
Mercury (mg/L)	MW-34D	0.0002	0.00011	0.002	No	9	0.00019	0.00003	88.89	None	No	0.002	NP (NDs)
Mercury (mg/L)	MW-35	0.00035	0.00014	0.002	No	10	0.000264	0.0002106	50	None	No	0.011	NP (normality)
Mercury (mg/L)	MW-51	0.0002	0.00011	0.002	No	9	0.0001822	0.00003563	77.78	None	No	0.002	NP (NDs)

Appendix IV Confidence Intervals - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:11 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	HGWC-15	0.01	0.0007	0.1	No	27	0.009656	0.00179	96.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-21D	0.02571	0.01572	0.1	No	19	0.02125	0.00925	0	None	sqrt(x)	0.01	Param.
Molybdenum (mg/L)	MW-35	0.017	0.01	0.1	No	14	0.0105	0.001871	92.86	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-14	0.01058	0.005828	0.05	No	29	0.008204	0.005186	0	None	No	0.01	Param.
Selenium (mg/L)	HGWC-15	0.005	0.0041	0.05	No	29	0.004556	0.001254	86.21	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-16	0.005	0.0024	0.05	No	29	0.0045	0.001311	86.21	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-17	0.005	0.0025	0.05	No	29	0.0043	0.001443	79.31	None	No	0.01	NP (NDs)
Selenium (mg/L)	HGWC-18	0.02762	0.0116	0.05	No	29	0.02269	0.02075	3.448	None	sqrt(x)	0.01	Param.
Selenium (mg/L)	MW-33	0.01594	0.007262	0.05	No	15	0.0129	0.009636	0	None	ln(x)	0.01	Param.
Selenium (mg/L)	MW-34D	0.005	0.0016	0.05	No	12	0.003833	0.001525	50	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-35	0.01413	0.005261	0.05	No	14	0.01042	0.008585	7.143	None	x^(1/3)	0.01	Param.
Selenium (mg/L)	MW-51	0.004732	0.001823	0.05	No	10	0.0037	0.001751	20	Kaplan-Meier	No	0.01	Param.
Thallium (mg/L)	HGWC-14	0.0003	0.00027	0.002	No	29	0.0003099	0.00006887	6.897	None	No	0.01	NP (normality)
Thallium (mg/L)	HGWC-15	0.0005	0.00022	0.002	No	29	0.0004903	0.00005199	96.55	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-17	0.0005	0.00025	0.002	No	29	0.0003983	0.0001696	72.41	None	No	0.01	NP (NDs)
Thallium (mg/L)	HGWC-18	0.0005	0.00019	0.002	No	29	0.0003631	0.0001667	58.62	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-33	0.001	0.00023	0.002	No	15	0.0004647	0.0003372	26.67	None	No	0.01	NP (normality)
Thallium (mg/L)	MW-34D	0.0005	0.00015	0.002	No	12	0.0004708	0.000101	91.67	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-35	0.0005	0.00013	0.002	No	14	0.0004736	0.00009889	92.86	None	No	0.01	NP (NDs)

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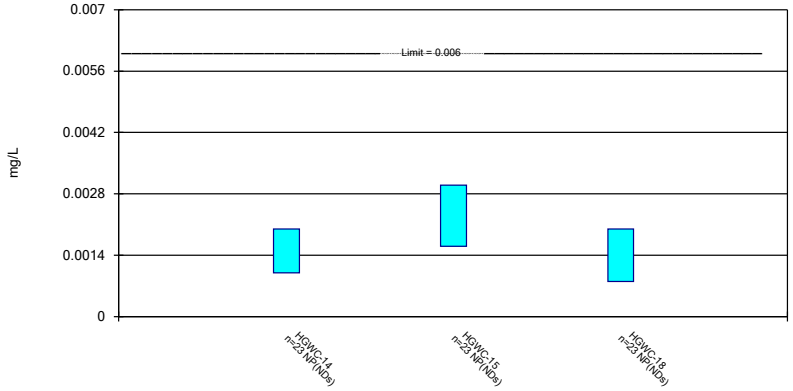
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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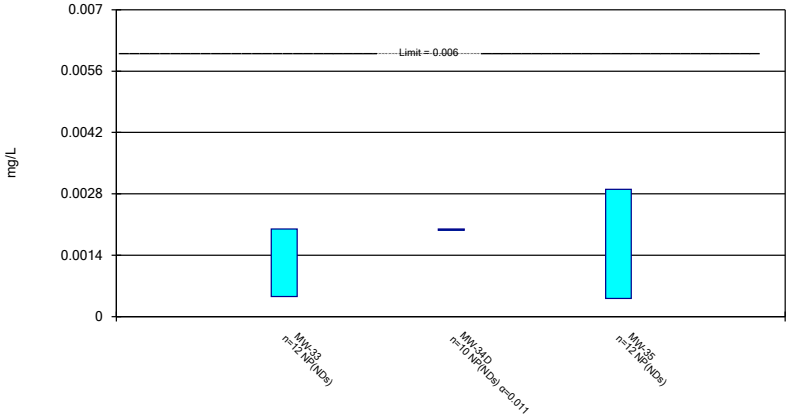
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Antimony Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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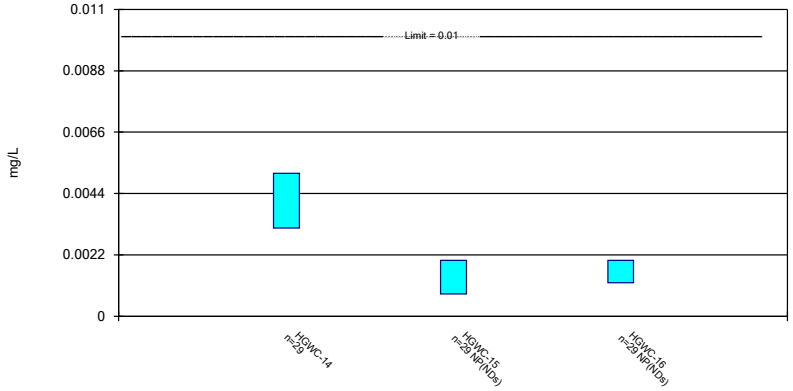
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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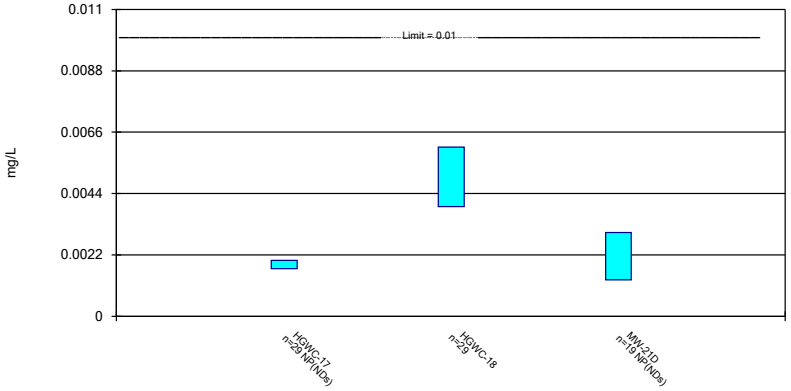
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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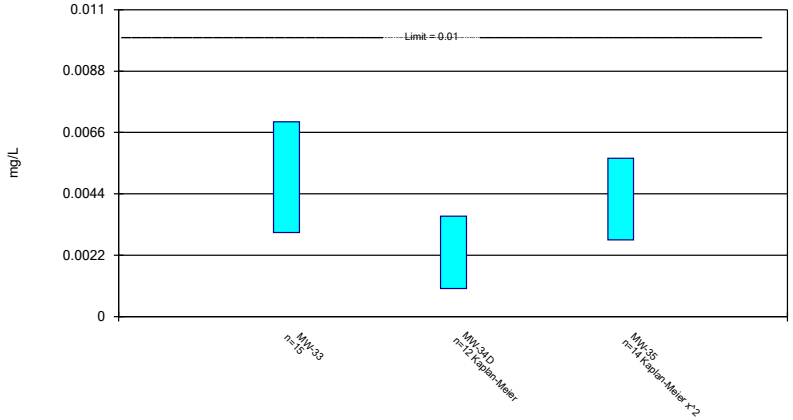
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Arsenic Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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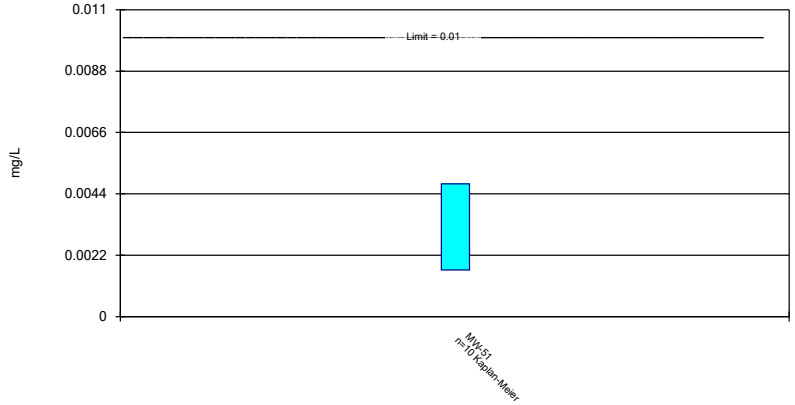
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



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Plant Hammond Client: Southern Company Data: Hammond AP2

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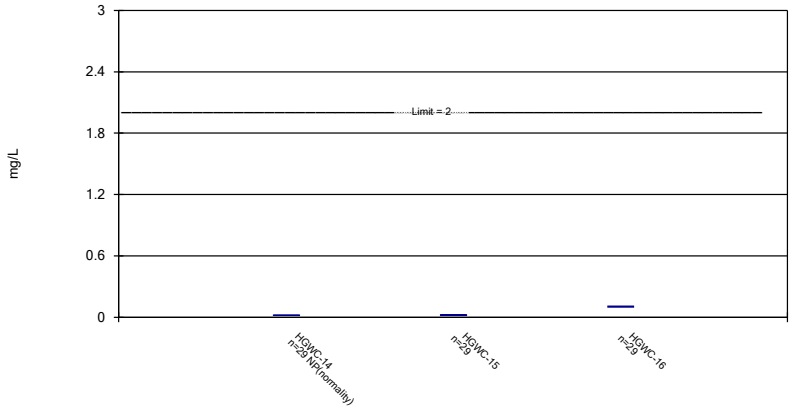
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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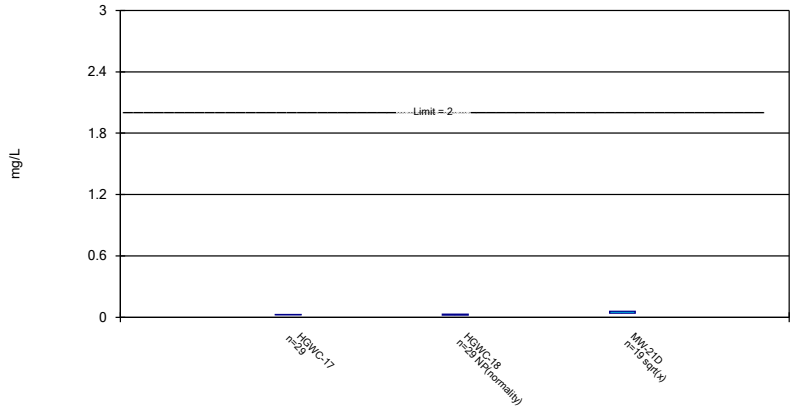
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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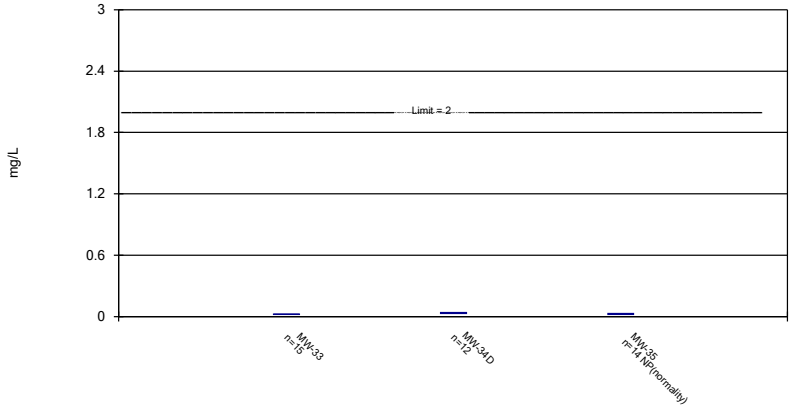
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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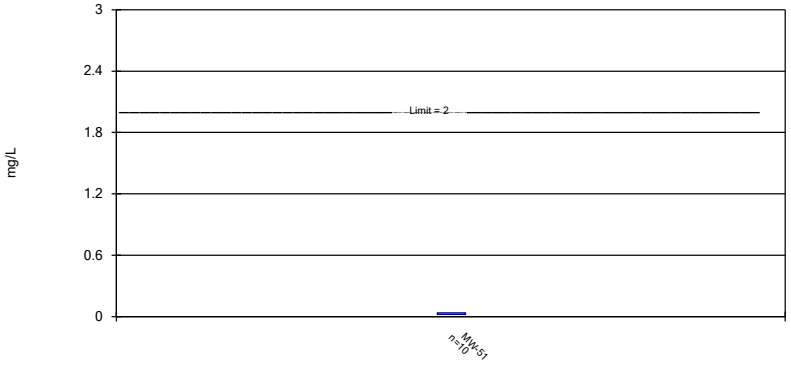
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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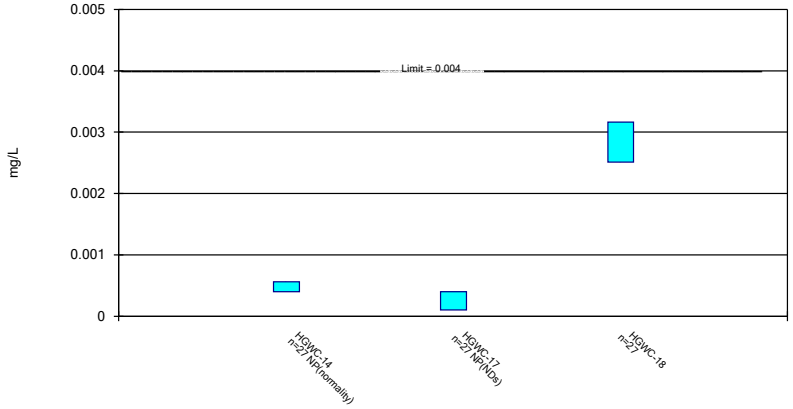
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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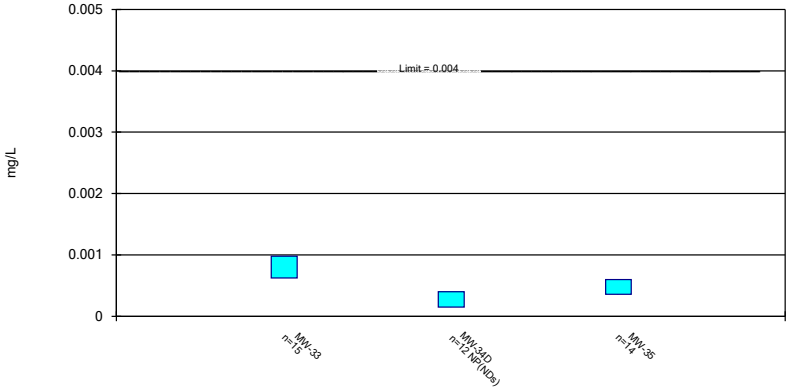
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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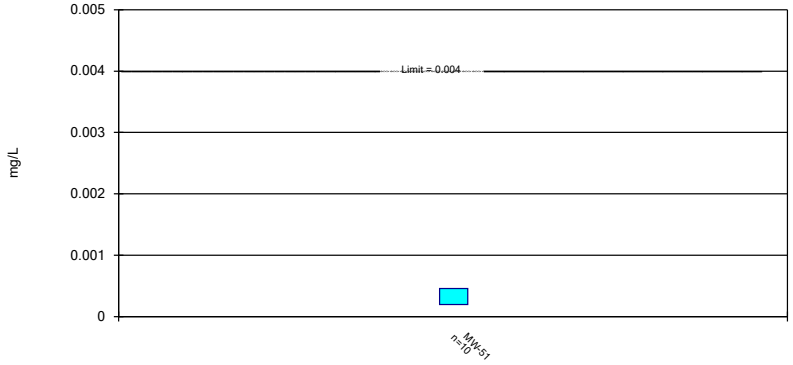
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Beryllium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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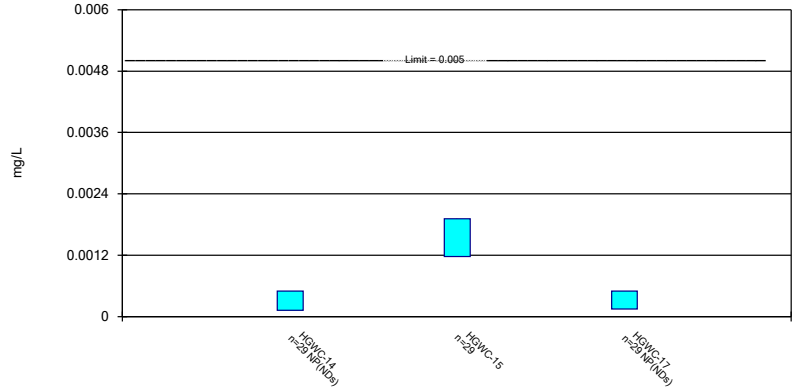
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cadmium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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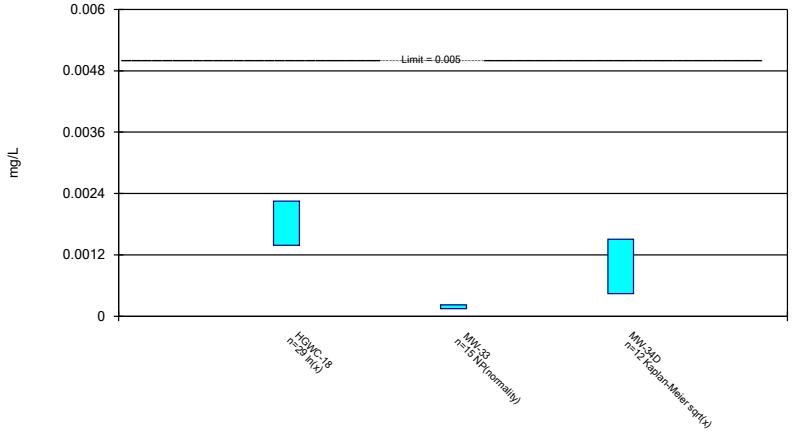
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cadmium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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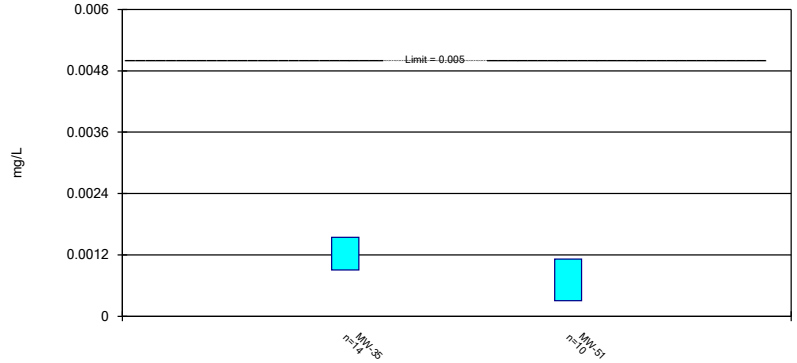
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cadmium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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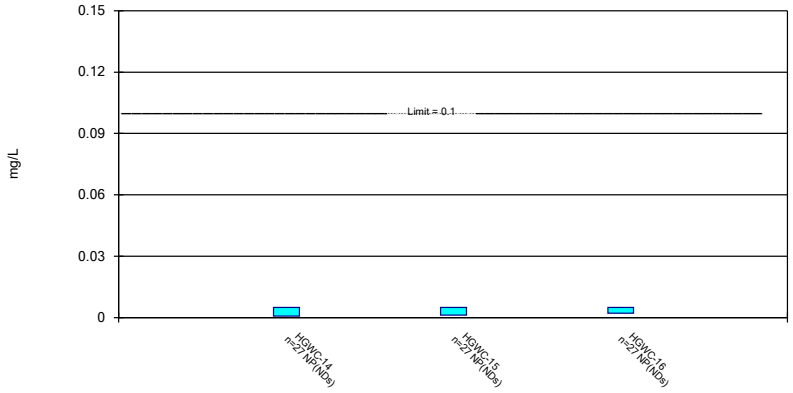
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Chromium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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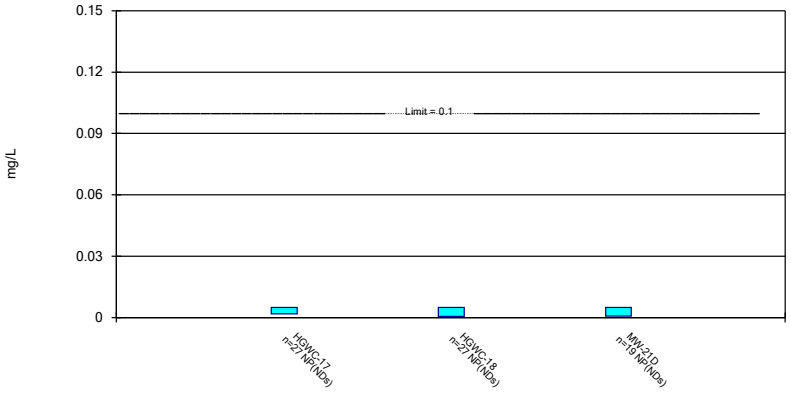
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Chromium Analysis Run 4/8/2026 10:04 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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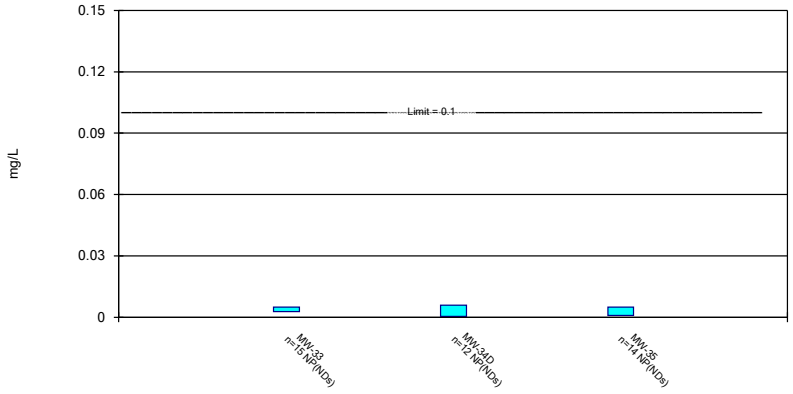
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



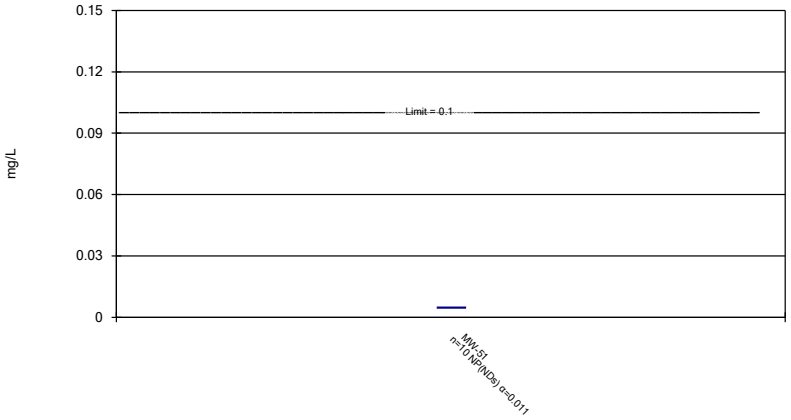
Constituent: Chromium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



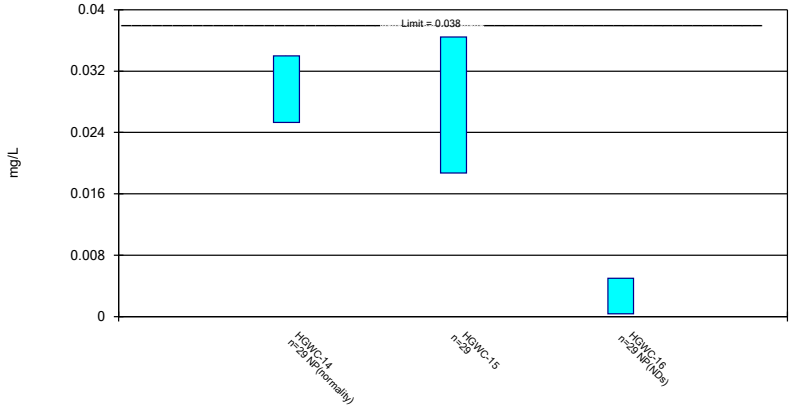
Constituent: Chromium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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: Cobalt Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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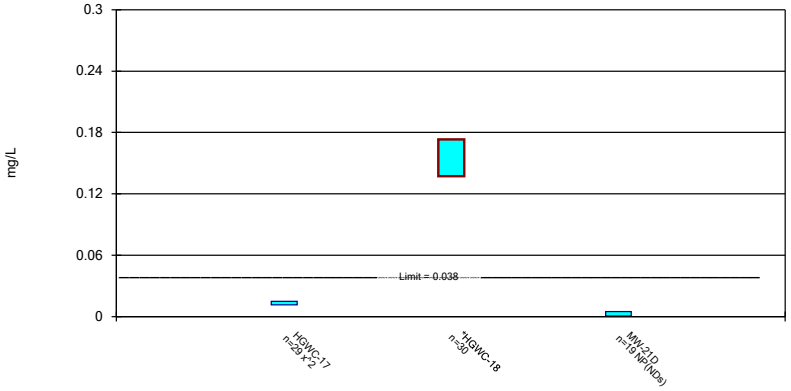
Parametric and Non-Parametric (NP) Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



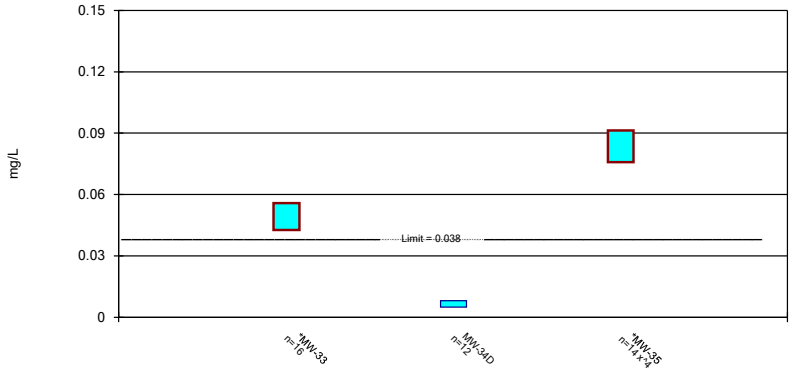
Constituent: Cobalt Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance limit is exceeded.* Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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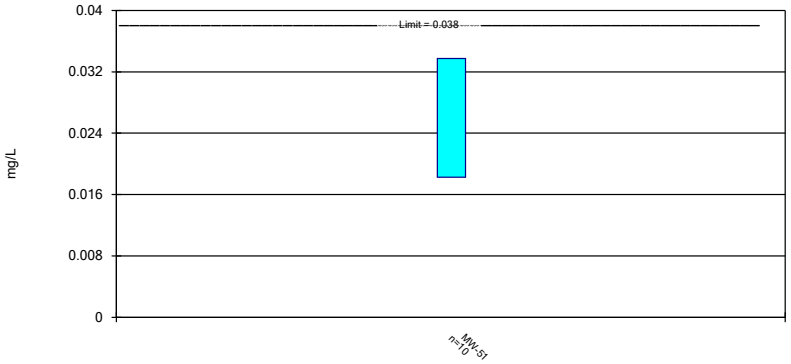
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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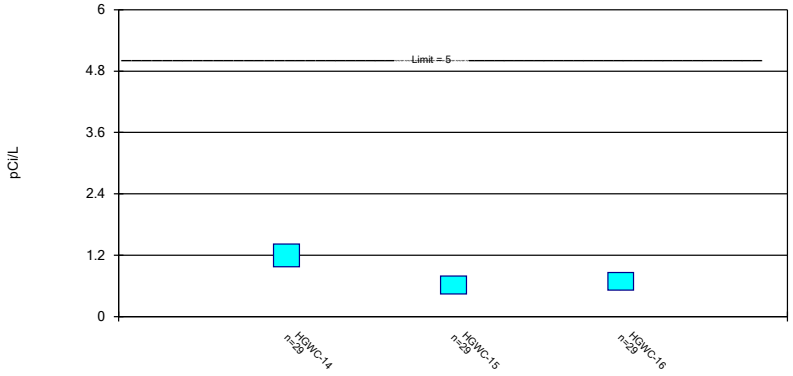
Parametric Confidence Interval

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 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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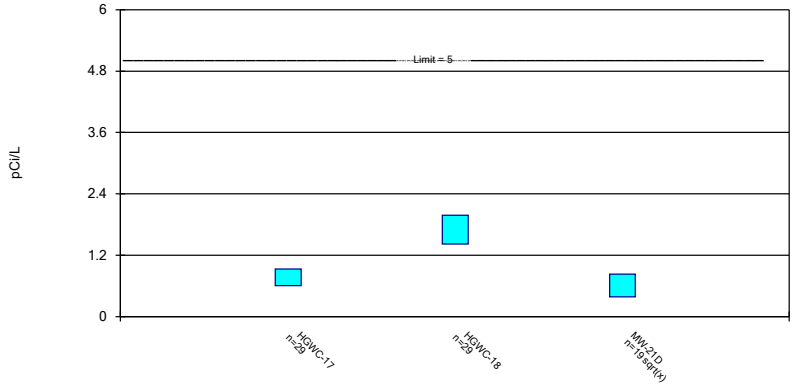
Parametric Confidence Interval

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 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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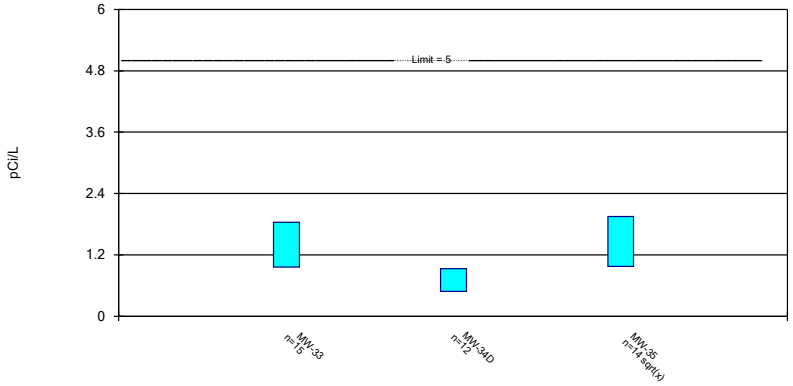
Parametric Confidence Interval

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 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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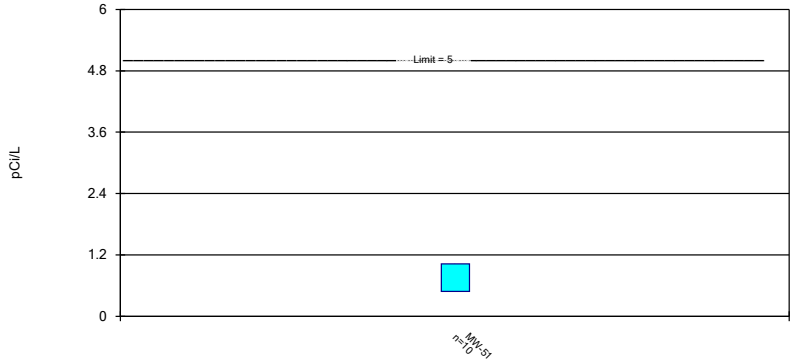
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



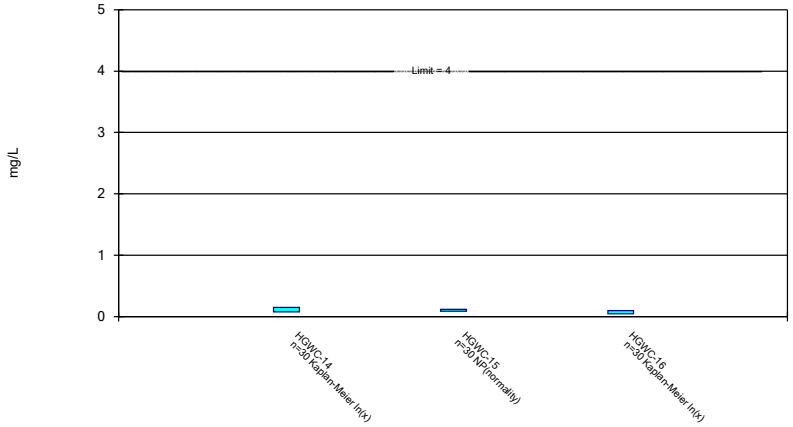
Constituent: Combined Radium 226 + 228 Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



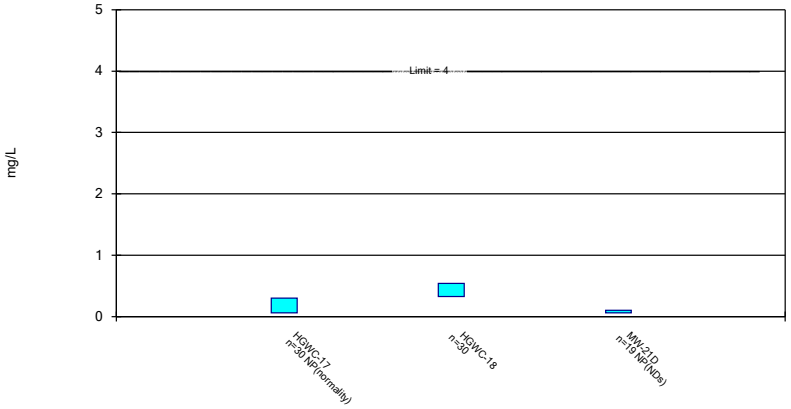
Constituent: Fluoride Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



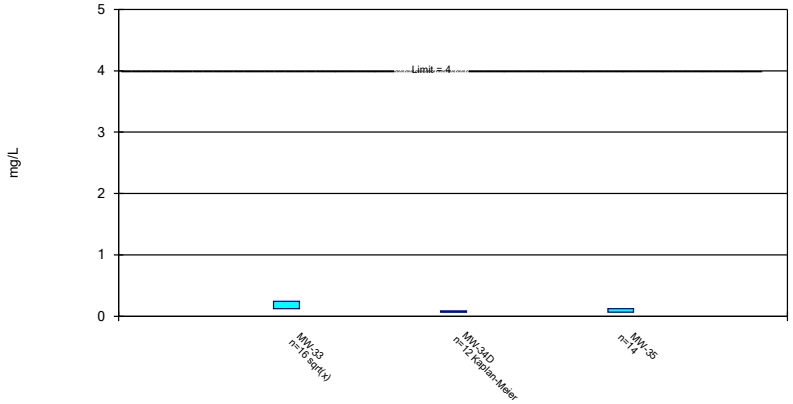
Constituent: Fluoride Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

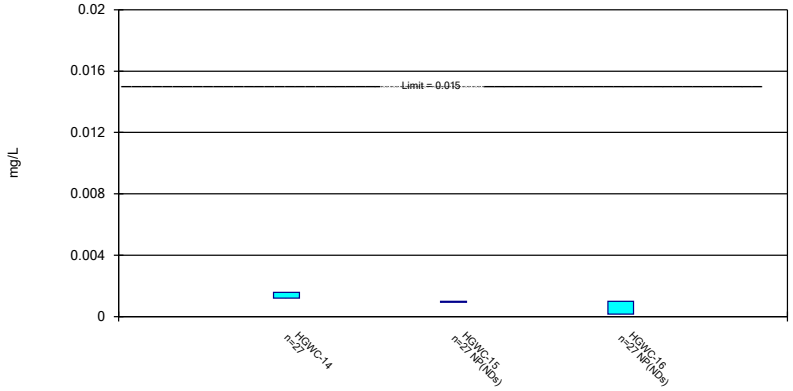
Constituent: Fluoride Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



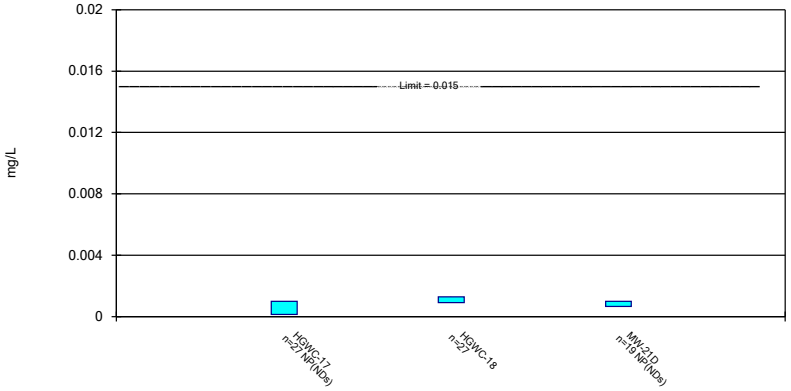
Constituent: Lead Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



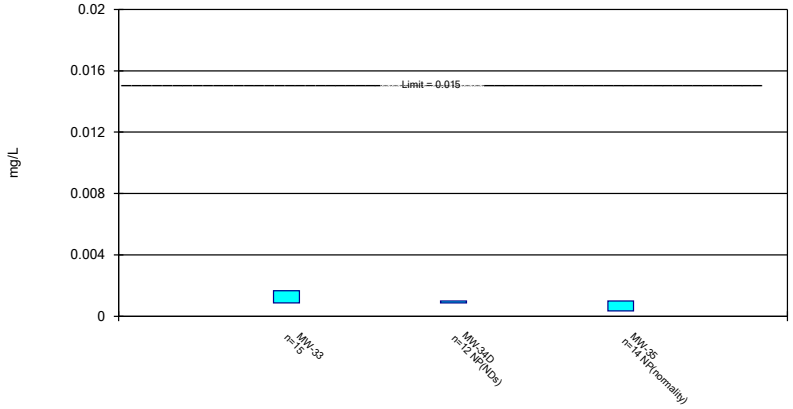
Constituent: Lead Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



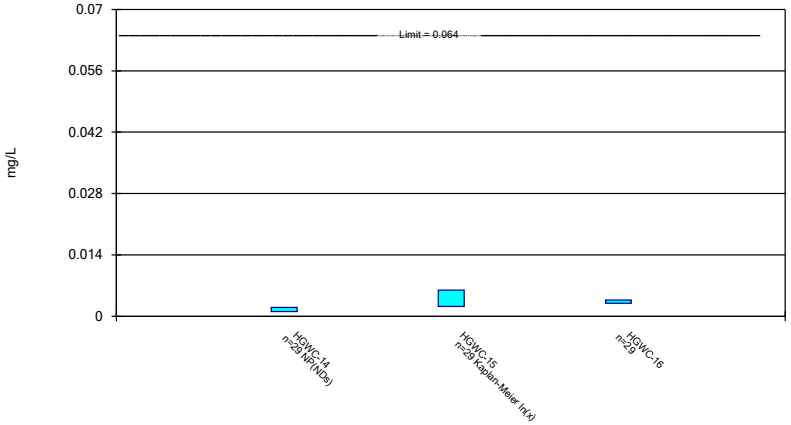
Constituent: Lead Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



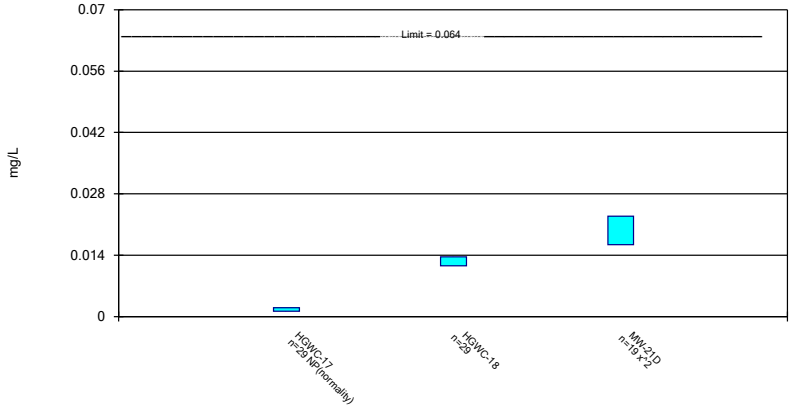
Constituent: Lithium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



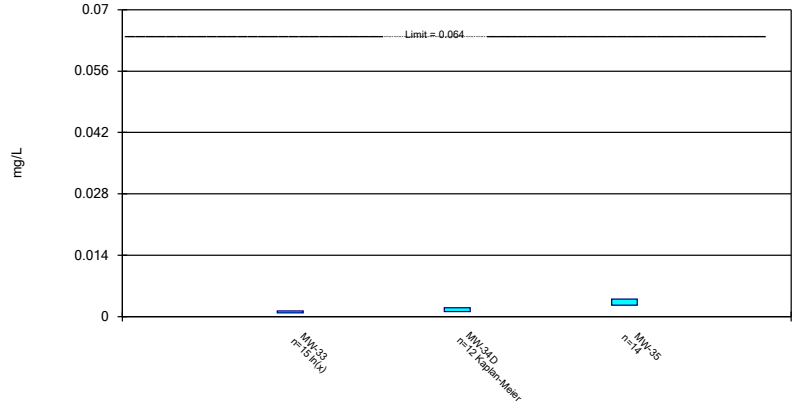
Constituent: Lithium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



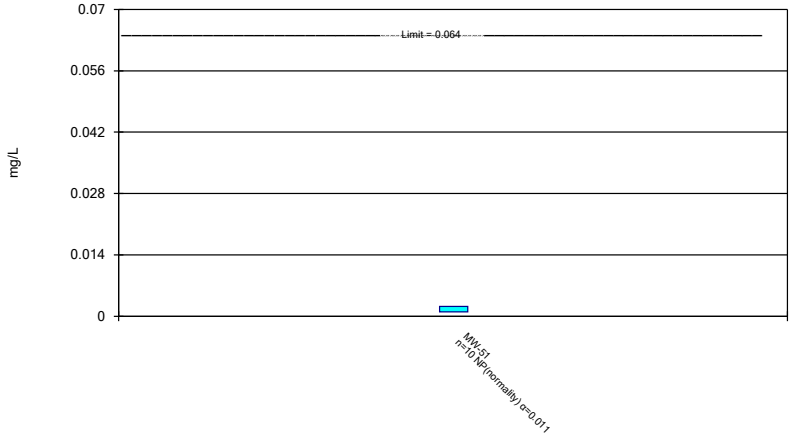
Constituent: Lithium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



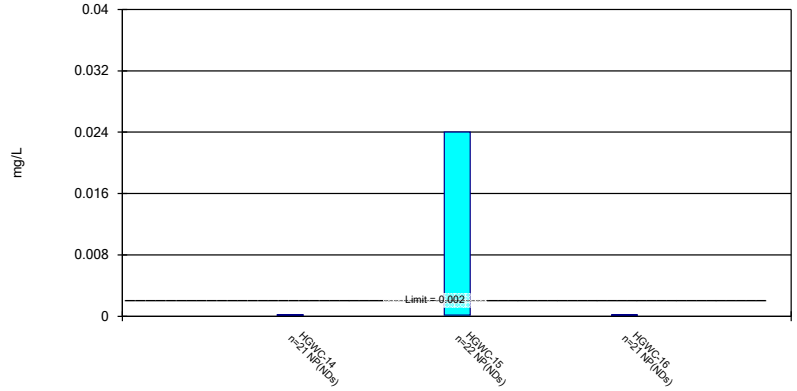
Constituent: Lithium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



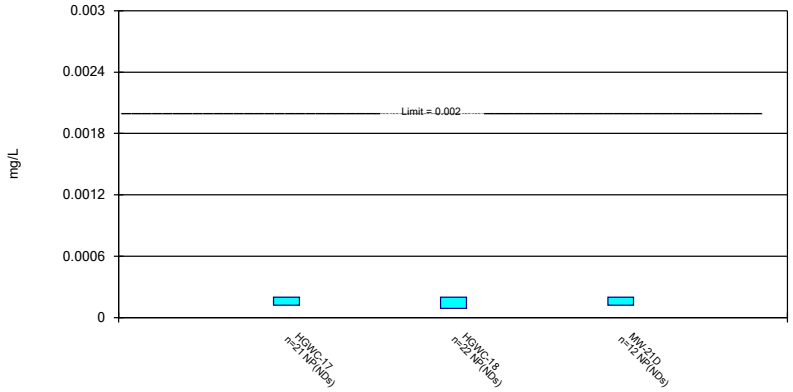
Constituent: Mercury Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



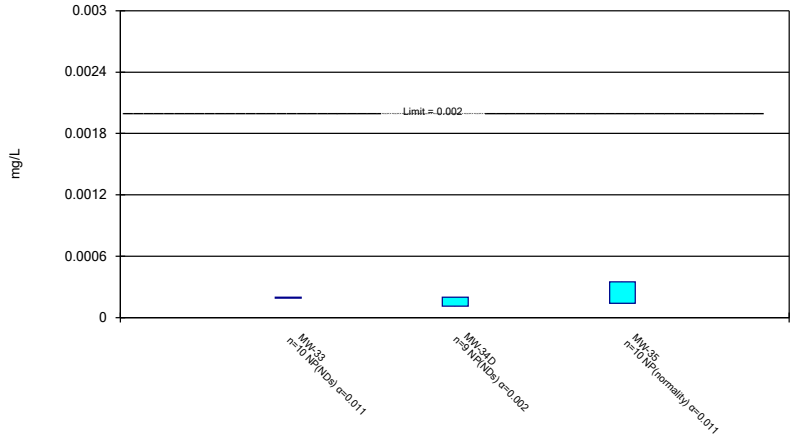
Constituent: Mercury Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



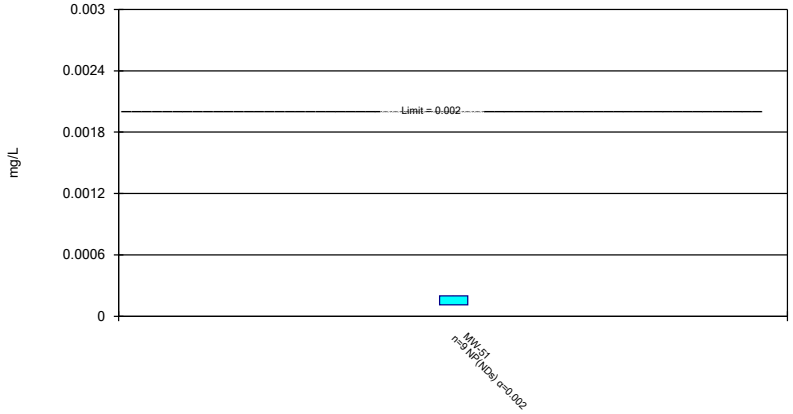
Constituent: Mercury Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Sanitas™ v.10.1.06 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded.



Constituent: Mercury Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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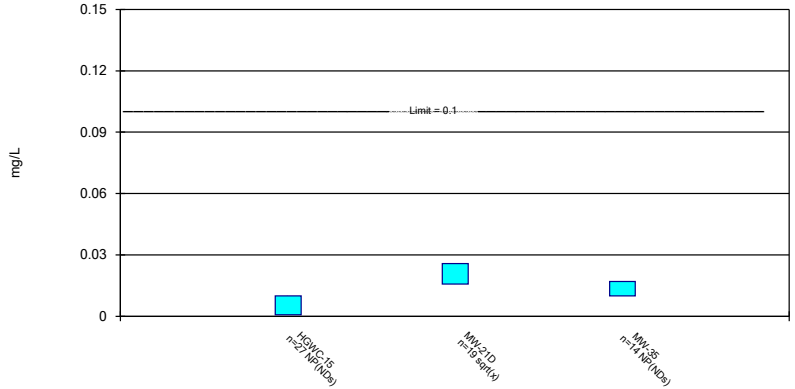
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Molybdenum Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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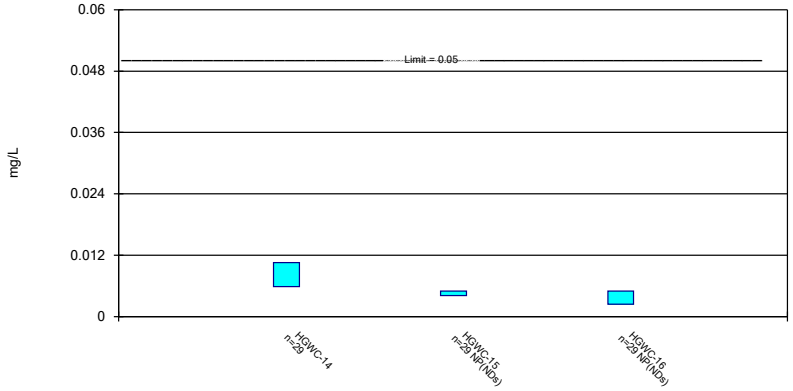
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Selenium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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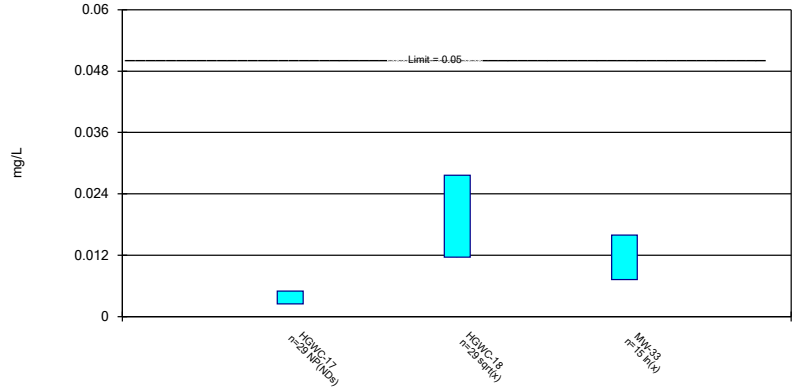
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



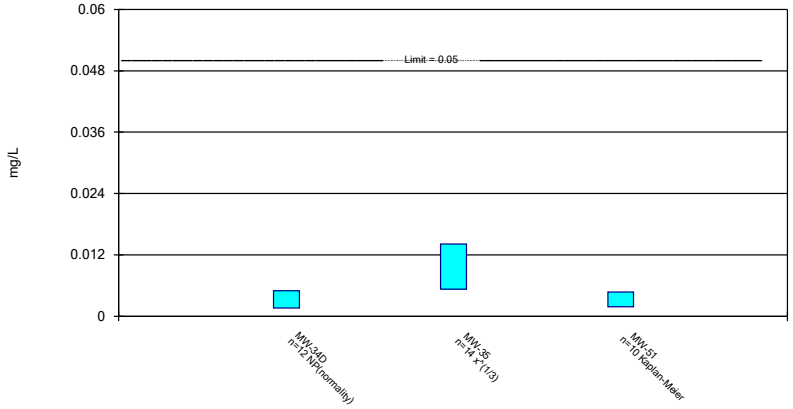
Constituent: Selenium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.



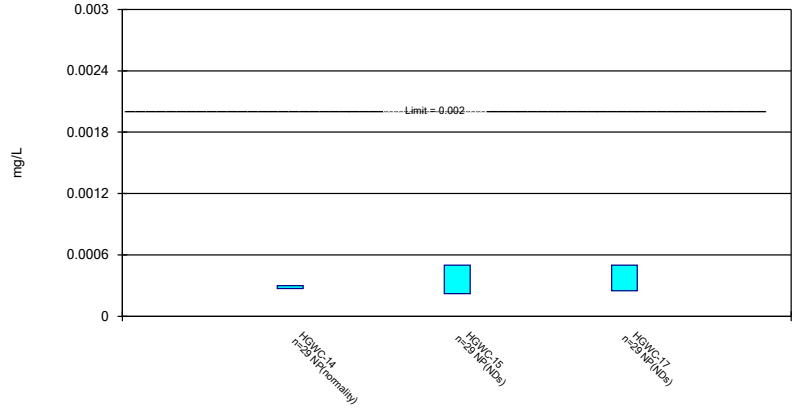
Constituent: Selenium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

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.

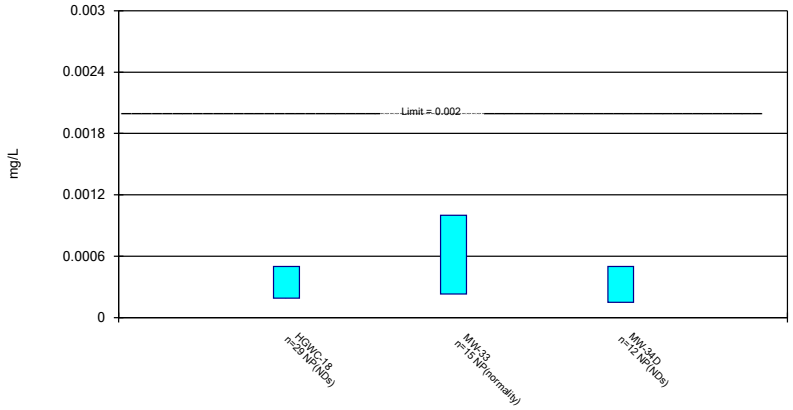


Constituent: Thallium Analysis Run 4/8/2026 10:05 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

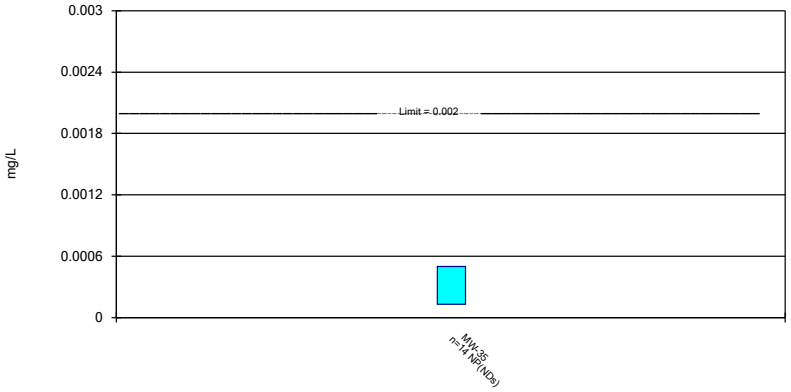


Constituent: Thallium Analysis Run 4/8/2026 10:06 AM View: Confidence Interval
Plant Hammond Client: Southern Company Data: Hammond AP2

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: Thallium Analysis Run 4/8/2026 10:06 AM View: Confidence Interval
Plant Hammond Client: Southern Company Data: Hammond AP2

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-18
5/23/2016	<0.002	<0.003	
5/24/2016			<0.002
7/12/2016	0.0003 (J)	<0.003	<0.002
9/1/2016	<0.002	<0.003	<0.002
10/24/2016	<0.002	<0.003	
10/25/2016			<0.002
12/7/2016	<0.002	<0.003	
12/8/2016			<0.002
1/26/2017	<0.002	<0.003	<0.002
3/23/2017	<0.002	<0.003	<0.002
5/24/2017	<0.002	<0.003	
5/25/2017			<0.002
4/3/2018		<0.003	<0.002
4/4/2018	<0.002		
3/14/2019	<0.002	<0.003	<0.002
3/3/2020	<0.002	<0.003	<0.002
2/11/2021	0.00043 (J)		<0.002
2/12/2021		<0.003	
3/16/2021		<0.003	
3/17/2021	<0.002		
3/18/2021			<0.002
8/18/2021	<0.002		
8/19/2021		<0.003	0.0008 (J)
2/8/2022		0.002 (J)	<0.002
2/9/2022	<0.002		
8/10/2022			<0.002
8/11/2022	0.001 (J)	0.0016 (J)	
2/1/2023	<0.002	0.0021 (J)	<0.002
8/13/2023	0.0032	0.0027 (J)	<0.002
2/17/2024	<0.002	0.0014 (J)	
2/18/2024			<0.002
8/8/2024		0.001 (J)	
8/9/2024			<0.002
8/10/2024	<0.002		
2/17/2025		0.00056 (J)	
2/18/2025	<0.002		<0.002
8/8/2025	0.00052 (J)	0.00071 (J)	<0.002
2/6/2026		0.00071 (J)	<0.002
2/7/2026	<0.002		
Mean	0.001802	0.002382	0.001948
Std. Dev.	0.0006426	0.0009063	0.0002502
Upper Lim.	0.002	0.003	0.002
Lower Lim.	0.001	0.0016	0.0008

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
2/12/2021	0.00046 (J)		
2/15/2021			0.00041 (J)
3/18/2021	<0.002		
3/19/2021			<0.002
8/16/2021		<0.002	
8/18/2021	<0.002		<0.002
2/8/2022	<0.002		0.0029 (J)
2/9/2022		<0.002	
8/10/2022	<0.002	<0.002	
8/11/2022			<0.002
1/27/2023	<0.002		
1/30/2023		0.0018 (J)	
2/1/2023			<0.002
8/12/2023		<0.002	<0.002
8/13/2023	<0.002		
2/18/2024	<0.002	<0.002	
2/19/2024			<0.002
8/9/2024	<0.002		<0.002
8/10/2024		<0.002	
2/16/2025	<0.002		
2/18/2025		<0.002	
3/6/2025			<0.002
8/8/2025	<0.002	<0.002	<0.002
2/6/2026	<0.002	<0.002	<0.002
Mean	0.001872	0.00198	0.001943
Std. Dev.	0.0004446	6.325E-05	0.0005476
Upper Lim.	0.002	0.002	0.0029
Lower Lim.	0.00046	0.002	0.00041

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	0.00268 (J)	<0.002	<0.002
7/12/2016	0.0059	<0.002	<0.002
9/1/2016	0.0056	<0.002	<0.002
10/24/2016	0.0058	<0.002	
10/25/2016			<0.002
12/7/2016	<0.002	<0.002	<0.002
1/26/2017	0.0089	<0.002	<0.002
3/22/2017			0.0005 (J)
3/23/2017	0.0069	0.0008 (J)	
5/24/2017	0.0048 (J)	<0.002	<0.002
4/3/2018		<0.002	<0.002
4/4/2018	0.0052		
6/6/2018	0.0059	<0.002	<0.002
10/3/2018	0.0032 (J)	<0.002	<0.002
3/14/2019	0.0029 (J)	<0.002	
3/15/2019			<0.002
4/4/2019		0.00017 (J)	0.0001 (J)
4/5/2019	<0.002		
9/24/2019	0.0039 (J)	0.00037 (J)	
9/25/2019			<0.002
3/3/2020	0.0035 (J)	<0.002	<0.002
3/26/2020		<0.002	
3/30/2020	0.0051		0.0011 (J)
9/17/2020		<0.002	<0.002
9/18/2020	0.0029 (J)		
2/10/2021			0.0012 (J)
2/11/2021	0.0062		
2/12/2021		<0.002	
3/16/2021		<0.002	
3/17/2021	<0.002		<0.002
8/18/2021	0.0035 (J)		
8/19/2021		<0.002	<0.002
2/8/2022		<0.002	<0.002
2/9/2022	0.0077		
8/10/2022			<0.002
8/11/2022	0.006	<0.002	
2/1/2023	0.004 (J)	<0.002	<0.002
8/13/2023	0.0048 (J)	<0.002	<0.002
2/17/2024	0.0026 (J)	<0.002	
2/18/2024			<0.002
8/8/2024		<0.002	
8/9/2024			<0.002
8/10/2024	0.005 (J)		
2/17/2025		<0.002	<0.002
2/18/2025	0.0017 (J)		
8/8/2025	<0.002	<0.002	<0.002
2/6/2026		0.00043 (J)	0.00056 (J)
2/7/2026	0.0014 (J)		
Mean	0.004141	0.001785	0.001774
Std. Dev.	0.002135	0.0005533	0.0005315
Upper Lim.	0.005119	0.002	0.002
Lower Lim.	0.003162	0.0008	0.0012

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.002		
5/24/2016		0.00294 (J)	
7/12/2016	<0.002	0.0074	
9/1/2016	<0.002	0.0073	
10/25/2016	<0.002	0.006	
12/7/2016	<0.002		
12/8/2016		0.007	
1/26/2017	<0.002	0.0068	
3/22/2017	0.0007 (J)		
3/23/2017		0.0082	
5/25/2017	0.0007 (J)	0.006	
4/3/2018	<0.002	0.0062	
6/5/2018		0.008	
6/6/2018	0.00097 (J)		
10/3/2018	<0.002	0.0039 (J)	
3/14/2019		0.0036 (J)	
3/15/2019	<0.002		<0.002
4/4/2019			0.00019 (J)
4/5/2019	<0.002	0.0015 (J)	
9/25/2019	<0.002	0.0044 (J)	<0.002
3/3/2020	<0.002	0.0057	<0.002
3/31/2020	0.0008 (J)	0.0056	
4/1/2020			0.0013 (J)
6/17/2020			<0.002
9/15/2020		0.0074	
9/16/2020	<0.002		
9/21/2020			<0.002
2/11/2021	0.0012 (J)	0.0069	0.001 (J)
3/18/2021	<0.002	0.0083 (J)	<0.002
8/18/2021	<0.002		
8/19/2021		0.0045 (J)	<0.002
2/8/2022	0.0017 (J)	0.005 (J)	<0.002
8/10/2022	<0.002	0.0058	
8/11/2022			0.003 (J)
1/27/2023			<0.002
1/30/2023	0.0028 (J)		
2/1/2023		0.0036 (J)	
8/12/2023			<0.002
8/13/2023	<0.002	0.0059 (J)	
2/17/2024	<0.002		
2/18/2024		0.0027 (J)	<0.002
8/8/2024	<0.002		
8/9/2024		0.00092 (J)	<0.002
2/16/2025	<0.002		
2/18/2025		<0.002	<0.002
8/8/2025	<0.002	<0.002	<0.002
2/6/2026	0.00086 (J)	0.0014 (J)	<0.002
Mean	0.001784	0.004999	0.001868
Std. Dev.	0.0005069	0.002335	0.0005495
Upper Lim.	0.002	0.006068	0.003
Lower Lim.	0.0017	0.003929	0.0013

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
4/1/2020	0.0061		
6/17/2020	0.0031 (J)		
6/18/2020		0.0032 (J)	0.005 (J)
9/21/2020	0.0083		0.0059
9/23/2020		0.001 (J)	
2/12/2021	0.0059		
2/15/2021			0.005
3/18/2021	0.0054 (J)		
3/19/2021			<0.002
8/16/2021		0.0024 (J)	
8/18/2021	0.0058		0.0043 (J)
2/8/2022	0.0069		0.0072
2/9/2022		0.0054	
8/10/2022	<0.025	0.0045 (J)	
8/11/2022			<0.002
1/27/2023	0.0031 (J)		
1/30/2023		0.0047 (J)	
2/1/2023			0.006
8/12/2023		<0.002	0.0045 (J)
8/13/2023	0.0059 (J)		
2/18/2024	0.0024 (J)	0.00099 (J)	
2/19/2024			0.0073
8/9/2024	0.0041 (J)		0.0059
8/10/2024		0.0045 (J)	
2/16/2025	0.0021 (J)		
2/18/2025		<0.002	
3/6/2025			<0.002
8/8/2025	0.0013 (J)	<0.002	<0.002
2/6/2026	0.002 (J)	0.00099 (J)	<0.002
Mean	0.004993	0.002807	0.004364
Std. Dev.	0.002931	0.001601	0.002016
Upper Lim.	0.006979	0.003595	0.005677
Lower Lim.	0.003007	0.001006	0.002745

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	0.002 (J)
2/8/2022	0.0046 (J)
8/11/2022	0.0043 (J)
2/1/2023	0.0041 (J)
8/12/2023	<0.002
2/19/2024	0.0067
8/9/2024	0.0042 (J)
3/6/2025	<0.002
8/8/2025	<0.002
2/7/2026	0.0013 (J)
Mean	0.00332
Std. Dev.	0.001715
Upper Lim.	0.004757
Lower Lim.	0.001673

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	<0.25	0.0315 (J)	0.0841
7/12/2016	0.0214	0.0372	0.0886
9/1/2016	0.0208	0.0364	0.0934
10/24/2016	0.0208	0.0326	
10/25/2016			0.0991
12/7/2016	0.022	0.0301	0.101
1/26/2017	0.0238	0.0287	0.105
3/22/2017			0.11
3/23/2017	0.0244	0.0329	
5/24/2017	0.0228	0.0283	0.106
4/3/2018		0.019	0.099
4/4/2018	0.021		
6/6/2018	0.022	0.022	0.11
10/3/2018	0.02	0.025	0.11
3/14/2019	0.019	0.021	
3/15/2019			0.13
4/4/2019		0.018	0.11
4/5/2019	0.016		
9/24/2019	0.021	0.019	
9/25/2019			0.11
3/3/2020	0.018	0.018	0.12
3/26/2020		0.016	
3/30/2020	0.02		0.11
9/17/2020		0.017	0.11
9/18/2020	0.019		
2/10/2021			0.11
2/11/2021	0.02		
2/12/2021		0.014	
3/16/2021		0.012	
3/17/2021	0.023		0.12
8/18/2021	0.018		
8/19/2021		0.01	0.1
2/8/2022		0.0098	0.1
2/9/2022	0.017		
8/10/2022			0.1
8/11/2022	0.017	0.015	
2/1/2023	0.017	0.021	0.11
8/13/2023	0.016	0.011	0.099
2/17/2024	0.02	0.017	
2/18/2024			0.098
8/8/2024		0.0094	
8/9/2024			0.086
8/10/2024	0.015		
2/17/2025		0.017	0.098
2/18/2025	0.016		
8/8/2025	0.017	0.012	0.087
2/6/2026		0.022	0.09
2/7/2026	0.016		
Mean	0.02307	0.02079	0.1032
Std. Dev.	0.01978	0.008292	0.01079
Upper Lim.	0.0214	0.02459	0.1082
Lower Lim.	0.017	0.01699	0.09831

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	0.0222 (J)		
5/24/2016		<0.2	
7/12/2016	0.0221	0.0346	
9/1/2016	0.0227	0.0336	
10/25/2016	0.0225	0.0349	
12/7/2016	0.0227		
12/8/2016		0.0339	
1/26/2017	0.0229	0.0293	
3/22/2017	0.0248		
3/23/2017		0.0313	
5/25/2017	0.0255	0.0336	
4/3/2018	0.025	0.028	
6/5/2018		0.03	
6/6/2018	0.028		
10/3/2018	0.028	0.032	
3/14/2019		0.029	
3/15/2019	0.029		0.09
4/4/2019			0.075
4/5/2019	0.022	0.021	
9/25/2019	0.025	0.03	0.066
3/3/2020	0.026	0.026	0.058
3/31/2020	0.029	0.029	
4/1/2020			0.066
6/17/2020			0.054
9/15/2020		0.03	
9/16/2020	0.025		
9/21/2020			0.049
2/11/2021	0.025	0.03	0.044
3/18/2021	0.027	0.031	0.047
8/18/2021	0.022		
8/19/2021		0.031	0.042
2/8/2022	0.021	0.02	0.033
8/10/2022	0.027	0.026	
8/11/2022			0.037
1/27/2023			0.031
1/30/2023	0.03		
2/1/2023		0.019	
8/12/2023			0.033
8/13/2023	0.025	0.026	
2/17/2024	0.023		
2/18/2024		0.02	0.034
8/8/2024	0.023		
8/9/2024		0.021	0.035
2/16/2025	0.03		
2/18/2025		0.016	0.045
8/8/2025	0.027	0.017	0.04
2/6/2026	0.029	0.018	0.044
Mean	0.02522	0.0297	0.04858
Std. Dev.	0.002721	0.01468	0.01605
Upper Lim.	0.02647	0.0313	0.05666
Lower Lim.	0.02397	0.021	0.03906

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
4/1/2020	0.027		
6/17/2020	0.024		
6/18/2020		0.044	0.029
9/21/2020	0.024		0.028
9/23/2020		0.038	
2/12/2021	0.025		
2/15/2021			0.026
3/18/2021	0.029		
3/19/2021			0.032
8/16/2021		0.035	
8/18/2021	0.025		0.025
2/8/2022	0.02		0.023
2/9/2022		0.04	
8/10/2022	0.02 (J)	0.046	
8/11/2022			0.022 (J)
1/27/2023	0.018		
1/30/2023		0.04	
2/1/2023			0.022
8/12/2023		0.033	0.021
8/13/2023	0.023		
2/18/2024	0.016	0.033	
2/19/2024			0.021
8/9/2024	0.027		0.021
8/10/2024		0.032	
2/16/2025	0.016		
2/18/2025		0.03	
3/6/2025			0.024
8/8/2025	0.017	0.024	0.025
2/6/2026	0.019	0.027	0.046
Mean	0.022	0.03517	0.02607
Std. Dev.	0.004276	0.006658	0.006627
Upper Lim.	0.0249	0.04039	0.029
Lower Lim.	0.0191	0.02994	0.021

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	0.032
2/8/2022	0.046
8/11/2022	0.028
2/1/2023	0.033
8/12/2023	0.026
2/19/2024	0.028
8/9/2024	0.026
3/6/2025	0.024
8/8/2025	0.02
2/7/2026	0.02
Mean	0.0283
Std. Dev.	0.007573
Upper Lim.	0.03506
Lower Lim.	0.02154

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-17	HGWC-18
5/23/2016	<0.003	<0.0004	
5/24/2016			0.00278 (J)
7/12/2016	0.0005 (J)	<0.0004	0.0032
9/1/2016	0.0005 (J)	<0.0004	0.0034
10/24/2016	0.0005 (J)		
10/25/2016		<0.0004	0.0034
12/7/2016	0.0006 (J)	<0.0004	
12/8/2016			0.0033
1/26/2017	0.0005 (J)	<0.0004	0.0034
3/22/2017		<0.0004	
3/23/2017	0.0006 (J)		0.0036
5/24/2017	0.0005 (J)		
5/25/2017		<0.0004	0.0036
4/3/2018		<0.0004	<0.003
4/4/2018	<0.003		
3/14/2019	0.00043 (J)		0.0026 (J)
3/15/2019		<0.0004	
4/5/2019	0.00027 (J)	<0.0004	0.0022 (J)
9/24/2019	0.00044 (J)		
9/25/2019		<0.0004	0.0031
3/3/2020	0.00043 (J)	<0.0004	0.0029 (J)
3/30/2020	0.00043 (J)		
3/31/2020		<0.0004	0.003
9/15/2020			0.0033
9/16/2020		<0.0004	
9/18/2020	0.00043 (J)		
2/11/2021	0.00044 (J)	6.7E-05 (J)	0.0036
3/17/2021	0.00058		
3/18/2021		4.8E-05 (J)	0.0038
8/18/2021	0.00039 (J)	<0.0004	
8/19/2021			0.0034
2/8/2022		<0.0004	0.0026
2/9/2022	0.00056		
8/10/2022		6E-05 (J)	0.0032
8/11/2022	0.00039 (J)		
1/30/2023		5.7E-05 (J)	
2/1/2023	0.00039 (J)		0.002
8/13/2023	0.0004 (J)	0.0001 (J)	0.003
2/17/2024	0.00044 (J)	<0.0004	
2/18/2024			0.0022
8/8/2024		<0.0004	
8/9/2024			0.0021
8/10/2024	0.00047 (J)		
2/16/2025		<0.0004	
2/18/2025	0.00038 (J)		0.0015
8/8/2025	0.00039 (J)	<0.0004	0.0017
2/6/2026		<0.0004	0.0022
2/7/2026	0.00039 (J)		
Mean	0.0005315	0.0003382	0.002836
Std. Dev.	0.0002891	0.0001323	0.0006851
Upper Lim.	0.00056	0.0004	0.003163
Lower Lim.	0.0004	0.0001	0.002509

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
4/1/2020	0.0011 (J)		
6/17/2020	0.00099 (J)		
6/18/2020		0.00015 (J)	0.00032 (J)
9/21/2020	0.0009 (J)		0.0004 (J)
9/23/2020		<0.0004	
2/12/2021	0.001 (J)		
2/15/2021			0.0006 (J)
3/18/2021	0.0011		
3/19/2021			0.00061
8/16/2021		<0.0004	
8/18/2021	0.00097		0.00061
2/8/2022	0.00087 (J)		0.0007 (J)
2/9/2022		6.5E-05 (J)	
8/10/2022	0.0008	<0.0004	
8/11/2022			0.00066 (J)
1/27/2023	0.00019 (J)		
1/30/2023		<0.0004	
2/1/2023			0.00049 (J)
8/12/2023		<0.0004	0.00041 (J)
8/13/2023	0.00099		
2/18/2024	0.00059	<0.0004	
2/19/2024			0.00064
8/9/2024	0.00084		0.00053
8/10/2024		<0.0004	
2/16/2025	0.00048 (J)		
2/18/2025		<0.0004	
3/6/2025			0.00033 (J)
8/8/2025	0.00063	<0.0004	0.0002 (J)
2/6/2026	0.00057	<0.0004	<0.0004
Mean	0.0008013	0.0003512	0.0004786
Std. Dev.	0.0002588	0.0001153	0.0001695
Upper Lim.	0.0009767	0.0004	0.0005986
Lower Lim.	0.0006259	0.00015	0.0003585

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

Confidence Interval

Constituent: Beryllium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	0.00042 (J)
2/8/2022	0.00011 (J)
8/11/2022	0.00028 (J)
2/1/2023	0.00028 (J)
8/12/2023	0.00012 (J)
2/19/2024	0.00047 (J)
8/9/2024	0.00028 (J)
3/6/2025	0.00041 (J)
8/8/2025	0.00033 (J)
2/7/2026	0.00056
Mean	0.000326
Std. Dev.	0.0001441
Upper Lim.	0.0004546
Lower Lim.	0.0001974

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-17
5/23/2016	0.000139 (J)	0.00271 (J)	<0.0005
7/12/2016	<0.0005	0.0019	<0.0005
9/1/2016	0.0001 (J)	0.0017	<0.0005
10/24/2016	0.0002 (J)	0.0018	
10/25/2016			<0.0005
12/7/2016	0.0001 (J)	0.0018	<0.0005
1/26/2017	0.0001 (J)	0.0013	<0.0005
3/22/2017			7E-05 (J)
3/23/2017	0.0002 (J)	0.002	
5/24/2017	0.0001 (J)	0.0041	
5/25/2017			<0.0005
4/3/2018		0.0022	<0.0005
4/4/2018	<0.0005		
6/6/2018	0.00012 (J)	0.0021	<0.0005
10/3/2018	0.0001 (J)	0.0026	<0.0005
3/14/2019	<0.0005	0.0024	
3/15/2019			<0.0005
4/4/2019		0.0018	
4/5/2019	7.9E-05 (J)		<0.0005
9/24/2019	<0.0005	0.0014 (J)	
9/25/2019			<0.0005
3/3/2020	<0.0005	0.0015 (J)	<0.0005
3/26/2020		0.0016 (J)	
3/30/2020	<0.0005		
3/31/2020			<0.0005
9/16/2020			<0.0005
9/17/2020		0.0016 (J)	
9/18/2020	<0.0005		
2/11/2021	<0.0005		<0.0005
2/12/2021		0.0014 (J)	
3/16/2021		0.0011	
3/17/2021	<0.0005		
3/18/2021			<0.0005
8/18/2021	0.00013 (J)		<0.0005
8/19/2021		0.0012	
2/8/2022		0.0011	<0.0005
2/9/2022	<0.0005		
8/10/2022			<0.0005
8/11/2022	<0.0005	0.00095	
1/30/2023			<0.0005
2/1/2023	<0.0005	0.00088	
8/13/2023	<0.0005	0.00033 (J)	<0.0005
2/17/2024	<0.0005	0.00084	<0.0005
8/8/2024		0.00037 (J)	<0.0005
8/10/2024	0.00011 (J)		
2/16/2025			0.00015 (J)
2/17/2025		0.00083	
2/18/2025	<0.0005		
8/8/2025	<0.0005	0.00031 (J)	<0.0005
2/6/2026		0.001	0.00011 (J)
2/7/2026	<0.0005		
Mean	0.0003441	0.001546	0.0004597

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-17
Std. Dev.	0.0001905	0.0008046	0.0001213
Upper Lim.	0.0005	0.001914	0.0005
Lower Lim.	0.00012	0.001177	0.00015

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-18	MW-33	MW-34D
5/24/2016	<0.02		
7/12/2016	0.0022		
9/1/2016	0.0024		
10/25/2016	0.0022		
12/8/2016	0.0024		
1/26/2017	0.0025		
3/23/2017	0.0025		
5/25/2017	0.0027		
4/3/2018	0.0022		
6/5/2018	0.0022		
10/3/2018	0.0027		
3/14/2019	0.0019		
4/5/2019	0.0017		
9/25/2019	0.0023 (J)		
3/3/2020	0.0021 (J)		
3/31/2020	0.0017 (J)		
4/1/2020		0.00022 (J)	
6/17/2020		0.00021 (J)	
6/18/2020			<0.0025
9/15/2020	0.0019 (J)		
9/21/2020		0.00016 (J)	
9/23/2020			<0.0025
2/11/2021	0.0016 (J)		
2/12/2021		0.00017 (J)	
3/18/2021	0.0015	0.00019 (J)	
8/16/2021			0.00023 (J)
8/18/2021		0.00017 (J)	
8/19/2021	0.0014		
2/8/2022	0.00076	0.00013 (J)	
2/9/2022			0.00072
8/10/2022	0.0017	<0.0025	0.00041 (J)
1/27/2023		0.00017 (J)	
1/30/2023			0.00047 (J)
2/1/2023	0.001		
8/12/2023			0.0029
8/13/2023	0.0017	0.0002 (J)	
2/18/2024	0.0015	0.00014 (J)	0.0008
8/9/2024	0.00096	0.00024 (J)	
8/10/2024			0.0015
2/16/2025		0.00015 (J)	
2/18/2025	0.00056		0.0022
8/8/2025	0.00084	0.0002 (J)	0.00059
2/6/2026	0.00095	0.00017 (J)	0.00074
Mean	0.002071	0.0002513	0.001297
Std. Dev.	0.001642	0.0002779	0.0009686
Upper Lim.	0.002253	0.00022	0.001505
Lower Lim.	0.001385	0.00015	0.00044

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

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-35	MW-51
6/18/2020	0.00053 (J)	
9/21/2020	0.001 (J)	
2/15/2021	0.0017 (J)	
3/19/2021	0.0018	
8/18/2021	0.0015	0.00094
2/8/2022	0.0015	0.00024 (J)
8/11/2022	0.0013 (J)	0.00045 (J)
2/1/2023	0.0017	0.0016
8/12/2023	0.0012	0.00019 (J)
2/19/2024	0.0013	0.00067
8/9/2024	0.0012	0.00038 (J)
3/6/2025	0.0014	0.0013
8/8/2025	0.00076	0.00065
2/6/2026	<0.0005	
2/7/2026		0.00071
Mean	0.001224	0.000713
Std. Dev.	0.0004538	0.0004553
Upper Lim.	0.001546	0.001119
Lower Lim.	0.0009029	0.0003067

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	<0.005	<0.005	<0.005
7/12/2016	<0.005	<0.005	<0.005
9/1/2016	<0.005	<0.005	<0.005
10/24/2016	<0.005	<0.005	
10/25/2016			<0.005
12/7/2016	<0.005	<0.005	<0.005
1/26/2017	<0.005	<0.005	<0.005
3/22/2017			0.0021 (J)
3/23/2017	<0.005	0.0005 (J)	
5/24/2017	<0.005	<0.005	<0.005
4/3/2018		<0.005	<0.005
4/4/2018	<0.005		
3/14/2019	<0.005	<0.005	
3/15/2019			<0.005
4/4/2019		<0.005	<0.005
4/5/2019	<0.005		
9/24/2019	<0.005	0.00041 (J)	
9/25/2019			<0.005
3/3/2020	0.00042 (J)	<0.005	0.00071 (J)
3/26/2020		<0.005	
3/30/2020	0.00066 (J)		0.0004 (J)
9/17/2020		<0.005	<0.005
9/18/2020	<0.005		
2/10/2021			<0.005
2/11/2021	<0.005		
2/12/2021		<0.005	
3/16/2021		0.0012 (J)	
3/17/2021	<0.005		<0.005
8/18/2021	<0.005		
8/19/2021		<0.005	<0.005
2/8/2022		<0.005	<0.005
2/9/2022	<0.005		
8/10/2022			<0.005
8/11/2022	<0.005	<0.005	
2/1/2023	<0.005	<0.005	<0.005
8/13/2023	<0.005	<0.005	<0.005
2/17/2024	<0.005	<0.005	
2/18/2024			<0.005
8/8/2024		<0.005	
8/9/2024			<0.005
8/10/2024	<0.005		
2/17/2025		<0.005	<0.005
2/18/2025	<0.005		
8/8/2025	<0.005	<0.005	<0.005
2/6/2026		0.00033 (J)	0.00054 (J)
2/7/2026	0.00027 (J)		
Mean	0.004494	0.00435	0.004398
Std. Dev.	0.001458	0.001595	0.001495
Upper Lim.	0.005	0.005	0.005
Lower Lim.	0.00066	0.0012	0.0021

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.005		
5/24/2016		<0.005	
7/12/2016	<0.005	<0.005	
9/1/2016	<0.005	<0.005	
10/25/2016	<0.005	<0.005	
12/7/2016	<0.005		
12/8/2016		<0.005	
1/26/2017	<0.005	<0.005	
3/22/2017	<0.005		
3/23/2017		0.0005 (J)	
5/25/2017	<0.005	<0.005	
4/3/2018	<0.005	<0.005	
3/14/2019		<0.005	
3/15/2019	<0.005		<0.005
4/4/2019			<0.005
4/5/2019	<0.005	<0.005	
9/25/2019	<0.005	<0.005	<0.005
3/3/2020	0.0018 (J)	0.0004 (J)	<0.005
3/31/2020	<0.005	<0.005	
4/1/2020			<0.005
6/17/2020			0.00057 (J)
9/15/2020		0.00063 (J)	
9/16/2020	<0.005		
9/21/2020			<0.005
2/11/2021	0.00074 (J)	<0.005	<0.005
3/18/2021	0.00069 (J)	<0.005	0.00074 (J)
8/18/2021	<0.005		
8/19/2021		<0.005	<0.005
2/8/2022	<0.005	<0.005	<0.005
8/10/2022	<0.005	<0.005	
8/11/2022			<0.005
1/27/2023			<0.005
1/30/2023	<0.005		
2/1/2023		<0.005	
8/12/2023			<0.005
8/13/2023	<0.005	<0.005	
2/17/2024	<0.005		
2/18/2024		<0.005	<0.005
8/8/2024	<0.005		
8/9/2024		<0.005	<0.005
2/16/2025	<0.005		
2/18/2025		<0.005	<0.005
8/8/2025	<0.005	<0.005	<0.005
2/6/2026	0.00032 (J)	0.00031 (J)	0.00024 (J)
Mean	0.004391	0.004327	0.004292
Std. Dev.	0.001504	0.001644	0.001682
Upper Lim.	0.005	0.005	0.005
Lower Lim.	0.0018	0.00063	0.00074

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
4/1/2020	0.00069 (J)		
6/17/2020	<0.005		
6/18/2020		0.0059 (J)	<0.005
9/21/2020	<0.005		0.00079 (J)
9/23/2020		<0.005	
2/12/2021	<0.005		
2/15/2021			<0.005
3/18/2021	<0.005		
3/19/2021			0.00083 (J)
8/16/2021		<0.005	
8/18/2021	<0.005		<0.005
2/8/2022	<0.005		<0.005
2/9/2022		<0.005	
8/10/2022	<0.005	<0.005	
8/11/2022			<0.005
1/27/2023	<0.005		
1/30/2023		<0.005	
2/1/2023			<0.005
8/12/2023		<0.005	<0.005
8/13/2023	<0.005		
2/18/2024	<0.005	<0.005	
2/19/2024			<0.005
8/9/2024	0.0028 (J)		<0.005
8/10/2024		<0.005	
2/16/2025	<0.005		
2/18/2025		<0.005	
3/6/2025			<0.005
8/8/2025	<0.005	<0.005	<0.005
2/6/2026	0.00025 (J)	0.00039 (J)	0.00024 (J)
Mean	0.004249	0.004691	0.004061
Std. Dev.	0.001637	0.001379	0.00187
Upper Lim.	0.005	0.0059	0.005
Lower Lim.	0.0028	0.00039	0.00083

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	<0.005
2/8/2022	<0.005
8/11/2022	<0.005
2/1/2023	<0.005
8/12/2023	<0.005
2/19/2024	<0.005
8/9/2024	<0.005
3/6/2025	<0.005
8/8/2025	<0.005
2/7/2026	0.00026 (J)
Mean	0.004526
Std. Dev.	0.001499
Upper Lim.	0.005
Lower Lim.	0.005

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	<0.25	0.0419 (J)	<0.005
7/12/2016	0.0232	0.0393	<0.005
9/1/2016	0.0248	0.045	<0.005
10/24/2016	0.0253	0.0557	
10/25/2016			<0.005
12/7/2016	0.0269	0.0536	<0.005
1/26/2017	0.0294	0.055	<0.005
3/22/2017			<0.005
3/23/2017	0.0311	0.0715	
5/24/2017	0.0279	0.0446	<0.005
4/3/2018		0.032	<0.005
4/4/2018	0.025		
6/6/2018	0.027	0.032	<0.005
10/3/2018	0.023	0.051	<0.005
3/14/2019	0.025	0.038	
3/15/2019			<0.005
4/4/2019		0.035	0.00028 (J)
4/5/2019	0.021		
9/24/2019	0.026	0.022	
9/25/2019			<0.005
3/3/2020	0.029	0.03	0.00037 (J)
3/26/2020		0.022	
3/30/2020	0.028		<0.005
9/17/2020		0.026	<0.005
9/18/2020	0.027		
2/10/2021			<0.005
2/11/2021	0.033		
2/12/2021		0.019	
3/16/2021		0.018	
3/17/2021	0.034		<0.005
8/18/2021	0.033		
8/19/2021		0.011	<0.005
2/8/2022		0.0081	<0.005
2/9/2022	0.038		
8/10/2022			<0.005
8/11/2022	0.037	0.0088	
2/1/2023	0.035	0.0091	<0.005
8/13/2023	0.036	0.0016 (J)	<0.005
2/17/2024	0.038	0.0058	
2/18/2024			<0.005
8/8/2024		0.0024 (J)	
8/9/2024			<0.005
8/10/2024	0.037		
2/17/2025		0.007	<0.005
2/18/2025	0.031		
8/8/2025	0.028	0.0019 (J)	<0.005
2/6/2026		0.013	<0.005
2/7/2026	0.025		
Mean	0.03274	0.0276	0.004678
Std. Dev.	0.01841	0.01936	0.001206
Upper Lim.	0.034	0.03647	0.005
Lower Lim.	0.0253	0.01873	0.00037

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	0.0167		
5/24/2016		0.17 (J)	
7/12/2016	0.0148	0.168	
9/1/2016	0.0151	0.18	
10/25/2016	0.0141	0.188	
12/7/2016	0.0141		
12/8/2016		0.206	
1/26/2017	0.0154	0.195	
3/22/2017	0.0169		
3/23/2017		0.223	
5/25/2017	0.0154	0.209	
4/3/2018	0.016	0.19	
6/5/2018		0.19	
6/6/2018	0.018		
10/3/2018	0.016	0.19	
3/14/2019		0.16	
3/15/2019	0.017		<0.005
4/4/2019			0.00034 (J)
4/5/2019	0.016	0.14	
9/25/2019	0.015	0.18	<0.005
3/3/2020	0.016	0.15	<0.005
3/31/2020	0.016	0.16	
4/1/2020			<0.005
6/17/2020			<0.005
9/15/2020		0.16	
9/16/2020	0.013		
9/21/2020			<0.005
2/10/2021		0.14	
2/11/2021	0.012	0.14	<0.005
3/18/2021	0.012	0.14	<0.005
8/18/2021	0.009		
8/19/2021		0.15	<0.005
2/8/2022	0.0066	0.16	<0.005
8/10/2022	0.012	0.16	
8/11/2022			<0.005
1/27/2023			<0.005
1/30/2023	0.011		
2/1/2023		0.11	
8/12/2023			<0.005
8/13/2023	0.009	0.14	
2/17/2024	0.0036 (J)		
2/18/2024		0.15	<0.005
8/8/2024	0.0045 (J)		
8/9/2024		0.091	<0.005
2/16/2025	<0.005		
2/18/2025		0.061	<0.005
8/8/2025	0.0044 (J)	0.07	<0.005
2/6/2026	0.0084	0.087	<0.005
Mean	0.01243	0.1553	0.004755
Std. Dev.	0.00454	0.03995	0.001069
Upper Lim.	0.01479	0.1732	0.005
Lower Lim.	0.01141	0.1373	0.00034

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
1/22/2020	0.052		
4/1/2020	0.058		
6/17/2020	0.053		
6/18/2020		0.011	0.091
9/21/2020	0.047		0.084
9/23/2020		0.0056	
2/12/2021	0.055		
2/15/2021			0.095
3/18/2021	0.057		
3/19/2021			0.1
8/16/2021		0.0093	
8/18/2021	0.054		0.085
2/8/2022	0.048		0.09
2/9/2022		0.0065	
8/10/2022	0.046	0.0066	
8/11/2022			0.082
1/27/2023	0.034		
1/30/2023		0.0071	
2/1/2023			0.088
8/12/2023		0.0058	0.082
8/13/2023	0.061		
2/18/2024	0.042	0.0067	
2/19/2024			0.084
8/9/2024	0.068		0.084
8/10/2024		0.0064	
2/16/2025	0.029		
2/18/2025		0.0035 (J)	
3/6/2025			0.082
8/8/2025	0.041	0.0049 (J)	0.048
2/6/2026	0.043	0.0045 (J)	<0.005
Mean	0.04925	0.006492	0.07839
Std. Dev.	0.01008	0.002031	0.02479
Upper Lim.	0.05581	0.008085	0.09135
Lower Lim.	0.04269	0.004898	0.07576

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	0.03
2/8/2022	0.031
8/11/2022	0.027
2/1/2023	0.021 (J)
8/12/2023	0.022
2/19/2024	0.046
8/9/2024	0.027
3/6/2025	0.014
8/8/2025	0.022
2/7/2026	0.02
Mean	0.026
Std. Dev.	0.008692
Upper Lim.	0.03376
Lower Lim.	0.01824

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	0.568	0.171	
7/1/2016			0
7/12/2016	1.31	0.611	0.182
9/1/2016	1.64	0.766	1.23
10/24/2016	1.88	0.969	
10/25/2016			1.05
12/7/2016	1.35	0.302	1.11
1/26/2017	2.1	0.626	1.29
3/22/2017			0.453
3/23/2017	1.17	0.662	
5/24/2017	1 (U)	0.202 (U)	1.05
4/3/2018		0.384	0.783
4/4/2018	1.72		
6/6/2018	1.31	1.32	0.595 (U)
10/3/2018	1.48	0.858 (U)	1.03 (U)
3/14/2019	1.5	0.462 (U)	
3/15/2019			0.591 (U)
4/4/2019		0.512 (U)	0.96 (U)
4/5/2019	1.43 (U)		
9/24/2019	1.17	0.582 (U)	
9/25/2019			0.643 (U)
3/3/2020	1.84	1.43	1.32
3/26/2020		0.855 (U)	
3/30/2020	1.08 (U)		0.288 (U)
9/17/2020		0.395 (U)	1.1 (U)
9/18/2020	1.8 (U)		
2/10/2021			0.773 (U)
2/11/2021	0.73 (U)		
2/12/2021		1.65	
3/16/2021		0.801 (U)	
3/17/2021	1.84		0.228 (U)
8/18/2021	0.858 (U)		
8/19/2021		0.527 (U)	0.668 (U)
2/8/2022		0.0242 (U)	0.168 (U)
2/9/2022	0.346 (U)		
8/10/2022			0.249 (U)
8/11/2022	1.31	0.656 (U)	
2/1/2023	1.13	0.626 (U)	0.757 (U)
8/13/2023	0.801 (U)	0.785 (U)	0.281 (U)
2/17/2024	0.439 (U)	0.576 (U)	
2/18/2024			0.248 (U)
8/8/2024		0.124 (U)	
8/9/2024			0.51 (U)
8/10/2024	0.844 (U)		
2/17/2025		0.191 (U)	0.825 (U)
2/18/2025	0.685 (U)		
8/8/2025	0.803 (U)	0.337 (U)	0.638 (U)
2/6/2026		0.458 (U)	0.935 (U)
2/7/2026	0.537 (U)		
Mean	1.196	0.6159	0.6881
Std. Dev.	0.48	0.3802	0.3775
Upper Lim.	1.415	0.7901	0.8611

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
Lower Lim.	0.9757	0.4417	0.5151

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	0.618		
5/24/2016		1.82	
7/12/2016	0.867	1.76	
9/1/2016	0.857	1.51	
10/25/2016	1.11	2.69	
12/7/2016	0.964		
12/8/2016		2.21	
1/26/2017	0.612	2.26	
3/22/2017	0.437		
3/23/2017		1.81	
5/25/2017	1.21 (U)	1.63	
4/3/2018	0.409	2.53	
6/5/2018		1.91	
6/6/2018	0.772 (U)		
10/3/2018	1.08 (U)	2.22	
3/14/2019		1.37 (U)	
3/15/2019	0.917 (U)		0.972 (U)
4/4/2019			0.791 (U)
4/5/2019	1.07 (U)	2.22	
9/25/2019	1.54	2.77	0.751 (U)
3/3/2020	1.33	2.35	1.94
3/31/2020	0.591 (U)	2.7	
4/1/2020			0.758 (U)
6/17/2020			0.691 (U)
9/15/2020		1.65	
9/16/2020	0.295 (U)		
9/21/2020			0.436 (U)
2/11/2021	0.831 (U)	1.11	0.317 (U)
3/18/2021	0.856 (U)	1.63	0.5 (U)
8/18/2021	0.548 (U)		
8/19/2021		1.45	1.17
2/8/2022	1 (U)	0.93 (U)	0.463 (U)
8/10/2022	0.361 (U)	1.46	
8/11/2022			0.691 (U)
1/27/2023			0.256 (U)
1/30/2023	0.5 (U)		
2/1/2023		0.871	
8/12/2023			0.297 (U)
8/13/2023	0.678 (U)	1.03	
2/17/2024	0.633 (U)		
2/18/2024		0.757 (U)	0.127 (U)
8/8/2024	0.721 (U)		
8/9/2024		1.12	0.526 (U)
2/16/2025	1.24 (U)		
2/18/2025		1.56 (U)	0.925 (U)
8/8/2025	0 (U)	0.479 (U)	0.483 (U)
2/6/2026	0.184 (U)	1.46 (U)	0.154 (U)
Mean	0.7666	1.699	0.6446
Std. Dev.	0.3568	0.6145	0.4226
Upper Lim.	0.9301	1.98	0.8305
Lower Lim.	0.6031	1.417	0.3837

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
4/1/2020	2.57		
6/17/2020	1.43 (U)		
6/18/2020		1.36	2.02
9/21/2020	2.53		3.85
9/23/2020		0.563 (U)	
2/12/2021	2.26		
2/15/2021			1.52
3/18/2021	0.733 (U)		
3/19/2021			0.524 (U)
8/16/2021		0.693 (U)	
8/18/2021	1.77		1.67
2/8/2022	0.967 (U)		1.38
2/9/2022		0.297 (U)	
8/10/2022	1.52	1.05	
8/11/2022			1.71
1/27/2023	1.44 (U)		
1/30/2023		0.689 (U)	
2/1/2023			1.24
8/12/2023		0.676 (U)	0.897 (U)
8/13/2023	0.773 (U)		
2/18/2024	0.552 (U)	0.515 (U)	
2/19/2024			1.43
8/9/2024	0.729 (U)		0.703 (U)
8/10/2024		0.59 (U)	
2/16/2025	1.11 (U)		
2/18/2025		0.911 (U)	
3/6/2025			1.17 (U)
8/8/2025	1.2 (U)	0.471 (U)	1.47
2/6/2026	1.4 (U)	0.647 (U)	1.37 (U)
Mean	1.399	0.7052	1.497
Std. Dev.	0.6469	0.2838	0.786
Upper Lim.	1.837	0.9278	1.95
Lower Lim.	0.9606	0.4825	0.9712

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	0.973 (U)
2/8/2022	0.431 (U)
8/11/2022	1.02
2/1/2023	0.82 (U)
8/12/2023	0.484 (U)
2/19/2024	0.995 (U)
8/9/2024	0.478 (U)
3/6/2025	0.605 (U)
8/8/2025	1.28 (U)
2/7/2026	0.451 (U)
Mean	0.7537
Std. Dev.	0.3028
Upper Lim.	1.024
Lower Lim.	0.4835

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	<0.1	<0.1	0.038 (J)
7/12/2016	0.2 (J)	0.09 (J)	0.26 (J)
9/1/2016	0.08 (J)	0.22 (J)	0.42
10/24/2016	0.04 (J)	0.07 (J)	
10/25/2016			0.25 (J)
12/7/2016	0.11 (J)	0.23 (J)	0.23 (J)
1/26/2017	0.13 (J)	<0.1	0.02 (J)
3/22/2017			0.3
3/23/2017	0.28 (J)	0.12 (J)	
5/24/2017	0.32	0.31	0.46
10/4/2017	0.52	0.6	<0.1
4/3/2018		<0.1	<0.1
4/4/2018	<0.1		
6/6/2018	0.25 (J)	0.17 (J)	<0.1
10/3/2018	0.21 (J)	<0.1	<0.1
3/14/2019	0.24 (J)	<0.1	
3/15/2019			<0.1
4/4/2019		0.066 (J)	<0.1
4/5/2019	0.66		
9/24/2019	0.053 (J)	0.12 (J)	
9/25/2019			<0.1
3/3/2020	<0.1	0.064 (J)	<0.1
3/26/2020		<0.1	
3/30/2020	0.092 (J)		0.059 (J)
9/17/2020		<0.1	<0.1
9/18/2020	<0.1		
2/10/2021			0.21
2/11/2021	0.059 (J)		
2/12/2021		0.053 (J)	
3/16/2021		<0.1	
3/17/2021	0.076 (J)		<0.1
8/18/2021	<0.1		
8/19/2021		<0.1	<0.1
2/8/2022		<0.1	<0.1
2/9/2022	0.053 (J)		
8/10/2022			0.054 (J)
8/11/2022	0.085 (J)	0.097 (J)	
2/1/2023	0.094 (J)	0.086 (J)	0.053 (J)
8/13/2023	0.1	0.12	0.053 (J)
2/17/2024	0.065 (J)	0.064 (J)	
2/18/2024			<0.1
8/8/2024		0.08 (J)	
8/9/2024			0.052 (J)
8/10/2024	0.19		
2/17/2025		0.052 (J)	<0.1
2/18/2025	0.055 (J)		
8/8/2025	0.08 (J)	0.12	0.051 (J)
2/6/2026		0.065 (J)	0.052 (J)
2/7/2026	0.052 (J)		
Mean	0.1531	0.1266	0.1321
Std. Dev.	0.141	0.1053	0.1089
Upper Lim.	0.1482	0.12	0.09894

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
Lower Lim.	0.07561	0.086	0.04441

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.3		
5/24/2016		<0.3	
7/12/2016	0.09 (J)	0.54	
9/1/2016	0.03 (J)	0.49	
10/25/2016	0.07 (J)	0.58	
12/7/2016	0.54		
12/8/2016		0.63	
1/26/2017	<0.3	0.71	
3/22/2017	0.07 (J)		
3/23/2017		0.57	
5/25/2017	0.42	0.54	
10/4/2017	0.93	0.95	
4/3/2018	<0.3	0.33	
6/5/2018		0.66	
6/6/2018	0.23 (J)		
10/3/2018	<0.3	0.32	
3/14/2019		0.88	
3/15/2019	<0.3		<0.1
4/4/2019			0.1 (J)
4/5/2019	0.16 (J)	0.37	
9/25/2019	0.081 (J)	0.73	<0.1
3/3/2020	<0.3	0.34	<0.1
3/31/2020	<0.3	0.45	
4/1/2020			<0.1
6/17/2020			<0.1
9/15/2020		0.31	
9/16/2020	0.058 (J)		
9/21/2020			<0.1
2/11/2021	0.058 (J)	0.71	<0.1
3/18/2021	0.057 (J)	0.64	<0.1
8/18/2021	0.062 (J)		
8/19/2021		0.31	<0.1
2/8/2022	0.055 (J)	0.19	<0.1
8/10/2022	0.086 (J)	0.3	
8/11/2022			0.056 (J)
1/27/2023			0.05 (J)
1/30/2023	0.097 (J)		
2/1/2023		0.21	
8/12/2023			<0.1
8/13/2023	0.081 (J)	0.25	
2/17/2024	0.057 (J)		
2/18/2024		0.17	<0.1
8/8/2024	0.066 (J)		
8/9/2024		0.28	0.078 (J)
2/16/2025	0.05 (J)		
2/18/2025		0.067 (J)	<0.1
8/8/2025	0.083 (J)	0.2	0.061 (J)
2/6/2026	0.066 (J)	0.092 (J)	0.059 (J)
Mean	0.1866	0.4323	0.08968
Std. Dev.	0.1933	0.2358	0.01841
Upper Lim.	0.3	0.5383	0.1
Lower Lim.	0.062	0.3263	0.061

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
1/22/2020	0.18 (J)		
4/1/2020	0.15 (J)		
6/17/2020	0.25		
6/18/2020		0.082 (J)	0.053 (J)
9/21/2020	0.14		<0.1
9/23/2020		<0.1	
2/12/2021	0.25		
2/15/2021			0.093 (J)
3/18/2021	0.4		
3/19/2021			0.082 (J)
8/16/2021		0.066 (J)	
8/18/2021	0.16		0.052 (J)
2/8/2022	0.14		0.065 (J)
2/9/2022		0.051 (J)	
8/10/2022	0.21	0.081 (J)	
8/11/2022			0.088 (J)
1/27/2023	0.087 (J)		
1/30/2023		0.089 (J)	
2/1/2023			0.1
8/12/2023		0.062 (J)	0.077 (J)
8/13/2023	0.22		
2/18/2024	0.088 (J)	<0.1	
2/19/2024			0.16
8/9/2024	0.39		0.13
8/10/2024		0.1	
2/16/2025	0.089 (J)		
2/18/2025		<0.1	
3/6/2025			0.066 (J)
8/8/2025	0.2	0.087 (J)	0.18
2/6/2026	0.086 (J)	0.074 (J)	0.13
Mean	0.19	0.08267	0.09471
Std. Dev.	0.09741	0.01664	0.041
Upper Lim.	0.243	0.08812	0.1238
Lower Lim.	0.1252	0.06565	0.06568

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	0.072 (J)
2/8/2022	0.078 (J)
8/11/2022	0.11
2/1/2023	0.18
8/12/2023	0.1
2/19/2024	0.12
8/9/2024	0.15
3/6/2025	0.078 (J)
8/8/2025	0.13
2/7/2026	0.095 (J)
Mean	0.1113
Std. Dev.	0.03464
Upper Lim.	0.1422
Lower Lim.	0.08039

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	0.00182 (J)	<0.001	<0.001
7/12/2016	0.0015 (J)	<0.001	<0.001
9/1/2016	0.0016 (J)	<0.001	<0.001
10/24/2016	0.0016 (J)	<0.001	
10/25/2016			<0.001
12/7/2016	0.0018 (J)	<0.001	<0.001
1/26/2017	0.002 (J)	<0.001	0.0001 (J)
3/22/2017			0.0002 (J)
3/23/2017	0.0019 (J)	0.001 (J)	
5/24/2017	0.0016 (J)	0.0001 (J)	0.0001 (J)
4/3/2018		<0.001	<0.001
4/4/2018	<0.001		
3/14/2019	0.0014 (J)	<0.001	
3/15/2019			<0.001
4/4/2019		7.2E-05 (J)	0.00016 (J)
4/5/2019	0.0012 (J)		
9/24/2019	0.0013 (J)	0.0002 (J)	
9/25/2019			<0.001
3/3/2020	0.0017 (J)	5.3E-05 (J)	0.00016 (J)
3/26/2020		<0.001	
3/30/2020	0.0015 (J)		7.3E-05 (J)
9/17/2020		<0.001	7.8E-05 (J)
9/18/2020	0.0012 (J)		
2/10/2021			9.4E-05 (J)
2/11/2021	0.0015 (J)		
2/12/2021		<0.001	
3/16/2021		<0.001	
3/17/2021	0.0019		5.8E-05 (J)
8/18/2021	0.0015		
8/19/2021		<0.001	<0.001
2/8/2022		<0.001	<0.001
2/9/2022	0.0014		
8/10/2022			<0.001
8/11/2022	<0.001	<0.001	
2/1/2023	0.0011	<0.001	<0.001
8/13/2023	0.00079 (J)	<0.001	<0.001
2/17/2024	0.0012	<0.001	
2/18/2024			<0.001
8/8/2024		<0.001	
8/9/2024			<0.001
8/10/2024	0.0012		
2/17/2025		<0.001	<0.001
2/18/2025	0.00097 (J)		
8/8/2025	0.0017	<0.001	<0.001
2/6/2026		<0.001	<0.001
2/7/2026	0.00097 (J)		
Mean	0.001383	0.0008676	0.0007046
Std. Dev.	0.0003996	0.0003243	0.0004266
Upper Lim.	0.001574	0.001	0.001
Lower Lim.	0.001193	0.001	0.00016

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.001		
5/24/2016		0.00154 (J)	
7/12/2016	<0.001	0.0012 (J)	
9/1/2016	<0.001	0.0014 (J)	
10/25/2016	<0.001	0.0015 (J)	
12/7/2016	<0.001		
12/8/2016		0.0017 (J)	
1/26/2017	<0.001	0.0013 (J)	
3/22/2017	0.0001 (J)		
3/23/2017		0.001 (J)	
5/25/2017	<0.001	0.0012 (J)	
4/3/2018	<0.001	<0.001	
3/14/2019		0.0015 (J)	
3/15/2019	<0.001		<0.001
4/4/2019			<0.001
4/5/2019	7.6E-05 (J)	0.0015 (J)	
9/25/2019	8.9E-05 (J)	0.0015 (J)	<0.001
3/3/2020	0.00013 (J)	0.0013 (J)	4.7E-05 (J)
3/31/2020	7.7E-05 (J)	0.0014 (J)	
4/1/2020			4.8E-05 (J)
6/17/2020			<0.001
9/15/2020		0.0014 (J)	
9/16/2020	6.5E-05 (J)		
9/21/2020			<0.001
2/11/2021	0.00018 (J)	0.00098 (J)	0.00066 (J)
3/18/2021	8.8E-05 (J)	0.00096 (J)	7.3E-05 (J)
8/18/2021	<0.001		
8/19/2021		0.0013	<0.001
2/8/2022	<0.001	0.0009 (J)	<0.001
8/10/2022	<0.001	0.0011	
8/11/2022			<0.001
1/27/2023			<0.001
1/30/2023	<0.001		
2/1/2023		<0.001	
8/12/2023			<0.001
8/13/2023	0.00049 (J)	0.00075 (J)	
2/17/2024	<0.001		
2/18/2024		0.0011	<0.001
8/8/2024	0.00032 (J)		
8/9/2024		0.0007 (J)	<0.001
2/16/2025	<0.001		
2/18/2025		0.00038 (J)	<0.001
8/8/2025	<0.001	0.00048 (J)	<0.001
2/6/2026	<0.001	0.0005 (J)	<0.001
Mean	0.0006894	0.001096	0.0008331
Std. Dev.	0.0004206	0.0003899	0.0003543
Upper Lim.	0.001	0.001282	0.001
Lower Lim.	0.00013	0.0009099	0.00066

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
4/1/2020	0.0017 (J)		
6/17/2020	0.0017 (J)		
6/18/2020		0.00087 (J)	0.00016 (J)
9/21/2020	0.0017 (J)		0.00099 (J)
9/23/2020		<0.001	
2/12/2021	0.0018 (J)		
2/15/2021			0.00055 (J)
3/18/2021	0.0017		
3/19/2021			0.00066 (J)
8/16/2021		<0.001	
8/18/2021	0.0016		<0.001
2/8/2022	0.0014		<0.001
2/9/2022		<0.001	
8/10/2022	<0.001	<0.001	
8/11/2022			<0.001
1/27/2023	<0.001		
1/30/2023		<0.001	
2/1/2023			<0.001
8/12/2023		<0.001	0.00035 (J)
8/13/2023	0.0011		
2/18/2024	0.00084 (J)	<0.001	
2/19/2024			0.0006 (J)
8/9/2024	0.0023		0.00068 (J)
8/10/2024		<0.001	
2/16/2025	0.00041 (J)		
2/18/2025		<0.001	
3/6/2025			0.00035 (J)
8/8/2025	0.00099 (J)	<0.001	<0.001
2/6/2026	0.00077 (J)	<0.001	<0.001
Mean	0.001267	0.0009892	0.0007386
Std. Dev.	0.0005778	3.753E-05	0.0003006
Upper Lim.	0.001659	0.001	0.001
Lower Lim.	0.0008758	0.00087	0.00035

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	<0.002	<0.002	<0.002
7/12/2016	<0.002	<0.002	0.0037 (J)
9/1/2016	<0.002	0.0021 (J)	0.0033 (J)
10/24/2016	<0.002	<0.002	
10/25/2016			0.0029 (J)
12/7/2016	<0.002	<0.002	0.0029 (J)
1/26/2017	<0.002	<0.002	0.0028 (J)
3/22/2017			0.0025 (J)
3/23/2017	<0.002	0.0016 (J)	
5/24/2017	<0.002	0.0029 (J)	0.0029 (J)
4/3/2018		0.0026 (J)	0.0028 (J)
4/4/2018	<0.002		
6/6/2018	<0.002	0.0013 (J)	0.0031 (J)
10/3/2018	<0.002	0.0017 (J)	0.0026 (J)
3/14/2019	<0.002	<0.002	
3/15/2019			0.0041 (J)
4/4/2019		0.0009 (J)	0.0032 (J)
4/5/2019	<0.002		
9/24/2019	<0.002	0.0012 (J)	
9/25/2019			0.0038 (J)
3/3/2020	<0.002	0.0084 (J)	0.0047 (J)
3/26/2020		0.0061 (J)	
3/30/2020	<0.002		0.0041 (J)
9/17/2020		0.0094 (J)	0.0043 (J)
9/18/2020	<0.002		
2/10/2021			0.0038 (J)
2/11/2021	<0.002		
2/12/2021		0.036	
3/16/2021		0.032	
3/17/2021	<0.002		0.0048 (J)
8/18/2021	<0.002		
8/19/2021		0.0058 (J)	0.0042 (J)
2/8/2022		0.014 (J)	0.0034 (J)
2/9/2022	<0.002		
8/10/2022			0.0032 (J)
8/11/2022	<0.002	0.0025 (J)	
2/1/2023	<0.002	0.016 (J)	0.0036 (J)
8/13/2023	<0.002	0.0047 (J)	0.003 (J)
2/17/2024	0.0029 (J)	0.014 (J)	
2/18/2024			0.003 (J)
8/8/2024		0.0042 (J)	
8/9/2024			0.0028 (J)
8/10/2024	<0.002		
2/17/2025		0.0146 (J)	0.00272 (J)
2/18/2025	0.000675 (J)		
8/8/2025	0.00078 (J)	0.00586	0.00312
2/6/2026		0.0106	0.00374
2/7/2026	0.00104 (J)		
Mean	0.00191	0.007257	0.003313
Std. Dev.	0.0004115	0.00872	0.0007678
Upper Lim.	0.002	0.005987	0.003665
Lower Lim.	0.00104	0.002258	0.002961

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 10:11 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.002		
5/24/2016		0.0142 (J)	
7/12/2016	<0.002	0.0141 (J)	
9/1/2016	<0.002	0.0158 (J)	
10/25/2016	<0.002	0.016 (J)	
12/7/2016	<0.002		
12/8/2016		0.0144 (J)	
1/26/2017	<0.002	0.0136 (J)	
3/22/2017	<0.002		
3/23/2017		0.0151 (J)	
5/25/2017	0.0011 (J)	0.0154 (J)	
4/3/2018	<0.002	0.013 (J)	
6/5/2018		0.013 (J)	
6/6/2018	<0.002		
10/3/2018	<0.002	0.015 (J)	
3/14/2019		0.011 (J)	
3/15/2019	0.0011 (J)		0.025 (J)
4/4/2019			0.019 (J)
4/5/2019	0.00074 (J)	0.0084 (J)	
9/25/2019	0.0011 (J)	0.015 (J)	0.024 (J)
3/3/2020	0.0012 (J)	0.012 (J)	0.026 (J)
3/31/2020	0.0009 (J)	0.012 (J)	
4/1/2020			0.026 (J)
6/17/2020			0.023 (J)
9/15/2020		0.014 (J)	
9/16/2020	0.0012 (J)		
9/21/2020			0.022 (J)
2/11/2021	0.0013 (J)	0.011 (J)	0.021 (J)
3/18/2021	0.0014 (J)	0.013 (J)	0.026 (J)
8/18/2021	0.0012 (J)		
8/19/2021		0.013 (J)	0.022 (J)
2/8/2022	0.0014 (J)	0.01 (J)	0.022 (J)
8/10/2022	0.0014 (J)	0.012 (J)	
8/11/2022			0.022 (J)
1/27/2023			0.018 (J)
1/30/2023	0.0014 (J)		
2/1/2023		0.0093 (J)	
8/12/2023			0.015 (J)
8/13/2023	0.0018 (J)	0.012 (J)	
2/17/2024	<0.002		
2/18/2024		0.0098 (J)	0.012 (J)
8/8/2024	0.0017 (J)		
8/9/2024		0.011 (J)	0.011 (J)
2/16/2025	0.00123 (J)		
2/18/2025		0.00876 (J)	0.0119 (J)
8/8/2025	0.00146 (J)	0.00964	0.00994
2/6/2026	0.00997	0.0143	0.00107 (J)
Mean	0.001848	0.01261	0.01878
Std. Dev.	0.001614	0.002218	0.00686
Upper Lim.	0.002	0.01363	0.02291
Lower Lim.	0.00123	0.0116	0.01643

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
4/1/2020	0.0011 (J)		
6/17/2020	0.00097 (J)		
6/18/2020		0.0021 (J)	0.0046 (J)
9/21/2020	0.00086 (J)		0.0036 (J)
9/23/2020		0.0011 (J)	
2/12/2021	0.0011 (J)		
2/15/2021			0.0043 (J)
3/18/2021	0.0012 (J)		
3/19/2021			0.0045 (J)
8/16/2021		0.001 (J)	
8/18/2021	0.00097 (J)		0.0036 (J)
2/8/2022	0.001 (J)		0.0039 (J)
2/9/2022		0.0022 (J)	
8/10/2022	0.0009 (J)	0.0015 (J)	
8/11/2022			<0.002
1/27/2023	<0.002		
1/30/2023		0.0013 (J)	
2/1/2023			0.0034 (J)
8/12/2023		0.0013 (J)	0.0031 (J)
8/13/2023	0.00077 (J)		
2/18/2024	<0.002	<0.002	
2/19/2024			0.0031 (J)
8/9/2024	0.0022 (J)		0.0034 (J)
8/10/2024		<0.002	
2/16/2025	0.000839 (J)		
2/18/2025		0.0023 (J)	
3/6/2025			0.00319 (J)
8/8/2025	0.000612 (J)	0.00123 (J)	0.00191 (J)
2/6/2026	0.00148 (J)	0.00281	0.0026
Mean	0.001067	0.001737	0.0033
Std. Dev.	0.0003707	0.0005718	0.0009804
Upper Lim.	0.001244	0.002043	0.003994
Lower Lim.	0.0008373	0.001134	0.002606

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
8/18/2021	0.0022 (J)
2/8/2022	0.001 (J)
8/11/2022	0.0014 (J)
2/1/2023	0.0015 (J)
8/12/2023	0.00098 (J)
2/19/2024	0.0017 (J)
8/9/2024	<0.002
3/6/2025	0.00184 (J)
8/8/2025	0.00177 (J)
2/7/2026	0.0107
Mean	0.002409
Std. Dev.	0.002942
Upper Lim.	0.0022
Lower Lim.	0.001

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	<0.0002	<0.0002	<0.0002
7/12/2016	<0.0002	<0.0002	<0.0002
9/1/2016	<0.0002	<0.0002	<0.0002
10/24/2016	<0.0002	<0.0002	
10/25/2016			<0.0002
12/7/2016	<0.0002	<0.0002	<0.0002
1/26/2017	<0.0002	<0.0002	<0.0002
3/22/2017			<0.0002
3/23/2017	<0.0002	<0.0002	
5/24/2017	<0.0002	<0.0002	<0.0002
4/3/2018		<0.0002	<0.0002
4/4/2018	<0.0002		
3/14/2019	<0.0002	<0.0002	
3/15/2019			<0.0002
9/24/2019		0.024	
3/3/2020	<0.0002	<0.0002	<0.0002
2/10/2021			<0.0002
2/11/2021	<0.0002		
2/12/2021		<0.0002	
2/8/2022		<0.0002	<0.0002
2/9/2022	<0.0002		
8/10/2022			<0.0002
8/11/2022	<0.0002	<0.0002	
2/1/2023	<0.0002	<0.0002	<0.0002
8/13/2023	<0.0002	<0.0002	<0.0002
2/17/2024	<0.0002	<0.0002	
2/18/2024			<0.0002
8/8/2024		<0.0002	
8/9/2024			<0.0002
8/10/2024	<0.0002		
2/17/2025		<0.0002	<0.0002
2/18/2025	<0.0002		
8/8/2025	<0.0002	<0.0002	<0.0002
2/6/2026		0.00014 (J)	0.00012 (J)
2/7/2026	0.00012 (J)		
Mean	0.0001962	0.001279	0.0001962
Std. Dev.	1.746E-05	0.005075	1.746E-05
Upper Lim.	0.0002	0.024	0.0002
Lower Lim.	0.00012	0.00014	0.00012

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-21D
5/23/2016	<0.0002		
5/24/2016		<0.0002	
7/12/2016	<0.0002	<0.0002	
9/1/2016	<0.0002	6E-05 (J)	
10/25/2016	<0.0002	4E-05 (J)	
12/7/2016	<0.0002		
12/8/2016		<0.0002	
1/26/2017	<0.0002	8E-05 (J)	
3/22/2017	<0.0002		
3/23/2017		9E-05 (J)	
5/25/2017	<0.0002	8E-05 (J)	
4/3/2018	<0.0002	<0.0002	
3/14/2019		<0.0002	
3/15/2019	<0.0002		<0.0002
9/25/2019		<0.0002	
3/3/2020	<0.0002	<0.0002	<0.0002
2/11/2021	<0.0002	<0.0002	<0.0002
2/8/2022	<0.0002	<0.0002	<0.0002
8/10/2022	<0.0002	<0.0002	
8/11/2022			<0.0002
1/27/2023			<0.0002
1/30/2023	<0.0002		
2/1/2023		<0.0002	
8/12/2023			<0.0002
8/13/2023	<0.0002	<0.0002	
2/17/2024	<0.0002		
2/18/2024		<0.0002	<0.0002
8/8/2024	<0.0002		
8/9/2024		<0.0002	<0.0002
2/16/2025	<0.0002		
2/18/2025		<0.0002	<0.0002
8/8/2025	<0.0002	<0.0002	<0.0002
2/6/2026	0.00012 (J)	0.00029	0.00012 (J)
Mean	0.0001962	0.0001745	0.0001933
Std. Dev.	1.746E-05	6.17E-05	2.309E-05
Upper Lim.	0.0002	0.0002	0.0002
Lower Lim.	0.00012	9E-05	0.00012

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-33	MW-34D	MW-35
2/12/2021	<0.0002		
2/15/2021			<0.0002
2/8/2022	<0.0002		0.00014 (J)
2/9/2022		<0.0002	
8/10/2022	<0.0002	<0.0002	
8/11/2022			0.00014 (J)
1/27/2023	<0.0002		
1/30/2023		<0.0002	
2/1/2023			0.00084
8/12/2023		<0.0002	<0.0002
8/13/2023	<0.0002		
2/18/2024	<0.0002	<0.0002	
2/19/2024			<0.0002
8/9/2024	<0.0002		<0.0002
8/10/2024		<0.0002	
2/16/2025	<0.0002		
2/18/2025		<0.0002	
3/6/2025			0.00035
8/8/2025	<0.0002	<0.0002	<0.0002
2/6/2026	0.00017 (J)	0.00011 (J)	0.00017 (J)
Mean	0.000197	0.00019	0.000264
Std. Dev.	9.487E-06	3E-05	0.0002106
Upper Lim.	0.0002	0.0002	0.00035
Lower Lim.	0.0002	0.00011	0.00014

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-51
2/8/2022	<0.0002
8/11/2022	0.00013 (J)
2/1/2023	<0.0002
8/12/2023	<0.0002
2/19/2024	<0.0002
8/9/2024	<0.0002
3/6/2025	<0.0002
8/8/2025	<0.0002
2/7/2026	0.00011 (J)
Mean	0.0001822
Std. Dev.	3.563E-05
Upper Lim.	0.0002
Lower Lim.	0.00011

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-15	MW-21D	MW-35
5/23/2016	<0.01		
7/12/2016	0.0007 (J)		
9/1/2016	<0.01		
10/24/2016	<0.01		
12/7/2016	<0.01		
1/26/2017	<0.01		
3/23/2017	<0.01		
5/24/2017	<0.01		
4/3/2018	<0.01		
3/14/2019	<0.01		
3/15/2019		0.045	
4/4/2019	<0.01	0.033	
9/24/2019	<0.01		
9/25/2019		0.038	
3/3/2020	<0.01	0.025	
3/26/2020	<0.01		
4/1/2020		0.024	
6/17/2020		0.019	
6/18/2020			<0.01
9/17/2020	<0.01		
9/21/2020		0.017	<0.01
2/11/2021		0.016	
2/12/2021	<0.01		
2/15/2021			<0.01
3/16/2021	<0.01		
3/18/2021		0.016	
3/19/2021			<0.01
8/18/2021			<0.01
8/19/2021	<0.01	0.018	
2/8/2022	<0.01	0.016	<0.01
8/11/2022	<0.01	0.023	<0.01
1/27/2023		0.028	
2/1/2023	<0.01		<0.01
8/12/2023		0.021	<0.01
8/13/2023	<0.01		
2/17/2024	<0.01		
2/18/2024		0.015	
2/19/2024			<0.01
8/8/2024	<0.01		
8/9/2024		0.013	<0.01
2/17/2025	<0.01		
2/18/2025		0.0098 (J)	
3/6/2025			<0.01
8/8/2025	<0.01	0.011	<0.01
2/6/2026	<0.01	0.016	0.017
Mean	0.009656	0.02125	0.0105
Std. Dev.	0.00179	0.00925	0.001871
Upper Lim.	0.01	0.02571	0.017
Lower Lim.	0.0007	0.01572	0.01

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-16
5/23/2016	0.017	<0.005	<0.005
7/12/2016	0.0146	<0.005	<0.005
9/1/2016	0.0137	<0.005	<0.005
10/24/2016	0.0135	0.0012 (J)	
10/25/2016			<0.005
12/7/2016	0.01 (J)	0.0041 (J)	<0.005
1/26/2017	0.0214	<0.005	<0.005
3/22/2017			<0.005
3/23/2017	0.0167	0.0016 (J)	
5/24/2017	0.0083 (J)	<0.005	<0.005
4/3/2018		<0.005	<0.005
4/4/2018	0.012		
6/6/2018	0.014	<0.005	<0.005
10/3/2018	0.0056 (J)	<0.005	<0.005
3/14/2019	0.0048 (J)	<0.005	
3/15/2019			<0.005
4/4/2019		0.00021 (J)	8.9E-05 (J)
4/5/2019	0.00091 (J)		
9/24/2019	0.0064 (J)	<0.005	
9/25/2019			<0.005
3/3/2020	0.0045 (J)	<0.005	<0.005
3/26/2020		<0.005	
3/30/2020	0.0049 (J)		<0.005
9/17/2020		<0.005	<0.005
9/18/2020	0.0045 (J)		
2/10/2021			<0.005
2/11/2021	0.0072 (J)		
2/12/2021		<0.005	
3/16/2021		<0.005	
3/17/2021	0.01 (J)		<0.005
8/18/2021	0.0077		
8/19/2021		<0.005	<0.005
2/8/2022		<0.005	<0.005
2/9/2022	0.0047 (J)		
8/10/2022			<0.005
8/11/2022	0.0037 (J)	<0.005	
2/1/2023	0.0036 (J)	<0.005	<0.005
8/13/2023	0.0038 (J)	<0.005	<0.005
2/17/2024	0.0056	<0.005	
2/18/2024			<0.005
8/8/2024		<0.005	
8/9/2024			<0.005
8/10/2024	0.003 (J)		
2/17/2025		<0.005	0.0015 (J)
2/18/2025	0.0096		
8/8/2025	0.0035 (J)	<0.005	0.0015 (J)
2/6/2026		<0.005	0.0024 (J)
2/7/2026	0.0027 (J)		
Mean	0.008204	0.004556	0.0045
Std. Dev.	0.005186	0.001254	0.001311
Upper Lim.	0.01058	0.005	0.005
Lower Lim.	0.005828	0.0041	0.0024

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-17	HGWC-18	MW-33
5/23/2016	<0.005		
5/24/2016		<0.2	
7/12/2016	<0.005	0.036	
9/1/2016	0.0014 (J)	0.0347	
10/25/2016	<0.005	0.0282	
12/7/2016	0.0023 (J)		
12/8/2016		0.0373	
1/26/2017	<0.005	0.0385	
3/22/2017	<0.005		
3/23/2017		0.0414	
5/25/2017	<0.005	0.019	
4/3/2018	<0.005	0.029	
6/5/2018		0.038	
6/6/2018	<0.005		
10/3/2018	<0.005	0.017	
3/14/2019		0.016	
3/15/2019	<0.005		
4/5/2019	9.3E-05 (J)	0.0018 (J)	
9/25/2019	<0.005	0.02	
3/3/2020	<0.005	0.014	
3/31/2020	<0.005	0.019	
4/1/2020			0.011
6/17/2020			0.014
9/15/2020		0.059	
9/16/2020	<0.005		
9/21/2020			0.041
2/11/2021	<0.005	0.023	
2/12/2021			0.011
3/18/2021	<0.005	0.019 (J)	0.028
8/18/2021	<0.005		0.014
8/19/2021		0.01	
2/8/2022	<0.005	0.0082	0.0078
8/10/2022	<0.005	0.0096	0.007 (J)
1/27/2023			0.015
1/30/2023	<0.005		
2/1/2023		0.0054	
8/13/2023	<0.005	0.0085	0.0065
2/17/2024	<0.005		
2/18/2024		0.013	0.011
8/8/2024	<0.005		
8/9/2024		0.0022 (J)	0.0056
2/16/2025	0.002 (J)		0.01
2/18/2025		0.0054	
8/8/2025	0.0014 (J)	0.0026 (J)	0.0062
2/6/2026	0.0025 (J)	0.0022 (J)	0.0054
Mean	0.0043	0.02269	0.0129
Std. Dev.	0.001443	0.02075	0.009636
Upper Lim.	0.005	0.02762	0.01594
Lower Lim.	0.0025	0.0116	0.007262

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-34D	MW-35	MW-51
6/18/2020	0.0025 (J)	0.014	
9/21/2020		0.037	
9/23/2020	<0.005		
2/15/2021		0.01	
3/19/2021		0.016 (J)	
8/16/2021	<0.005		
8/18/2021		0.014	0.004 (J)
2/8/2022		0.0083	<0.005
2/9/2022	<0.005		
8/10/2022	<0.005		
8/11/2022		0.0089 (J)	0.0023 (J)
1/30/2023	0.0016 (J)		
2/1/2023		0.0063	0.0021 (J)
8/12/2023	<0.005	0.0058	<0.005
2/18/2024	<0.005		
2/19/2024		0.0057	0.0019 (J)
8/9/2024		0.0053	0.0014 (J)
8/10/2024	0.001 (J)		
2/18/2025	0.0049 (J)		
3/6/2025		0.0064	0.0068
8/8/2025	0.0032 (J)	0.0057	0.0036 (J)
2/6/2026	0.0028 (J)	<0.005	
2/7/2026			0.0049 (J)
Mean	0.003833	0.01042	0.0037
Std. Dev.	0.001525	0.008585	0.001751
Upper Lim.	0.005	0.01413	0.004732
Lower Lim.	0.0016	0.005261	0.001823

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-17
5/23/2016	0.000306 (J)	<0.0005	<0.0005
7/12/2016	0.0003 (J)	<0.0005	0.0001 (J)
9/1/2016	0.0003 (J)	<0.0005	<0.0005
10/24/2016	0.0004 (J)	<0.0005	
10/25/2016			<0.0005
12/7/2016	0.0003 (J)	<0.0005	<0.0005
1/26/2017	0.0003 (J)	<0.0005	<0.0005
3/22/2017			0.0001 (J)
3/23/2017	0.0003 (J)	<0.0005	
5/24/2017	0.0003 (J)	<0.0005	
5/25/2017			0.0001 (J)
4/3/2018		<0.0005	<0.0005
4/4/2018	0.00028 (J)		
6/6/2018	0.00029 (J)	<0.0005	<0.0005
10/3/2018	0.00029 (J)	<0.0005	<0.0005
3/14/2019	0.00028 (J)	<0.0005	
3/15/2019			<0.0005
4/4/2019		<0.0005	
4/5/2019	0.00028 (J)		0.00013 (J)
9/24/2019	0.0003 (J)	<0.0005	
9/25/2019			0.00012 (J)
3/3/2020	0.00026 (J)	<0.0005	0.00011 (J)
3/26/2020		<0.0005	
3/30/2020	0.00028 (J)		
3/31/2020			0.00014 (J)
9/16/2020			<0.0005
9/17/2020		<0.0005	
9/18/2020	0.00028 (J)		
2/11/2021	0.00026 (J)		<0.0005
2/12/2021		<0.0005	
3/16/2021		<0.0005	
3/17/2021	0.00034 (J)		
3/18/2021			<0.0005
8/18/2021	0.00027 (J)		<0.0005
8/19/2021		<0.0005	
2/8/2022		<0.0005	<0.0005
2/9/2022	0.00025 (J)		
8/10/2022			<0.0005
8/11/2022	0.00024 (J)	<0.0005	
1/30/2023			0.00025 (J)
2/1/2023	0.00047 (J)	0.00022 (J)	
8/13/2023	0.00026 (J)	<0.0005	<0.0005
2/17/2024	<0.001	<0.0005	<0.0005
8/8/2024		<0.0005	<0.0005
8/10/2024	<0.001		
2/16/2025			<0.0005
2/17/2025		<0.0005	
2/18/2025	0.00029 (J)		
8/8/2025	0.00027 (J)	<0.0005	<0.0005
2/6/2026		<0.0005	<0.0005
2/7/2026	0.00029 (J)		
Mean	0.0003099	0.0004903	0.0003983

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-14	HGWC-15	HGWC-17
Std. Dev.	6.887E-05	5.199E-05	0.0001696
Upper Lim.	0.0003	0.0005	0.0005
Lower Lim.	0.00027	0.00022	0.00025

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	HGWC-18	MW-33	MW-34D
5/24/2016	<0.0005		
7/12/2016	0.0002 (J)		
9/1/2016	<0.0005		
10/25/2016	<0.0005		
12/8/2016	<0.0005		
1/26/2017	<0.0005		
3/23/2017	0.0002 (J)		
5/25/2017	0.0002 (J)		
4/3/2018	0.00014 (J)		
6/5/2018	0.00016 (J)		
10/3/2018	<0.0005		
3/14/2019	<0.0005		
4/5/2019	0.00014 (J)		
9/25/2019	0.00019 (J)		
3/3/2020	0.00013 (J)		
3/31/2020	0.00015 (J)		
4/1/2020		0.00029 (J)	
6/17/2020		0.00028 (J)	
6/18/2020			0.00015 (J)
9/15/2020	0.00016 (J)		
9/21/2020		0.00029 (J)	
9/23/2020			<0.0005
2/11/2021	<0.0005		
2/12/2021		0.00025 (J)	
3/18/2021	0.00016 (J)	0.00031 (J)	
8/16/2021			<0.0005
8/18/2021		0.0004 (J)	
8/19/2021	0.0002 (J)		
2/8/2022	<0.0005	0.00025 (J)	
2/9/2022			<0.0005
8/10/2022	<0.0005	<0.001	<0.0005
1/27/2023		0.00021 (J)	
1/30/2023			<0.0005
2/1/2023	<0.0005		
8/12/2023			<0.0005
8/13/2023	<0.0005	0.00022 (J)	
2/18/2024	<0.0005	<0.001	<0.0005
8/9/2024	<0.0005	<0.001	
8/10/2024			<0.0005
2/16/2025		<0.001	
2/18/2025	<0.0005		<0.0005
8/8/2025	<0.0005	0.00023 (J)	<0.0005
2/6/2026	<0.0005	0.00024 (J)	<0.0005
Mean	0.0003631	0.0004647	0.0004708
Std. Dev.	0.0001667	0.0003372	0.000101
Upper Lim.	0.0005	0.001	0.0005
Lower Lim.	0.00019	0.00023	0.00015

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 4/8/2026 10:12 AM View: Confidence Interval

Plant Hammond Client: Southern Company Data: Hammond AP2

	MW-35
6/18/2020	0.00013 (J)
9/21/2020	<0.0005
2/15/2021	<0.0005
3/19/2021	<0.0005
8/18/2021	<0.0005
2/8/2022	<0.0005
8/11/2022	<0.0005
2/1/2023	<0.0005
8/12/2023	<0.0005
2/19/2024	<0.0005
8/9/2024	<0.0005
3/6/2025	<0.0005
8/8/2025	<0.0005
2/6/2026	<0.0005
Mean	0.0004736
Std. Dev.	9.889E-05
Upper Lim.	0.0005
Lower Lim.	0.00013

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 AP2 Printed 4/8/2026, 10:19 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	**HGWA-4 (bg)**	**0**	**-139**	**-106**	**Yes**	**29**	**62.07**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**HGWC-18**	**-0.01062**	**-264**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	**MW-35**	**-0.003568**	**-55**	**-37**	**Yes**	**14**	**7.143**	**n/a**	**0.05**	**NP**

Appendix IV Trend Tests - Confidence Interval Exceedances - All Results

Plant Hammond Client: Southern Company Data: Hammond AP2 Printed 4/8/2026, 10:19 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Cobalt (mg/L)	HGWA-1 (bg)	0	-59	-112	No	30	83.33	n/a	0.05	NP
Cobalt (mg/L)	HGWA-2 (bg)	0.0001836	22	112	No	30	0	n/a	0.05	NP
Cobalt (mg/L)	HGWA-3 (bg)	0	0	112	No	30	100	n/a	0.05	NP
Cobalt (mg/L)	**HGWA-4 (bg)**	**0**	**-139**	**-106**	**Yes**	**29**	**62.07**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	HGWA-5 (bg)	0	-26	-106	No	29	31.03	n/a	0.05	NP
Cobalt (mg/L)	HGWA-6 (bg)	0	-22	-106	No	29	96.55	n/a	0.05	NP
Cobalt (mg/L)	HGWA-42D (bg)	0	3	45	No	16	87.5	n/a	0.05	NP
Cobalt (mg/L)	HGWA-43D (bg)	0	0	45	No	16	100	n/a	0.05	NP
Cobalt (mg/L)	HGWA-44D (bg)	0	0	45	No	16	100	n/a	0.05	NP
Cobalt (mg/L)	**HGWC-18**	**-0.01062**	**-264**	**-112**	**Yes**	**30**	**0**	**n/a**	**0.05**	**NP**
Cobalt (mg/L)	MW-33	-0.002418	-36	-45	No	16	0	n/a	0.05	NP
Cobalt (mg/L)	**MW-35**	**-0.003568**	**-55**	**-37**	**Yes**	**14**	**7.143**	**n/a**	**0.05**	**NP**

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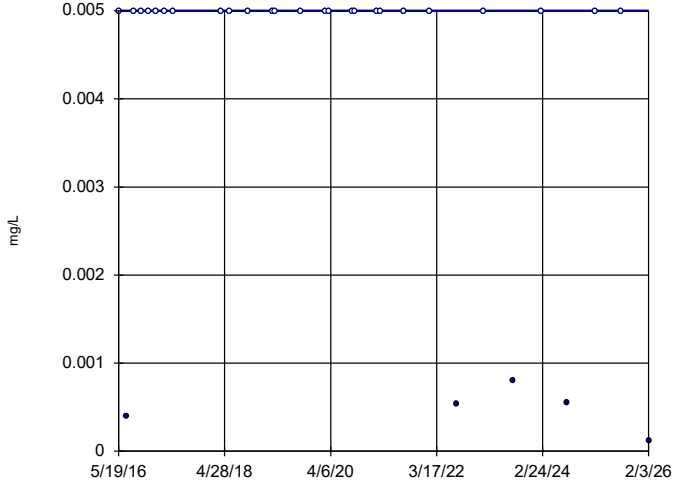
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-1 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = -59
critical = -112

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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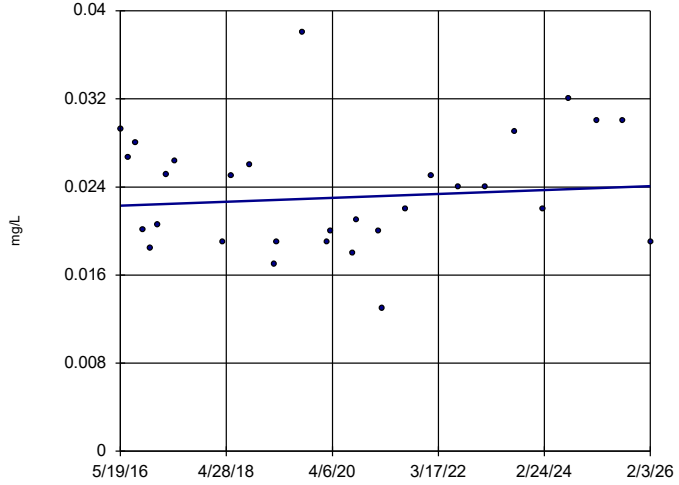
Sen's Slope Estimator

HGWA-2 (bg)



n = 30

Slope = 0.0001836
units per year.

Mann-Kendall
statistic = 22
critical = 112

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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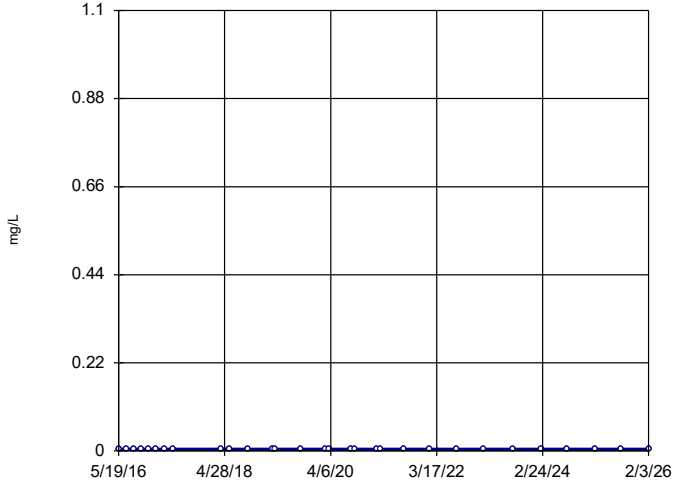
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-3 (bg)



n = 30

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 112

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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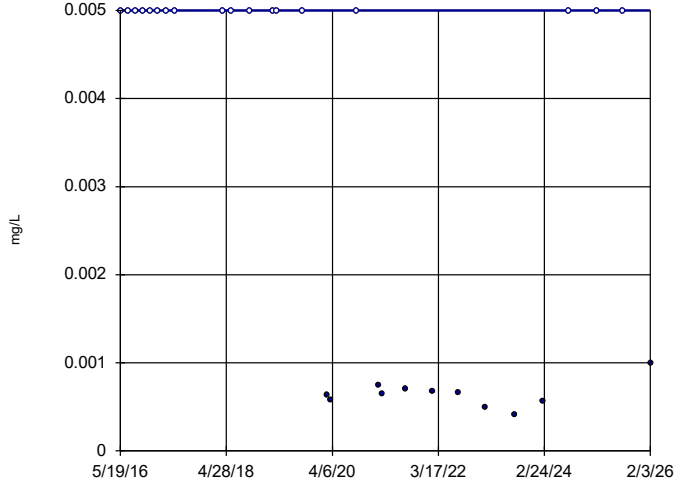
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-4 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -139
critical = -106

Decreasing trend
significant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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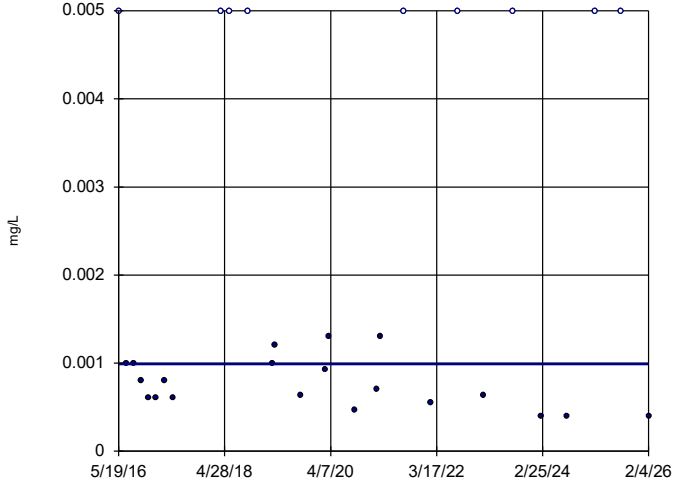
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-5 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -26
critical = -106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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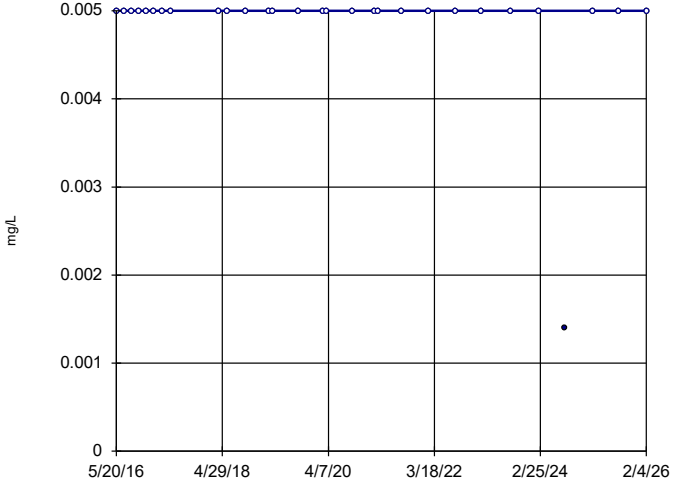
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-6 (bg)



n = 29

Slope = 0
units per year.

Mann-Kendall
statistic = -22
critical = -106

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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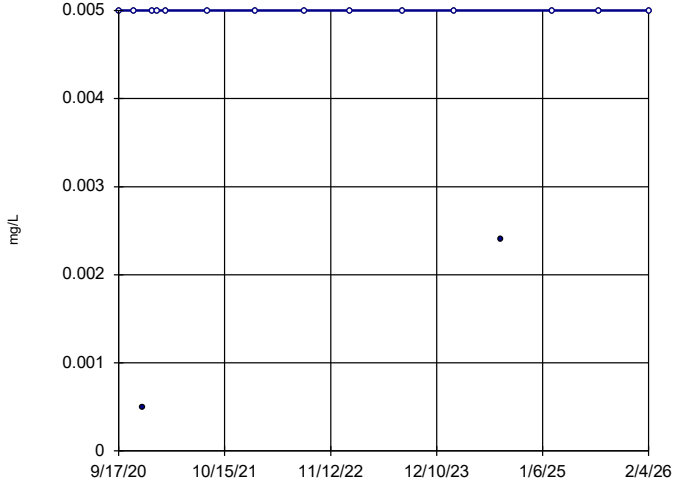
Sen's Slope Estimator

HGWA-42D (bg)



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = 3
critical = 45

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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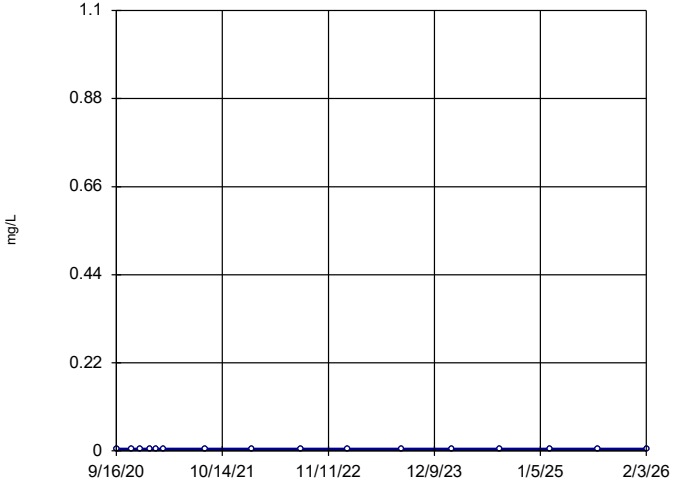
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-43D (bg)



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 45

Trend not sig-
nificant at 95%
confidence level
(α = 0.025 per
tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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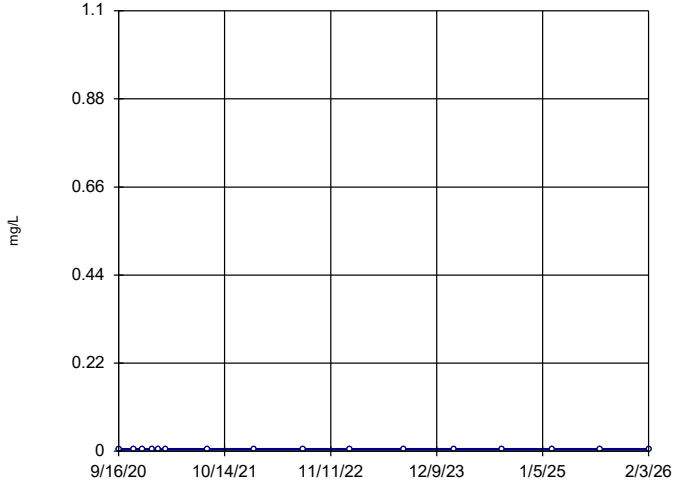
Hollow symbols indicate censored values.

Sen's Slope Estimator

HGWA-44D (bg)



n = 16

Slope = 0
units per year.

Mann-Kendall
statistic = 0
critical = 45

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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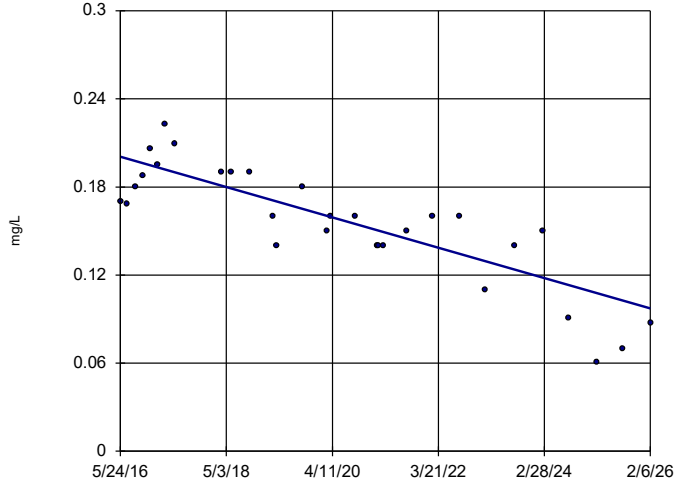
Sen's Slope Estimator

HGWC-18



n = 30

Slope = -0.01062
units per year.

Mann-Kendall
statistic = -264
critical = -112

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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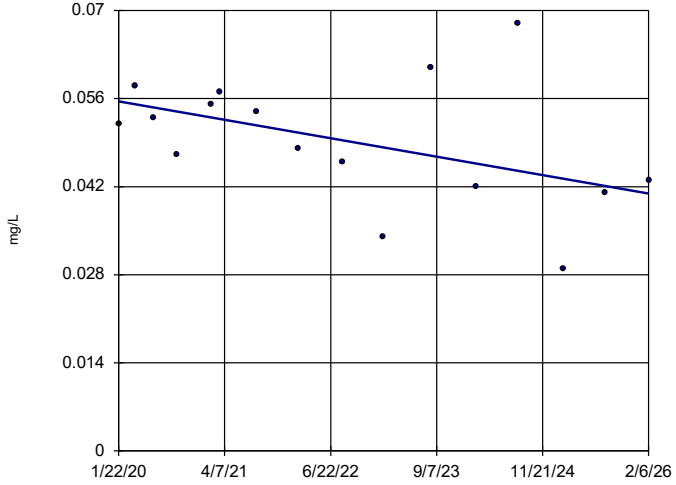
Sen's Slope Estimator

MW-33



n = 16

Slope = -0.002418
units per year.

Mann-Kendall
statistic = -36
critical = -45

Trend not significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2

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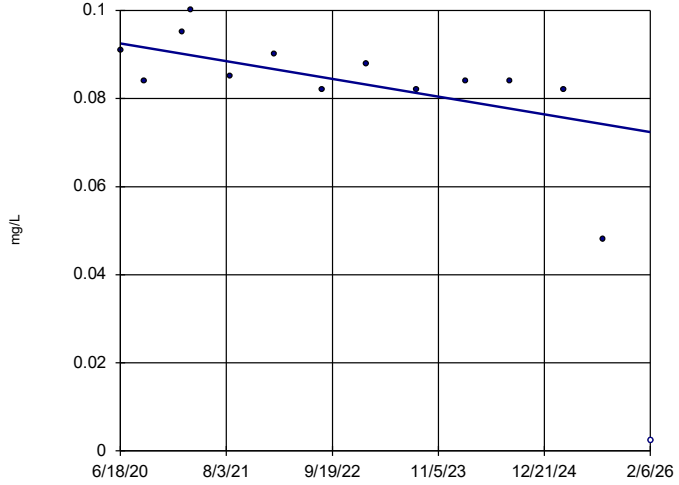
Hollow symbols indicate censored values.

Sen's Slope Estimator

MW-35



n = 14

Slope = -0.003568
units per year.

Mann-Kendall
statistic = -55
critical = -37

Decreasing trend significant at 95% confidence level (α = 0.025 per tail).

Constituent: Cobalt Analysis Run 4/8/2026 10:17 AM View: Appendix IV Trend Test
Plant Hammond Client: Southern Company Data: Hammond AP2