2025 SEMI-ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

GEORGIA POWER COMPANY – PLANT MITCHELL
ASH PONDS A, 1, AND 2
DOUGHERTY AND MITCHELL COUNTIES, GEORGIA

PROJECT NO.: 31406440.6902
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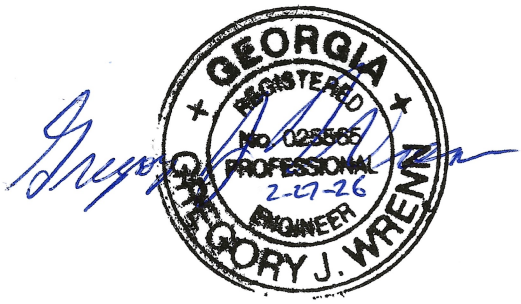
CERTIFICATION STATEMENT

This *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report*, Plant Mitchell (Ash Ponds A, 1, and 2) has been prepared in compliance with the Georgia Environmental Protection Division Rules for Solid Waste Management 391-3-4-.10 by a qualified groundwater scientist or engineer with WSP USA 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.



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SUMMARY

This summary of the *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report* provides the status of groundwater monitoring and corrective action program from July through December 2025 at Georgia Power Company's (Georgia Power's) Plant Mitchell Ash Ponds A, 1, and 2 (the Site). This summary was prepared by WSP USA Inc. (formerly Wood Environment & Infrastructure Solutions, Inc.) on behalf of Georgia Power to meet the requirements listed in Georgia Environmental Protection Division (GA EPD) Rules for Solid Waste Management 391-3-4-.10, and by reference Part A, Section 6[1] of the United States Environmental Protection Agency (US EPA) Coal Combustion Residual (CCR) Rule (40 Code of Federal Regulations [CFR] 257 Subpart D).

Plant Mitchell Ash Ponds A, 1, and 2

Georgia Power's Plant Mitchell is located approximately eight miles south of Albany, Georgia. The Plant Mitchell Site is comprised of approximately 516 acres, with the northern portion of the Site located in Dougherty County and the southern portion located in Mitchell County. Baker County is located immediately to the west of the Site, with the Flint River forming the county boundary. There are three CCR surface impoundments (ash ponds) at the Site: Ash Pond A, Ash Pond 1, and Ash Pond 2. The three ash ponds are located adjacent to each other and are therefore considered to be one multi-unit for groundwater monitoring purposes. The former coal-fired plant buildings have been demolished. The CCR material is being removed from the ash ponds and the ponds are in the process of being closed. The Plant Mitchell CCR Surface Impoundments (Ash Pond A, Ash Pond 1, and Ash Pond 2) Permit was approved on June 28, 2022 (Permit No. 047-024D(CCR)).

The groundwater monitoring program for the ash ponds is managed in accordance with the GA EPD CCR Rules. A comprehensive well network monitors the groundwater conditions upgradient and downgradient of the ash ponds, in accordance with GA EPD rule requirements. Routine sampling and reporting began after the background groundwater conditions were established between August 2016 and October 2018.

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[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*

The first detection monitoring event was conducted in March 2019 and the first assessment monitoring event was in October 2019.

A semi-annual groundwater monitoring event was conducted in September 2025 and the Site remains in assessment monitoring. The samples collected during these routine semi-annual monitoring events were analyzed for the full suite of Appendix III[2] and the full suite of Appendix IV[3] constituents. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the CCR rule, groundwater results for September 2025 were evaluated in accordance with the certified statistical methods. That evaluation showed statistically significant values of Appendix III constituents in wells provided in the table below. There are no confidence intervals of the individual well/constituent pairs above a Groundwater Protection Standard (GWPS). Therefore, no statistically significant levels (SSLs) were identified for the September 2025 sampling event.

Appendix III Constituents	**September 2025**
Boron	PZ-7D, PZ-15, PZ-16, PZ-17 PZ-18, PZ-23A, PZ-25, PZ-33, PZ-57
Calcium	PZ-18, PZ-23A, PZ-33
Chloride	PZ-15, PZ-16
Fluoride	None
pH	PZ-15, PZ-18, PZ-19, PZ-23A
Sulfate	PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, PZ-57
TDS	PZ-7D, PZ-15, PZ-16, PZ-18, PZ-19, PZ-23A, PZ-33, PZ-57

Based on review of the Appendix III and Appendix IV statistical results completed for the groundwater monitoring and corrective action program for September 2025, the Site will continue in assessment monitoring. Georgia Power will continue routine groundwater monitoring and reporting at the Site. Reports will be posted to the website and provided to GA EPD semi-annually.

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[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 radium 226 + 228*

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LIST OF ACRONYMS

CCR	Coal Combustion Residuals
CFR	Code of Federal Regulations
cm/sec	Centimeters per Second
DO	Dissolved Oxygen
ft/day	Feet per Day
GA EPD	Georgia Environmental Protection Division
GWPS	Groundwater Protection Standard
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
mg/L	Milligrams per Liter
NAD	North America Datum of 1983
NAVD	North America Vertical Datum of 1988
NELAP	National Environmental Laboratory Accreditation Program
NTUS	Nephelometric Turbidity Units
OCGA	Official Code of Georgia Annotated
ORP	Oxidation-Reduction Potential
PL	Prediction Limit
QA/QC	Quality Assurance/Quality Control
RL	Reporting Limit (Laboratory)
SCS	Southern Company Services
SSI	Statistically Significant Increase
SSL	Statistically Significant Level
su	Standard Unit (Unit for pH Values)
US EPA	United States Environmental Protection Agency

1 INTRODUCTION

In accordance with the Georgia Environmental Protection Division (GA EPD) Rules of Solid Waste Management 391-3-4-.10(6)(a)-(c), this *2025 Semi-Annual Groundwater Monitoring and Corrective Action Report* has been prepared to document groundwater monitoring activities conducted at Georgia Power Company's (Georgia Power's) Plant Mitchell Ash Ponds A, 1, and 2. To specify groundwater monitoring requirements, GA EPD Rule 391-3-4-.10(6)(a) incorporates by reference the United States Environmental Protection Agency (US EPA) Coal Combustion Residuals (CCR) Rule 40 Code of Federal Regulations (CFR) § 257 Subpart D. For ease of reference, the US EPA CCR Rules are cited within this report instead of the GA EPD Rules.

Groundwater monitoring and reporting for Plant Mitchell are performed in accordance with the monitoring requirements of § 257.90 through § 257.95. This semi-annual report documents the activities completed from July through December 2025 in accordance with GA EPD Rule 391-3-4-.10(6) and includes the semi-annual assessment monitoring event conducted in September 2025.

1.1 SITE DESCRIPTION AND BACKGROUND

Georgia Power's Plant Mitchell is located approximately eight miles south of Albany, Georgia. The Plant Mitchell site (the Site) is comprised of approximately 516 acres, with the northern portion of the Site located in Dougherty County and the southern portion located in Mitchell County. Baker County is located immediately to the west of the Site, with the Flint River forming the county boundary **(Figure 1: Site Location Map)**. As depicted in **Figure 2: Monitoring Network Well Location Map**, the former coal-fired electric generating facility was located to the north of Ash Ponds A, 1, and 2. The Site is partially bounded by the Flint River on the west, the Georgia and Florida Railway on the east, pecan orchards to the south. The wooded land immediately north of the former plant buildings is owned by the Georgia Power Company.

There are three CCR surface impoundments (ash ponds) at the Site: Ash Pond A, Ash Pond 1, and Ash Pond 2. The three ash ponds are located adjacent to each other and are therefore considered to be one multi-unit for groundwater monitoring purposes. The former coal-fired plant buildings have been demolished. The CCR material is being removed from the ash ponds and the ponds are in the process of being closed. The removed CCR material is being transported by rail and/or by truck for disposal at an approved landfill or beneficially reused.

Plant Mitchell Ash Pond A was closed in 1962, Ash Pond 1 closed in 1980, and Ash Pond 2 ceased accepting CCR prior to October 19, 2015. The Plant Mitchell CCR Surface Impoundments (Ash Pond A, Ash Pond 1, and Ash Pond 2) Permit was issued by GA EPD on June 28, 2022 (Permit No. 047-024D(CCR)).

Groundwater monitoring has been initiated in order to meet GA EPD CCR requirements. The CCR background study was initiated in August 2016 and was completed in October 2018. The first detection monitoring event was conducted in March 2019 and the first assessment

monitoring event was in October 2019. The Site remained in assessment monitoring during this reporting period.

1.2 REGIONAL GEOLOGY AND HYDROGEOLOGIC SETTING

The geology and hydrogeology of the Plant Mitchell Ash Ponds A, 1, and 2 are summarized below. The Plant Mitchell Site is located in the Dougherty Plain physiographic district within the Gulf Coastal Plain Physiographic Province (Watson, 1981; Clark and Zisa, 1976). The Dougherty Plain is characterized as relatively flat to gently rolling lowland karst terrain consisting of solutional features including caves, ephemeral streams, springs, and solution features which manifest surficially as shallow depressions.

The surface and near surface soils in the region consist of approximately 0 to 70 feet of unconsolidated sediment collectively referred to as residuum or overburden. This overburden is typically composed of discontinuous layers of sand and clay derived from the in-place weathering of the underlying Ocala Limestone. The overburden clay content ranges from 10 to 70 percent, with clay content typically being greater than 25 percent (Watson, 1981) making the overburden material less permeable than the underlying carbonate bedrock.

The Ocala Limestone in the region is described as a light-colored fossiliferous friable to well-indurated limestone (Gordon and Gonthier, 2017). Regionally, the Ocala Limestone is between 125 and 275 feet thick with increasing thickness to the southeast. The Ocala Limestone is part of the Floridan aquifer, which is hydraulically separated from the underlying Claiborne aquifer by the Lisbon Confining Unit (Gordon and Gonthier, 2017).

1.2.1 SITE GEOLOGY

Based on the borings drilled to establish the detection monitoring network, the lithologies underlying the ash pond area from the ground surface to depth are overburden (residuum) and carbonate bedrock. The overburden (residuum) at the Site consists of an interlayered sequence of predominantly fine-grained unconsolidated material including reddish brown to gray silty and clayey sands overlying sandy clay and clay. The overburden material is composed of the residual product of weathering of the underlying Ocala Limestone in the form of non-calcareous clay interlayered with quartz sand alluvium deposits (Hicks et al, 1981). A discontinuous zone of low permeability fine-grained sediments overlying the Ocala Limestone may serve as a barrier that restricts vertical movement of groundwater from the overburden to the limestone beneath the ash pond area, as indicated by many of the boring logs from multiple subsurface investigations at the Site. The *Hydrogeologic Assessment Report* (Wood, 2022a) presents laboratory analysis of undisturbed samples collected from fine-grained sediment directly overlying the limestone indicate this material can exhibit a permeability on the order of 10^{-4} to 10^{-8} centimeters per second (cm/sec) or 10^{-1} to 10^{-5} feet per day (ft/day). These values are generally consistent with the published range of literature values for overburden materials in the Dougherty Plain area. Hayes, et al. (1983) estimated horizontal hydraulic conductivity ranging from 0.0004 feet/day to 30 feet/day with a median value of 0.002 feet/day for samples gathered in the Dougherty Plain. A sample collected to the north

of the study area of Hayes, et al. (1983) estimated a hydraulic conductivity value of 0.002 feet/day and a vertical hydraulic conductivity value of 0.001 feet/day.

Locally, the Ocala Limestone bedrock is characterized as a pink to white, slightly silty, friable to well indurated fossiliferous limestone. The contact between overburden and bedrock at the Site is noted as an abrupt and distinct change in color, texture, and carbonate content from the overburden to bedrock. The Ocala Limestone is often described in the boring logs as a fine to coarse calcareous sand with increasing consolidation and cementation with depth. The surface of the carbonate bedrock is highly irregular due to differential weathering. In general, the bedrock surface slopes from the Site toward the Flint River in the west and southwest, and toward the unnamed creek in the east. As described in the *Hydrogeologic Assessment Report* (Wood, 2022a), in-situ hydraulic conductivity (slug) tests in the bedrock at the Site ranged from 3.83×10^{-4} to 2.05×10^{-3} cm/sec or 1.08 to 5.81 feet/day with an average of 1.07×10^{-3} cm/sec or 3.04 feet/day.

1.2.2 SITE HYDROGEOLOGY

Two main hydrostratigraphic units are present at the Site: overburden (residuum) and carbonate bedrock and comprise the uppermost aquifer. The bedrock and lower part of the overburden are saturated. Where there is CCR/embankment material overlying the overburden and bedrock, it is predominantly unsaturated as indicated by several piezometers screened in the CCR/overburden contact. The monitoring well network for the Ash Ponds monitors the carbonate upper bedrock because the limestone yields usable, continuous, and persistent water, unlike the overlying overburden.

General groundwater flow in the bedrock aquifer is from the northern and eastern boundaries of the Site toward Ash Ponds 1 and 2 where a more dominant westerly to southwesterly flow direction is present as indicated on **Figure 3: Potentiometric Surface Map – Upper Bedrock – September 2, 2025**.

1.3 GROUNDWATER MONITORING SYSTEM

Ash Ponds A, 1, and 2 are located adjacent to each other and are therefore considered to be one multi-unit for groundwater monitoring purposes. The groundwater monitoring system is described below.

Groundwater at the Site is monitored using a comprehensive monitoring system of wells installed to meet federal and state monitoring requirements. Pursuant to § 257.91, Georgia Power installed a groundwater monitoring system within the uppermost aquifer at Ash Ponds A, 1, and 2. The monitoring system is designed to monitor groundwater passing the waste boundary of the Ash Ponds A, 1, and 2 within the uppermost aquifer. Wells were located to serve as upgradient or downgradient monitoring points of Ash Ponds A, 1, and 2 based on groundwater flow direction. The monitoring well locations are shown in **Figure 2** and **Table 1 Monitoring Well and Piezometer Construction Data** provides construction details for the detection monitoring wells in the CCR monitoring network. The monitoring wells are supplemented with piezometers that are used for water level measurements only (**Table 1)**.

2 GROUNDWATER MONITORING ACTIVITIES

As required by 257.90(e), the following describes monitoring-related activities performed from July to December 2025. The groundwater sampling event was performed for assessment monitoring in accordance with § 257.93. Samples were collected from each of the monitoring wells listed in **Table 2: Groundwater Sampling Event Summary**.

2.1 MONITORING WELL AND PIEZOMETER MAINTENACE

Monitoring well-related activities conducted during this period included the following:

- Monitoring wells are inspected semi-annually to determine if 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 September 2025, monitoring wells were inspected, necessary corrective actions were identified and subsequently completed, as documented in **Appendix A: Well Repairs and Inspections**. The inspection and repairs were performed under the direction of a professional geologist or engineer registered in the State of Georgia.
- A few minor repairs and maintenance activities were conducted on the wells during the September 2025 events and are summarized in the well repair memo in **Appendix A.**

2.2 ASSESSMENT MONITORING

Pursuant to § 257.94(e)(1), Georgia Power implemented assessment monitoring based on Statistically Significant Increases (SSIs) of Appendix III constituents identified in the initial detection monitoring event (March 2019). An Assessment Monitoring Program Notification was prepared for Ash Ponds A, 1, and 2 on November 13, 2019, pursuant to § 257.94(e)(3) and placed in the facility's Operating Record as required by § 257.105(h)(5).

One semi-annual assessment monitoring event was conducted during this reporting period in September 2025. Pursuant to § 257.95(d)(1), groundwater samples collected from the CCR monitoring network wells were analyzed for Appendix III constituents and the full suite of Appendix IV constituents. Data reports for the September 2025 event is included in **Appendix B: Laboratory Analytical and Field Sampling Reports – September 2025.**

3 SAMPLE METHODOLOGY & ANALYSES

The following sections describe the methods used to complete groundwater monitoring at Plant Mitchell Ash Ponds A, 1, and 2.

3.1 GROUNDWATER ELEVATION MEASUREMENTS AND FLOW DIRECTION

Prior to each sampling event, groundwater elevations are recorded from each well in the network for Plant Mitchell Ash Ponds A, 1, and 2. Groundwater elevations recorded during the September 2025 monitoring event are summarized in **Table 3: Summary of Groundwater Elevations – September 2025**. Groundwater elevation data from the monitoring event were used to develop a potentiometric surface elevation contour map (**Figure 3: Potentiometric Surface Map – Upper Bedrock – September 2, 2025**). The September 2025 groundwater elevations were calculated using the re-surveyed top of casing elevations from the June 15, 2020 survey by McKim & Creed. Groundwater flow in the carbonate upper bedrock **(Figure 3)** is predominantly to the west-southwest. The west-southwest groundwater flow pattern observed during the September 2025 monitoring event is consistent with conditions observed during previous monitoring events. Consistent with seasonal variations, the September 2, 2025 groundwater elevations were about two feet lower than the March 10, 2025 groundwater elevations. The September 2, 2025 groundwater elevations were similar to previous events' groundwater elevations.

3.2 GROUNDWATER GRADIENT AND FLOW VELOCITY

The horizontal groundwater flow velocity at Plant Mitchell Ash Ponds A, 1, and 2 was calculated using the commonly used derivative of Darcy's Law. Specifically,

Where:

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

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

$K =$ Average hydraulic conductivity of the aquifer $\left(\frac{feet}{day}\right)$

$i =$ Horizontal hydraulic gradient $\left(\frac{feet}{feet}\right)$

$n_e =$ Effective porosity

Although Darcy's equation is primarily applicable to diffuse flow in porous media, it is also used where flow is analogous to conditions in a homogenous aquifer. Stewart, et al. (1999) states that "water flow in the Upper Floridan (Ocala Limestone) can be classified generally as (1) diffuse, where flow is analogous to conditions in homogenous aquifer, and can be described by using basic Darcian equations; and (2) conduit, where water flows in distinct conduits and

surrounding rock has comparatively low porosity and low permeability." Based on the lack of karst features such as cavities in boring logs, the narrow range and relatively low values of hydraulic conductivity, and relatively uniform potentiometric surface for the bedrock aquifer at the Site, the application of Darcy's equation produces approximate linear groundwater flow velocities for the shallow bulk carbonate bedrock aquifer.

Groundwater flow velocities were calculated using an average hydraulic conductivity value of 3.04 feet/day, and an effective porosity of 20 percent (Hayes, et al., 1983). **Table 4: Groundwater Flow Velocity Calculations – September 2025** summarizes the groundwater flow velocities. Results for groundwater flow velocities in September 2025 ranged from 0.01 to 0.02 feet/day (4 to 9 feet/year). These calculated groundwater velocities across the Site are generally consistent with historical calculations and with expected velocities in the site-specific geology, therefore, confirming the groundwater monitoring network is properly located to monitor the uppermost aquifer.

3.3 GROUNDWATER SAMPLING

Groundwater samples were collected for the September 2025 monitoring event in accordance with § 257.93(a). Each of the monitoring wells at the Site is equipped with a dedicated QED bladder pump. The monitoring wells were purged and sampled using low-flow sampling procedures. Sampling equipment and pump intakes were placed at the midpoint of the well screen. Care was taken to maintain a water level above the top of screen and not draw the water level down below the pump during purging. Water level stabilization was achieved when three consecutive water level measurements vary by 0.3 foot or less at a pumping rate of no less than 100 milliliters per minute. An AquaTroll® (In-Situ field instrument) was used to monitor and record field water quality parameters (pH, conductivity, dissolved oxygen (DO), temperature, and oxidation-reduction potential (ORP) and a Hach 2100Q (or similar) portable turbidity meter was used to measure turbidity during well purging to verify stabilization prior to sampling. Groundwater samples were collected when the following stabilization criteria were met:

- pH ± 0.1 Standard Units (s.u.);
- Specific conductance ± 5 percent;
- DO ±10 percent or ±0.2 milligrams per liter (mg/L) (whichever is greater) for DO where DO >0.5 mg/L (if DO <0.5 mg/L no stabilization criteria apply); and,
- Turbidity measurements less than 5 Nephelometric Turbidity Units (NTUs), or between 5 and 10 NTUs after 3 hours of purging.

Once stabilization was achieved, samples were collected into appropriately preserved laboratory-supplied sample containers. Sample bottles were placed in ice-packed coolers and submitted to the analytical laboratory following chain-of-custody protocol. The field sampling and equipment calibration forms generated during this monitoring event are provided in **Appendix B.**

3.4 LABORATORY ANALYSES

The full suites of Appendix III and IV constituents were analyzed during the September 2025 semi-annual event. Analytical methods used for groundwater sample analyses are listed on the analytical laboratory reports included in **Appendix B**.

Laboratory analyses were performed by Pace Analytical Services, LLC, of, Asheville, North Carolina, West Columbia, South Carolina, Mt Juliet, Tennessee, and Greensburg, Pennsylvania. The Pace laboratories are accredited by National Environmental Laboratory Accreditation Program (NELAP) and maintain a NELAP certification for all constituents analyzed. In addition, Pace laboratories are certified to perform analysis by the State of Georgia. Groundwater data laboratory reports and chain of custody records for these monitoring events are presented in **Appendix B**.

3.5 GROUNDWATER ANALYTICAL RESULTS

Table 5: Groundwater Analytical Data Summary – September 2025, summarizes the analytical data. The complete laboratory and field data sheets are included in **Appendix B**. Time series data for the Appendix III and IV constituents are provided in **Appendix C: Statistical Analyses**.

3.6 QUALITY ASSURANCE & QUALITY CONTROL

During each sampling event, quality assurance/quality control (QA/QC) samples are collected. Equipment blanks (where non-dedicated sampling equipment is used) are collected at a rate of one QA/QC sample per 10 groundwater samples. Blind field duplicate samples were collected by filling additional containers at the same location during the sampling event and were collected at a rate of one QA/QC sample per 10 groundwater samples. Field blanks were also collected to evaluate ambient conditions at the sampling locations at a rate of one QA/QC sample per 10 groundwater samples. Quality assurance and quality control of the groundwater data was assessed by performing a data quality evaluation of the laboratory results reported. A data quality evaluation was conducted on the data using laboratory precision and accuracy, and analytical method requirements. The constituent concentrations were generally within the historical range of concentrations. The data quality evaluations are included in **Appendix B**.

The analytical results provided in **Table 5** provide concentrations from the most recent sampling event as reported by the laboratory. When values are followed by a "J" flag, this indicates that the value is an estimated analyte concentration detected between the method detection limit and the laboratory reporting limit. The estimated value is positively identified but is below the lowest level that can be reliably achieved within specified limits of precision and accuracy under routine laboratory operating conditions. Radium values followed by a "U" flag indicate the constituent was not detected above the analytical minimum detectable concentration. The data are considered usable for meeting project objectives and the results are considered valid.

4 STATISTICAL ANALYSIS

The Site is currently in assessment monitoring. Statistical analysis of Appendix III groundwater monitoring data was performed on samples collected from the groundwater monitoring network pursuant to § 257.93(f) and following the Professional Engineer-certified statistical analysis plans and the Site's *Groundwater Monitoring Plan* (GWMP) (WSP, 2026). The statistical analysis plan used at the Site was developed in April 2019 by Groundwater Stats Consulting in accordance with § 257.93(f) using methodology presented in *Statistical Analysis of Groundwater Data at RCRA Facilities, Unified Guidance*, March 2009, EPA 530/R-09-007 (US EPA, 2009). To develop the statistical method, analytical data collected during the background period were evaluated and used to develop statistical limits for each Appendix III constituent. Subsequent detection monitoring results were compared to the statistical limits to determine if concentrations were statistically different from background.

Pursuant to § 257.95(d)(2), Georgia Power established groundwater protection standards (GWPS) for the Appendix IV monitoring constituents and conducted statistical analysis of the Appendix IV groundwater monitoring data obtained during the September 2025 semi-annual assessment monitoring event to evaluate if concentrations statistically exceeded the established GWPS. The following subsections provide an overview of the statistical methods used to evaluate Appendix III and IV constituents and statistical analyses results.

4.1 STATISTICAL METHOD

Sanitas groundwater statistical software was used to perform the statistical analyses at the Site. Sanitas is a commercially available decision support software package that incorporates the statistical tests required of Subtitle C and D facilities by US EPA regulations and guidance as recommended in the Unified Guidance (US EPA, 2009) document. The Sanitas groundwater statistical software was used to perform the statistical analyses of groundwater quality semi-annual data obtained in September 2025. The interwell statistical method was used for the analysis of the Appendix III constituents. Confidence intervals were calculated for each of the detected Appendix IV constituents in each downgradient well. **Table 6: Statistical Method Summary** provides a summary of the statistical methodology used at Ash Ponds A, 1, and 2 for the semi-annual monitoring events conducted in September 2025 and will be used for routine monitoring in the future. Specific methodology information is described in the following paragraphs.

4.1.1 APPENDIX III STATISTICAL METHOD

Statistical tests used to evaluate the groundwater monitoring data consist of interwell prediction limits (PL) combined with a 1-of-2 verification re-sample plan for each of the Appendix III constituents. The interwell prediction limits were used to evaluate the full suite of Appendix III constituents. When using the interwell method, upgradient well data are pooled to establish a background statistical limit (PL) for each constituent. Pooled concentrations from the Site upgradient wells (PZ-1D, PZ-2D, PZ-31, PZ-32) were used to establish the prediction limit for each individual Appendix III constituent. Appendix III constituent

concentrations from the semi-annual September 2025 monitoring event were compared to the interwell prediction limits to evaluate whether downgradient well concentrations exceed background statistical limits. When a constituent concentration exceeds the PL, a statistically significant increase (SSI) exceedance is identified.

If data from a sampling event initially exceeds the PL, an optional resampling strategy can be used to verify the result as described in Section 4.1 and **Table 6**. A confirmed exceedance is only noted when the re-sample confirms the initial exceedance by also exceeding the prediction limit or if re-sampling is not performed. If the re-sample does not exceed the PL, then there is no SSI.

4.1.2 APPENDIX IV STATISTICAL METHOD

The assessment monitoring program statistics for Appendix IV constituents at Plant Mitchell were conducted in two parts. The first part was the calculation of tolerance limits for site-specific background limits for Appendix IV constituents. The second part was the calculation of confidence intervals for individual downgradient well/constituent pairs.

Interwell tolerance limits were used to calculate the site-specific background limits from pooled upgradient well data for Appendix IV constituents. Parametric tolerance limits are used when data follow a normal or transformed-normal distribution such as for barium and radium. When data contained greater than 50 percent non-detects or did not follow a normal or transformed-normal distribution, non-parametric tolerance limits were used. The background limits were then used when determining the GWPS under 40 CFR § 257.95(h).

Following the above rule requirements, GWPSs were established for statistical comparison of Appendix IV constituents for the September 2025 sampling events. **Table 7: Summary of Background Levels and GWPS** summarizes the GWPSs established for each event for the Appendix IV constituents. The background levels for each event are summarized in **Appendix C**.

To complete the statistical comparison to GWPS, confidence intervals were constructed for each of the Appendix IV constituents in each downgradient well for each event. The Sanitas software was used to calculate the tolerance limits and the confidence intervals. Those confidence intervals were compared to the GWPS established using the GA EPD Rules 391-3-4-.10(6)(a). Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, an SSL exceedance is identified.

4.2 STATISTICAL ANALYSES RESULTS – APPENDIX III

The statistical analysis and comparison to prediction limits are included as **Appendix C**. Based on review of the full Appendix III statistical analysis discussion presented in **Appendix C**, groundwater conditions have not returned to background concentrations and assessment monitoring should continue to be conducted.

4.3 STATISTICAL ANALYSES RESULTS – APPENDIX IV

Appendix C shows the individual well/constituent pairs with their respective confidence intervals in comparison to the respective constituent GWPS. There are no confidence intervals of the individual well/constituent pairs above a GWPS, established according to GA EPD Rules 391-3-4-.10(6)(a). Therefore, no SSLs were identified for the September 2025 sampling event.

5 MONITORING PROGRAM STATUS

The Plant Mitchell Ash Ponds A, 1, and 2 CCR multi-unit is in assessment monitoring due to the detection of SSIs of Appendix III constituents initially in March 2019. Similar SSIs of Appendix III constituents were detected in the September 2025 semi-annual event. No SSLs were identified for the Appendix IV constituents during the September 2025 event. Pursuant to § 257.95, Georgia Power will continue assessment monitoring at Plant Mitchell Ash Ponds A, 1, and 2.

6 CONCLUSIONS & FUTURE ACTIONS

This *2025 Semi-Annual Groundwater Monitoring & Corrective Action Report* for Georgia Power's Plant Mitchell Ash Ponds A, 1, and 2 was prepared to fulfill the requirements of GA EPD Rules for Solid Waste Management 391-3-4-.10. Statistical evaluations of the groundwater monitoring data for Plant Mitchell Ash Ponds A, 1, and 2 identified SSIs of Appendix III groundwater monitoring constituents. No SSLs were identified for the Appendix IV constituents. Georgia Power has initiated assessment monitoring pursuant to the requirements of § 257.95. The next semi-annual assessment sampling event is planned for March 2026. The next semi-annual assessment monitoring event will include sampling and analysis of the full suites of Appendix III and Appendix IV constituents.

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TABLES

TABLE 1
MONITORING WELL AND PIEZOMETER CONSTRUCTION DATA
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

Well ID	Location	Northing (NAD 83) [1]	Easting (NAD 83) [1]	Ground Surface Elevation (feet NAVD88) [2]	Top of Casing Elevation (feet NAVD88) [2]	Top of Screen Elevation (feet NAVD88) [2][3]	Bottom of Screen Elevation (feet NAVD88) [2][3]	Total Well Depth from (Feet Below Top of Casing)	Lithology Screened	Installation Date
DETECTION MONITORING WELLS										
PZ-1D	Upgradient	526353.90	2307362.80	193.44	196.44	125.8	115.8	81.0	Bedrock (Limestone)	06/11/2014
PZ-2D	Upgradient	526067.30	2308155.40	175.64	178.51	108.0	98.0	80.9	Bedrock (Limestone)	06/10/2014
PZ-7D	Downgradient	521425.10	2305995.30	170.28	173.08	123.9	113.9	59.8	Bedrock (Limestone)	06/03/2014
PZ-14	Downgradient	521473.10	2306804.80	180.85	183.46	140.9	130.9	52.6	Bedrock (Limestone)	07/25/2016
PZ-15	Downgradient	521600.20	2305357.30	167.38	170.37	97.4	87.4	83.0	Bedrock (Limestone)	07/23/2016
PZ-16	Downgradient	522125.00	2305359.90	171.21	173.92	131.2	121.2	52.7	Bedrock (Limestone)	07/25/2016
PZ-17	Downgradient	522587.90	2305886.70	170.12	172.91	120.1	110.1	62.8	Bedrock (Limestone)	07/22/2016
PZ-18	Downgradient	523145.70	2306142.30	167.34	170.11	117.3	107.3	62.8	Bedrock (Limestone)	07/23/2016
PZ-19	Downgradient	523582.10	2306153.60	169.40	172.05	120.4	110.4	62.7	Bedrock (Limestone)	07/13/2016
PZ-23A	Downgradient	523831.50	2307743.40	189.06	191.85	134.6	124.6	67.3	Bedrock (Limestone)	03/10/2020
PZ-25	Downgradient	524492.60	2306152.00	168.24	171.14	118.2	108.2	62.9	Bedrock (Limestone)	07/20/2016
PZ-31	Upgradient	526996.30	2306857.60	180.32	182.96	133.3	123.3	59.6	Bedrock (Limestone)	10/13/2016
PZ-32	Upgradient	526078.70	2307723.70	178.19	180.75	126.2	116.2	64.6	Bedrock (Limestone)	10/13/2016
PZ-33	Downgradient	522212.60	2307233.90	187.08	189.61	126.7	116.7	72.9	Bedrock (Limestone)	10/02/2016
PZ-57	Downgradient	522849.90	2306107.50	166.50	169.35	107.0	97.0	72.8	Bedrock (Limestone)	11/04/2021

TABLE 1
MONITORING WELL AND PIEZOMETER CONSTRUCTION DATA
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

Well ID	Location	Northing (NAD 83) [1]	Easting (NAD 83) [1]	Ground Surface Elevation (feet NAVD88) [2]	Top of Casing Elevation (feet NAVD88) [2]	Top of Screen Elevation (feet NAVD88) [2][3]	Bottom of Screen Elevation (feet NAVD88) [2][3]	Total Well Depth from (Feet Below Top of Casing)	Lithology Screened	Installation Date
PIEZOMETERS										
MW-101	Downgradient	524507.70	2306160.30	168.14	170.93	154.8	145.3	26.3	Overburden (Sandy Clay)	02/14/1995
MW-102	Downgradient	524508.20	2306153.60	168.10	170.93	132.0	122.8	48.7	Bedrock (Limestone)	02/22/1995
MW-116	Downgradient	523649.90	2306082.50	168.93	171.69	100.7	94.3	77.8	Bedrock (Limestone)	02/23/1995
MW-120	Downgradient	525213.72	2307102.25	191.03	193.79	152.4	143.3	51.1	Overburden (Clay)/Bedrock (Limestone)	02/24/1995
PZ-1S	Upgradient	526354.83	2307357.91	193.43	196.52	145.8	135.8	61.1	Overburden (Clay)	06/11/2014
PZ-2S	Upgradient	526066.70	2308163.40	175.63	178.61	131.6	121.6	57.5	Overburden (Sandy Clay)	06/10/2014
PZ-3D	Upgradient	525373.20	2307918.10	188.08	190.98	110.5	100.5	90.9	Bedrock (Limestone)	05/28/2014
PZ-3S	Upgradient	525363.48	2307920.16	188.14	191.12	138.5	128.5	63.0	Overburden (Sand/Clayey Sand)	05/28/2014
PZ-4D	Downgradient	524198.20	2308009.50	188.25	191.10	142.7	132.7	58.9	Bedrock (Limestone)	05/29/2014
PZ-4S	Downgradient	524190.10	2308006.31	188.42	191.20	163.8	153.8	37.8	Overburden (Sand/Clay)	05/29/2014
PZ-6S	Downgradient	522254.00	2307207.50	186.52	189.47	148.9	138.9	51.2	Overburden (Clay)	06/13/2014
PZ-7S	Downgradient	521422.22	2306004.05	170.10	173.10	146.5	136.5	37.0	Overburden (Clay)	06/03/2014
PZ-8D	Downgradient	521442.10	2305207.90	167.24	170.35	100.6	90.6	80.1	Bedrock (Limestone)	06/05/2014
PZ-8S	Downgradient	521438.02	2305218.75	167.67	170.78	142.9	132.9	38.1	Overburden (Sand)	06/05/2014
PZ-9D	Downgradient	521770.90	2305127.50	163.18	166.16	126.6	116.6	50.0	Bedrock (Limestone)	06/04/2014
PZ-9S	Downgradient	521761.71	2305126.98	163.06	166.02	145.5	135.5	31.0	Overburden (Sand)/Bedrock (Limestone)	06/05/2014
PZ-10S	Downgradient	522465.80	2305401.60	172.64	175.63	137.0	127.0	49.0	Bedrock (Limestone)	06/03/2014
PZ-12S	Downgradient	523794.90	2305676.80	170.93	173.92	133.3	123.3	51.0	Bedrock (Limestone)	06/04/2014
PZ-13S	Downgradient	524467.60	2305807.80	170.23	173.22	132.6	122.6	51.8	Overburden (Sandy Clay)	06/06/2014
PZ-20	Downgradient	524025.00	2306152.60	170.62	173.44	121.1	111.1	62.8	Bedrock (Limestone)	07/14/2016
PZ-21	Downgradient	524639.50	2306932.00	177.08	179.84	117.1	107.1	72.8	Bedrock (Limestone)	07/29/2016
PZ-22	Downgradient	524622.40	2307749.00	184.76	187.69	134.8	124.8	62.9	Bedrock (Limestone)	07/28/2016
PZ-24A	Downgradient	523151.80	2307445.90	192.25	194.97	142.3	132.3	62.7	Bedrock (Limestone)	03/06/2020
PZ-27	Downgradient	522440.40	2305235.10	161.88	164.58	123.6	113.6	51.0	Bedrock (Limestone)	10/04/2016
PZ-28	Downgradient	522953.90	2305347.30	163.49	165.96	126.5	116.5	49.5	Bedrock (Limestone)	10/13/2016
PZ-29	Downgradient	523857.80	2305593.00	170.42	173.18	123.9	113.9	59.3	Bedrock (Limestone)	10/04/2016

Notes:
(1) Coordinates are North American Datum of 1983 (NAD 83) (2011) Georgia State Plane, West Zone.
(2) NAVD88 indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
(3) Screen elevations calculated using depth below land surface and ground surface elevations from the 6/15/2020 and 12/10/2021 surveys.
(4) Wells and piezometers were re-surveyed by McKim & Creed, Inc. on 6/15/2020 and well PZ-57 was surveyed on 12/10/2021.

TABLE 2
GROUNDWATER SAMPLING EVENT SUMMARY
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

Well ID	Hydraulic Location	Well Designation	September 03 2025 - September 05 2025
			Assessment Event
Ash Pond A, 1 and 2			
PZ-1D	Upgradient	Detection	X
PZ-2D	Upgradient	Detection	X
PZ-7D	Downgradient	Detection	X
PZ-14	Downgradient	Detection	X
PZ-15	Downgradient	Detection	X
PZ-16	Downgradient	Detection	X
PZ-17	Downgradient	Detection	X
PZ-18	Downgradient	Detection	X
PZ-19	Downgradient	Detection	X
PZ-23A	Downgradient	Detection	X
PZ-25	Downgradient	Detection	X
PZ-31	Upgradient	Detection	X
PZ-32	Upgradient	Detection	X
PZ-33	Downgradient	Detection	X
PZ-57	Downgradient	Detection	X

Notes:
X - indicates well sampled during event

TABLE 3
SUMMARY OF GROUNDWATER ELEVATIONS - SEPTEMBER 2025
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

			September 2, 2025	
Well ID	**Lithology Screened**	**Top of Casing Elevation (feet, NAVD88)[1]**	**Depth to Water (feet, below TOC)[2]**	**Groundwater Elevation (feet, NAVD88)[1]**
DETECTION MONITORING WELLS				
PZ-1D	Bedrock (Limestone)	196.44	52.93	143.51
PZ-2D	Bedrock (Limestone)	178.51	36.29	142.22
PZ-7D	Bedrock (Limestone)	173.08	34.23	138.85
PZ-14	Bedrock (Limestone)	183.46	44.07	139.39
PZ-15	Bedrock (Limestone)	170.37	32.32	138.05
PZ-16	Bedrock (Limestone)	173.92	34.62	139.30
PZ-17	Bedrock (Limestone)	172.91	33.65	139.26
PZ-18	Bedrock (Limestone)	170.11	30.88	139.23
PZ-19	Bedrock (Limestone)	172.05	32.43	139.62
PZ-23A	Bedrock (Limestone)	191.85	50.46	141.39
PZ-25	Bedrock (Limestone)	171.14	31.64	139.50
PZ-31	Bedrock (Limestone)	182.96	39.57	143.39
PZ-32	Bedrock (Limestone)	180.75	38.30	142.45
PZ-33	Bedrock (Limestone)	189.61	49.82	139.79
PZ-57	Bedrock (Limestone)	169.35	30.23	139.12
PIEZOMETERS				
MW-101	Overburden (Sand and Clay)	170.93	15.78	155.15
MW-102	Bedrock (Limestone)	170.93	31.40	139.53
MW-116	Bedrock (Limestone)	171.69	32.29	139.40
MW-120	Overburden (Clay)/Bedrock (Limestone)	193.79	Dry	Dry
PZ-1S	Overburden (Sandy Clay-Clay)	196.52	37.83	158.69
PZ-2S	Overburden (Sandy Clay)	178.61	36.34	142.27
PZ-3D	Bedrock (Limestone)	190.98	48.92	142.06
PZ-3S	Overburden (Sand-Clayey Sand)	191.12	44.59	146.53
PZ-4D	Bedrock (Limestone)	191.10	49.50	141.60
PZ-4S	Overburden (Clayey Sand-Sandy Clay)	191.20	23.42	167.78
PZ-6S	Overburden (Clay)	189.47	18.83	170.64
PZ-7S	Overburden (Clay)	173.10	34.12	138.98
PZ-8D	Bedrock (Limestone)	170.35	32.60	137.75
PZ-8S	Overburden (Sand)	170.78	27.63	143.15
PZ-9D	Bedrock (Limestone)	166.16	28.02	138.14
PZ-9S	Overburden (Sand)/Bedrock (Limestone)	166.02	27.58	138.44
PZ-10S	Bedrock (Limestone)	175.63	36.42	139.21
PZ-12S	Bedrock (Limestone)	173.92	35.27	138.65
PZ-13S	Overburden (Sandy Clay)	173.22	33.65	139.57
PZ-20	Bedrock (Limestone)	173.44	34.14	139.30
PZ-21	Bedrock (Limestone)	179.84	39.66	140.18
PZ-22	Bedrock (Limestone)	187.69	46.38	141.31
PZ-24A	Bedrock (Limestone)	194.97	54.59	140.38
PZ-27	Bedrock (Limestone)	164.58	25.91	138.67
PZ-28	Bedrock (Limestone)	165.96	26.79	139.17
PZ-29	Bedrock (Limestone)	173.18	34.71	138.47

Notes:
(1) NAVD88 indicates feet in elevation referenced to the North American Vertical Datum 1988.
Elevations are from June 15, 2020 re-survey of the monitoring wells and piezometers and well PZ-57 survey on December 10, 2021 by McKim & Creed, Inc.
(2) TOC - Top of Casing
(3) Groundwater elevations for 2025 are calculated using TOC elevations from the June 15, 2020 re-survey.
(4) Groundwater elevations of wells and piezometers screened in the bedrock were used to generate potentiometric contours on the potentiometric maps.
(5) Dry - no measurable groundwater in well casing

TABLE 4
GROUNDWATER FLOW VELOCITY CALCULATIONS - SEPTEMBER 2025
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1, and 2
Dougherty and Mitchell Counties, Georgia

Gauging Event	Lithology Screened	Well Pairs	Groundwater Elevations in Well Pairs (feet, NAVD88)		Change in Elevation (Δ h) (feet)	Distance Between Well 1 and Well 2 (Δ l) (feet)	Hydraulic Gradient (i=Δ h / Δ l) (feet/feet)	Estimated Hydraulic Conductivity (K) for Uppermost Aquifer (feet/day) [1]	Estimated Effective Porosity [2] (n_e)	Calculated Groundwater Flow Velocity (V) [4] (feet/day)	Calculated Groundwater Flow Velocity (V) [4] (feet/year)
September 2025	Bedrock (Limestone)	PZ-1D to PZ-20	143.51	139.30	4.21	2637	0.0016	3.04	0.2	0.02	9
September 2025	Bedrock (Limestone)	PZ-25 to PZ-29	139.50	138.47	1.03	868	0.0012	3.04	0.2	0.02	7
September 2025	Bedrock (Limestone)	PZ-23A to PZ-18	141.39	139.23	2.16	1743	0.0012	3.04	0.2	0.02	7
September 2025	Bedrock (Limestone)	PZ-33 to PZ-7D	139.79	138.85	0.94	1469	0.0006	3.04	0.2	0.01	4

Notes:
(1) In-situ hydraulic conductivity (slug) tests in the bedrock at the Site ranged from 1.08 to 5.81 feet/day with an average of 3.04 feet/day.
(2) Effective porosity of 20% was selected for Ocala Limestone from Hydrology and Model Evaluation of the Principal Artesian Aquifer, Dougherty Plain, Southwest Georgia: Georgia Geologic Survey Bulletin 97 (Hayes, L.R., Maslia, M.L., Meeks, W.C., 1983)
(3) Δ h = Change in groundwater elevation; Δ l = Distance between wells in direction of flow path; i = Δ h / Δ l Hydraulic Gradient
(4) Groundwater flow velocity equation: $V = (K * i)/n_e$

TABLE 5
GROUNDWATER ANALYTICAL DATA SUMMARY - SEPTEMBER 2025
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

	Sample Location	PZ-1D	PZ-2D	PZ-7D	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18
	Sample Date	09/03/2025	09/03/2025	09/03/2025	09/05/2025	09/04/2025	09/03/2025	09/04/2025	09/04/2025
ANALYTE	UNITS								
APPENDIX III									
Boron	mg/L	0.0094 J	0.013 J	0.17	0.030 J	0.18	0.18	0.054	0.34
Calcium	mg/L	43.2	10.9	93.1	99.4	91.1	93.2	64.4	127
Chloride	mg/L	3.0	2.5	3.3	4.3	5.9	5.7	1.5	4.1
Fluoride	mg/L	< 0.050	0.070 J	< 0.050	0.053 J	< 0.050	< 0.050	< 0.050	< 0.050
pH, Field	SU	7.29	8.96	7.01	7.05	6.93	6.97	7.30	6.81
Sulfate	mg/L	2.3	3.2	34.4	16.7	76.2	34.9	19.2	89.6
TDS	mg/L	149	72.0	310	283	335	329	210	465
APPENDIX IV									
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.011	0.0023 J	0.0058	0.011	0.047	0.038	0.044	0.025
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	0.0019 J	0.0096	0.0024 J	0.0017 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Cobalt	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Lithium	mg/L	< 0.000600	0.00134 J	0.00195 J	0.000609 J	0.00150 J	0.000621 J	0.00106 J	0.00427
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Molybdenum	mg/L	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Combined Radium 226 + 228	pCi/L	0.286 U	0.751 U	0.567 U	0.146 U	1.01 U	0.434 U	0.308 U	0.299 U
Selenium	mg/L	< 0.0012	< 0.0012	0.0013 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Thallium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	0.00016 J	< 0.00015	0.00032 J	0.00017 J
Fluoride	mg/L	< 0.050	0.070 J	< 0.050	0.053 J	< 0.050	< 0.050	< 0.050	< 0.050

Notes:
1. mg/L - milligrams per liter
2. pCi/L - picocuries per liter
3. SU - Standard Units
4. TDS - Total Dissolved Solids
5. < indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
6. 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.
7. Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data are displayed with an accompanying U. The MDC varies depending upon the sample amount and elapsed time of the measurement.

TABLE 5
GROUNDWATER ANALYTICAL DATA SUMMARY - SEPTEMBER 2025
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

	Sample Location	PZ-19	PZ-23A	PZ-25	PZ-31	PZ-32	PZ-33	PZ-57
	Sample Date	09/03/2025	09/04/2025	09/04/2025	09/03/2025	09/03/2025	09/05/2025	09/05/2025
ANALYTE	UNITS							
APPENDIX III								
Boron	mg/L	0.35 J	0.17	0.17	0.0089 J	0.014 J	0.37	0.18
Calcium	mg/L	100	131	80.8	90.1	62.2	114	96.0
Chloride	mg/L	2.6	3.7	1.7	3.4	2.4	3.2	2.2
Fluoride	mg/L	0.058 J	< 0.050	0.098 J	< 0.050	< 0.050	0.077 J	0.073 J
pH, Field	SU	6.84	6.65	6.98	7.05	7.22	6.96	7.05
Sulfate	mg/L	58.5	53.6	31.1	0.80 J	1.8	32.5	55.6
TDS	mg/L	412	470	279	257	192	338	315
APPENDIX IV								
Antimony	mg/L	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050	< 0.00050
Arsenic	mg/L	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Barium	mg/L	0.039	0.050	0.11	0.0077	0.014	0.047	0.048
Beryllium	mg/L	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Cadmium	mg/L	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012	< 0.00012
Chromium	mg/L	0.0019 J	0.0021 J	< 0.0012	0.0015 J	< 0.0012	< 0.0012	0.0068
Cobalt	mg/L	< 0.0012	< 0.0012	0.0024 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Lead	mg/L	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025	< 0.00025
Lithium	mg/L	0.0114	0.00136 J	0.00737	0.000672 J	< 0.000600	< 0.000600	0.000780 J
Mercury	mg/L	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091	< 0.000091
Molybdenum	mg/L	0.0028 J	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025	< 0.0025
Combined Radium 226 + 228	pCi/L	0.793 U	0.882 U	0.743 U	0.481 U	0.0709 U	0.389 U	0.660 U
Selenium	mg/L	0.0051	0.0023 J	< 0.0012	< 0.0012	< 0.0012	< 0.0012	< 0.0012
Thallium	mg/L	0.00042 J	0.00017 J	0.00071	< 0.00015	< 0.00015	< 0.00015	< 0.00015
Fluoride	mg/L	0.058 J	< 0.050	0.098 J	< 0.050	< 0.050	0.077 J	0.073 J

Notes:
1. mg/L - milligrams per liter
2. pCi/L - picocuries per liter
3. SU - Standard Units
4. TDS - Total Dissolved Solids
5. < indicates the substance was not detected above the method detection limit (MDL). The value displayed is the MDL.
6. 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.
7. Radium data are a combination of radium isotopes 226 and 228. When results are reported below the MDC (Minimum Detectable Concentration), data are displayed with an accompanying U. The MDC varies depending upon the sample amount and elapsed time of the measurement.

TABLE 6
STATISTICAL METHOD SUMMARY
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

Statistical Methodology	Data Screening on Proposed Background	Evaluate outliers, trends, and seasonality when sufficient data are available.
	Statistical Limits	Interwell statistical limits will be applied on a parameter basis, depending on the appropriateness of the method as determined by the Analysis of Variance.
	Prediction Limits	Parametric when data follow a normal or transformed normal distribution and when less than 50% non-detects, utilizing Kaplan-Meier non-detect adjustment when applicable. Non-parametric when data sets contain greater than 50% non-detects or when data are not normally or transformed-normally distributed.
	Management of Non-Detects	When data contain less than 15% non-detects in background, simple substitution of one-half the reporting limit is utilized in the statistical analysis. The reporting limit utilized for non-detects is the practical quantitation limit (PQL) as reported by the laboratory. When data contain between 15-50% non-detects the Kaplan-Meier non-detect adjustment is applied to the background data. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
	Confidence Intervals	Used in Assessment and Corrective Action monitoring.
	No Statistical Testing	Statistical testing is not required for parameters containing 100% non-detects (US EPA Unified Guidance, 2009, Chapter 6).
	Verification Re-sample Plan	Optional 1-of-2 with minimum of 8 samples per well for interwell testing.
	Optional	▪ Initial statistical exceedance warrants optional independent re-sampling within 90 days. ▪ If re-sample passes, well/parameter is not a confirmed statistically significant increase (SSI). ▪ If re-sample exceeds, well/parameter has a confirmed SSI. ▪ If no re-sample is collected, the original result is deemed verified.

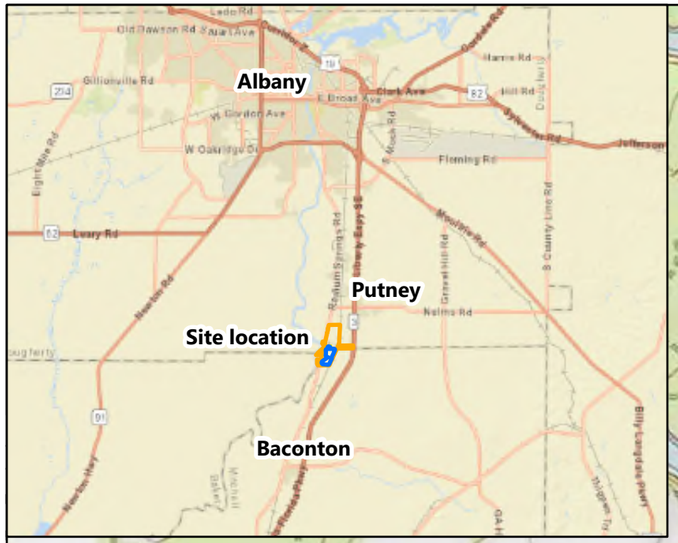
WSP

TABLE 7
SUMMARY OF BACKGROUND LEVELS AND GWPS
Georgia Power Company
Plant Mitchell - Ash Ponds A, 1 and 2
Mitchell and Dougherty Counties, Georgia

Analyte	mg/L	US EPA MCL	Federal CCR Rule 40 CFR § 257.95 (h) [1]	AP- A, 1 and 2 Background September 2025	AP- A, 1 and 2 GWPS [4] September 2025
Antimony	mg/L	0.006		0.0042	0.006
Arsenic	mg/L	0.01		0.0022	0.01
Barium	mg/L	2		0.04159	2
Beryllium	mg/L	0.004		0.0004	0.004
Cadmium	mg/L	0.005		0.0005	0.005
Chromium	mg/L	0.1		0.011	0.1
Cobalt [2]	mg/L		0.006	0.005	0.006
Combined Radium 226 + 228	pCi/L	5		1.528	5
Fluoride	mg/L	4		0.29	4
Lead [2] [3]	mg/L		0.015	0.001	0.015
Lithium [2]	mg/L		0.04	0.0025	0.04
Mercury	mg/L	0.002		0.0002	0.002
Molybdenum [2]	mg/L		0.1	0.01	0.1
Selenium	mg/L	0.05		0.005	0.05
Thallium	mg/L	0.002		0.0005	0.002

Notes:
mg/L - milligrams per liter
pCi/L - picoCuries per liter
CCR - coal combustion residuals
MCL - Maximum Contaminant Level
GWPS - Groundwater Protection Standard
US EPA - United States Environmental Protection Agency
Combined Radium data are a combination of radium isotopes 226 and 228.
(1) Federal CCR Rule 40 CFR § 257.95 (h) Amendment July 30, 2018 lists levels for cobalt, lead, lithium, and molybdenum.
(2) Constituent without an established MCL.
(3) The value listed is the established US EPA Action Level for lead in drinking water.
(4) Georgia EPD has incorporated the Federal CCR Rule for GWPS into the current
GA EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). As described in the updated Rules, the GWPS is:
(i) the MCL
(ii) 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)
(iii) the respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule specified GWPS

FIGURES



N

Blue Hole Spring

Goat Island

Gaging Station

Powerplant

River Bend

Roadside Park

STAGECOACH ROAD

Dry Creek

BLUE SPRINGS

DOUGHERTY CO

BAKER CO

MITCHELL CO

Mt Calvary Ch

Legend

- Ponds 1 and 2
- Approximate Property Boundary
- Pond A

0 1,500 3,000 Feet

Service Layer Credits: World Street Map: Esri, HERE, Garmin, NGA, USGS, NPS
USA_Topo_Maps: Copyright:© 2013 National Geographic Society, i-cubed

Georgia Power Company - Plant Mitchell
Ash Ponds A, 1 and 2 -
Mitchell and Dougherty Counties, Georgia

2025 Semi-Annual Groundwater Monitoring and Corrective Action Report

Site Location Map

Prepared By-Date: JRM - 12/10/2025	
Checked By-Date: JMQ - 12/10/2025	
Project Number: 6122160170	

Figure: 1

N

PZ-31
PZ-1D
PZ-32
PZ-2D
ASH POND A
PZ-25
PZ-23A
ASH POND 1
PZ-19
PZ-18
PZ-57
PZ-17
PZ-33
PZ-16
ASH POND 2
PZ-15
PZ-7D
PZ-14

Legend

- Detection Monitoring Well in CCR Monitoring Network
- Approximate CCR Permit Boundary
- Approximate Property Boundary
- Approximate Ash Pond Boundary

Service Layer Credits: World Imagery: Source: Esri, Vantor, Earthstar Geographics, and the GIS User Community

0 600 1,200 Feet

Georgia Power Company - Plant Mitchell
Ash Ponds A, 1 and 2 -
Mitchell and Dougherty Counties, Georgia

2025 Semi-Annual Groundwater Monitoring and Corrective Action Report

Monitoring Network Well Location Map

Prepared By-Date: JRM - 12/10/2025	
Checked By-Date: RNQ - 12/10/2025	
Project Number: 6122160170	

wsp

Figure: 2

Notes:
1. Piezometers (PZ-2S and PZ-6S) screened in the Overburden were not used to generate potentiometric contours.

2. September 2025 groundwater elevations calculated using top of well casing elevations from the June 2020 re-surveying.

N

PZ-31
143.39

PZ-1D
143.51

PZ-2D
142.22

PZ-32
142.45

PZ-2S
142.27

PZ-3D
142.06

ASH
POND A

PZ-21
140.18

PZ-22
141.31

MW-102
139.53

PZ-25
139.50

PZ-4D
141.60

PZ-20
139.30

PZ-29
138.47

MW-116
139.40

PZ-12S
138.65

ASH
POND 1

PZ-19
139.62

PZ-23A
141.39

PZ-18
139.23

PZ-24A
140.38

PZ-28
139.17

PZ-57
139.12

PZ-17
139.26

PZ-27
138.67

PZ-10S
139.21

ASH
POND 2

PZ-6S
170.64

PZ-33
139.79

PZ-16
139.30

PZ-9D
138.14

PZ-15
138.05

PZ-8D
137.75

PZ-7D
138.85

PZ-14
139.39

143 142 141 140 139 138

Legend

- Piezometer Screened in the Overburden
- Detection Monitoring Well in the CCR Monitoring Network
- Groundwater Elevation Well (Piezometer) Screened in Bedrock
- Approximate Property Boundary
- Approximate CCR Permit Boundary
- Approximate Ash Pond A Location
- Potentiometric Surface Contour (ft NAVD88)
- Interpreted_Groundwater_Flow_Direction

143.51 Groundwater Elevation (ft NAVD88)

0 600 1,200 Feet

Service Layer Credits: World Imagery: Vantor

Georgia Power Company - Plant Mitchell
Ash Ponds A, 1 and 2 -
Mitchell and Dougherty Counties, Georgia

2025 Semi-Annual Groundwater Monitoring and Corrective Action Report

Potentiometric Surface Map
Upper Bedrock - September 2, 2025

Prepared By-Date: SLH - 2/9/2026	wsp	Figure: 3
Checked By-Date: RNQ - 2/9/2026		
Project Number: 6122160170		

APPENDIX A
WELL REPAIRS AND INSPECTIONS

APPENDIX A
WELL REPAIRS

MEMORANDUM

Date: December 12, 2025

To: Kristen Jurinko – Georgia Power

CC: Ben Hodges

From: WSP USA, Inc.

Subject: Plant Mitchell Ash Ponds A, 1, and 2 - Well Maintenance and Repair Documentation
Georgia Power Company

WSP USA, Inc. (WSP) has prepared this memorandum to provide documentation of groundwater monitoring well maintenance and/or repair performed at PLANT MITCHELL during the semi-annual reporting period. All repairs and maintenance were completed in accordance with the Georgia Environmental Protection Division (GAEPD) guidance on routine visual inspections of groundwater monitoring wells.

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Mitchell Ash Ponds A, 1, & 2		PZ-1D and PZ-1S	Weeds need cutting around well. Maintenance to be completed.
Mitchell Ash Ponds A, 1, & 2	9/3/2025	PZ-8D, PZ-19	Removed wasps from well casing
Mitchell Ash Ponds A, 1, & 2		PZ-8S and PZ-13S	Some erosion starting around well pad. Repair to be completed.
Mitchell Ash Ponds A, 1, & 2	9/3/2025	PZ-31	Removed ants mound around well pad

APPENDIX A

WELL INSPECTIONS SEPTEMBER 2025

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

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**
MW-101	Yes	Yes	Yes	Yes
MW-102	Yes	Yes	Yes	Yes
MW-116	Yes	Yes	Yes	Yes
MW-120	Yes	Yes	No	Yes
PZ-1D	Yes	Yes	No	Yes
PZ-1S	Yes	Yes	No	Yes
PZ-2D	Yes	Yes	No	Yes
PZ-2S	Yes	Yes	No	Yes
PZ-3D	Yes	Yes	No	Yes
PZ-3S	Yes	Yes	No	Yes
PZ-4D	Yes	Yes	Yes	Yes
PZ-4S	Yes	Yes	Yes	Yes
PZ-6S	Yes	Yes	Yes	Yes
PZ-7D	Yes	Yes	No	Yes
PZ-7S	Yes	Yes	No	Yes
PZ-8D	Yes	Yes	No	Yes
PZ-8S	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

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**
PZ-9D	Yes	Yes	No	Yes
PZ-9S	Yes	Yes	No	Yes
PZ-12S	Yes	Yes	No	Yes
PZ-13S	Yes	Yes	No	Yes
PZ-14	Yes	Yes	No	Yes
PZ-15	Yes	Yes	No	Yes
PZ-16	Yes	Yes	No	Yes
PZ-17	Yes	Yes	No	Yes
PZ-18	Yes	Yes	No	Yes
PZ-19	Yes	Yes	No	Yes
PZ-20	Yes	Yes	No	Yes
PZ-21	Yes	Yes	No	Yes
PZ-22	Yes	Yes	Yes	Yes
PZ-23A	Yes	Yes	No	Yes
PZ-24A	Yes	Yes	No	Yes
PZ-25	Yes	Yes	Yes	Yes
PZ-27	Yes	Yes	No	Yes
PZ-28	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

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**
PZ-29	Yes	Yes	No	Yes
PZ-31	Yes	Yes	No	Yes
PZ-32	Yes	Yes	No	Yes
PZ-33	Yes	Yes	No	Yes
PZ-57	Yes	Yes	No	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	**No**	**Functioning weep hole**	**Annular space clear of debris and water, or filled with pea gravel/sand**	**Locked and is the lock in good condition**
MW-101	Yes	Yes	Yes	Yes	Yes
MW-102	Yes	Yes	Yes	Yes	Yes
MW-116	Yes	Yes	Yes	Yes	Yes
MW-120	Yes	Yes	Yes	Yes	Yes
PZ-1D	Yes	Yes	Yes	Yes	Yes
PZ-1S	Yes	Yes	Yes	Yes	Yes
PZ-2D	Yes	Yes	Yes	Yes	Yes
PZ-2S	Yes	Yes	Yes	Yes	Yes
PZ-3D	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes
PZ-4D	Yes	Yes	Yes	Yes	Yes
PZ-4S	Yes	Yes	Yes	Yes	Yes
PZ-6S	Yes	Yes	Yes	Yes	Yes
PZ-7D	Yes	Yes	Yes	Yes	Yes
PZ-7S	Yes	Yes	Yes	Yes	Yes
PZ-8D	Yes	Yes	Yes	Yes	Yes
PZ-8S	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	**No**	**Functioning weep hole**	**Annular space clear of debris and water, or filled with pea gravel/sand**	**Locked and is the lock in good condition**
PZ-9D	Yes	Yes	Yes	Yes	Yes
PZ-9S	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	Yes	Yes	Yes
PZ-14	Yes	Yes	Yes	Yes	Yes
PZ-15	Yes	Yes	Yes	Yes	Yes
PZ-16	Yes	Yes	Yes	Yes	Yes
PZ-17	Yes	Yes	Yes	Yes	Yes
PZ-18	Yes	Yes	Yes	Yes	Yes
PZ-19	Yes	Yes	Yes	Yes	Yes
PZ-20	Yes	Yes	Yes	Yes	Yes
PZ-21	Yes	Yes	Yes	Yes	Yes
PZ-22	Yes	Yes	Yes	Yes	Yes
PZ-23A	Yes	Yes	Yes	Yes	Yes
PZ-24A	Yes	Yes	Yes	Yes	Yes
PZ-25	Yes	Yes	Yes	Yes	Yes
PZ-27	Yes	Yes	Yes	Yes	Yes
PZ-28	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

Well ID:	Protective Casing				
	Free from apparent damage and able to be secured	**No**	**Functioning weep hole**	**Annular space clear of debris and water, or filled with pea gravel/sand**	**Locked and is the lock in good condition**
PZ-29	Yes	Yes	Yes	No	Yes
PZ-31	Yes	Yes	Yes	Yes	Yes
PZ-32	Yes	Yes	Yes	Yes	Yes
PZ-33	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

	Surface Pad			Internal Casing		
Well ID:	Good condition (No	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
MW-101	Yes	Yes	Yes	Yes	Yes	Yes
MW-102	Yes	Yes	Yes	Yes	Yes	Yes
MW-116	Yes	Yes	Yes	Yes	Yes	Yes
MW-120	Yes	Yes	Yes	Yes	Yes	Yes
PZ-1D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-1S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-2S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-3S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-4D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-4S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-6S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-7D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-7S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-8D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-8S	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

	Surface Pad			Internal Casing		
Well ID:	Good condition (No	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
PZ-9D	Yes	Yes	Yes	Yes	Yes	Yes
PZ-9S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-12S	Yes	Yes	Yes	Yes	Yes	Yes
PZ-13S	Yes	Yes	No	Yes	Yes	Yes
PZ-14	Yes	Yes	Yes	Yes	Yes	Yes
PZ-15	Yes	Yes	Yes	Yes	Yes	Yes
PZ-16	Yes	Yes	Yes	Yes	Yes	Yes
PZ-17	Yes	Yes	Yes	Yes	Yes	Yes
PZ-18	Yes	Yes	Yes	Yes	Yes	Yes
PZ-19	Yes	Yes	Yes	Yes	Yes	Yes
PZ-20	Yes	Yes	Yes	Yes	Yes	Yes
PZ-21	Yes	Yes	Yes	Yes	Yes	Yes
PZ-22	Yes	Yes	Yes	Yes	Yes	Yes
PZ-23A	Yes	Yes	Yes	Yes	Yes	Yes
PZ-24A	Yes	Yes	Yes	Yes	Yes	Yes
PZ-25	Yes	Yes	Yes	Yes	Yes	Yes
PZ-27	Yes	Yes	Yes	Yes	Yes	Yes
PZ-28	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

	Surface Pad			Internal Casing		
Well ID:	**Good condition (No**	**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**
PZ-29	Yes	Yes	Yes	Yes	Yes	Yes
PZ-31	Yes	Yes	Yes	Yes	Yes	Yes
PZ-32	Yes	Yes	Yes	Yes	Yes	Yes
PZ-33	Yes	Yes	Yes	Yes	Yes	Yes
PZ-57	Yes	Yes	Yes	Yes	Yes	Yes

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

Well ID:	Corrective actions as needed, by date:	
MW-101		permit piezometer
MW-102		permit piezometer
MW-116		permit piezometer
MW-120	well is dry	permit piezometer
PZ-1D	weeds need cutting around well	permit monitoring well
PZ-1S	weeds need cutting around well	permit piezometer
PZ-2D		permit monitoring well
PZ-2S		permit piezometer
PZ-3D		permit piezometer
PZ-3S		permit piezometer
PZ-4D		permit piezometer
PZ-4S		permit piezometer
PZ-6S		permit piezometer
PZ-7D		permit monitoring well
PZ-7S		permit piezometer
PZ-8D	Wasps	permit piezometer
PZ-8S	some erosion at pad	permit piezometer

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)

Date: 9/2/2025

Field Conditions: Clear and Sunny

Well ID:	Corrective actions as needed, by date:
PZ-9D	permit piezometer
PZ-9S	permit piezometer
PZ-12S	permit piezometer
PZ-13S	Some erosion starting around front of well pad from nearby construction permit piezometer
PZ-14	permit monitoring well
PZ-15	permit monitoring well
PZ-16	permit monitoring well
PZ-17	permit monitoring well
PZ-18	permit monitoring well
PZ-19	wasp nest in well cover permit monitoring well
PZ-20	permit piezometer
PZ-21	permit piezometer
PZ-22	permit piezometer
PZ-23A	permit monitoring well
PZ-24A	permit piezometer
PZ-25	permit monitoring well
PZ-27	permit piezometer
PZ-28	permit piezometer

Well Inspection

Site Name: Plant Mitchell AP-A, 1 and 2
Permit Number: 047-024D(CCR)___

Date: 9/2/2025

Field Conditions: Clear and Sunny

Well ID:	Corrective actions as needed, by date:
PZ-29	permit piezometer
PZ-31	ant mound around well pad permit monitoring well
PZ-32	permit monitoring well
PZ-33	permit monitoring well
PZ-57	permit monitoring well

APPENDIX B

LABORATORY ANALYTICAL AND FIELD SAMPLING REPORTS SEPTEMBER 2025

APPENDIX B

LABORATORY ANALYTICAL SEPTEMBER 2025

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

September 30, 2025

Joju Abraham
Southern Company
241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

RE: Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory between September 05, 2025 and September 06, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace National - Mt. Juliet
- Pace Analytical Services - Asheville
- Pace Analytical Services - West Columbia

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

Sincerely,

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

Enclosures

cc: Laura Midkiff, Southern Company
Rhonda Quinn, WSP
Greg Wrenn, WSP

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

CERTIFICATIONS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Pace Analytical Services National

12065 Lebanon Road, Mt. Juliet, TN 37122
Alabama Certification #: 40660
Alaska Certification 17-026
Arizona Certification #: AZ0612
Arkansas Certification #: 88-0469
California Certification #: 2932
Canada Certification #: 1461.01
Colorado Certification #: TN00003
Connecticut Certification #: PH-0197
DOD Certification: #1461.01
EPA# TN00003
Florida Certification #: E87487
Georgia DW Certification #: 923
Georgia Certification: NELAP
Idaho Certification #: TN00003
Illinois Certification #: 200008
Indiana Certification #: C-TN-01
Iowa Certification #: 364
Kansas Certification #: E-10277
Kentucky UST Certification #: 16
Kentucky Certification #: 90010
Louisiana Certification #: AI30792
Louisiana DW Certification #: LA180010
Maine Certification #: TN0002
Maryland Certification #: 324
Massachusetts Certification #: M-TN003
Michigan Certification #: 9958
Minnesota Certification #: 047-999-395
Mississippi Certification #: TN00003
Missouri Certification #: 340
Montana Certification #: CERT0086
Nebraska Certification #: NE-OS-15-05
Nevada Certification #: TN-03-2002-34
New Hampshire Certification #: 2975
New Jersey Certification #: TN002
New Mexico DW Certification
New York Certification #: 11742
North Carolina Aquatic Toxicity Certification #: 41
North Carolina Drinking Water Certification #: 21704
North Carolina Environmental Certificate #: 375
North Dakota Certification #: R-140
Ohio VAP Certification #: CL0069
Oklahoma Certification #: 9915
Oregon Certification #: TN200002
Pennsylvania Certification #: 68-02979
Rhode Island Certification #: LAO00356
South Carolina Certification #: 84004
South Dakota Certification
Tennessee DW/Chem/Micro Certification #: 2006
Texas Certification #: T 104704245-17-14
Texas Mold Certification #: LAB0152
USDA Soil Permit #: P330-15-00234
Utah Certification #: TN00003
Virginia Certification #: VT2006
Vermont Dept. of Health: ID# VT-2006
Virginia Certification #: 460132
Washington Certification #: C847
West Virginia Certification #: 233
Wisconsin Certification #: 998093910
Wyoming UST Certification #: via A2LA 2926.01
A2LA-ISO 17025 Certification #: 1461.01
A2LA-ISO 17025 Certification #: 1461.02
AIHA-LAP/LLC EMLAP Certification #:100789

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804
Florida/NELAP Certification #: E87648
North Carolina Drinking Water Certification #: 37712
North Carolina Wastewater Certification #: 40
South Carolina Laboratory ID: 99030
South Carolina Certification #: 99030001
Virginia/VELAP Certification #: 460222

Pace Analytical Services West Columbia

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

REPORT OF LABORATORY ANALYSIS

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

SAMPLE SUMMARY

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92816838001	**MIT-PZ-2D**	Water	09/03/25 12:09	09/05/25 10:55
92816838002	**MIT-PZ-32**	Water	09/03/25 14:07	09/05/25 10:55
92816838003	**MIT-PZ-19**	Water	09/03/25 16:01	09/05/25 10:55
92816838004	**MIT-PZ-18**	Water	09/04/25 11:55	09/05/25 10:55
92816838005	**MIT-PZ-17**	Water	09/04/25 14:30	09/05/25 10:55
92816838006	**MIT-APA12-FB-01**	Water	09/03/25 09:10	09/05/25 10:55
92816838007	**MIT-APA12-EB-01**	Water	09/03/25 09:30	09/05/25 10:55
92816838008	**MIT-APA12-FB-02**	Water	09/04/25 09:15	09/05/25 10:55
92816838009	**MIT-PZ-1D**	Water	09/03/25 10:15	09/05/25 10:55
92816838010	**MIT-PZ-31**	Water	09/03/25 12:05	09/05/25 10:55
92816838011	**MIT-PZ-16**	Water	09/03/25 14:30	09/05/25 10:55
92816838012	**MIT-PZ-7D**	Water	09/03/25 16:15	09/05/25 10:55
92816838013	**MIT-PZ-25**	Water	09/04/25 10:47	09/05/25 10:55
92816838014	**MIT-PZ-23A**	Water	09/04/25 12:41	09/05/25 10:55
92816838015	**MIT-PZ-15**	Water	09/04/25 14:23	09/05/25 10:55
92816838016	**MIT-APA12-FD-01**	Water	09/04/25 00:00	09/05/25 10:55
92816838017	**MIT-PZ-14**	Water	09/05/25 10:30	09/06/25 10:15
92816838018	**MIT-PZ-33**	Water	09/05/25 12:30	09/06/25 10:15
92816838019	**MIT-APA12-FD-02**	Water	09/05/25 00:00	09/06/25 10:15
92816838020	**MIT-APA12-EB-02**	Water	09/05/25 09:00	09/06/25 10:15
92816838021	**MIT-PZ-57**	Water	09/05/25 11:13	09/06/25 10:15

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92816838001	**MIT-PZ-2D**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	CBP	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838002	**MIT-PZ-32**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	CBP	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838003	**MIT-PZ-19**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	CBP	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838004	**MIT-PZ-18**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838005	**MIT-PZ-17**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838006	**MIT-APA12-FB-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838007	**MIT-APA12-EB-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838008	**MIT-APA12-FB-02**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838009	**MIT-PZ-1D**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838010	**MIT-PZ-31**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838011	**MIT-PZ-16**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838012	**MIT-PZ-7D**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CMW1	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838013	**MIT-PZ-25**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838014	**MIT-PZ-23A**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838015	**MIT-PZ-15**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 7470A	KAJ1	1	PASI-WC
92816838016	**MIT-APA12-FD-01**	EPA 6020B	LD	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	JCM	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838017	**MIT-PZ-14**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838018	**MIT-PZ-33**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838019	**MIT-APA12-FD-02**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838020	**MIT-APA12-EB-02**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC
92816838021	**MIT-PZ-57**	EPA 6020B	TMT	1	PAN
		SM 2540C-2020	CDM	1	PASI-A
		EPA 300.0 Rev 2.1 1993	CDC	3	PASI-A
		EPA 6020B	BW, CBP	13	PASI-WC
		EPA 7470A	KAJ1	1	PASI-WC

PAN = Pace National - Mt. Juliet
PASI-A = Pace Analytical Services - Asheville
PASI-WC = Pace Analytical Services - West Columbia

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

SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816838001	**MIT-PZ-2D**					
EPA 6020B	Lithium	0.00134J	mg/L	0.00200	09/21/25 18:20	J
SM 2540C-2020	Total Dissolved Solids	72.0	mg/L	25.0	09/10/25 19:41	
EPA 300.0 Rev 2.1 1993	Chloride	2.5	mg/L	1.0	09/06/25 22:58	
EPA 300.0 Rev 2.1 1993	Fluoride	0.070J	mg/L	0.10	09/06/25 22:58	
EPA 300.0 Rev 2.1 1993	Sulfate	3.2	mg/L	1.0	09/06/25 22:58	
EPA 6020B	Barium	0.0023J	mg/L	0.0050	09/25/25 19:56	
EPA 6020B	Boron	0.013J	mg/L	0.040	09/25/25 19:56	
EPA 6020B	Calcium	10.9	mg/L	0.40	09/25/25 19:56	
EPA 6020B	Chromium	0.0096	mg/L	0.0050	09/25/25 19:56	
92816838002	**MIT-PZ-32**					
SM 2540C-2020	Total Dissolved Solids	192	mg/L	25.0	09/10/25 19:41	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	09/06/25 23:13	
EPA 300.0 Rev 2.1 1993	Sulfate	1.8	mg/L	1.0	09/06/25 23:13	
EPA 6020B	Barium	0.014	mg/L	0.0050	09/25/25 20:05	
EPA 6020B	Boron	0.014J	mg/L	0.040	09/25/25 20:05	
EPA 6020B	Calcium	62.2	mg/L	4.0	09/26/25 13:21	
92816838003	**MIT-PZ-19**					
EPA 6020B	Lithium	0.0114	mg/L	0.00200	09/21/25 18:26	
SM 2540C-2020	Total Dissolved Solids	412	mg/L	25.0	09/10/25 19:41	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	09/06/25 23:56	
EPA 300.0 Rev 2.1 1993	Fluoride	0.058J	mg/L	0.10	09/06/25 23:56	
EPA 300.0 Rev 2.1 1993	Sulfate	58.5	mg/L	1.0	09/06/25 23:56	
EPA 6020B	Barium	0.039	mg/L	0.0050	09/25/25 20:13	
EPA 6020B	Boron	0.35J	mg/L	0.40	09/26/25 13:30	
EPA 6020B	Calcium	100	mg/L	4.0	09/26/25 13:30	
EPA 6020B	Chromium	0.0019J	mg/L	0.0050	09/25/25 20:13	
EPA 6020B	Molybdenum	0.0028J	mg/L	0.010	09/25/25 20:13	
EPA 6020B	Selenium	0.0051	mg/L	0.0050	09/25/25 20:13	
EPA 6020B	Thallium	0.00042J	mg/L	0.00050	09/25/25 20:13	
92816838004	**MIT-PZ-18**					
EPA 6020B	Lithium	0.00427	mg/L	0.00200	09/21/25 18:30	
SM 2540C-2020	Total Dissolved Solids	465	mg/L	25.0	09/11/25 16:28	
EPA 300.0 Rev 2.1 1993	Chloride	4.1	mg/L	1.0	09/07/25 00:10	
EPA 300.0 Rev 2.1 1993	Sulfate	89.6	mg/L	1.0	09/07/25 00:10	
EPA 6020B	Barium	0.025	mg/L	0.0050	09/20/25 11:50	
EPA 6020B	Boron	0.34	mg/L	0.080	09/23/25 15:00	
EPA 6020B	Calcium	127	mg/L	3.2	09/23/25 11:55	M1
EPA 6020B	Thallium	0.00017J	mg/L	0.00050	09/20/25 11:50	CU
92816838005	**MIT-PZ-17**					
EPA 6020B	Lithium	0.00106J	mg/L	0.00200	09/21/25 18:41	J
SM 2540C-2020	Total Dissolved Solids	210	mg/L	25.0	09/11/25 16:28	
EPA 300.0 Rev 2.1 1993	Chloride	1.5	mg/L	1.0	09/07/25 00:25	
EPA 300.0 Rev 2.1 1993	Sulfate	19.2	mg/L	1.0	09/07/25 00:25	
EPA 6020B	Barium	0.044	mg/L	0.0050	09/20/25 12:26	
EPA 6020B	Boron	0.054	mg/L	0.040	09/20/25 12:26	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816838005	**MIT-PZ-17**					
EPA 6020B	Calcium	64.4	mg/L	4.0	09/23/25 16:25	
EPA 6020B	Thallium	0.00032J	mg/L	0.00050	09/20/25 12:26	CU
92816838009	**MIT-PZ-1D**					
SM 2540C-2020	Total Dissolved Solids	149	mg/L	25.0	09/10/25 19:41	
EPA 300.0 Rev 2.1 1993	Chloride	3.0	mg/L	1.0	09/07/25 00:39	
EPA 300.0 Rev 2.1 1993	Sulfate	2.3	mg/L	1.0	09/07/25 00:39	
EPA 6020B	Barium	0.011	mg/L	0.0050	09/20/25 12:54	
EPA 6020B	Boron	0.0094J	mg/L	0.040	09/20/25 12:54	
EPA 6020B	Calcium	43.2	mg/L	2.0	09/23/25 17:16	
EPA 6020B	Chromium	0.0019J	mg/L	0.0050	09/20/25 12:54	
92816838010	**MIT-PZ-31**					
EPA 6020B	Lithium	0.000672J	mg/L	0.00200	09/21/25 18:58	J
SM 2540C-2020	Total Dissolved Solids	257	mg/L	25.0	09/10/25 19:42	
EPA 300.0 Rev 2.1 1993	Chloride	3.4	mg/L	1.0	09/07/25 00:54	
EPA 300.0 Rev 2.1 1993	Sulfate	0.80J	mg/L	1.0	09/07/25 00:54	
EPA 6020B	Barium	0.0077	mg/L	0.0050	09/20/25 13:16	
EPA 6020B	Boron	0.0089J	mg/L	0.040	09/20/25 13:16	
EPA 6020B	Calcium	90.1	mg/L	4.0	09/23/25 17:24	
EPA 6020B	Chromium	0.0015J	mg/L	0.0050	09/20/25 13:16	
92816838011	**MIT-PZ-16**					
EPA 6020B	Lithium	0.000621J	mg/L	0.00200	09/21/25 19:01	J
SM 2540C-2020	Total Dissolved Solids	329	mg/L	25.0	09/10/25 19:42	
EPA 300.0 Rev 2.1 1993	Chloride	5.7	mg/L	1.0	09/07/25 01:08	
EPA 300.0 Rev 2.1 1993	Sulfate	34.9	mg/L	1.0	09/07/25 01:08	
EPA 6020B	Barium	0.038	mg/L	0.0050	09/20/25 13:23	
EPA 6020B	Boron	0.18	mg/L	0.040	09/20/25 13:23	
EPA 6020B	Calcium	93.2	mg/L	4.0	09/23/25 17:33	
92816838012	**MIT-PZ-7D**					
EPA 6020B	Lithium	0.00195J	mg/L	0.00200	09/21/25 19:04	J
SM 2540C-2020	Total Dissolved Solids	310	mg/L	25.0	09/10/25 19:42	
EPA 300.0 Rev 2.1 1993	Chloride	3.3	mg/L	1.0	09/07/25 01:22	
EPA 300.0 Rev 2.1 1993	Sulfate	34.4	mg/L	1.0	09/07/25 01:22	
EPA 6020B	Barium	0.0058	mg/L	0.0050	09/20/25 13:30	
EPA 6020B	Boron	0.17	mg/L	0.040	09/20/25 13:30	
EPA 6020B	Calcium	93.1	mg/L	4.0	09/23/25 17:41	
EPA 6020B	Chromium	0.0024J	mg/L	0.0050	09/20/25 13:30	
EPA 6020B	Selenium	0.0013J	mg/L	0.0050	09/20/25 13:30	
92816838013	**MIT-PZ-25**					
EPA 6020B	Lithium	0.00737	mg/L	0.00200	09/21/25 19:07	
SM 2540C-2020	Total Dissolved Solids	279	mg/L	25.0	09/11/25 16:30	
EPA 300.0 Rev 2.1 1993	Chloride	1.7	mg/L	1.0	09/07/25 01:37	
EPA 300.0 Rev 2.1 1993	Fluoride	0.098J	mg/L	0.10	09/07/25 01:37	
EPA 300.0 Rev 2.1 1993	Sulfate	31.1	mg/L	1.0	09/07/25 01:37	
EPA 6020B	Barium	0.11	mg/L	0.0050	09/20/25 13:38	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816838013	**MIT-PZ-25**					
EPA 6020B	Boron	0.17	mg/L	0.040	09/20/25 13:38	
EPA 6020B	Calcium	80.8	mg/L	4.0	09/23/25 16:16	
EPA 6020B	Cobalt	0.0024J	mg/L	0.0050	09/20/25 13:38	
EPA 6020B	Thallium	0.00071	mg/L	0.00050	09/23/25 14:01	
92816838014	**MIT-PZ-23A**					
EPA 6020B	Lithium	0.00136J	mg/L	0.00200	09/21/25 19:28	J
SM 2540C-2020	Total Dissolved Solids	470	mg/L	25.0	09/11/25 16:30	
EPA 300.0 Rev 2.1 1993	Chloride	3.7	mg/L	1.0	09/07/25 01:51	
EPA 300.0 Rev 2.1 1993	Sulfate	53.6	mg/L	1.0	09/07/25 01:51	
EPA 6020B	Barium	0.050	mg/L	0.0050	09/20/25 13:45	
EPA 6020B	Boron	0.17	mg/L	0.040	09/20/25 13:45	
EPA 6020B	Calcium	131	mg/L	4.0	09/23/25 17:49	
EPA 6020B	Chromium	0.0021J	mg/L	0.0050	09/20/25 13:45	
EPA 6020B	Selenium	0.0023J	mg/L	0.0050	09/20/25 13:45	
EPA 6020B	Thallium	0.00017J	mg/L	0.00050	09/20/25 13:45	CU
92816838015	**MIT-PZ-15**					
EPA 6020B	Lithium	0.00150J	mg/L	0.00200	09/21/25 19:31	J
SM 2540C-2020	Total Dissolved Solids	335	mg/L	25.0	09/11/25 16:30	
EPA 300.0 Rev 2.1 1993	Chloride	5.9	mg/L	1.0	09/07/25 02:05	
EPA 300.0 Rev 2.1 1993	Sulfate	76.2	mg/L	1.0	09/07/25 02:05	
EPA 6020B	Barium	0.047	mg/L	0.0050	09/20/25 13:52	
EPA 6020B	Boron	0.18	mg/L	0.040	09/20/25 13:52	
EPA 6020B	Calcium	91.1	mg/L	4.0	09/23/25 16:00	
EPA 6020B	Thallium	0.00016J	mg/L	0.00050	09/20/25 13:52	CU
92816838016	**MIT-APA12-FD-01**					
EPA 6020B	Lithium	0.00140J	mg/L	0.00200	09/21/25 19:35	J
SM 2540C-2020	Total Dissolved Solids	333	mg/L	25.0	09/11/25 16:30	
EPA 300.0 Rev 2.1 1993	Chloride	5.9	mg/L	1.0	09/07/25 02:49	
EPA 300.0 Rev 2.1 1993	Sulfate	76.2	mg/L	1.0	09/07/25 02:49	M1
EPA 6020B	Barium	0.046	mg/L	0.0050	09/20/25 13:59	
EPA 6020B	Boron	0.18	mg/L	0.040	09/20/25 13:59	
EPA 6020B	Calcium	90.7	mg/L	4.0	09/23/25 16:08	
EPA 6020B	Thallium	0.00017J	mg/L	0.00050	09/20/25 13:59	CU
92816838017	**MIT-PZ-14**					
EPA 6020B	Lithium	0.000609J	mg/L	0.00200	09/24/25 15:38	J
SM 2540C-2020	Total Dissolved Solids	283	mg/L	25.0	09/12/25 14:55	
EPA 300.0 Rev 2.1 1993	Chloride	4.3	mg/L	1.0	09/09/25 00:37	
EPA 300.0 Rev 2.1 1993	Fluoride	0.053J	mg/L	0.10	09/09/25 00:37	
EPA 300.0 Rev 2.1 1993	Sulfate	16.7	mg/L	1.0	09/09/25 00:37	
EPA 6020B	Barium	0.011	mg/L	0.0050	09/18/25 23:47	
EPA 6020B	Boron	0.030J	mg/L	0.040	09/18/25 23:47	
EPA 6020B	Calcium	99.4	mg/L	2.0	09/19/25 16:03	
EPA 6020B	Chromium	0.0017J	mg/L	0.0050	09/18/25 23:47	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816838018	**MIT-PZ-33**					
SM 2540C-2020	Total Dissolved Solids	338	mg/L	25.0	09/12/25 14:55	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	09/09/25 01:22	
EPA 300.0 Rev 2.1 1993	Fluoride	0.077J	mg/L	0.10	09/09/25 01:22	
EPA 300.0 Rev 2.1 1993	Sulfate	32.5	mg/L	1.0	09/09/25 01:22	
EPA 6020B	Barium	0.047	mg/L	0.0050	09/18/25 23:55	
EPA 6020B	Boron	0.37	mg/L	0.20	09/19/25 16:10	
EPA 6020B	Calcium	114	mg/L	2.0	09/19/25 16:10	
92816838019	**MIT-APA12-FD-02**					
SM 2540C-2020	Total Dissolved Solids	326	mg/L	25.0	09/12/25 14:55	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	09/09/25 01:37	
EPA 300.0 Rev 2.1 1993	Fluoride	0.075J	mg/L	0.10	09/09/25 01:37	
EPA 300.0 Rev 2.1 1993	Sulfate	32.5	mg/L	1.0	09/09/25 01:37	
EPA 6020B	Barium	0.047	mg/L	0.0050	09/19/25 00:04	
EPA 6020B	Boron	0.37	mg/L	0.20	09/19/25 16:17	
EPA 6020B	Calcium	114	mg/L	2.0	09/19/25 16:17	
92816838020	**MIT-APA12-EB-02**					
EPA 6020B	Beryllium	0.00037J	mg/L	0.00040	09/19/25 00:12	
92816838021	**MIT-PZ-57**					
EPA 6020B	Lithium	0.000780J	mg/L	0.00200	09/24/25 15:48	J
SM 2540C-2020	Total Dissolved Solids	315	mg/L	25.0	09/12/25 15:56	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	09/09/25 01:51	
EPA 300.0 Rev 2.1 1993	Fluoride	0.073J	mg/L	0.10	09/09/25 01:51	
EPA 300.0 Rev 2.1 1993	Sulfate	55.6	mg/L	1.0	09/09/25 01:51	
EPA 6020B	Barium	0.048	mg/L	0.0050	09/19/25 00:21	
EPA 6020B	Boron	0.18	mg/L	0.040	09/19/25 00:21	
EPA 6020B	Calcium	96.0	mg/L	2.0	09/19/25 16:25	
EPA 6020B	Chromium	0.0068	mg/L	0.0050	09/19/25 00:21	

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-2D **Lab ID: 92816838001** Collected: 09/03/25 12:09 Received: 09/05/25 10:55 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	**0.00134J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 18:20	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**72.0**	mg/L	25.0	25.0	1		09/10/25 19:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.5**	mg/L	1.0	0.60	1		09/06/25 22:58	16887-00-6	
Fluoride	**0.070J**	mg/L	0.10	0.050	1		09/06/25 22:58	16984-48-8	
Sulfate	**3.2**	mg/L	1.0	0.50	1		09/06/25 22:58	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/22/25 11:59	09/25/25 19:56	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/22/25 11:59	09/25/25 19:56	7440-38-2	
Barium	**0.0023J**	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 19:56	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/22/25 11:59	09/25/25 19:56	7440-41-7	
Boron	**0.013J**	mg/L	0.040	0.0062	1	09/22/25 11:59	09/25/25 19:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/22/25 11:59	09/25/25 19:56	7440-43-9	
Calcium	**10.9**	mg/L	0.40	0.10	1	09/22/25 11:59	09/25/25 19:56	7440-70-2	
Chromium	**0.0096**	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 19:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 19:56	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/22/25 11:59	09/25/25 19:56	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/22/25 11:59	09/25/25 19:56	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 19:56	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/22/25 11:59	09/25/25 19:56	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	09/23/25 19:47	09/23/25 22:34	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-32 **Lab ID: 92816838002** Collected: 09/03/25 14:07 Received: 09/05/25 10:55 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	09/10/25 11:13	09/21/25 18:23	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**192**	mg/L	25.0	25.0	1		09/10/25 19:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.4**	mg/L	1.0	0.60	1		09/06/25 23:13	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/06/25 23:13	16984-48-8	
Sulfate	**1.8**	mg/L	1.0	0.50	1		09/06/25 23:13	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/22/25 11:59	09/25/25 20:05	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/22/25 11:59	09/25/25 20:05	7440-38-2	
Barium	**0.014**	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:05	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/22/25 11:59	09/25/25 20:05	7440-41-7	
Boron	**0.014J**	mg/L	0.040	0.0062	1	09/22/25 11:59	09/25/25 20:05	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/22/25 11:59	09/25/25 20:05	7440-43-9	
Calcium	**62.2**	mg/L	4.0	1.0	10	09/22/25 11:59	09/26/25 13:21	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:05	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:05	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/22/25 11:59	09/25/25 20:05	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/22/25 11:59	09/25/25 20:05	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:05	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/22/25 11:59	09/25/25 20:05	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	09/23/25 19:47	09/23/25 22:37	7439-97-6	

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-19 **Lab ID: 92816838003** Collected: 09/03/25 16:01 Received: 09/05/25 10:55 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	**0.0114**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 18:26	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**412**	mg/L	25.0	25.0	1		09/10/25 19:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.6**	mg/L	1.0	0.60	1		09/06/25 23:56	16887-00-6	
Fluoride	**0.058J**	mg/L	0.10	0.050	1		09/06/25 23:56	16984-48-8	
Sulfate	**58.5**	mg/L	1.0	0.50	1		09/06/25 23:56	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	0.00050	1	09/22/25 11:59	09/25/25 20:13	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/22/25 11:59	09/25/25 20:13	7440-38-2	
Barium	**0.039**	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:13	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/22/25 11:59	09/25/25 20:13	7440-41-7	
Boron	**0.35J**	mg/L	0.40	0.062	10	09/22/25 11:59	09/26/25 13:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/22/25 11:59	09/25/25 20:13	7440-43-9	
Calcium	**100**	mg/L	4.0	1.0	10	09/22/25 11:59	09/26/25 13:30	7440-70-2	
Chromium	**0.0019J**	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:13	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:13	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/22/25 11:59	09/25/25 20:13	7439-92-1	
Molybdenum	**0.0028J**	mg/L	0.010	0.0025	1	09/22/25 11:59	09/25/25 20:13	7439-98-7	
Selenium	**0.0051**	mg/L	0.0050	0.0012	1	09/22/25 11:59	09/25/25 20:13	7782-49-2	
Thallium	**0.00042J**	mg/L	0.00050	0.00015	1	09/22/25 11:59	09/25/25 20:13	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	09/23/25 19:47	09/23/25 22:39	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-18 **Lab ID: 92816838004** Collected: 09/04/25 11:55 Received: 09/05/25 10:55 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	**0.00427**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 18:30	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**465**	mg/L	25.0	25.0	1		09/11/25 16:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.1**	mg/L	1.0	0.60	1		09/07/25 00:10	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 00:10	16984-48-8	
Sulfate	**89.6**	mg/L	1.0	0.50	1		09/07/25 00:10	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 09:28	09/20/25 11:50	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 11:50	7440-38-2	
Barium	**0.025**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 11:50	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 11:50	7440-41-7	
Boron	**0.34**	mg/L	0.080	0.012	2	09/09/25 09:28	09/23/25 15:00	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 11:50	7440-43-9	
Calcium	**127**	mg/L	3.2	0.80	8	09/09/25 09:28	09/23/25 11:55	7440-70-2	M1
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 11:50	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 11:50	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 11:50	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 11:50	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 11:50	7782-49-2	
Thallium	**0.00017J**	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 11:50	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 03:50	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-17 **Lab ID: 92816838005** Collected: 09/04/25 14:30 Received: 09/05/25 10:55 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	**0.00106J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 18:41	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**210**	mg/L	25.0	25.0	1		09/11/25 16:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.5**	mg/L	1.0	0.60	1		09/07/25 00:25	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 00:25	16984-48-8	
Sulfate	**19.2**	mg/L	1.0	0.50	1		09/07/25 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	0.00050	1	09/09/25 09:28	09/20/25 12:26	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 12:26	7440-38-2	
Barium	**0.044**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:26	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 12:26	7440-41-7	
Boron	**0.054**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 12:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 12:26	7440-43-9	
Calcium	**64.4**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 16:25	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:26	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 12:26	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 12:26	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:26	7782-49-2	
Thallium	**0.00032J**	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 12:26	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:03	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-APA12-FB-01 **Lab ID: 92816838006** Collected: 09/03/25 09:10 Received: 09/05/25 10:55 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	09/10/25 11:13	09/21/25 18:44	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		09/10/25 19:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/06/25 12:54	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/06/25 12:54	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/06/25 12:54	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 09:28	09/20/25 12:33	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 12:33	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:33	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 12:33	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 12:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 12:33	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	09/09/25 09:28	09/23/25 16:33	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:33	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:33	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 12:33	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 12:33	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:33	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 12:33	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:05	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-APA12-EB-01 **Lab ID: 92816838007** Collected: 09/03/25 09:30 Received: 09/05/25 10:55 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	09/10/25 11:13	09/21/25 18:48	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		09/10/25 19:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/06/25 13:09	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/06/25 13:09	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/06/25 13:09	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 09:28	09/20/25 12:40	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 12:40	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:40	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 12:40	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 12:40	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 12:40	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	09/09/25 09:28	09/23/25 16:42	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:40	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:40	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 12:40	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 12:40	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:40	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 12:40	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:08	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-APA12-FB-02 **Lab ID: 92816838008** Collected: 09/04/25 09:15 Received: 09/05/25 10:55 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	09/10/25 11:13	09/21/25 18:51	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		09/11/25 16:28		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/06/25 13:23	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/06/25 13:23	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/06/25 13:23	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	0.00050	1	09/09/25 09:28	09/20/25 12:47	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 12:47	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:47	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 12:47	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 12:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 12:47	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	09/09/25 09:28	09/23/25 16:50	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:47	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:47	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 12:47	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 12:47	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:47	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 12:47	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:10	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-1D **Lab ID: 92816838009** Collected: 09/03/25 10:15 Received: 09/05/25 10:55 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	09/10/25 11:13	09/21/25 18:54	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**149**	mg/L	25.0	25.0	1		09/10/25 19:41		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.0**	mg/L	1.0	0.60	1		09/07/25 00:39	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 00:39	16984-48-8	
Sulfate	**2.3**	mg/L	1.0	0.50	1		09/07/25 00:39	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	0.00050	1	09/09/25 09:28	09/20/25 12:54	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 12:54	7440-38-2	
Barium	**0.011**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:54	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 12:54	7440-41-7	
Boron	**0.0094J**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 12:54	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 12:54	7440-43-9	
Calcium	**43.2**	mg/L	2.0	0.50	5	09/09/25 09:28	09/23/25 17:16	7440-70-2	
Chromium	**0.0019J**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:54	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:54	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 12:54	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 12:54	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 12:54	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 12:54	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:13	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-31 **Lab ID: 92816838010** Collected: 09/03/25 12:05 Received: 09/05/25 10:55 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	**0.000672J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 18:58	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**257**	mg/L	25.0	25.0	1		09/10/25 19:42		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.4**	mg/L	1.0	0.60	1		09/07/25 00:54	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 00:54	16984-48-8	
Sulfate	**0.80J**	mg/L	1.0	0.50	1		09/07/25 00:54	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 09:28	09/20/25 13:16	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 13:16	7440-38-2	
Barium	**0.0077**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:16	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 13:16	7440-41-7	
Boron	**0.0089J**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 13:16	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 13:16	7440-43-9	
Calcium	**90.1**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 17:24	7440-70-2	
Chromium	**0.0015J**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:16	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:16	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 13:16	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 13:16	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:16	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 13:16	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:15	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-16 **Lab ID: 92816838011** Collected: 09/03/25 14:30 Received: 09/05/25 10:55 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	**0.000621J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 19:01	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**329**	mg/L	25.0	25.0	1		09/10/25 19:42		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.7**	mg/L	1.0	0.60	1		09/07/25 01:08	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 01:08	16984-48-8	
Sulfate	**34.9**	mg/L	1.0	0.50	1		09/07/25 01:08	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 09:28	09/20/25 13:23	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 13:23	7440-38-2	
Barium	**0.038**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:23	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 13:23	7440-41-7	
Boron	**0.18**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 13:23	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 13:23	7440-43-9	
Calcium	**93.2**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 17:33	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:23	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:23	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 13:23	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 13:23	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:23	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 13:23	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:18	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-7D **Lab ID: 92816838012** Collected: 09/03/25 16:15 Received: 09/05/25 10:55 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	**0.00195J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 19:04	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**310**	mg/L	25.0	25.0	1		09/10/25 19:42		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.3**	mg/L	1.0	0.60	1		09/07/25 01:22	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 01:22	16984-48-8	
Sulfate	**34.4**	mg/L	1.0	0.50	1		09/07/25 01:22	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	0.00050	1	09/09/25 09:28	09/20/25 13:30	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 13:30	7440-38-2	
Barium	**0.0058**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:30	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 13:30	7440-41-7	
Boron	**0.17**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 13:30	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 13:30	7440-43-9	
Calcium	**93.1**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 17:41	7440-70-2	
Chromium	**0.0024J**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:30	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:30	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 13:30	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 13:30	7439-98-7	
Selenium	**0.0013J**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:30	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 13:30	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:21	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-25 **Lab ID: 92816838013** Collected: 09/04/25 10:47 Received: 09/05/25 10:55 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	**0.00737**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 19:07	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**279**	mg/L	25.0	25.0	1		09/11/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**1.7**	mg/L	1.0	0.60	1		09/07/25 01:37	16887-00-6	
Fluoride	**0.098J**	mg/L	0.10	0.050	1		09/07/25 01:37	16984-48-8	
Sulfate	**31.1**	mg/L	1.0	0.50	1		09/07/25 01:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 09:28	09/20/25 13:38	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 13:38	7440-38-2	
Barium	**0.11**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:38	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 13:38	7440-41-7	
Boron	**0.17**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 13:38	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 13:38	7440-43-9	
Calcium	**80.8**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 16:16	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:38	7440-47-3	
Cobalt	**0.0024J**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:38	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 13:38	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 13:38	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:38	7782-49-2	
Thallium	**0.00071**	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/23/25 14:01	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	09/09/25 19:39	09/10/25 04:23	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-23A **Lab ID: 92816838014** Collected: 09/04/25 12:41 Received: 09/05/25 10:55 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	**0.00136J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 19:28	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**470**	mg/L	25.0	25.0	1		09/11/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**3.7**	mg/L	1.0	0.60	1		09/07/25 01:51	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 01:51	16984-48-8	
Sulfate	**53.6**	mg/L	1.0	0.50	1		09/07/25 01:51	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	0.00050	1	09/09/25 09:28	09/20/25 13:45	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 13:45	7440-38-2	
Barium	**0.050**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:45	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 13:45	7440-41-7	
Boron	**0.17**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 13:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 13:45	7440-43-9	
Calcium	**131**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 17:49	7440-70-2	
Chromium	**0.0021J**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:45	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 13:45	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 13:45	7439-98-7	
Selenium	**0.0023J**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:45	7782-49-2	
Thallium	**0.00017J**	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 13:45	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:31	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-15 **Lab ID: 92816838015** Collected: 09/04/25 14:23 Received: 09/05/25 10:55 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	**0.00150J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 19:31	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**335**	mg/L	25.0	25.0	1		09/11/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.9**	mg/L	1.0	0.60	1		09/07/25 02:05	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 02:05	16984-48-8	
Sulfate	**76.2**	mg/L	1.0	0.50	1		09/07/25 02:05	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 09:28	09/20/25 13:52	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 13:52	7440-38-2	
Barium	**0.047**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:52	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 13:52	7440-41-7	
Boron	**0.18**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 13:52	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 13:52	7440-43-9	
Calcium	**91.1**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 16:00	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:52	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:52	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 13:52	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 13:52	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:52	7782-49-2	
Thallium	**0.00016J**	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 13:52	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:33	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-APA12-FD-01 **Lab ID: 92816838016** Collected: 09/04/25 00:00 Received: 09/05/25 10:55 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	**0.00140J**	mg/L	0.00200	0.000600	1	09/10/25 11:13	09/21/25 19:35	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**333**	mg/L	25.0	25.0	1		09/11/25 16:30		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**5.9**	mg/L	1.0	0.60	1		09/07/25 02:49	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/07/25 02:49	16984-48-8	
Sulfate	**76.2**	mg/L	1.0	0.50	1		09/07/25 02:49	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	0.00050	1	09/09/25 09:28	09/20/25 13:59	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 09:28	09/20/25 13:59	7440-38-2	
Barium	**0.046**	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:59	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 09:28	09/20/25 13:59	7440-41-7	
Boron	**0.18**	mg/L	0.040	0.0062	1	09/09/25 09:28	09/20/25 13:59	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 09:28	09/20/25 13:59	7440-43-9	
Calcium	**90.7**	mg/L	4.0	1.0	10	09/09/25 09:28	09/23/25 16:08	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:59	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:59	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 09:28	09/20/25 13:59	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 09:28	09/20/25 13:59	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 09:28	09/20/25 13:59	7782-49-2	
Thallium	**0.00017J**	mg/L	0.00050	0.00015	1	09/09/25 09:28	09/20/25 13:59	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 19:39	09/10/25 04:36	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-14 **Lab ID: 92816838017** Collected: 09/05/25 10:30 Received: 09/06/25 10:15 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	**0.000609J**	mg/L	0.00200	0.000600	1	09/10/25 11:12	09/24/25 15:38	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**283**	mg/L	25.0	25.0	1		09/12/25 14:55		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**4.3**	mg/L	1.0	0.60	1		09/09/25 00:37	16887-00-6	
Fluoride	**0.053J**	mg/L	0.10	0.050	1		09/09/25 00:37	16984-48-8	
Sulfate	**16.7**	mg/L	1.0	0.50	1		09/09/25 00:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 18:42	09/18/25 23:47	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 18:42	09/18/25 23:47	7440-38-2	
Barium	**0.011**	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:47	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 18:42	09/18/25 23:47	7440-41-7	
Boron	**0.030J**	mg/L	0.040	0.0062	1	09/09/25 18:42	09/18/25 23:47	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 18:42	09/18/25 23:47	7440-43-9	
Calcium	**99.4**	mg/L	2.0	0.50	5	09/09/25 18:42	09/19/25 16:03	7440-70-2	
Chromium	**0.0017J**	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:47	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:47	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 18:42	09/18/25 23:47	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 18:42	09/18/25 23:47	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:47	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 18:42	09/18/25 23:47	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 22:15	09/10/25 17:02	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-33 **Lab ID: 92816838018** Collected: 09/05/25 12:30 Received: 09/06/25 10:15 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	09/10/25 11:12	09/24/25 15:41	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**338**	mg/L	25.0	25.0	1		09/12/25 14:55		
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		09/09/25 01:22	16887-00-6	
Fluoride	**0.077J**	mg/L	0.10	0.050	1		09/09/25 01:22	16984-48-8	
Sulfate	**32.5**	mg/L	1.0	0.50	1		09/09/25 01:22	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	0.00050	1	09/09/25 18:42	09/18/25 23:55	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 18:42	09/18/25 23:55	7440-38-2	
Barium	**0.047**	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:55	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 18:42	09/18/25 23:55	7440-41-7	
Boron	**0.37**	mg/L	0.20	0.031	5	09/09/25 18:42	09/19/25 16:10	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 18:42	09/18/25 23:55	7440-43-9	
Calcium	**114**	mg/L	2.0	0.50	5	09/09/25 18:42	09/19/25 16:10	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:55	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:55	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 18:42	09/18/25 23:55	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 18:42	09/18/25 23:55	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/18/25 23:55	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 18:42	09/18/25 23:55	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 22:15	09/10/25 17:05	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-APA12-FD-02 **Lab ID: 92816838019** Collected: 09/05/25 00:00 Received: 09/06/25 10:15 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	09/10/25 11:12	09/24/25 15:45	7439-93-2	
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**326**	mg/L	25.0	25.0	1		09/12/25 14:55		
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		09/09/25 01:37	16887-00-6	
Fluoride	**0.075J**	mg/L	0.10	0.050	1		09/09/25 01:37	16984-48-8	
Sulfate	**32.5**	mg/L	1.0	0.50	1		09/09/25 01:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 18:42	09/19/25 00:04	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 18:42	09/19/25 00:04	7440-38-2	
Barium	**0.047**	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:04	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 18:42	09/19/25 00:04	7440-41-7	
Boron	**0.37**	mg/L	0.20	0.031	5	09/09/25 18:42	09/19/25 16:17	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 18:42	09/19/25 00:04	7440-43-9	
Calcium	**114**	mg/L	2.0	0.50	5	09/09/25 18:42	09/19/25 16:17	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:04	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:04	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 18:42	09/19/25 00:04	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 18:42	09/19/25 00:04	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:04	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 18:42	09/19/25 00:04	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 22:15	09/10/25 17:07	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-APA12-EB-02 **Lab ID: 92816838020** Collected: 09/05/25 09:00 Received: 09/06/25 10:15 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	09/10/25 11:12	09/24/25 15:25	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		09/12/25 15:55		
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		09/08/25 22:37	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		09/08/25 22:37	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		09/08/25 22:37	14808-79-8	
WC 6020B MET ICPMS	Analytical Method: EPA 6020B Preparation Method: EPA 3005A Pace Analytical Services - West Columbia								
Antimony	ND	mg/L	0.0020	0.00050	1	09/09/25 18:42	09/19/25 00:12	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 18:42	09/19/25 00:12	7440-38-2	
Barium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:12	7440-39-3	
Beryllium	**0.00037J**	mg/L	0.00040	0.00015	1	09/09/25 18:42	09/19/25 00:12	7440-41-7	
Boron	ND	mg/L	0.040	0.0062	1	09/09/25 18:42	09/19/25 00:12	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 18:42	09/19/25 00:12	7440-43-9	
Calcium	ND	mg/L	0.40	0.10	1	09/09/25 18:42	09/19/25 00:12	7440-70-2	
Chromium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:12	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:12	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 18:42	09/19/25 00:12	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 18:42	09/19/25 00:12	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:12	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 18:42	09/19/25 00:12	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 22:15	09/10/25 17:15	7439-97-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Sample: MIT-PZ-57 **Lab ID: 92816838021** Collected: 09/05/25 11:13 Received: 09/06/25 10:15 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	**0.000780J**	mg/L	0.00200	0.000600	1	09/10/25 11:12	09/24/25 15:48	7439-93-2	J
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2020 Pace Analytical Services - Asheville								
Total Dissolved Solids	**315**	mg/L	25.0	25.0	1		09/12/25 15:56		
300.0 IC Anions 28 Days	Analytical Method: EPA 300.0 Rev 2.1 1993 Pace Analytical Services - Asheville								
Chloride	**2.2**	mg/L	1.0	0.60	1		09/09/25 01:51	16887-00-6	
Fluoride	**0.073J**	mg/L	0.10	0.050	1		09/09/25 01:51	16984-48-8	
Sulfate	**55.6**	mg/L	1.0	0.50	1		09/09/25 01:51	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	0.00050	1	09/09/25 18:42	09/19/25 00:21	7440-36-0	
Arsenic	ND	mg/L	0.0020	0.0012	1	09/09/25 18:42	09/19/25 00:21	7440-38-2	
Barium	**0.048**	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:21	7440-39-3	
Beryllium	ND	mg/L	0.00040	0.00015	1	09/09/25 18:42	09/19/25 00:21	7440-41-7	
Boron	**0.18**	mg/L	0.040	0.0062	1	09/09/25 18:42	09/19/25 00:21	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00012	1	09/09/25 18:42	09/19/25 00:21	7440-43-9	
Calcium	**96.0**	mg/L	2.0	0.50	5	09/09/25 18:42	09/19/25 16:25	7440-70-2	
Chromium	**0.0068**	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:21	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:21	7440-48-4	
Lead	ND	mg/L	0.0010	0.00025	1	09/09/25 18:42	09/19/25 00:21	7439-92-1	
Molybdenum	ND	mg/L	0.010	0.0025	1	09/09/25 18:42	09/19/25 00:21	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0012	1	09/09/25 18:42	09/19/25 00:21	7782-49-2	
Thallium	ND	mg/L	0.00050	0.00015	1	09/09/25 18:42	09/19/25 00:21	7440-28-0	CU
WCOL 7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A Pace Analytical Services - West Columbia								
Mercury	ND	mg/L	0.00020	0.000091	1	09/09/25 22:15	09/10/25 17:18	7439-97-6	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 2597629
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92816838001, 92816838002, 92816838003, 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

METHOD BLANK: R4276486-1 Matrix: Water
Associated Lab Samples: 92816838001, 92816838002, 92816838003, 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	09/21/25 18:00	

LABORATORY CONTROL SAMPLE: R4276486-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0478	95.6	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4276486-4 R4276486-5

Parameter	Units	L1895765-01 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	0.155	0.0500	0.0500	0.191	0.188	71.1	66.8	75.0-125	1.13	20	ML

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 2597639
QC Batch Method: 3015
Analysis Method: EPA 6020B
Analysis Description: Metals (ICPMS) 6020B
Laboratory: Pace National - Mt. Juliet
Associated Lab Samples: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

METHOD BLANK: R4277935-1 Matrix: Water
Associated Lab Samples: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Lithium	mg/L	ND	0.00200	0.000600	09/24/25 15:18	

LABORATORY CONTROL SAMPLE: R4277935-2

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lithium	mg/L	0.0500	0.0496	99.2	80.0-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: R4277935-4 R4277935-5

Parameter	Units	92816838020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lithium	mg/L	ND	0.0500	0.0500	0.0498	0.0492	99.7	98.4	75.0-125	1.32	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 959186
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: 92816838001, 92816838002, 92816838003, 92816838006, 92816838007, 92816838009, 92816838010, 92816838011, 92816838012

METHOD BLANK: 4929093 Matrix: Water
Associated Lab Samples: 92816838001, 92816838002, 92816838003, 92816838006, 92816838007, 92816838009, 92816838010, 92816838011, 92816838012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	09/10/25 19:41	

LABORATORY CONTROL SAMPLE: 4929094

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

SAMPLE DUPLICATE: 4929095

Parameter	Units	92816756010 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	810	816	1	25	

SAMPLE DUPLICATE: 4929096

Parameter	Units	92816838003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	412	408	1	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 959482 | Analysis Method: SM 2540C-2020
QC Batch Method: SM 2540C-2020 | Analysis Description: 2540C Total Dissolved Solids
Laboratory: Pace Analytical Services - Asheville
Associated Lab Samples: 92816838004, 92816838005, 92816838008, 92816838013, 92816838014, 92816838015, 92816838016

METHOD BLANK: 4930875 Matrix: Water
Associated Lab Samples: 92816838004, 92816838005, 92816838008, 92816838013, 92816838014, 92816838015, 92816838016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	09/11/25 16:27	

LABORATORY CONTROL SAMPLE: 4930876

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Total Dissolved Solids	mg/L	250	254	102	90-110	

SAMPLE DUPLICATE: 4930877

Parameter	Units	92816758001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	645	600	7	25	

SAMPLE DUPLICATE: 4930878

Parameter	Units	92816838014 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	470	475	1	25	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(704)875-9092

QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 959768
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: 92816838017, 92816838018, 92816838019

METHOD BLANK: 4932560 Matrix: Water
Associated Lab Samples: 92816838017, 92816838018, 92816838019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	09/12/25 14:48	

LABORATORY CONTROL SAMPLE: 4932561

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

SAMPLE DUPLICATE: 4932563

Parameter	Units	92816909003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	50.0	50.0	0	25	

SAMPLE DUPLICATE: 4933622

Parameter	Units	92816790001 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	2230	2350	5	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 959769
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: 92816838020, 92816838021

METHOD BLANK: 4932564 Matrix: Water
Associated Lab Samples: 92816838020, 92816838021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Total Dissolved Solids	mg/L	ND	25.0	25.0	09/12/25 15:55	

LABORATORY CONTROL SAMPLE: 4932565

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

SAMPLE DUPLICATE: 4932566

Parameter	Units	92816838020 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	ND	ND		25	

SAMPLE DUPLICATE: 4932567

Parameter	Units	92817147003 Result	Dup Result	RPD	Max RPD	Qualifiers
Total Dissolved Solids	mg/L	120	122	2	25	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 958636
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: 92816838001, 92816838002, 92816838003, 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

METHOD BLANK: 4926518 Matrix: Water
Associated Lab Samples: 92816838001, 92816838002, 92816838003, 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/06/25 21:03	
Fluoride	mg/L	ND	0.10	0.050	09/06/25 21:03	
Sulfate	mg/L	ND	1.0	0.50	09/06/25 21:03	

LABORATORY CONTROL SAMPLE: 4926519

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	49.2	98	90-110	
Fluoride	mg/L	2.5	2.5	101	90-110	
Sulfate	mg/L	50	48.2	96	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4926520 4926521

Parameter	Units	92816909004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	3.9	50	50	53.2	53.0	99	98	90-110	0	10	
Fluoride	mg/L	0.057J	2.5	2.5	2.4	2.4	95	95	90-110	0	10	
Sulfate	mg/L	1.2	50	50	49.4	49.2	96	96	90-110	0	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4926522 4926523

Parameter	Units	92816838016 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	5.9	50	50	55.6	55.4	99	99	90-110	0	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.4	96	96	90-110	0	10	
Sulfate	mg/L	76.2	50	50	111	111	70	70	90-110	0	10	M1

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 958895
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: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

METHOD BLANK: 4927572 Matrix: Water
Associated Lab Samples: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/08/25 21:26	
Fluoride	mg/L	ND	0.10	0.050	09/08/25 21:26	
Sulfate	mg/L	ND	1.0	0.50	09/08/25 21:26	

LABORATORY CONTROL SAMPLE: 4927573

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chloride	mg/L	50	50.0	100	90-110	
Fluoride	mg/L	2.5	2.6	103	90-110	
Sulfate	mg/L	50	49.4	99	90-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4927574 4927575

Parameter	Units	92816838017 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	4.3	50	50	52.8	55.9	97	103	90-110	6	10	
Fluoride	mg/L	0.053J	2.5	2.5	2.3	2.5	92	98	90-110	7	10	
Sulfate	mg/L	16.7	50	50	64.5	67.5	95	101	90-110	5	10	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4927576 4927577

Parameter	Units	92816985001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chloride	mg/L	2.6	50	50	52.2	52.7	99	100	90-110	1	10	
Fluoride	mg/L	0.10	2.5	2.5	2.5	2.5	94	96	90-110	1	10	
Sulfate	mg/L	23.1	50	50	72.0	72.6	98	99	90-110	1	10	

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REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 958791
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

METHOD BLANK: 4926990 Matrix: Water
Associated Lab Samples: 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00050	09/20/25 11:21	
Arsenic	mg/L	ND	0.0020	0.0012	09/20/25 11:21	
Barium	mg/L	ND	0.0050	0.0012	09/20/25 11:21	
Beryllium	mg/L	ND	0.00040	0.00015	09/20/25 11:21	
Boron	mg/L	ND	0.040	0.0062	09/20/25 11:21	
Cadmium	mg/L	ND	0.00050	0.00012	09/20/25 11:21	
Calcium	mg/L	ND	0.40	0.10	09/23/25 11:38	
Chromium	mg/L	ND	0.0050	0.0012	09/20/25 11:21	
Cobalt	mg/L	ND	0.0050	0.0012	09/20/25 11:21	
Lead	mg/L	ND	0.0010	0.00025	09/20/25 11:21	
Molybdenum	mg/L	ND	0.010	0.0025	09/20/25 11:21	
Selenium	mg/L	ND	0.0050	0.0012	09/20/25 11:21	
Thallium	mg/L	ND	0.00050	0.00015	09/20/25 11:21	

LABORATORY CONTROL SAMPLE: 4926991

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.10	103	80-120	
Arsenic	mg/L	0.1	0.090	90	80-120	
Barium	mg/L	0.1	0.095	95	80-120	
Beryllium	mg/L	0.1	0.093	93	80-120	
Boron	mg/L	0.1	0.095	95	80-120	
Cadmium	mg/L	0.1	0.10	102	80-120	
Calcium	mg/L	1	0.90	90	80-120	
Chromium	mg/L	0.1	0.097	97	80-120	
Cobalt	mg/L	0.1	0.10	104	80-120	
Lead	mg/L	0.1	0.10	101	80-120	
Molybdenum	mg/L	0.1	0.096	96	80-120	
Selenium	mg/L	0.1	0.088	88	80-120	
Thallium	mg/L	0.1	0.099	99	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4926992 4926993

Parameter	Units	92816838004 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	103	102	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4926992 4926993

Parameter	Units	92816838004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Arsenic	mg/L	ND	0.1	0.1	0.094	0.092	94	92	75-125	2	20	
Barium	mg/L	0.025	0.1	0.1	0.12	0.12	96	95	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.096	96	96	75-125	0	20	
Boron	mg/L	0.34	0.1	0.1	0.44	0.45	102	111	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	0	20	
Calcium	mg/L	127	1	1	128	123	85	-402	75-125	4	20	M1
Chromium	mg/L	ND	0.1	0.1	0.095	0.094	94	93	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.097	0.096	97	95	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Molybdenum	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20	
Selenium	mg/L	ND	0.1	0.1	0.096	0.095	95	94	75-125	1	20	
Thallium	mg/L	0.00017J	0.1	0.1	0.10	0.10	102	103	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 959002
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

METHOD BLANK: 4927911 Matrix: Water
Associated Lab Samples: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00050	09/18/25 20:15	
Arsenic	mg/L	ND	0.0020	0.0012	09/18/25 20:15	
Barium	mg/L	ND	0.0050	0.0012	09/18/25 20:15	
Beryllium	mg/L	ND	0.00040	0.00015	09/18/25 20:15	
Boron	mg/L	ND	0.040	0.0062	09/18/25 20:15	
Cadmium	mg/L	ND	0.00050	0.00012	09/18/25 20:15	
Calcium	mg/L	ND	0.40	0.10	09/18/25 20:15	
Chromium	mg/L	ND	0.0050	0.0012	09/18/25 20:15	
Cobalt	mg/L	ND	0.0050	0.0012	09/18/25 20:15	
Lead	mg/L	ND	0.0010	0.00025	09/18/25 20:15	
Molybdenum	mg/L	ND	0.010	0.0025	09/18/25 20:15	
Selenium	mg/L	ND	0.0050	0.0012	09/18/25 20:15	
Thallium	mg/L	ND	0.00050	0.00015	09/18/25 20:15	

LABORATORY CONTROL SAMPLE: 4927912

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.094	94	80-120	
Arsenic	mg/L	0.1	0.095	95	80-120	
Barium	mg/L	0.1	0.098	98	80-120	
Beryllium	mg/L	0.1	0.095	95	80-120	
Boron	mg/L	0.1	0.096	96	80-120	
Cadmium	mg/L	0.1	0.099	99	80-120	
Calcium	mg/L	1	0.98	98	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.11	109	80-120	
Lead	mg/L	0.1	0.10	105	80-120	
Molybdenum	mg/L	0.1	0.098	98	80-120	
Selenium	mg/L	0.1	0.090	90	80-120	
Thallium	mg/L	0.1	0.11	107	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4927913 4927914

Parameter	Units	92816985027 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	0.092	0.092	91	92	75-125	0	20	
Arsenic	mg/L	ND	0.1	0.1	0.099	0.099	98	98	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4927913 4927914

Parameter	Units	92816985027 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	mg/L	0.095	0.1	0.1	0.19	0.19	97	96	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.098	0.098	98	98	75-125	0	20	
Boron	mg/L	0.016J	0.1	0.1	0.11	0.11	98	97	75-125	0	20	
Cadmium	mg/L	ND	0.1	0.1	0.091	0.092	91	92	75-125	1	20	
Calcium	mg/L	40.8	1	1	41.1	41.4	30	67	75-125	1	20	M1
Chromium	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.10	0.10	101	100	75-125	2	20	
Lead	mg/L	ND	0.1	0.1	0.10	0.10	100	101	75-125	0	20	
Molybdenum	mg/L	0.0053J	0.1	0.1	0.10	0.10	97	99	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.099	0.10	98	100	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.11	0.11	107	108	75-125	0	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 961635
QC Batch Method: EPA 3005A
Analysis Method: EPA 6020B
Analysis Description: WC 6020B MET
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92816838001, 92816838002, 92816838003

METHOD BLANK: 4942173 Matrix: Water
Associated Lab Samples: 92816838001, 92816838002, 92816838003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0020	0.00050	09/25/25 19:40	
Arsenic	mg/L	ND	0.0020	0.0012	09/25/25 19:40	
Barium	mg/L	ND	0.0050	0.0012	09/25/25 19:40	
Beryllium	mg/L	ND	0.00040	0.00015	09/25/25 19:40	
Boron	mg/L	ND	0.040	0.0062	09/25/25 19:40	
Cadmium	mg/L	ND	0.00050	0.00012	09/25/25 19:40	
Calcium	mg/L	ND	0.40	0.10	09/25/25 19:40	
Chromium	mg/L	ND	0.0050	0.0012	09/25/25 19:40	
Cobalt	mg/L	ND	0.0050	0.0012	09/25/25 19:40	
Lead	mg/L	ND	0.0010	0.00025	09/25/25 19:40	
Molybdenum	mg/L	ND	0.010	0.0025	09/25/25 19:40	
Selenium	mg/L	ND	0.0050	0.0012	09/25/25 19:40	
Thallium	mg/L	ND	0.00050	0.00015	09/25/25 19:40	

LABORATORY CONTROL SAMPLE: 4942174

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Antimony	mg/L	0.1	0.090	90	80-120	
Arsenic	mg/L	0.1	0.092	92	80-120	
Barium	mg/L	0.1	0.090	90	80-120	
Beryllium	mg/L	0.1	0.099	99	80-120	
Boron	mg/L	0.1	0.099	99	80-120	
Cadmium	mg/L	0.1	0.090	90	80-120	
Calcium	mg/L	1	0.82	82	80-120	
Chromium	mg/L	0.1	0.097	97	80-120	
Cobalt	mg/L	0.1	0.11	106	80-120	
Lead	mg/L	0.1	0.098	98	80-120	
Molybdenum	mg/L	0.1	0.097	97	80-120	
Selenium	mg/L	0.1	0.084	84	80-120	
Thallium	mg/L	0.1	0.097	97	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4942175 4942176

Parameter	Units	92819467004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.091	0.089	91	89	75-125	2	20	
Arsenic	mg/L	ND	0.1	0.1	0.094	0.093	94	93	75-125	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4942175 4942176

Parameter	Units	92819467004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	mg/L	71.2 ug/L	0.1	0.1	0.16	0.16	91	89	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.10	0.10	101	102	75-125	1	20	
Boron	mg/L	ND	0.1	0.1	0.11	0.11	100	100	75-125	0	20	
Cadmium	mg/L	ND	0.1	0.1	0.091	0.089	91	89	75-125	2	20	
Calcium	mg/L	27900 ug/L	1	1	28.4	28.0	51	8	75-125	2	20	M1
Chromium	mg/L	ND	0.1	0.1	0.091	0.091	91	91	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.097	0.095	97	95	75-125	2	20	
Molybdenum	mg/L	ND	0.1	0.1	0.096	0.096	95	95	75-125	0	20	
Selenium	mg/L	ND	0.1	0.1	0.094	0.093	94	93	75-125	1	20	
Thallium	mg/L	ND	0.1	0.1	0.097	0.094	97	94	75-125	4	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 958808 | Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A | Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

METHOD BLANK: 4927188 Matrix: Water
Associated Lab Samples: 92816838004, 92816838005, 92816838006, 92816838007, 92816838008, 92816838009, 92816838010, 92816838011, 92816838012, 92816838013, 92816838014, 92816838015, 92816838016

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	09/10/25 03:45	

LABORATORY CONTROL SAMPLE: 4927189

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0021	105	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4927190 4927191

Parameter	Units	92816838004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0021	0.0021	106	105	80-120	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 959015
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

METHOD BLANK: 4927961 Matrix: Water
Associated Lab Samples: 92816838017, 92816838018, 92816838019, 92816838020, 92816838021

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	09/10/25 16:57	

LABORATORY CONTROL SAMPLE: 4927962

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0022	112	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4927963 4927964

Parameter	Units	92816838021 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Mercury	mg/L	ND	0.002	0.002	0.0021	0.0020	103	101	80-120	1	20	

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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Huntersville, NC 28078
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QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

QC Batch: 961948
QC Batch Method: EPA 7470A
Analysis Method: EPA 7470A
Analysis Description: WCOL 7470 Mercury
Laboratory: Pace Analytical Services - West Columbia
Associated Lab Samples: 92816838001, 92816838002, 92816838003

METHOD BLANK: 4943450 Matrix: Water
Associated Lab Samples: 92816838001, 92816838002, 92816838003

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Mercury	mg/L	ND	0.00020	0.000091	09/23/25 22:24	

LABORATORY CONTROL SAMPLE: 4943451

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Mercury	mg/L	0.002	0.0020	98	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 4943452 4943453

Parameter	Units	92819467004 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	0.0020	93	101	80-120	9	20	

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REPORT OF LABORATORY ANALYSIS

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Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

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: 92816838

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

ANALYTE QUALIFIERS

CU	The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
J	Analyte detected below the reporting limit, therefore result is an estimate. This qualifier is also used for all TICs.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
ML	Matrix spike recovery and/or matrix spike duplicate recovery was below laboratory control limits. Result may be biased low.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92816838001	**MIT-PZ-2D**	3015	2597629	EPA 6020B	2597629
92816838002	**MIT-PZ-32**	3015	2597629	EPA 6020B	2597629
92816838003	**MIT-PZ-19**	3015	2597629	EPA 6020B	2597629
92816838004	**MIT-PZ-18**	3015	2597629	EPA 6020B	2597629
92816838005	**MIT-PZ-17**	3015	2597629	EPA 6020B	2597629
92816838006	**MIT-APA12-FB-01**	3015	2597629	EPA 6020B	2597629
92816838007	**MIT-APA12-EB-01**	3015	2597629	EPA 6020B	2597629
92816838008	**MIT-APA12-FB-02**	3015	2597629	EPA 6020B	2597629
92816838009	**MIT-PZ-1D**	3015	2597629	EPA 6020B	2597629
92816838010	**MIT-PZ-31**	3015	2597629	EPA 6020B	2597629
92816838011	**MIT-PZ-16**	3015	2597629	EPA 6020B	2597629
92816838012	**MIT-PZ-7D**	3015	2597629	EPA 6020B	2597629
92816838013	**MIT-PZ-25**	3015	2597629	EPA 6020B	2597629
92816838014	**MIT-PZ-23A**	3015	2597629	EPA 6020B	2597629
92816838015	**MIT-PZ-15**	3015	2597629	EPA 6020B	2597629
92816838016	**MIT-APA12-FD-01**	3015	2597629	EPA 6020B	2597629
92816838017	**MIT-PZ-14**	3015	2597639	EPA 6020B	2597639
92816838018	**MIT-PZ-33**	3015	2597639	EPA 6020B	2597639
92816838019	**MIT-APA12-FD-02**	3015	2597639	EPA 6020B	2597639
92816838020	**MIT-APA12-EB-02**	3015	2597639	EPA 6020B	2597639
92816838021	**MIT-PZ-57**	3015	2597639	EPA 6020B	2597639
92816838001	**MIT-PZ-2D**	SM 2540C-2020	959186		
92816838002	**MIT-PZ-32**	SM 2540C-2020	959186		
92816838003	**MIT-PZ-19**	SM 2540C-2020	959186		
92816838004	**MIT-PZ-18**	SM 2540C-2020	959482		
92816838005	**MIT-PZ-17**	SM 2540C-2020	959482		
92816838006	**MIT-APA12-FB-01**	SM 2540C-2020	959186		
92816838007	**MIT-APA12-EB-01**	SM 2540C-2020	959186		
92816838008	**MIT-APA12-FB-02**	SM 2540C-2020	959482		
92816838009	**MIT-PZ-1D**	SM 2540C-2020	959186		
92816838010	**MIT-PZ-31**	SM 2540C-2020	959186		
92816838011	**MIT-PZ-16**	SM 2540C-2020	959186		
92816838012	**MIT-PZ-7D**	SM 2540C-2020	959186		
92816838013	**MIT-PZ-25**	SM 2540C-2020	959482		
92816838014	**MIT-PZ-23A**	SM 2540C-2020	959482		
92816838015	**MIT-PZ-15**	SM 2540C-2020	959482		
92816838016	**MIT-APA12-FD-01**	SM 2540C-2020	959482		
92816838017	**MIT-PZ-14**	SM 2540C-2020	959768		
92816838018	**MIT-PZ-33**	SM 2540C-2020	959768		
92816838019	**MIT-APA12-FD-02**	SM 2540C-2020	959768		
92816838020	**MIT-APA12-EB-02**	SM 2540C-2020	959769		
92816838021	**MIT-PZ-57**	SM 2540C-2020	959769		
92816838001	**MIT-PZ-2D**	EPA 300.0 Rev 2.1 1993	958636		
92816838002	**MIT-PZ-32**	EPA 300.0 Rev 2.1 1993	958636		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92816838003	**MIT-PZ-19**	EPA 300.0 Rev 2.1 1993	958636		
92816838004	**MIT-PZ-18**	EPA 300.0 Rev 2.1 1993	958636		
92816838005	**MIT-PZ-17**	EPA 300.0 Rev 2.1 1993	958636		
92816838006	**MIT-APA12-FB-01**	EPA 300.0 Rev 2.1 1993	958636		
92816838007	**MIT-APA12-EB-01**	EPA 300.0 Rev 2.1 1993	958636		
92816838008	**MIT-APA12-FB-02**	EPA 300.0 Rev 2.1 1993	958636		
92816838009	**MIT-PZ-1D**	EPA 300.0 Rev 2.1 1993	958636		
92816838010	**MIT-PZ-31**	EPA 300.0 Rev 2.1 1993	958636		
92816838011	**MIT-PZ-16**	EPA 300.0 Rev 2.1 1993	958636		
92816838012	**MIT-PZ-7D**	EPA 300.0 Rev 2.1 1993	958636		
92816838013	**MIT-PZ-25**	EPA 300.0 Rev 2.1 1993	958636		
92816838014	**MIT-PZ-23A**	EPA 300.0 Rev 2.1 1993	958636		
92816838015	**MIT-PZ-15**	EPA 300.0 Rev 2.1 1993	958636		
92816838016	**MIT-APA12-FD-01**	EPA 300.0 Rev 2.1 1993	958636		
92816838017	**MIT-PZ-14**	EPA 300.0 Rev 2.1 1993	958895		
92816838018	**MIT-PZ-33**	EPA 300.0 Rev 2.1 1993	958895		
92816838019	**MIT-APA12-FD-02**	EPA 300.0 Rev 2.1 1993	958895		
92816838020	**MIT-APA12-EB-02**	EPA 300.0 Rev 2.1 1993	958895		
92816838021	**MIT-PZ-57**	EPA 300.0 Rev 2.1 1993	958895		
92816838001	**MIT-PZ-2D**	EPA 3005A	961635	EPA 6020B	962797
92816838002	**MIT-PZ-32**	EPA 3005A	961635	EPA 6020B	962797
92816838003	**MIT-PZ-19**	EPA 3005A	961635	EPA 6020B	962797
92816838004	**MIT-PZ-18**	EPA 3005A	958791	EPA 6020B	961961
92816838005	**MIT-PZ-17**	EPA 3005A	958791	EPA 6020B	961961
92816838006	**MIT-APA12-FB-01**	EPA 3005A	958791	EPA 6020B	961961
92816838007	**MIT-APA12-EB-01**	EPA 3005A	958791	EPA 6020B	961961
92816838008	**MIT-APA12-FB-02**	EPA 3005A	958791	EPA 6020B	961961
92816838009	**MIT-PZ-1D**	EPA 3005A	958791	EPA 6020B	961961
92816838010	**MIT-PZ-31**	EPA 3005A	958791	EPA 6020B	961961
92816838011	**MIT-PZ-16**	EPA 3005A	958791	EPA 6020B	961961
92816838012	**MIT-PZ-7D**	EPA 3005A	958791	EPA 6020B	961961
92816838013	**MIT-PZ-25**	EPA 3005A	958791	EPA 6020B	961961
92816838014	**MIT-PZ-23A**	EPA 3005A	958791	EPA 6020B	961961
92816838015	**MIT-PZ-15**	EPA 3005A	958791	EPA 6020B	961961
92816838016	**MIT-APA12-FD-01**	EPA 3005A	958791	EPA 6020B	961961
92816838017	**MIT-PZ-14**	EPA 3005A	959002	EPA 6020B	961408
92816838018	**MIT-PZ-33**	EPA 3005A	959002	EPA 6020B	961408
92816838019	**MIT-APA12-FD-02**	EPA 3005A	959002	EPA 6020B	961408
92816838020	**MIT-APA12-EB-02**	EPA 3005A	959002	EPA 6020B	961408
92816838021	**MIT-PZ-57**	EPA 3005A	959002	EPA 6020B	961408
92816838001	**MIT-PZ-2D**	EPA 7470A	961948	EPA 7470A	962665
92816838002	**MIT-PZ-32**	EPA 7470A	961948	EPA 7470A	962665
92816838003	**MIT-PZ-19**	EPA 7470A	961948	EPA 7470A	962665
92816838004	**MIT-PZ-18**	EPA 7470A	958808	EPA 7470A	959394
92816838005	**MIT-PZ-17**	EPA 7470A	958808	EPA 7470A	959394
92816838006	**MIT-APA12-FB-01**	EPA 7470A	958808	EPA 7470A	959394

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2
Pace Project No.: 92816838

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92816838007	**MIT-APA12-EB-01**	EPA 7470A	958808	EPA 7470A	959394
92816838008	**MIT-APA12-FB-02**	EPA 7470A	958808	EPA 7470A	959394
92816838009	**MIT-PZ-1D**	EPA 7470A	958808	EPA 7470A	959394
92816838010	**MIT-PZ-31**	EPA 7470A	958808	EPA 7470A	959394
92816838011	**MIT-PZ-16**	EPA 7470A	958808	EPA 7470A	959394
92816838012	**MIT-PZ-7D**	EPA 7470A	958808	EPA 7470A	959394
92816838013	**MIT-PZ-25**	EPA 7470A	958808	EPA 7470A	959394
92816838014	**MIT-PZ-23A**	EPA 7470A	958808	EPA 7470A	959394
92816838015	**MIT-PZ-15**	EPA 7470A	958808	EPA 7470A	959394
92816838016	**MIT-APA12-FD-01**	EPA 7470A	958808	EPA 7470A	959394
92816838017	**MIT-PZ-14**	EPA 7470A	959015	EPA 7470A	959401
92816838018	**MIT-PZ-33**	EPA 7470A	959015	EPA 7470A	959401
92816838019	**MIT-APA12-FD-02**	EPA 7470A	959015	EPA 7470A	959401
92816838020	**MIT-APA12-EB-02**	EPA 7470A	959015	EPA 7470A	959401
92816838021	**MIT-PZ-57**	EPA 7470A	959015	EPA 7470A	959401

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:

Project #:

WO# : 92816838

92816838

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

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

Date/Initials Person Examining Contents: 9/5/25 nw

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

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

Thermometer: ☐ IR Gun ID: 232

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

8939 0431 7973

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

WO# : 92816838

PM: BV Due Date: 09/22/25

CLIENT: 92-GP-MIT

*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)	BP3N	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)
CC		AS	AS			UL																			5			
1		1	1			2																			8			
2		1	1			2																			8			
3		1	1			2																			8			
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.

2

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: GA Power	Report To: SCS Contacts	Attention: Southern Co.
Address: Atlanta, GA	Copy To: WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:
	Sampling Code: MIT-CCR-ASSMT-2025S2	Address:
Email To: SCS Contacts	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Mitchell AP-A, AP-1, AP-2	Pace Project Manager: Bonnie Vang
Requested Due Date/TAT: 10 Day	Project Number:	Pace Profile #: 10834

REGULATORY AGENCY

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

Site Location STATE: GA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / , -) Sample IDs MUST BE UNIQUE	Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
											U	U	N	N											
1	MIT-PZ-2D		WG	G			9/3/25	1209		6	2		4							X	X	X	X		
2	MIT-PZ-32		WG	G			9/3/25	1407		6	2		4							X	X	X	X		
3	MIT-PZ-19		WG	G			9/3/25	1601		6	2		4							X	X	X	X		
4																									
5																									
6																									
7																									
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	0955	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard DATE Signed (MM/DD/YY): 9/4/25

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

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

Pace

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

Effective Date: 05/24/2024

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

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/5 TU

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

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

Thermometer:
☐ IR Gun ID: 73W

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

TRK # 8839 0431239

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

*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)	BP3N	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG9-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)
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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.

5

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	SCS Contacts
Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn
	Sampling Code: MIT-CCR-ASSMT-2025S2
Purchase Order No.:	
Project Name:	Mitchell AP-A, AP-1, AP-2
Project Number:	

Section C Invoice Information:

Attention:	Southern Co.
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Bonnie Vang
Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																	Y/N	U	U	N	N		
1	MIT-PZ-18	WG	G			9/4/25	1155		6	2		4						X	X	X	X		
2	MIT-PZ-17	WG	G			9/4/25	1430		6	2		4						X	X	X	X		
3																							
4																							
5																							
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10																							
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	1057	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard DATE Signed (MM/DD/YY): 9/4/25

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

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

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

Effective Date: 05/24/2024

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

Sample Condition Upon Receipt

Client Name: Ga Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/5 SL

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

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

Thermometer: ☐ IR Gun ID: 730

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

TRK # 8839 6731 7995

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Qualtrax ID: 69614

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP1N	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)
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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.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GA Power	Report To:	SCS Contacts	Attention:	Southern Co.
Address:	Atlanta, GA	Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:	
			Sampling Code: MIT-CCR-ASSMT-2025S2	Address:	
Email To:	SCS Contacts	Purchase Order No.:		Pace Quote Reference:	
Phone:	Fax:	Project Name:	Mitchell AP-A, AP-1, AP-2	Pace Project Manager:	Bonnie Vang
Requested Due Date/TAT:	10 Day	Project Number:		Pace Profile #:	10834

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☑ OTHER CCR X

Site Location STATE: GA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes MATRIX / CODE: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MIT-APA12-FB-01		WQ	G			9/3/25	0910		6	2		4							X	X	X	X		
2	MIT-APA12-EB-01		WQ	G			9/3/25	0930		6	2		4							X	X	X	X		
3	MIT-APA12-FB-02		WQ	G			9/4/25	0915		6	2		4							X	X	X	X		
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ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	0955	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard DATE Signed (MM/DD/YY): 9/4/25

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

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

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

Effective Date: 05/24/2024

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

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/5 SLC

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

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

Thermometer: ☐ IR Gun ID: 730 Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) -0

Cooler Temp Corrected (°C): 3.1

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY TRK # 8839 0431 8409

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: _____ Date/Time: _____

Project Manager SCURF Review: _____ Date: _____

Project Manager SRF Review: _____ Date: _____

Qualtrax ID: 69614

*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)	BP3N	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)
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.

4

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GA Power	Report To:	SCS Contacts	Attention:	Southern Co.
Address:	Atlanta, GA	Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:	
			Sampling Code: MIT-CCR-ASSMT-2025S2	Address:	
Email To:	SCS Contacts	Purchase Order No.:		Pace Quote Reference:	
Phone:	Fax:	Project Name:	Mitchell AP-A, AP-1, AP-2	Pace Project Manager:	Bonnie Vang
Requested Due Date/TAT:	10 Day	Project Number:		Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MIT-PZ-1D	WG	G			9/3/25	1015		6	2		4					U	X	X	X	X		
2	MIT-PZ-3I	WG	G				1205		6	2		4					U	X	X	X	X		
3	MIT-PZ-16	WG	G				1430		6	2		4					U	X	X	X	X		
4	MIT-PZ-7D	WG	G			↓	1615		6	2		4					N	X	X	X	X		
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6																	N						
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9																	N						
10																	N						
11																	N						
12																	N						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	0955	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard DATE Signed (MM/DD/YY): 9/4/25

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

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

*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)
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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.

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: Gen Probe

Project #:

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

915 SM

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

Date/Initials Person Examining Contents: 915 SM

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

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

Thermometer: ☐ IR Gun ID: T30

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 5.1

Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 5.1

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

TRK # 8839 0431 7984

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

3

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: GA Power	Report To: SCS Contacts	Attention: Southern Co.
Address: Atlanta, GA	Copy To: WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:
	Sampling Code: MIT-CCR-ASSMT-2025S2	Address:
Email To: SCS Contacts	Purchase Order No.:	Pace Quote Reference:
Phone: Fax:	Project Name: Mitchell AP-A, AP-1, AP-2	Pace Project Manager: Bonnie Vang
Requested Due Date/TAT: 10 Day	Project Number:	Pace Profile #: 10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

Valid Matrix Codes

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

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

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Y/N	U	U	N	N		
1	MIT-PZ-25	WG	G			9/4/25	1047		6	X		4							X	X	X	X		
2	MIT-PZ-23A	WG	G			↑	1241		6	2		4							X	X	X	X		
3	MIT-PZ-15	WG	G			↓	1423		6	2		4							X	X	X	X		
4	MIT-APA12-FD-01	WG	G			↓	—		6	2		4							X	X	X	X		
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	0853	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard

DATE Signed (MM/DD/YY): 9/4/25

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

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

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

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

Sample Condition Upon Receipt

Client Name: Ga Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/26 SCR

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

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

Thermometer: ☐ IR Gun ID: 230

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GA Power	Report To:	SCS Contacts	Attention:	Southern Co.
Address:	Atlanta, GA	Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:	
			Sampling Code: MIT-CCR-ASSMT-2025S2	Address:	
Email To:	SCS Contacts	Purchase Order No.:		Pace Quote Reference:	
Phone:	Fax:	Project Name:	Mitchell AP-A, AP-1, AP-2	Pace Project Manager:	Bonnie Vang
Requested Due Date/TAT:	10 Day	Project Number:		Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 92816838
1	MIT-PZ-14	WG	G			9/5/25	1030		6	2		4						X	X	X	X		017
2	MIT-PZ-33	WG	G			↓	1230		6	2		4						X	X	X	X		018
3	MIT-APA12-FD02	WG	G			↓	—		6	2		4						X	X	X	X		019
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/6/25	1015		9/6	1015	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard DATE Signed (MM/DD/YY): 9/5/25

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

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

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-power

Project #:

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

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

Date/Initials Person Examining Contents: 9/6 TM

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

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

Thermometer:
☑ IR Gun ID: 230

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.5 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): 3.5

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: _____

Qualtrax ID: 69614

Pace ANALYTICAL SERVICES

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)	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)	DG41-40 mL Amber Unpreserved vials (N/A)
CC																														
1		1	1		X		2																							
2		1	1		X		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.

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CHAIN-OF-CUSTODY / Analytical Request Document

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Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GA Power	Report To:	SCS Contacts	Attention:	Southern Co.
Address:	Atlanta, GA	Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:	
			Sampling Code: MIT-CCR-ASSMT-2025S2	Address:	
Email To:	SCS Contacts	Purchase Order No.:		Pace Quote Reference:	
Phone:	Fax:	Project Name:	Mitchell AP-A, AP-1, AP-2	Pace Project Manager:	Bonnie Vang
Requested Due Date/TAT:	10 Day	Project Number:		Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test: Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MIT-APA12-EB-02	WQ	G			9/5/25	0900		6	2		4						X	X	X	X			020
2	MIT-PZ-57	WG	G			9/5/25	1113		6	2		4						X	X	X	X			021
3																								
4																								
5																								
6																								
7																								
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9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/6/25	1025		9/6	1025	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard

DATE Signed (MM/DD/YY): 9/5/25

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

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

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

September 30, 2025

Joju Abraham
Southern Company
241 Ralph McGill Blvd NE
Bin 10160
Atlanta, GA 30308

RE: Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Dear Joju Abraham:

Enclosed are the analytical results for sample(s) received by the laboratory between September 05, 2025 and September 06, 2025. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services - Greensburg

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

Sincerely,

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

Enclosures

cc: Laura Midkiff, Southern Company
Rhonda Quinn, WSP
Greg Wrenn, WSP

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

CERTIFICATIONS

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Pace Analytical Services Pennsylvania
1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601
ANAB DOD-ELAP Rad Accreditation #: L2417
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 4 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: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92816844001	**MIT-PZ-2D**	Water	09/03/25 12:09	09/05/25 10:55
92816844002	**MIT-PZ-32**	Water	09/03/25 14:07	09/05/25 10:55
92816844003	**MIT-PZ-19**	Water	09/03/25 16:01	09/05/25 10:55
92816844004	**MIT-PZ-18**	Water	09/04/25 11:55	09/05/25 10:55
92816844005	**MIT-PZ-17**	Water	09/04/25 14:30	09/05/25 10:55
92816844006	**MIT-APA12-FB-01**	Water	09/03/25 09:10	09/05/25 10:55
92816844007	**MIT-APA12-EB-01**	Water	09/03/25 09:30	09/05/25 10:55
92816844008	**MIT-APA12-FB-02**	Water	09/04/25 09:15	09/05/25 10:55
92816844009	**MIT-PZ-1D**	Water	09/03/25 10:15	09/05/25 10:55
92816844010	**MIT-PZ-31**	Water	09/03/25 12:05	09/05/25 10:55
92816844011	**MIT-PZ-16**	Water	09/03/25 14:30	09/05/25 10:55
92816844012	**MIT-PZ-7D**	Water	09/03/25 16:15	09/05/25 10:55
92816844013	**MIT-PZ-25**	Water	09/04/25 10:47	09/05/25 10:55
92816844014	**MIT-PZ-23A**	Water	09/04/25 12:41	09/05/25 10:55
92816844015	**MIT-PZ-15**	Water	09/04/25 14:23	09/05/25 10:55
92816844016	**MIT-APA12-FD-01**	Water	09/04/25 00:00	09/05/25 10:55
92816844017	**MIT-PZ-14**	Water	09/05/25 10:30	09/06/25 10:15
92816844018	**MIT-PZ-33**	Water	09/05/25 12:30	09/06/25 10:15
92816844019	**MIT-APA12-FD-02**	Water	09/05/25 00:00	09/06/25 10:15
92816844020	**MIT-APA12-EB-02**	Water	09/05/25 09:00	09/06/25 10:15
92816844021	**MIT-PZ-57**	Water	09/05/25 11:13	09/06/25 10:15

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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SAMPLE ANALYTE COUNT

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92816844001	**MIT-PZ-2D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844002	**MIT-PZ-32**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844003	**MIT-PZ-19**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844004	**MIT-PZ-18**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844005	**MIT-PZ-17**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844006	**MIT-APA12-FB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844007	**MIT-APA12-EB-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844008	**MIT-APA12-FB-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844009	**MIT-PZ-1D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844010	**MIT-PZ-31**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844011	**MIT-PZ-16**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844012	**MIT-PZ-7D**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844013	**MIT-PZ-25**	EPA 9315	SLC	1	PASI-PA

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SAMPLE ANALYTE COUNT

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844014	**MIT-PZ-23A**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844015	**MIT-PZ-15**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844016	**MIT-APA12-FD-01**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	ZPC	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844017	**MIT-PZ-14**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844018	**MIT-PZ-33**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844019	**MIT-APA12-FD-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844020	**MIT-APA12-EB-02**	EPA 9315	SLC	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92816844021	**MIT-PZ-57**	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: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816844001	**MIT-PZ-2D**					
EPA 9315	Radium-226	0.0173U ± 0.115 (0.288) C:91% T:NA	pCi/L		09/22/25 08:24	
EPA 9320	Radium-228	0.734U ± 0.493 (0.962) C:75% T:92%	pCi/L		09/22/25 15:14	
Total Radium Calculation	Total Radium	0.751U ± 0.608 (1.25)	pCi/L		09/24/25 11:57	
92816844002	**MIT-PZ-32**					
EPA 9315	Radium-226	0.0388U ± 0.130 (0.314) C:79% T:NA	pCi/L		09/22/25 08:24	
EPA 9320	Radium-228	0.0321U ± 0.410 (0.937) C:78% T:91%	pCi/L		09/22/25 15:14	
Total Radium Calculation	Total Radium	0.0709U ± 0.540 (1.25)	pCi/L		09/24/25 11:57	
92816844003	**MIT-PZ-19**					
EPA 9315	Radium-226	0.147U ± 0.140 (0.283) C:95% T:NA	pCi/L		09/22/25 08:24	
EPA 9320	Radium-228	0.646U ± 0.427 (0.821) C:78% T:94%	pCi/L		09/22/25 15:14	
Total Radium Calculation	Total Radium	0.793U ± 0.567 (1.10)	pCi/L		09/24/25 11:57	
92816844004	**MIT-PZ-18**					
EPA 9315	Radium-226	0.154U ± 0.123 (0.224) C:82% T:NA	pCi/L		09/22/25 08:24	
EPA 9320	Radium-228	0.145U ± 0.450 (1.01) C:74% T:92%	pCi/L		09/22/25 15:14	
Total Radium Calculation	Total Radium	0.299U ± 0.573 (1.23)	pCi/L		09/24/25 11:57	

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816844005	**MIT-PZ-17**					
EPA 9315	Radium-226	0.0776U ± 0.125 (0.280) C:91% T:NA	pCi/L		09/22/25 08:25	
EPA 9320	Radium-228	0.230U ± 0.386 (0.840) C:71% T:93%	pCi/L		09/22/25 15:15	
Total Radium Calculation	Total Radium	0.308U ± 0.511 (1.12)	pCi/L		09/24/25 11:57	
92816844006	**MIT-APA12-FB-01**					
EPA 9315	Radium-226	0.113U ± 0.131 (0.274) C:85% T:NA	pCi/L		09/22/25 08:25	
EPA 9320	Radium-228	0.995 ± 0.511 (0.882) C:67% T:88%	pCi/L		09/22/25 15:15	
Total Radium Calculation	Total Radium	1.11U ± 0.642 (1.16)	pCi/L		09/24/25 11:57	
92816844007	**MIT-APA12-EB-01**					
EPA 9315	Radium-226	0.0286U ± 0.122 (0.298) C:83% T:NA	pCi/L		09/22/25 08:25	
EPA 9320	Radium-228	0.0461U ± 0.443 (1.02) C:63% T:94%	pCi/L		09/22/25 15:15	
Total Radium Calculation	Total Radium	0.0747U ± 0.565 (1.32)	pCi/L		09/24/25 11:57	
92816844008	**MIT-APA12-FB-02**					
EPA 9315	Radium-226	0.00352U ± 0.112 (0.287) C:93% T:NA	pCi/L		09/22/25 08:25	
EPA 9320	Radium-228	0.284U ± 0.413 (0.890) C:64% T:90%	pCi/L		09/22/25 15:15	
Total Radium Calculation	Total Radium	0.288U ± 0.525 (1.18)	pCi/L		09/24/25 11:57	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816844009	**MIT-PZ-1D**					
EPA 9315	Radium-226	0.0131U ± 0.103 (0.260) C:96% T:NA	pCi/L		09/22/25 08:26	
EPA 9320	Radium-228	0.273U ± 0.372 (0.795) C:67% T:90%	pCi/L		09/22/25 15:15	
Total Radium Calculation	Total Radium	0.286U ± 0.475 (1.06)	pCi/L		09/24/25 11:57	
92816844010	**MIT-PZ-31**					
EPA 9315	Radium-226	0.0969U ± 0.137 (0.301) C:84% T:NA	pCi/L		09/22/25 08:26	
EPA 9320	Radium-228	0.384U ± 0.384 (0.791) C:64% T:98%	pCi/L		09/22/25 15:15	
Total Radium Calculation	Total Radium	0.481U ± 0.521 (1.09)	pCi/L		09/24/25 11:57	
92816844011	**MIT-PZ-16**					
EPA 9315	Radium-226	0.0667U ± 0.0986 (0.217) C:95% T:NA	pCi/L		09/22/25 08:26	
EPA 9320	Radium-228	0.367U ± 0.437 (0.921) C:70% T:94%	pCi/L		09/22/25 15:15	
Total Radium Calculation	Total Radium	0.434U ± 0.536 (1.14)	pCi/L		09/24/25 11:57	
92816844012	**MIT-PZ-7D**					
EPA 9315	Radium-226	0.102U ± 0.128 (0.274) C:79% T:NA	pCi/L		09/22/25 08:26	
EPA 9320	Radium-228	0.465U ± 0.445 (0.910) C:66% T:85%	pCi/L		09/22/25 15:16	
Total Radium Calculation	Total Radium	0.567U ± 0.573 (1.18)	pCi/L		09/24/25 11:57	

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816844013	**MIT-PZ-25**					
EPA 9315	Radium-226	0.288 ± 0.166 (0.257) C:84% T:NA	pCi/L		09/22/25 08:27	
EPA 9320	Radium-228	0.455U ± 0.379 (0.754) C:69% T:94%	pCi/L		09/22/25 15:16	
Total Radium Calculation	Total Radium	0.743U ± 0.545 (1.01)	pCi/L		09/24/25 11:57	
92816844014	**MIT-PZ-23A**					
EPA 9315	Radium-226	0.123U ± 0.155 (0.335) C:87% T:NA	pCi/L		09/22/25 08:27	
EPA 9320	Radium-228	0.759U ± 0.497 (0.932) C:57% T:91%	pCi/L		09/22/25 15:16	
Total Radium Calculation	Total Radium	0.882U ± 0.652 (1.27)	pCi/L		09/24/25 11:57	
92816844015	**MIT-PZ-15**					
EPA 9315	Radium-226	0.0718U ± 0.139 (0.319) C:73% T:NA	pCi/L		09/22/25 08:27	
EPA 9320	Radium-228	0.940U ± 0.536 (0.979) C:62% T:89%	pCi/L		09/22/25 15:16	
Total Radium Calculation	Total Radium	1.01U ± 0.675 (1.30)	pCi/L		09/24/25 11:57	
92816844016	**MIT-APA12-FD-01**					
EPA 9315	Radium-226	0.0892U ± 0.135 (0.300) C:71% T:NA	pCi/L		09/22/25 08:27	
EPA 9320	Radium-228	0.723U ± 0.449 (0.833) C:62% T:91%	pCi/L		09/22/25 15:16	
Total Radium Calculation	Total Radium	0.812U ± 0.584 (1.13)	pCi/L		09/24/25 11:57	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816844017	**MIT-PZ-14**					
EPA 9315	Radium-226	0.0772U ± 0.130 (0.292) C:89% T:NA	pCi/L		09/30/25 08:18	
EPA 9320	Radium-228	0.0686U ± 0.287 (0.654) C:76% T:98%	pCi/L		09/24/25 16:08	
Total Radium Calculation	Total Radium	0.146U ± 0.417 (0.946)	pCi/L		09/30/25 14:39	
92816844018	**MIT-PZ-33**					
EPA 9315	Radium-226	0.140U ± 0.143 (0.288) C:86% T:NA	pCi/L		09/30/25 09:50	
EPA 9320	Radium-228	0.249U ± 0.292 (0.613) C:81% T:95%	pCi/L		09/24/25 16:09	
Total Radium Calculation	Total Radium	0.389U ± 0.435 (0.901)	pCi/L		09/30/25 14:39	
92816844019	**MIT-APA12-FD-02**					
EPA 9315	Radium-226	0.0891U ± 0.122 (0.263) C:91% T:NA	pCi/L		09/30/25 09:50	
EPA 9320	Radium-228	0.0954U ± 0.272 (0.611) C:83% T:98%	pCi/L		09/24/25 16:09	
Total Radium Calculation	Total Radium	0.185U ± 0.394 (0.874)	pCi/L		09/30/25 14:39	
92816844020	**MIT-APA12-EB-02**					
EPA 9315	Radium-226	0.0410U ± 0.104 (0.250) C:82% T:NA	pCi/L		09/30/25 09:50	
EPA 9320	Radium-228	0.243U ± 0.318 (0.677) C:80% T:94%	pCi/L		09/24/25 16:09	
Total Radium Calculation	Total Radium	0.284U ± 0.422 (0.927)	pCi/L		09/30/25 14:39	

REPORT OF LABORATORY ANALYSIS

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SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab Sample ID / Method	Client Sample ID / Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92816844021	**MIT-PZ-57**					
EPA 9315	Radium-226	0.221U ± 0.150 (0.250) C:84% T:NA	pCi/L		09/30/25 09:50	
EPA 9320	Radium-228	0.439U ± 0.294 (0.552) C:82% T:100%	pCi/L		09/24/25 16:09	
Total Radium Calculation	Total Radium	0.660U ± 0.444 (0.802)	pCi/L		09/30/25 14:39	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-2D **Lab ID: 92816844001** Collected: 09/03/25 12:09 Received: 09/05/25 10:55 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	**0.0173U ± 0.115 (0.288) C:91% T:NA**	pCi/L	09/22/25 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.734U ± 0.493 (0.962) C:75% T:92%**	pCi/L	09/22/25 15:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.751U ± 0.608 (1.25)**	pCi/L	09/24/25 11:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-32 **Lab ID: 92816844002** Collected: 09/03/25 14:07 Received: 09/05/25 10:55 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	**0.0388U ± 0.130 (0.314) C:79% T:NA**	pCi/L	09/22/25 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0321U ± 0.410 (0.937) C:78% T:91%**	pCi/L	09/22/25 15:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0709U ± 0.540 (1.25)**	pCi/L	09/24/25 11:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-19 **Lab ID: 92816844003** Collected: 09/03/25 16:01 Received: 09/05/25 10:55 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	**0.147U ± 0.140 (0.283) C:95% T:NA**	pCi/L	09/22/25 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.646U ± 0.427 (0.821) C:78% T:94%**	pCi/L	09/22/25 15:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.793U ± 0.567 (1.10)**	pCi/L	09/24/25 11:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-18 **Lab ID: 92816844004** Collected: 09/04/25 11:55 Received: 09/05/25 10:55 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	**0.154U ± 0.123 (0.224) C:82% T:NA**	pCi/L	09/22/25 08:24	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.145U ± 0.450 (1.01) C:74% T:92%**	pCi/L	09/22/25 15:14	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.299U ± 0.573 (1.23)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-17 **Lab ID: 92816844005** Collected: 09/04/25 14:30 Received: 09/05/25 10:55 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	**0.0776U ± 0.125 (0.280) C:91% T:NA**	pCi/L	09/22/25 08:25	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.230U ± 0.386 (0.840) C:71% T:93%**	pCi/L	09/22/25 15:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.308U ± 0.511 (1.12)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-APA12-FB-01 **Lab ID: 92816844006** Collected: 09/03/25 09:10 Received: 09/05/25 10:55 Matrix: Water
PWS: Site ID: Sample Type:

Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Services - Greensburg					
Radium-226	EPA 9315	**0.113U ± 0.131 (0.274) C:85% T:NA**	pCi/L	09/22/25 08:25	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.995 ± 0.511 (0.882) C:67% T:88%**	pCi/L	09/22/25 15:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.11U ± 0.642 (1.16)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-APA12-EB-01 **Lab ID: 92816844007** Collected: 09/03/25 09:30 Received: 09/05/25 10:55 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	**0.0286U ± 0.122 (0.298) C:83% T:NA**	pCi/L	09/22/25 08:25	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0461U ± 0.443 (1.02) C:63% T:94%**	pCi/L	09/22/25 15:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.0747U ± 0.565 (1.32)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-APA12-FB-02 **Lab ID: 92816844008** Collected: 09/04/25 09:15 Received: 09/05/25 10:55 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	**0.00352U ± 0.112 (0.287) C:93% T:NA**	pCi/L	09/22/25 08:25	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.284U ± 0.413 (0.890) C:64% T:90%**	pCi/L	09/22/25 15:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.288U ± 0.525 (1.18)**	pCi/L	09/24/25 11:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-1D **Lab ID: 92816844009** Collected: 09/03/25 10:15 Received: 09/05/25 10:55 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	**0.0131U ± 0.103 (0.260) C:96% T:NA**	pCi/L	09/22/25 08:26	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.273U ± 0.372 (0.795) C:67% T:90%**	pCi/L	09/22/25 15:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.286U ± 0.475 (1.06)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-31 **Lab ID: 92816844010** Collected: 09/03/25 12:05 Received: 09/05/25 10:55 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	**0.0969U ± 0.137 (0.301) C:84% T:NA**	pCi/L	09/22/25 08:26	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.384U ± 0.384 (0.791) C:64% T:98%**	pCi/L	09/22/25 15:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.481U ± 0.521 (1.09)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-16 **Lab ID: 92816844011** Collected: 09/03/25 14:30 Received: 09/05/25 10:55 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	**0.0667U ± 0.0986 (0.217) C:95% T:NA**	pCi/L	09/22/25 08:26	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.367U ± 0.437 (0.921) C:70% T:94%**	pCi/L	09/22/25 15:15	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.434U ± 0.536 (1.14)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-7D **Lab ID: 92816844012** Collected: 09/03/25 16:15 Received: 09/05/25 10:55 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	**0.102U ± 0.128 (0.274) C:79% T:NA**	pCi/L	09/22/25 08:26	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.465U ± 0.445 (0.910) C:66% T:85%**	pCi/L	09/22/25 15:16	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.567U ± 0.573 (1.18)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-25 **Lab ID: 92816844013** Collected: 09/04/25 10:47 Received: 09/05/25 10:55 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	**0.288 ± 0.166 (0.257) C:84% T:NA**	pCi/L	09/22/25 08:27	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.455U ± 0.379 (0.754) C:69% T:94%**	pCi/L	09/22/25 15:16	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.743U ± 0.545 (1.01)**	pCi/L	09/24/25 11:57	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-23A **Lab ID: 92816844014** Collected: 09/04/25 12:41 Received: 09/05/25 10:55 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	**0.123U ± 0.155 (0.335) C:87% T:NA**	pCi/L	09/22/25 08:27	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.759U ± 0.497 (0.932) C:57% T:91%**	pCi/L	09/22/25 15:16	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.882U ± 0.652 (1.27)**	pCi/L	09/24/25 11:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-15 **Lab ID: 92816844015** Collected: 09/04/25 14:23 Received: 09/05/25 10:55 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	**0.0718U ± 0.139 (0.319) C:73% T:NA**	pCi/L	09/22/25 08:27	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.940U ± 0.536 (0.979) C:62% T:89%**	pCi/L	09/22/25 15:16	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**1.01U ± 0.675 (1.30)**	pCi/L	09/24/25 11:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-APA12-FD-01 **Lab ID: 92816844016** Collected: 09/04/25 00:00 Received: 09/05/25 10:55 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	**0.0892U ± 0.135 (0.300) C:71% T:NA**	pCi/L	09/22/25 08:27	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.723U ± 0.449 (0.833) C:62% T:91%**	pCi/L	09/22/25 15:16	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.812U ± 0.584 (1.13)**	pCi/L	09/24/25 11:57	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-14 **Lab ID: 92816844017** Collected: 09/05/25 10:30 Received: 09/06/25 10:15 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	**0.0772U ± 0.130 (0.292) C:89% T:NA**	pCi/L	09/30/25 08:18	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0686U ± 0.287 (0.654) C:76% T:98%**	pCi/L	09/24/25 16:08	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.146U ± 0.417 (0.946)**	pCi/L	09/30/25 14:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-33 **Lab ID: 92816844018** Collected: 09/05/25 12:30 Received: 09/06/25 10:15 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	**0.140U ± 0.143 (0.288) C:86% T:NA**	pCi/L	09/30/25 09:50	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.249U ± 0.292 (0.613) C:81% T:95%**	pCi/L	09/24/25 16:09	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.389U ± 0.435 (0.901)**	pCi/L	09/30/25 14:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-APA12-FD-02 **Lab ID: 92816844019** Collected: 09/05/25 00:00 Received: 09/06/25 10:15 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	**0.0891U ± 0.122 (0.263) C:91% T:NA**	pCi/L	09/30/25 09:50	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.0954U ± 0.272 (0.611) C:83% T:98%**	pCi/L	09/24/25 16:09	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.185U ± 0.394 (0.874)**	pCi/L	09/30/25 14:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-APA12-EB-02 **Lab ID: 92816844020** Collected: 09/05/25 09:00 Received: 09/06/25 10:15 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	**0.0410U ± 0.104 (0.250) C:82% T:NA**	pCi/L	09/30/25 09:50	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.243U ± 0.318 (0.677) C:80% T:94%**	pCi/L	09/24/25 16:09	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.284U ± 0.422 (0.927)**	pCi/L	09/30/25 14:39	7440-14-4	

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ANALYTICAL RESULTS - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Sample: MIT-PZ-57 **Lab ID: 92816844021** Collected: 09/05/25 11:13 Received: 09/06/25 10:15 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	**0.221U ± 0.150 (0.250) C:84% T:NA**	pCi/L	09/30/25 09:50	13982-63-3	
	Pace Analytical Services - Greensburg					
Radium-228	EPA 9320	**0.439U ± 0.294 (0.552) C:82% T:100%**	pCi/L	09/24/25 16:09	15262-20-1	
	Pace Analytical Services - Greensburg					
Total Radium	Total Radium Calculation	**0.660U ± 0.444 (0.802)**	pCi/L	09/30/25 14:39	7440-14-4	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

QC Batch: 769792
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92816844001, 92816844002, 92816844003, 92816844004, 92816844005, 92816844006, 92816844007, 92816844008, 92816844009, 92816844010, 92816844011, 92816844012, 92816844013, 92816844014, 92816844015, 92816844016

METHOD BLANK: 3752534
Matrix: Water
Associated Lab Samples: 92816844001, 92816844002, 92816844003, 92816844004, 92816844005, 92816844006, 92816844007, 92816844008, 92816844009, 92816844010, 92816844011, 92816844012, 92816844013, 92816844014, 92816844015, 92816844016

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.314 ± 0.280 (0.561) C:81% T:96%	pCi/L	09/22/25 15:15	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

QC Batch: 769643
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92816844001, 92816844002, 92816844003, 92816844004, 92816844005, 92816844006, 92816844007, 92816844008, 92816844009, 92816844010, 92816844011, 92816844012, 92816844013, 92816844014, 92816844015, 92816844016

METHOD BLANK: 3751788
Matrix: Water
Associated Lab Samples: 92816844001, 92816844002, 92816844003, 92816844004, 92816844005, 92816844006, 92816844007, 92816844008, 92816844009, 92816844010, 92816844011, 92816844012, 92816844013, 92816844014, 92816844015, 92816844016

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	-0.00499 ± 0.114 (0.298) C:92% T:NA	pCi/L	09/22/25 08:23	

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QUALITY CONTROL - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

QC Batch: 771119
QC Batch Method: EPA 9315
Analysis Method: EPA 9315
Analysis Description: 9315 Total Radium
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92816844017, 92816844018, 92816844019, 92816844020, 92816844021

METHOD BLANK: 3759479 Matrix: Water
Associated Lab Samples: 92816844017, 92816844018, 92816844019, 92816844020, 92816844021

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-226	0.00147 ± 0.131 (0.337) C:92% T:NA	pCi/L	09/30/25 08:18	

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

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

QUALITY CONTROL - RADIOCHEMISTRY

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

QC Batch: 771231
QC Batch Method: EPA 9320
Analysis Method: EPA 9320
Analysis Description: 9320 Radium 228
Laboratory: Pace Analytical Services - Greensburg
Associated Lab Samples: 92816844017, 92816844018, 92816844019, 92816844020, 92816844021

METHOD BLANK: 3759937 Matrix: Water
Associated Lab Samples: 92816844017, 92816844018, 92816844019, 92816844020, 92816844021

Parameter	Act ± Unc (MDC) Carr Trac	Units	Analyzed	Qualifiers
Radium-228	0.711 ± 1.15 (2.49) C:81% T:27%	pCi/L	09/24/25 16:08	1g

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

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

QUALIFIERS

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

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: 92816844

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

ANALYTE QUALIFIERS

1g	A portion of the method blank was lost during analysis resutling in a lower than routine Ba-133 yield. The low yield increases the MDC. Project samples are not similarly affected.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92816844001	**MIT-PZ-2D**	EPA 9315	769643		
92816844002	**MIT-PZ-32**	EPA 9315	769643		
92816844003	**MIT-PZ-19**	EPA 9315	769643		
92816844004	**MIT-PZ-18**	EPA 9315	769643		
92816844005	**MIT-PZ-17**	EPA 9315	769643		
92816844006	**MIT-APA12-FB-01**	EPA 9315	769643		
92816844007	**MIT-APA12-EB-01**	EPA 9315	769643		
92816844008	**MIT-APA12-FB-02**	EPA 9315	769643		
92816844009	**MIT-PZ-1D**	EPA 9315	769643		
92816844010	**MIT-PZ-31**	EPA 9315	769643		
92816844011	**MIT-PZ-16**	EPA 9315	769643		
92816844012	**MIT-PZ-7D**	EPA 9315	769643		
92816844013	**MIT-PZ-25**	EPA 9315	769643		
92816844014	**MIT-PZ-23A**	EPA 9315	769643		
92816844015	**MIT-PZ-15**	EPA 9315	769643		
92816844016	**MIT-APA12-FD-01**	EPA 9315	769643		
92816844017	**MIT-PZ-14**	EPA 9315	771119		
92816844018	**MIT-PZ-33**	EPA 9315	771119		
92816844019	**MIT-APA12-FD-02**	EPA 9315	771119		
92816844020	**MIT-APA12-EB-02**	EPA 9315	771119		
92816844021	**MIT-PZ-57**	EPA 9315	771119		
92816844001	**MIT-PZ-2D**	EPA 9320	769792		
92816844002	**MIT-PZ-32**	EPA 9320	769792		
92816844003	**MIT-PZ-19**	EPA 9320	769792		
92816844004	**MIT-PZ-18**	EPA 9320	769792		
92816844005	**MIT-PZ-17**	EPA 9320	769792		
92816844006	**MIT-APA12-FB-01**	EPA 9320	769792		
92816844007	**MIT-APA12-EB-01**	EPA 9320	769792		
92816844008	**MIT-APA12-FB-02**	EPA 9320	769792		
92816844009	**MIT-PZ-1D**	EPA 9320	769792		
92816844010	**MIT-PZ-31**	EPA 9320	769792		
92816844011	**MIT-PZ-16**	EPA 9320	769792		
92816844012	**MIT-PZ-7D**	EPA 9320	769792		
92816844013	**MIT-PZ-25**	EPA 9320	769792		
92816844014	**MIT-PZ-23A**	EPA 9320	769792		
92816844015	**MIT-PZ-15**	EPA 9320	769792		
92816844016	**MIT-APA12-FD-01**	EPA 9320	769792		
92816844017	**MIT-PZ-14**	EPA 9320	771231		
92816844018	**MIT-PZ-33**	EPA 9320	771231		
92816844019	**MIT-APA12-FD-02**	EPA 9320	771231		
92816844020	**MIT-APA12-EB-02**	EPA 9320	771231		
92816844021	**MIT-PZ-57**	EPA 9320	771231		
92816844001	**MIT-PZ-2D**	Total Radium Calculation	772896		
92816844002	**MIT-PZ-32**	Total Radium Calculation	772896		
92816844003	**MIT-PZ-19**	Total Radium Calculation	772896		
92816844004	**MIT-PZ-18**	Total Radium Calculation	772896		
92816844005	**MIT-PZ-17**	Total Radium Calculation	772896		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2-RADs
Pace Project No.: 92816844

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92816844006	**MIT-APA12-FB-01**	Total Radium Calculation	772896		
92816844007	**MIT-APA12-EB-01**	Total Radium Calculation	772896		
92816844008	**MIT-APA12-FB-02**	Total Radium Calculation	772896		
92816844009	**MIT-PZ-1D**	Total Radium Calculation	772896		
92816844010	**MIT-PZ-31**	Total Radium Calculation	772896		
92816844011	**MIT-PZ-16**	Total Radium Calculation	772896		
92816844012	**MIT-PZ-7D**	Total Radium Calculation	772896		
92816844013	**MIT-PZ-25**	Total Radium Calculation	772896		
92816844014	**MIT-PZ-23A**	Total Radium Calculation	772896		
92816844015	**MIT-PZ-15**	Total Radium Calculation	772896		
92816844016	**MIT-APA12-FD-01**	Total Radium Calculation	772896		
92816844017	**MIT-PZ-14**	Total Radium Calculation	774165		
92816844018	**MIT-PZ-33**	Total Radium Calculation	774165		
92816844019	**MIT-APA12-FD-02**	Total Radium Calculation	774165		
92816844020	**MIT-APA12-EB-02**	Total Radium Calculation	774165		
92816844021	**MIT-PZ-57**	Total Radium Calculation	774165		

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: [illegible]

Project #:

WO# : 92816844

92816844

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: 9/5/23 MW

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

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

Thermometer: ☑ ☐ IR Gun ID: 230

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

8939 0431 7973

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

WO#: 92816844

PM: BV Due Date: 09/29/25

CLIENT: 92-GP-MIT

*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)	DG9-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)	BP3N	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)
CC		AS	AS			UL																			51			
1		1	1			2																						
2		1	1			2																						
3		1	1			2																						
4																												
5																												
6																												
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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.

2

Pace Analytical
www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	SCS Contacts
Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn
	Sampling Code: MIT-CCR-ASSMT-2025S2
Purchase Order No.:	
Project Name:	Mitchell AP-A, AP-1, AP-2
Project Number:	

Section C Invoice Information:

Attention:	Southern Co.
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Bonnie Vang
Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)	U	U	N	N		
1	MIT-PZ-2D	WG	G			9/3/25	1209		6	2		4							X	X	X	X		
2	MIT-PZ-32	WG	G			9/3/25	1407		6	2		4							X	X	X	X		
3	MIT-PZ-19	WG	G			9/3/25	1601		6	2		4							X	X	X	X		
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	935	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard DATE Signed (MM/DD/YY): 9/4/25

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

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

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

Laboratory receiving samples:

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

Sample Condition Upon Receipt

Client Name: GA Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/5 TU

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

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

Thermometer: ☐ IR Gun ID: 73W

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

TRK # 8839 0431239

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: ________ Date/Time: ________

Project Manager SCURF Review: ________ Date: ________

Project Manager SRF Review: ________ Date: ________

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP1N	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH4)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)
CC																													
1		1	1		2		2																						
2		1	1		2		2																						
3																													
4																													
5																													
6																													
7																													
8																													
9																													
10																													
11																													
12																													

pH Adjustment Log for Preserved Samples

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

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

5

Pace Analytical
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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	SCS Contacts
Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn
	Sampling Code: MIT-CCR-ASSMT-2025S2
Purchase Order No.:	
Project Name:	Mitchell AP-A, AP-1, AP-2
Project Number:	

Section C Invoice Information:

Attention:	Southern Co.
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Bonnie Vang
Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Preservatives: NaOH	Preservatives: $Na_2S_2O_3$	Preservatives: Methanol	Preservatives: Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MIT-PZ-18	WG	G			9/4/25	1155		6	2		4						Y	X	X	X	X		
2	MIT-PZ-17	WG	G			9/4/25	1430		6	2		4						Y	X	X	X	X		
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Requested Analysis Filtered (Y/N)

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	1057	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard

DATE Signed (MM/DD/YY): 9/4/25

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

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

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

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

Sample Condition Upon Receipt

Client Name: Ga Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/5 SL

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

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

Thermometer: ☑ IR Gun ID: 730

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY

TRK # 8839 0731 7995

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)	BPM	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)	
CC																														
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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.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	SCS Contacts
Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn
	Sampling Code: MIT-CCR-ASSMT-2025S2
Purchase Order No.:	
Project Name:	Mitchell AP-A, AP-1, AP-2
Project Number:	

Section C Invoice Information:

Attention:	Southern Co.
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Bonnie Vang
Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)	U	U	N	N		
1	MIT-APA12-FB-01	WQ	G			9/3/25	0910		6	2		4						X	X	X	X		
2	MIT-APA12-EB-01	WQ	G			9/3/25	0930		6	2		4						X	X	X	X		
3	MIT-APA12-FB-02	WQ	G			9/4/25	0915		6	2		4						X	X	X	X		
4																								
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ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	0955	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard DATE Signed (MM/DD/YY): 9/4/25

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

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

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: Go Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/5 SLC

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

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

Thermometer: ☐ IR Gun ID: 730

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) +0

Cooler Temp Corrected (°C): 3.1

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	

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY TRK # 8839 0431 6409

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)	BP3N	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)	
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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.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GA Power	Report To:	SCS Contacts	Attention:	Southern Co.
Address:	Atlanta, GA	Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:	
			Sampling Code: MIT-CCR-ASSMT-2025S2	Address:	
Email To:	SCS Contacts	Purchase Order No.:		Pace Quote Reference:	
Phone:	Fax:	Project Name:	Mitchell AP-A, AP-1, AP-2	Pace Project Manager:	Bonnie Vang
Requested Due Date/TAT:	10 Day	Project Number:		Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Requested Analysis Filtered (Y/N)

ITEM #	Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE	Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Y/N	Analysis Test ↓ Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320(Radium 226/22								Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																				Y/N	U	U	N	N									
1	MIT-PZ-1D		WG	G			9/3/25	1015		6	2		4								X	X	X	X									
2	MIT-PZ-31		WG	G				1205		6	2		4								X	X	X	X									
3	MIT-PZ-16		WG	G				1430		6	2		4								X	X	X	X									
4	MIT-PZ-7D		WG	G			↓	1615		6	2		4								X	X	X	X									
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ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	0955	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard — DATE Signed (MM/DD/YY): 9/4/25

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

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

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

*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)	
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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.

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

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

Sample Condition Upon Receipt

Client Name: Ga Power

Project #:

Courier: ☑ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace 915 SR ☐ Other:

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

Date/Initials Person Examining Contents: 9/5 SR

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

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

Thermometer: ☑ IR Gun ID: T30

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 5.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 5.1

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

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

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

Field Data Required? ☐ Yes ☐ No

COMMENTS/SAMPLE DISCREPANCY
TRK # 8839 0431 7984

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	GA Power	Report To:	SCS Contacts	Attention:	Southern Co.
Address:	Atlanta, GA	Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn	Company Name:	
			Sampling Code: MIT-CCR-ASSMT-2025S2	Address:	
Email To:	SCS Contacts	Purchase Order No.:		Pace Quote Reference	
Phone:	Fax:	Project Name:	Mitchell AP-A, AP-1, AP-2	Pace Project Manager:	Bonnie Vang
Requested Due Date/TAT:	10 Day	Project Number:		Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
																		Requested Analysis Filtered (Y/N)	U	U	N	N		
1	MIT-PZ-25	WG	G			9/4/25	1047		6			4							X	X	X	X		
2	MIT-PZ-23A	WG	G			↓	1241		6	2		4							X	X	X	X		
3	MIT-PZ-15	WG	G				1423		6	2		4							X	X	X	X		
4	MIT-APA12-FD-01	WG	G			↓	—		6	2		4							X	X	X	X		
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/4/25	1700		9/5	0933	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard

DATE Signed (MM/DD/YY): 9/4/25

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

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

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

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

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

Sample Condition Upon Receipt

Client Name: Ga Power

Project #:

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

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

Date/Initials Person Examining Contents: 9/26 SG

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

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

Thermometer: ☐ IR Gun ID: 230

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.1 Correction Factor: Add/Subtract (°C) 0.0

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

Cooler Temp Corrected (°C): 3.1

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: Date/Time:

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

Qualtrax ID: 69614

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

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	SCS Contacts
Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn
	Sampling Code: MIT-CCR-ASSMT-2025S2
Purchase Order No.:	
Project Name:	Mitchell AP-A, AP-1, AP-2
Project Number:	

Section C Invoice Information:

Attention:	Southern Co.
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Bonnie Vang
Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320/Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MIT-PZ-14	WG	G			9/5/25	1030		6	2		4						X	X	X	X		92816838 017
2	MIT-PZ-33	WG	G			↓	1230		6	2		4						X	X	X	X		018
3	MIT-APA12-FD02	WG	G			↓	—		6	2		4						X	X	X	X		019
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard / WSP	9/6/25	1015		9/6	1015	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard

DATE Signed (MM/DD/YY): 9/5/25

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

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

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

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

Effective Date: 05/24/2024

Laboratory receiving samples:

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

Sample Condition Upon Receipt

Client Name: Ga power

Project #:

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

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

Date/Initials Person Examining Contents: 9/6 [illegible]

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

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

Thermometer:

☑ IR Gun ID: 130

Type of Ice: ☑ Wet ☐ Blue ☐ None

Cooler Temp: 3.5 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): 3.5

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

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

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

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

COMMENTS/SAMPLE DISCREPANCY

Field Data Required? ☐ Yes ☐ No

Lot ID of split containers:

CLIENT NOTIFICATION/RESOLUTION

Person contacted: ____________ Date/Time: ____________

Project Manager SCURF Review: ____________ **Date:** ____________

Project Manager SRF Review: ____________ **Date:** ____________

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

Project #

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

Client_____ Profile/EZ (Circle one)_____ Notes_____

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP1N	BP4S-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCl (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
CC																														
1	\	1	1		8	\	2	\	\			\		\	\	\											\	\		
2	\	1	1		8	\	2	\	\			\		\	\	\											\	\		
3	\					\		\	\			\		\	\	\											\	\		
4	\					\		\	\			\		\	\	\											\	\		
5	\					\		\	\			\		\	\	\											\	\		
6	\					\		\	\			\		\	\	\											\	\		
7	\					\		\	\			\		\	\	\											\	\		
8	\					\		\	\			\		\	\	\											\	\		
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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.

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CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 1

Section A Required Client Information:

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

Section B Required Project Information:

Report To:	SCS Contacts
Copy To:	WSP USA Contacts:Rhonda Quinn/Greg Wrenn
	Sampling Code: MIT-CCR-ASSMT-2025S2
Purchase Order No.:	
Project Name:	Mitchell AP-A, AP-1, AP-2
Project Number:	

Section C Invoice Information:

Attention:	Southern Co.
Company Name:	
Address:	
Pace Quote Reference:	
Pace Project Manager:	Bonnie Vang
Pace Profile #:	10834

REGULATORY AGENCY

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

Site Location STATE: GA

Section D Required Client Information

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

Valid Matrix Codes

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

Requested Analysis Filtered (Y/N)

ITEM #	Sample ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COLLECTED: COMPOSITE START TIME	COLLECTED: COMPOSITE END/GRAB DATE	COLLECTED: COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	Preservatives: H_2SO_4	Preservatives: HNO_3	Preservatives: HCl	Preservatives: NaOH	Preservatives: $Na_2S_2O_3$	Preservatives: Methanol	Preservatives: Other	Analysis Test Y/N	Cl, F, SO4	TDS	Appendix III/IV Total Metals	Radium 9315/9320(Radium 226/22	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	MIT-APA12-EB-02	WQ	G			9/5/25	0900		6	2		4						X	X	X	X		020
2	MIT-PZ-57	WG	G			9/5/25	1113		6	2		4						X	X	X	X		021
3																								
4																								
5																								
6																								
7																								
8																								
9																								
10																								
11																								
12																								

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	Daniel Howard/WSP	9/6/25	1025		9/6	1025	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Daniel Howard

SIGNATURE of SAMPLER: Daniel Howard

DATE Signed (MM/DD/YY): 9/5/25

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

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

Quality Control Sample Performance Assessment

Test: Ra-228
Analyst: ZPC
Date: 9/17/2025
Worklist: 87000
Matrix: WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3752534
MB concentration:	0.314
M/B 2 Sigma CSU:	0.280
MB MDC:	0.561
MB Numerical Performance Indicator:	2.20
MB Status vs Numerical Indicator:	Warning
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS87000	**LCSD87000**
Count Date:	9/22/2025	9/22/2025
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	31.206	31.206
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.823	0.815
Target Conc. (pCi/L, g, F):	3.793	3.827
Uncertainty (Calculated):	0.186	0.188
Result (pCi/L, g, F):	3.010	3.282
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.786	0.847
Numerical Performance Indicator:	-1.90	-1.23
Percent Recovery:	79.37%	85.76%
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.:	LCS87000	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD87000	
Sample Result (pCi/L, g, F):	3.010	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.786	
Sample Duplicate Result (pCi/L, g, F):	3.282	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.847	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-0.461	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	7.74%	
Duplicate Status vs Numerical Indicator:	Pass	
Duplicate Status vs RPD:	Pass	
% RPD Limit:	36%	

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

VAL
9/23/25

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-228
Analyst:	VAL
Date:	9/19/2025
Worklist:	87104
Matrix:	WT

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3759937
MB concentration:	0.711
M/B 2 Sigma CSU:	1.145
MB MDC:	2.486
MB Numerical Performance Indicator:	1.22
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	Pass

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS87104	LCSD87104
Count Date:	9/24/2025	9/24/2025
Spike I.D.:	23-043	23-043
Decay Corrected Spike Concentration (pCi/mL):	31.185	31.185
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.822	0.819
Target Conc. (pCi/L, g, F):	3.794	3.808
Uncertainty (Calculated):	0.186	0.187
Result (pCi/L, g, F):	2.790	3.365
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.684	0.805
Numerical Performance Indicator:	-2.78	-1.05
Percent Recovery:	73.54%	88.36%
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.:	LCS87104	Enter Duplicate sample IDs if other than LCS/LCSD in the space below.
Duplicate Sample I.D.	LCSD87104	
Sample Result (pCi/L, g, F):	2.790	
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.684	
Sample Duplicate Result (pCi/L, g, F):	3.365	
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.805	
Are sample and/or duplicate results below RL?	NO	
Duplicate Numerical Performance Indicator:	-1.066	
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	18.30%	
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:

9/19/25

CT 9-26-25

Quality Control Sample Performance Assessment

Pace Analytical™
www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	9/11/2025
Worklist:	86984
Matrix:	W

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3751788
MB concentration:	-0.005
M/B 2 Sigma CSU:	0.114
MB MDC:	0.298
MB Numerical Performance Indicator:	-0.09
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS86984	LCSD86984
Count Date:	9/22/2025	9/22/2025
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.009	25.009
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.504	0.509
Target Conc. (pCi/L, g, F):	4.962	4.912
Uncertainty (Calculated):	0.233	0.231
Result (pCi/L, g, F):	4.858	5.220
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.861	0.911
Numerical Performance Indicator:	-0.23	0.64
Percent Recovery:	97.90%	106.27%
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.:	LCS86984	92816844016
Duplicate Sample I.D.	LCSD86984	92816844016DUP
Sample Result (pCi/L, g, F):	4.858	0.089
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.861	0.135
Sample Duplicate Result (pCi/L, g, F):	5.220	0.028
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.911	0.098
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	-0.565	0.718
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	8.20%	104.81%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

CT 9-22-25

VAM 9/22/25

Quality Control Sample Performance Assessment

Pace Analytical
www.pacelabs.com

Test:	Ra-226
Analyst:	SLC
Date:	9/23/2025
Worklist:	87092
Matrix:	W

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Method Blank Assessment	
MB Sample ID	3759479
MB concentration:	0.001
M/B 2 Sigma CSU:	0.131
MB MDC:	0.337
MB Numerical Performance Indicator:	0.02
MB Status vs Numerical Indicator:	Pass
MB Status vs. MDC:	N/A

Laboratory Control Sample Assessment	LCSD (Y or N)?	Y
	LCS87092	**LCSD87092**
Count Date:	9/30/2025	9/30/2025
Spike I.D.:	23-014	23-014
Decay Corrected Spike Concentration (pCi/mL):	25.008	25.008
Volume Used (mL):	0.10	0.10
Aliquot Volume (L, g, F):	0.512	0.510
Target Conc. (pCi/L, g, F):	4.882	4.899
Uncertainty (Calculated):	0.229	0.230
Result (pCi/L, g, F):	5.211	4.830
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	0.949	0.882
Numerical Performance Indicator:	0.66	-0.15
Percent Recovery:	106.75%	98.59%
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.:	LCS87092	92817561009
Duplicate Sample I.D.	LCSD87092	92817561009DUP
Sample Result (pCi/L, g, F):	5.211	0.343
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.949	0.181
Sample Duplicate Result (pCi/L, g, F):	4.830	0.406
Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	0.882	0.204
Are sample and/or duplicate results below RL?	NO	See Below ##
Duplicate Numerical Performance Indicator:	0.577	-0.454
(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	7.95%	16.87%
Duplicate Status vs Numerical Indicator:	Pass	Pass
Duplicate Status vs RPD:	N/A	N/A
% RPD Limit:	25%	25%

Matrix Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.		
Sample MS I.D.		
Sample MSD I.D.		
Sample Matrix Spike Result:		
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
Sample Matrix Spike Duplicate Result:		
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
Duplicate Numerical Performance Indicator:		
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:		
MS/ MSD Duplicate Status vs Numerical Indicator:		
MS/ MSD Duplicate Status vs RPD:		
% RPD Limit:		

Evaluation of duplicate precision is not applicable if either the sample or duplicate results are below the MDC.

Comments:

CT 9-30-25

AM 9/30/25

APPENDIX B
DATA QUALITY EVALUATION

Data Evaluation Narrative
Project: Plant Mitchell CCR Groundwater Semiannual Event #24
WSP Project Number: US-WSP-31406440.6902.2503
Site: Ash Ponds AP-A, AP-1, and AP-2 - Plant Mitchell, Georgia
Matrix: Groundwater

Pace SDG No: 92816838

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the Semiannual Event #24 (September 2025) conducted at Ash Ponds AP-A, AP-1, and AP-2 at Plant Mitchell, located in Albany, Georgia. The samples were collected and analyzed per the protocols presented in the *Draft* Plant Mitchell *Field Sampling Plan* (FSP) (SCS, 2016). The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE validation was performed on the samples analyzed by the fixed-based laboratory within this sample delivery group (SDG). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory's precision and accuracy limits, the method requirements, and any requirements listed in the FSP. It should be noted that at the time of this review, a finalized QAPP was not provided. DQE data qualifications were applied, if necessary, using the procedures in United States Environmental Protection Agency (USEPA) Region IV Data Validation Standard Operating Procedures (USEPA, 2011) and the USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

Qualifier	Usable Data
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. *SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.*
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. *Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).*
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Qualifier	Unusable Data
R	The sample results are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed and the data are unusable.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection, however the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in these SDGs are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data packages, as submitted to WSP USA Inc. (WSP) are complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW6020B, SW7470A, SM2540C, and EPA 300.0.

Sample Integrity

The groundwater samples were submitted to Pace Analytical Services, Inc. (Pace) in Peachtree Corners, Georgia and analyzed for Appendix III and Appendix IV metals (antimony, arsenic, barium, beryllium, boron, cadmium, calcium, chromium, cobalt, lead, lithium, molybdenum, selenium, and thallium) by Method SW6020B, mercury by Method SW7470A, anions (chloride, fluoride, and sulfate) by Method E300.0, and total dissolved solids (TDS) by Method SM2540C. Lithium was analyzed by Pace National in Mt. Juliet Tennessee, and the remaining 6020B metals and mercury were analyzed by Pace-West Columbia, South Carolina. Anions and TDS were analyzed by Pace-Asheville, North Carolina. These data are reported in this SDG: 92816838.

Samples were also sent from Pace's Georgia facility to their laboratory in Greensburg, Pennsylvania and analyzed for radium-226, radium-228, and total radium by Methods SW9315 and SW9320. The radium data were reported in SDG 92816844 and validated separately.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and quality control samples:

Field Sample ID	Sample Date	DQE Level	Field Sample ID	Sample Date	DQE Level
MIT-PZ-1D	09/03/25	II	MIT-PZ-31	09/03/25	II
MIT-PZ-2D	09/03/25	II	MIT-PZ-32	09/03/25	II
MIT-PZ-7D	09/03/25	II	MIT-PZ-33	09/05/25	II
MIT-PZ-14	09/05/25	II	MIT-PZ-57	09/05/25	II
MIT-PZ-15	09/04/25	II	**QC Samples**		
MIT-PZ-16	09/03/25	II	MIT-APA12-EB-01	09/03/25	II
MIT-PZ-17	09/04/25	II	MIT-APA12-EB-02	09/05/25	II
MIT-PZ-18	09/04/25	II	MIT-APA12-FB-01	09/03/25	II
MIT-PZ-19	09/03/25	II	MIT-APA12-FB-02	09/04/25	II
MIT-PZ-23A	09/04/25	II	MIT-APA12-FD-01	09/04/25	II
MIT-PZ-25	09/04/25	II	MIT-APA12-FD-02	09/05/25	II

These samples were collected from Ash Ponds AP-A, AP-1 and AP-2 between September 3 and September 5, 2025. Sample MIT-APA12-FD-01 is a field duplicate of MIT-PZ-15, and MIT-APA12-FD-02 is a field duplicate of MIT-PZ-33. The field QC blanks include samples MIT-APA12-FB-01 and MIT-APA12-FB-02 (field blanks) and MIT-APA12-EB-01 and MIT-APA12-EB-02 (equipment blanks). The sample IDs were modified for inclusion in the EQuIS database by adding the sample type code (WG [groundwater] or WQ [water quality]) and the sample date (YYYYMMDD [i.e., 20250903]); example: *MIT-PZ-1D-WG-20250903*.

The analytical results for metals, mercury, anions, and TDS are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Metals (SW6020B)

The samples were submitted to Pace for CCR Appendix III and Appendix IV metals by Method SW6020B. The CCR Appendix III metals for this event are: boron (B) and calcium (Ca). The Appendix IV metals for this event are antimony (Sb), arsenic (As), barium (Ba), beryllium (Be), cadmium (Cd), chromium (Cr), cobalt (Co), lead (Pb), lithium (Li), molybdenum (Mo), selenium (Se), and thallium (Tl). Each of the Level II components were within laboratory QC limits except for MS/MSD recovery and the equipment blank. Additionally, qualification was applied to a subset of thallium results due to continuing calibration verification (CCV) performance.

Continuing Calibration Verification

The laboratory noted that a CCV for thallium recovered above the method criteria for a subset of samples indicating a possible high bias for detected results (lab flag "CU"). No flags were necessary if thallium was not detected.

> *Action: The thallium results for samples MIT-PZ-15, MIT-PZ-17, MIT-PZ-18, MIT-PZ-23A, and MIT-APA12-FD-01 were considered estimated and flagged "J"; however results were reported at concentrations between the MDL and RL (J-flagged), and no additional flags were necessary.*

Holding Times

The sample analyses were performed within the 6-month analysis holding time.

Method Blanks

The method blanks associated with the samples analyzed did not contain any reportable detections of metals.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

An MS/MSD analysis was performed on samples MIT-APA12-EB-02 and MIT-PZ-18. The recoveries and RPDs were within QC limits except for the MSD recovery of calcium in MIT-PZ-18. However, no qualification was necessary because calcium was detected in the parent sample at greater than 4 times the spike concentration.

Post Digestion Spike (PDS)

PDS analyses results were not reported within this Level 2 data package.

Field Duplicate Precision

As previously noted, two blind field duplicate samples were collected and submitted to the laboratory for this sampling event. Acceptable duplicate precision was achieved for both duplicate pairs indicating good sampling precision.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. Equipment rinsate blanks are collected to monitor the decontamination process and field blanks are collected to assess the water used to decontaminate the equipment and the containers into which samples are placed. Samples MIT-APA12-FB-01 and MIT-APA12-FB-02 are field blanks and are associated with samples MIT-PZ-2D and MIT-PZ-25, respectively. Samples MIT-APA12-EB-01 and MIT-APA12-EB-02 are equipment blanks. MIT-APA12-EB-01 is an equipment blank of the discharge tubing for dedicated bladder pumps and MIT-APA12-EB-02 is the equipment blank associated with monitoring well MIT-PZ-57.

The field and equipment blanks did not contain reportable detections of metals except for MIT-APA12-EB-02. Beryllium was detected at an estimated concentration between the detection and reporting limits; however, beryllium was not detected in the associated sample, and no qualification was necessary.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of metals by USEPA Method SW6020B. Dilution was required for to place concentrations within the calibration curve for the following:

Sample	Analyte	Dilution
MIT-PZ-1D	Ca	5x
MIT-PZ-7D	Ca	10x
MIT-PZ-14	Ca	5x
MIT-PZ-15	Ca	10x
MIT-APA12-FD-01	Ca	10x
MIT-PZ-16	Ca	10x
MIT-PZ-17	Ca	10x
MIT-PZ-18	Ca	8x
MIT-PZ-18	B	2x
MIT-PZ-19	B, Ca	10x
MIT-PZ-23A	Ca	10x
MIT-PZ-25	Ca	10x
MIT-PZ-31	Ca	10x
MIT-PZ-32	Ca	10x
MIT-PZ-33	B, Ca	5x
MIT-APA12-FD-02	B, Ca	5x
MIT-PZ-57	Ca	5x

Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged “J” by the laboratory. The “J” qualifier is maintained by the data validator unless overridden by qualification for other QC criteria.

Mercury (SW7470A)

The samples were submitted to Pace for mercury by Method SW7470A. Each of the Level II components were within laboratory QC limits.

Holding Times

The sample analyses were performed within the 28-day analysis holding time.

Method Blanks

The method blanks associated with the samples analyzed within this SDG did not contain reportable detections of mercury.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCS.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

An MS/MSD analysis was performed on samples MIT-PZ-18 and MIT-PZ-57, and the recoveries and RPDs were within QC limits.

Post Digestion Spike (PDS)

PDS analyses results were not reported within this Level 2 data package.

Field Duplicate Precision

As previously noted, two blind field duplicate sample pairs were collected and submitted to the laboratory for this sampling event. The RPD could not be calculated because mercury was not detected in either the parent or duplicate samples, indicating acceptable precision.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Mercury was not detected in the equipment blanks or the field blanks.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of mercury by USEPA Method SW7470A. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates, however there were none in this SDG.

Anions (EPA 300.0)

The samples were submitted to Pace for anions (chloride, fluoride, and sulfate) by Method E300.0. Each of the Level II components were within laboratory QC limits except MS/MSD recovery.

Holding Times

The sample analyses were performed within the 28-day analysis holding time.

Method Blanks

The method blanks associated with the samples analyzed within this SDG contained no reportable detections of anions.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

An MS/MSD analysis was performed on samples MIT-APA12-FD-01 and MIT-PZ-14, and recoveries and RPDs were within QC limits with one exception. The MS and MSD recoveries for sulfate in MIT-APA12-FD-01 were below the lower QC limit, indicating possible low bias.

> *Action: The sulfate result for field duplicate sample MIT-APA12-FD-01 was qualified as estimated and flagged "J". Additional qualification for sulfate in one sample was applied based on professional judgment as described below.*

Field Duplicate Precision

As previously noted, two blind field duplicate samples were collected and submitted to the laboratory for this sampling event. Acceptable duplicate precision was achieved for both duplicate pairs indicating good sampling precision.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

Anions were not detected in the equipment blanks or the field blanks.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of anions by USEPA Method E300.0. Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" qualifier is maintained by the data validator.

TDS (SM2540C)

The samples were submitted to Pace for TDS by Method SM2540C. Each of the Level II components were within QC limits.

Holding Times

The sample analyses were performed within the 7-day holding time.

Method Blanks

The method blank associated with the samples analyzed within this SDG did not contain TDS.

Laboratory Control Sample (LCS)

Percent recoveries for target analytes were within quality control limits in the LCSs.

Laboratory Duplicate Precision

Laboratory duplicate analyses were performed on project samples MIT-PZ-19, MIT-PZ-23A, and MIT-APA12-EB-02, and the RPDs for MIT-PZ-19 and MIT-PZ-23A were within QC limits. The RPD could not be calculated for MIT-APA12-EB-02 because TDS was not detected in the sample or lab duplicate.

Field Duplicate Precision

As previously noted, two field duplicate sample pairs were collected and submitted to the laboratory for this sampling event, and acceptable duplicate precision was achieved for both duplicate pairs.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

TDS was not detected in the equipment or field blanks.

Reporting Limits

The laboratory RL was below the screening value of 500 mg/L for samples submitted for the analysis of TDS by Method SM2540C and no samples required dilutions; therefore, RLs were met for this project.

Additionally, data are evaluated down to the MDL and results reported between the MDL and RL are considered quantitative estimates. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory; however, there were none reported in this SDG.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan, and the data are usable as qualified in this narrative. Additional qualification was applied to the sulfate result in sample MIT-PZ-15 based on professional judgment. The associated field duplicate was considered estimated due to matrix interference, which would also affect the parent sample.

> *Action: Based on professional judgment, the sulfate result for MIT-PZ-15 was qualified as estimated and flagged "J" due to potential matrix interference.*

References

SCS, 2016. *Draft Field Sampling Plan – Plant Mitchell*, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), August 17, 2016.

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

USEPA, 2020. *EPA National Functional Guidelines for Inorganic Superfund Methods Data Review*, Final, EPA-542-R-20-006, November 2020.

Prepared by/Date: DWK 10/14/25
Checked By/Date: JAH 10/22/25

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92816838
SAMPLING DATES: September 3 - 5, 2025
Plant Mitchell Ash Ponds AP-A, AP-1 and AP-2

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
MIT-PZ-15	PZ-15	N	92816838	E300.0	sulfate	76.2		J	PJ	mg/L
MIT-PZ-15	PZ-15	N	92816838	SW6020B	thallium	0.00016	J, CU	J	CV	mg/L
MIT-APA12-FD-01	PZ-15	FD	92816838	E300.0	sulfate	76.2	M1	J	M-	mg/L
MIT-APA12-FD-01	PZ-15	FD	92816838	SW6020B	thallium	0.00017	J, CU	J	CV	mg/L
MIT-PZ-17	PZ-17	N	92816838	SW6020B	thallium	0.00032	J, CU	J	CV	mg/L
MIT-PZ-18	PZ-18	N	92816838	SW6020B	thallium	0.00017	J, CU	J	CV	mg/L
MIT-PZ-23A	PZ-23A	N	92816838	SW6020B	thallium	0.00017	J, CU	J	CV	mg/L

Notes:
Results qualified "J" due to detections between the MDL and RL are not included on this table unless overridden by other DQE qualifiers.

Laboratory Qualifiers:
CU = The continuing calibration for this analyte is above laboratory acceptance limits. Analyte was not detected above the reporting limit in any of the associated samples.
J = Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.
M1 =Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Reason Codes:
CV = Calibration verification out of acceptance limits.
M- = MS and MSD recoveries outside acceptance limits. The result may be biased low.
PJ = Professional judgment

Validation Qualifiers:
J = The compound was positively identified; however, the associated numerical value is an estimated concentration only. The associated numerical value is the approximate concentration of the analyte in the sample.

Prepared by/Date: DWK 10/15/25
Checked by/Date: JAH 10/22/25

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 24
Project No: US-WSP-31406440.6902.2503
Method: Metals by SW6020B
Laboratory and Lot: Pace SDG: 92816838 (Li analyzed @ Pace Mt. Juliet, TN other metals @ Pace West Columbia, SC)
Reviewer/Date: D. Knaub 10/14/25 **Senior Reviewer/Date:** J. Hartness 10/22/25

YES	NO	NA	COMMENTS

Dilutions: Ca(10x) for PZ-16, PZ-31, PZ-7D, PZ-32, PZ-25, PZ-17, PZ-15, PZ-23A, FD-01
Ca (5x) for PZ-1D, PZ-14, PZ-57 *Ca and B (10x) for PZ-19*
Ca (8x) and B (2x) for PZ-18 *Ca and B (5x) for PZ-33, FD-02*

X **Case narrative and COC completeness review**

No case narrative is included with Level II data package from Pace.
High CCV (lab flag "CU") noted for Tl for several samples, no flags necessary if the Tl was not detected.
The following assoc. samples had a reportable conc. of Tl and are considered estimated:
MIT-PZ-18, MIT-PZ-17, MIT-PZ-23A, MIT-PZ-15, MIT-APA12-FD-01
Results flagged "J" between the MDL and RL, no additional flags necessary

X **Sample preservation and cooler temperature met (HNO_3 to pH<2; 6°C±2)**

Temps. = 3.1, 3.1, 3.1, 3.1, 5.1, 3.1, 3.5°C - OK

X **Holding times met (180 days)**

Coll: 09/03/25 – 09/05/25
6020B Prep: 09/09/25, 09/22/25,
Anal: 09/18/25, 09/19/25, 09/20/25, 09/23/25, 09/25/25, 09/26/25
Li Prep: 09/10/25
Anal: 09/21/25, 09/24/25

X **QC blanks review – any MB results above RL?**

Method Blanks:
p. 32 MB R4276486-1 (Li only) = ND
p. 33 MB R4277935-1 (Li only) = ND
p. 40 MB 4926990 (9/20/25) = ND
p. 42 MB 4927911(9/18/25) = ND
p. 44 MB 4942173 (9/25/25) = ND

Field/Equipment Blanks:
MIT-APA12-FB-01 = ND
MIT-APA12-FB-02 = ND
MIT-APA12-EB-01 = ND
MIT-APA12-EB-02 Be = 0.00037 J x10 = **0.0037 mg/L**
No flag, Be not detected in assoc. GW samples

X **Laboratory control sample (LCS) recovery within limits (metals 70-130%, Hg = 80-120%)**

p. 32 LCS R4276486-2 – Li =95.6% OK
p. 33 LCS R4277935-2 – Li =99.2% OK
p. 40 LCS 4926991 – All OK
p. 42 LCS 4927912 – All OK
p. 44 LCS 4942174 – All OK

Metals (SW6020B) continued:

YES	NO	NA	COMMENTS

X

Lab duplicate - field duplicate precision goals met (lab limits - 20%)

Constituent	**MIT-PZ-15** (mg/L)	**MIT-APA12-FD-01** (mg/L)	RPD/Diff & RL
Ba	0.047	0.046	2.2
B	0.18	0.18	0.0
Ca	91.1	90.7	0.440
Li	0.0015 J	0.00140 J	0.0001 0.00200
Tl	0.00016 J	0.00017 J	0.00001 0.00050
Constituent	**MIT-PZ-33** (mg/L)	**MIT-APA12-FD-02** (mg/L)	RPD/Diff & RL
Ba	0.047	0.047	0.0
B	0.37	0.37	0.0
Ca	114	114	0.0

In cases where results are less than the RL (lab "J" values), all differences between the parent sample and the duplicate were less than the RL per GP guidance and no flag is necessary other than to indicate the result is less than the RL (J).

No lab dups for metals

X

Matrix spike recoveries and RPDs within limits (if applicable: 75-125%, RPD 20)

p. 32 not a sample from this SDG
p. 33 *MIT-APA12-EB-02* Li = 99.7, 98.4% RPD = 1.32
p. 40 *MIT-PZ-18* - All %recs OK except:
Ca =85, 402% RPD = 4 *No flag, parent > 4x spike*
p. 42 not a sample from this SDG
p. 44 not a sample from this SDG

X

Post digestion spike recoveries within limits (if applicable: 80-120%)

Not reported for L2 data package

X

Total metals vs dissolved metals (RPD < 20% or diff. < RL)

No dissolved results in this SDG

X

EDD data verification vs. hardcopy (10% samples for each SDG)

Checked all samples in this SDG - OK

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 24
Project No: US-WSP-31406440.6902.2503
Method: Hg by SW7470A
Laboratory and Lot: Pace SDG: 92816838 (analyzed @ Pace West Columbia, SC)
Reviewer/Date: D. Knaub 10/14/25 **Senior Reviewer/Date:** J. Hartness 10/22/25

YES NO NA COMMENTS

No samples in this SDG required a dilution.

X **Case narrative and COC completeness review**
No case narrative is included with Level II data package from Pace.

X **Sample preservation and cooler temperature met (HNO_3 to pH<2; 6°C±2)**
Temps. = 3.1, 3.1, 3.1, 3.1, 5.1, 3.1, 3.5°C - OK

X **Holding times met (Hg = 28 days)**
Coll: 09/03/25 – 09/05/25
Prep: 09/09/25, 09/23/25 Anal: 09/10/25, 09/23/25

X **QC blanks review – any MB results above RL?**
Method Blanks:
p. 46 MB 4927188 (9/10/25) Hg = ND p. 47 MB 4927961 (9/10/25) Hg = ND
p. 48 MB 4943450 (9/23/25) Hg = ND

Field/Equipment Blanks:
MIT-APA12-FB-01 and MIT-APA12-FB-02 = ND
MIT-APA12-EB-01 and MIT-APA12-EB-02 = ND

X **Laboratory control sample (LCS) recovery within limits (metals 70-130%, Hg = 80-120%)**
p. 46 LCS 4927189 Hg = 105%; p. 47 LCS 4927962 Hg = 112%
p. 48 LCS 4943451 Hg = 98%

X **Lab duplicate - field duplicate precision goals met (lab limits - 20%)**

	MIT-PZ-15 (mg/L)	**MIT-APA12-FD-01** (mg/L)	RPD/Diff & RL
Hg	ND	ND	NA
	MIT-PZ-33 (mg/L)	**MIT-APA12-FD-02** (mg/L)	RPD/Diff & RL
Hg	ND	ND	NA

No lab dups for Hg

X **Matrix spike recoveries and RPDs within limits (if applicable: 75-125%, RPD 20)**
p. 46 MIT-PZ-18 Hg = 106, 105% RPD = 1 OK
p. 47 MIT-PZ-57 Hg = 103, 101% RPD = 1 OK
p. 48 not a sample from this SDG

X **Total metals vs dissolved metals (RPD < 20% or diff. < RL)**
No dissolved results in these SDGs

X **EDD data verification vs. hardcopy (10% samples for each SDG)**
Checked all samples in this SDG - OK
No dilutions in this SDG for Hg

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 24
Project No: US-WSP-31406440.6902.2503
Method: Anions (chloride, fluoride, sulfate) by EPA 300
Laboratory and Lot: Pace SDG: 92816838 (Analyzed @ Pace – Asheville, NC)
Reviewer/Date: D. Knaub 04/08/24 **Senior Reviewer/Date:** J. Hartness 10/22/25

YES NO NA COMMENTS

No samples in this SDG required a dilution

X **Case narrative and COC completeness review**
No case narrative is included with Level II data package from Pace

X **Sample preservation and cooler temperature met (Cool to 6°C)**
Temps. = 3.1, 3.1, 3.1, 3.1, 5.1, 3.1, 3.5°C - OK

X **Holding times met (28 days)**
Coll: 09/03/25 – 09/05/25 Anal: 09/06/25 - 09/09/25

X **QC blanks review – Any detections above RL?**
Method Blanks:
p. 38 MB 4926518 (9/6/25) = ND p. 39 MB 4927572 (9/8/25) = ND

Field/Equipment Blanks:
MIT-APA12-FB-01 and MIT-APA12-FB-02 = ND
MIT-APA12-EB-01 and MIT-APA12-EB-02 = ND

X **Laboratory control sample (LCS) recovery within lab limits (90-110%)**
p. 38 LCS 4926519 – All OK p. 39 LCS 4927573 – All OK

X **Lab duplicate - field duplicate precision goals met (20%)**

Constituent	**MIT-PZ-15** (mg/L)	**MIT-APA12-FD-01** (mg/L)	RPD/Diff & RL	
Cl	5.9	5.9	0.0	
F	ND	ND	NC	
SO_4	76.2	76.2	0.0	
Constituent	**MIT-PZ-33** (mg/L)	**MIT-APA12-FD-02** (mg/L)	RPD/Diff & RL	
Cl	3.2	3.2	0.0	
F	0.077 J	0.075 J	0.002	0.10
SO_4	32.5	32.5	0.0	

In cases where results are less than the RL (lab "J" values), all differences between the parent sample and the duplicate were less than the RL per GP guidance and no flag is necessary other than to indicate the result is less than the RL (J).

X **Matrix spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20)**
p. 38 not a sample from this SDG
p. 38 MIT-APA12-FD-01 – OK except:
SO_4 = 70, 70% RPD = 0 ***Flag result J***
*Based on professional judgment, parent sample **MIT-PZ-15** also **flagged J***
p. 39 MIT-PZ-14 - OK
p. 39 not a sample from this SDG

X **EDD data verification vs. hardcopy (10% samples for each SDG)**
Checked all samples in this SDG - OK

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 24
Project No: US-WSP-31406440.6902.2503
Method: TDS by SM2540C
Laboratory and Lot: Pace SDG: 92816838 (Analyzed @ Pace – Asheville, NC)
Reviewer/Date: D. Knaub 10/14/25 **Senior Reviewer/Date:** J. Hartness 10/22/25

YES	NO	NA		COMMENTS

No samples in this SDG required a dilution.

X **Case narrative and COC completeness review**

X **Sample preservation and cooler temperature met (Cool 6°C±2)**
Temps. = 3.1, 3.1, 3.1, 3.1, 5.1, 3.1, 3.5°C - OK

X **Holding times met (TDS = 7 days)**
Coll: 09/03/25 – 09/05/25 Anal: 09/10/25 - 09/12/25

X **QC blanks review – any MB results above RL?**
Method Blanks:
p. 34 MB 4929093 (9/10/25) = ND
p. 35 MB 4930875 (9/11/25) = ND
p. 36 MB 4932560 (9/12/25) = ND
P. 37 MB 4932564 (9/12/25) = ND

Field/Equipment Blanks:
MIT-APA12-FB-01 and MIT-APA12-FB-02 = ND
MIT-APA12-EB-01 and MIT-APA12-EB-02 = ND

X **Laboratory control sample (LCS) recovery within limits**
p. 34 LCS 4929094 TDS = 98%
p. 35 LCS 4930876 TDS = 102%
p. 36 LCS 4932561 TDS = 98%
p. 37 LCS 4932565 TDS = 98%

X **Lab duplicate - field duplicate precision goals met (lab limits - 20%)**

Constituent	**MIT-PZ-15** (mg/L)	**MIT-APA12-FD-01** (mg/L)	RPD/Diff & RL
TDS	335	333	0.599
Constituent	**MIT-PZ-25**(mg/L)	**MIT-APA12-FD-02** (mg/L)	RPD/Diff & RL
TDS	338	336	3.61

Lab Duplicates:
p. 34 *Not a sample from this SDG*
p. 34 MIT-PZ-19 RPD = 1
p. 35 not a sample from this SDG
p. 35 MIT-PZ-23A RPD = 1
p. 36 not samples from this SDG
p. 37 MIT-APA12-EB-02 both results ND
p. 37 not a sample from this SDG

X **Matrix spike recoveries and RPDs within limits (if applicable: 75-125%, RPD 20)**
Not applicable to TDS

X **EDD data verification vs. hardcopy (10% samples for each SDG)**
Checked all samples in this SDG, OK

Data Evaluation Narrative
Project: Plant Mitchell CCR Groundwater Semiannual Event #24 - Radium
WSP Project Number: US-WSP-31406440.6902.2503
Site: Ash Ponds AP-A, AP-1, and AP-2 - Plant Mitchell, Georgia
Matrix: Groundwater

Pace SDG No: 92816844

Introduction

A data quality evaluation (DQE) was performed on the radium data reported for the Semiannual Event #24 (September 2025) conducted at Ash Ponds AP-A, AP-1, and AP-2 at Plant Mitchell, located in Albany, Georgia. The samples were collected and analyzed per the protocols presented in the *Draft* Plant Mitchell *Field Sampling Plan* (FSP) (SCS, 2016). The following sections provide summary discussions of the required data qualifications for the analytical methods for samples collected. A Level II DQE was performed on the samples analyzed by the fixed-based laboratory within this sample delivery group (SDG). A Level II DQE consists of review of the following criteria: sample integrity, holding times, method blanks, laboratory control samples (LCSs), matrix spikes/matrix spike duplicate (MS/MSD) recoveries and relative percent differences (RPDs), post digestion spikes (PDS), where applicable, laboratory and field duplicate RPDs, field and/or equipment blanks, and reporting limits. Additionally, the data summary tables generated from the electronic data deliverable (EDD) were compared to the laboratory hardcopy data report to verify that the EDD and laboratory data report agree.

The data were reviewed using the laboratory's precision and accuracy limits, the method requirements, and any requirements listed in the FSP. It should be noted that at the time of this review, a finalized QAPP was not provided. DQE data qualifications were applied, if necessary, using the procedures in USEPA Region IV Data Validation Standard Operating Procedures (USEPA, 2011) and the USEPA National Functional Guidelines for Inorganic Superfund Methods Data Review (USEPA, 2020), as guidance, and professional judgment using the following qualifiers:

Qualifier	Usable Data
J	The analyte was positively identified but the result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. *SCS Definition: Value J indicates the substance was detected at such low levels that the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value displayed (value J) is qualified by the laboratory as estimated.*
UJ	The analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. The reported method detection limit is approximate and may be inaccurate or imprecise.
U	Analyte was analyzed for but was not detected above the level of the reported sample reporting/method detection limit. *Note: SCS does not use the "U" flag except when reporting results for radium that are detected below the Minimum Detection Concentration (MDC).*
U*	This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.

Qualifier	Unusable Data
R	The sample results are rejected due to deficiencies in the ability to analyze the sample and meet QC criteria. The presence or absence of the analyte cannot be confirmed and the data are unusable.
UR	The analyte was analyzed for but was not detected above the level of the reported sample reporting or method detection, however the data are unusable. The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The analyte may or may not be present in the sample.

The analytical results for the samples reported in this SDG are usable with the qualifications discussed in this narrative. A summary of the data with associated qualifiers is presented in **Table 1**.

Deliverables

The data package as submitted to WSP USA Inc. (WSP) is complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW9315 and SW9320.

Sample Integrity

The groundwater samples were submitted to Pace Analytical Services, Inc. (Pace) in Peachtree Corners, Georgia and analyzed for metals, anions, and total dissolved solids (TDS) and reported separately in SDG 92816838. Samples reported in this SDG were sent from Pace's Georgia facility to their laboratory in Greensburg, Pennsylvania and analyzed for radium-226, radium-228, and total radium by Methods SW9315 and SW9320.

Based on the information provided on the Chain-of-Custody (COC) forms, the field samples arrived at the laboratory intact and within the temperature range and preservation requirements. Completed COC documents are included in the data package.

Sample Identification

This SDG contains the following groundwater and quality control (QC) samples:

Field Sample ID	Sample Date	DQE Level	Field Sample ID	Sample Date	DQE Level
MIT-PZ-1D	09/03/25	II	MIT-PZ-31	09/03/25	II
MIT-PZ-2D	09/03/25	II	MIT-PZ-32	09/03/25	II
MIT-PZ-7D	09/03/25	II	MIT-PZ-33	09/05/25	II
MIT-PZ-14	09/05/25	II	MIT-PZ-57	09/05/25	II
MIT-PZ-15	09/04/25	II	**QC Samples**		
MIT-PZ-16	09/03/25	II	MIT-APA12-EB-01	09/03/25	II
MIT-PZ-17	09/04/25	II	MIT-APA12-EB-02	09/05/25	II
MIT-PZ-18	09/04/25	II	MIT-APA12-FB-01	09/03/25	II
MIT-PZ-19	09/03/25	II	MIT-APA12-FB-02	09/04/25	II
MIT-PZ-23A	09/04/25	II	MIT-APA12-FD-01	09/04/25	II
MIT-PZ-25	09/04/25	II	MIT-APA12-FD-02	09/05/25	II

These samples were collected from Ash Ponds AP-A, AP-1 and AP-2 between September 3 and September 5, 2025. Sample MIT-APA12-FD-01 is a field duplicate of MIT-PZ-15, and MIT-APA12-FD-02 is a field duplicate of MIT-PZ-33. The field QC blanks include samples MIT-APA12-FB-01 and MIT-APA12-FB-02 (field blanks) and MIT-APA12-EB-01 and MIT-APA12-EB-02 (equipment blanks). The sample IDs were modified for inclusion in the EQuIS database by adding the sample type code (WG [groundwater] or WQ [water quality]) and the sample date (YYYYMMDD [i.e., 20250903]); example: *MIT-PZ-1D-WG-20250903*.

The analytical results for the radium data are usable with the qualifications discussed in this narrative. A summary of the data quality is presented below.

Radium (SW9315/SW9320)

The samples were submitted to Pace for radium-226 (Ra-226), radium-228 (Ra-228) by Methods SW9315 and SW9320, and total radium by calculation. Each of the Level II components were within laboratory QC limits except for laboratory duplicate precision and the field blank.

Holding Times

The sample analyses were performed within the 6-month analysis holding time.

Method Blanks

The method blanks did not contain reportable concentrations of radium above the minimum detectable concentration (MDC).

Laboratory Control Sample (LCS)

The LCS recoveries were within QC limits.

Laboratory Duplicate Precision

A laboratory duplicate was performed on sample MIT-APA12-FD-01, and the RPD for Ra-226 was above the QC limit. However, Ra-226 was not detected above the MDC in the parent or duplicate sample; therefore, the RPD is not applicable and no qualification was applied.

Field Duplicate Precision

As previously noted, two blind field duplicate samples were collected and submitted to the laboratory for this sampling event. Total radium, Ra-226, and Ra-228 were not detected above the MDC in either duplicate pair, indicating acceptable precision.

Sampling Accuracy (Equipment Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. The equipment blanks MIT-APA12-EB-01 and MIT-APA12-EB-02 and field blank MIT-APA12-FB-02 did not contain Ra-226, Ra-228, or total radium above the MDC. Field blank MIT-APA12-FB01 reported a detection of Ra-228, however Ra-228 was not detected above the MDC in the associated sample, therefore no qualification was applied.

Carrier and Tracer Yield Recoveries

The carrier and tracer yield recoveries were within QC limits for the samples in this SDG.

Reporting Limits/Minimum Detectable Concentrations

The RLs (MDCs) were below the screening level of 5 pCi/L for samples submitted for the analysis of radium-226 and radium-228 by Methods SW9315 and SW9320.

Sample results in which the values were reported at concentrations below the MDC were flagged “U” and considered not detected.

Overall Site Evaluation and Professional Judgment Flagging Changes

The chemical data included in this SDG was validated in general accordance with the guidelines contained in the project work plan. DQE flags were not applied or edited based on professional judgment, and the data are usable without qualification.

References

SCS, 2016. *Draft Field Sampling Plan – Plant Mitchell*, Georgia Power Company, Earth Science and Environmental Engineering Technical Services, Southern Company Services, Inc. (SCS), August 17, 2016.

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

USEPA, 2020. *EPA National Functional Guidelines for Inorganic Superfund Methods Data Review*, Final, EPA-542-R-20-006, November 2020.

Prepared by/Date: DWK 10/15/25
Checked By/Date: JAH 10/22/25

TABLE 1
SUMMARY OF DATA QUALIFIERS

TABLE 1
SUMMARY OF DATA QUALIFIERS
SAMPLE DELIVERY GROUP 92816844
SAMPLING DATES: September 3 - 5, 2025
Plant Mitchell Ash Ponds AP-A, AP-1 and AP-2

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
No qualification necessary										

Notes:
No qualification was required for the data reported in this sample delivery group.

Prepared by/Date: DWK 10/15/25
Checked by/Date: JAH 10/22/25

DQE CHECKLISTS

LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 24
Project No: US-WSP-31406440.6902.2503
Method: Radium-226, Radium-228, Total Radium by EPA 9315 and EPA 9320
Laboratory and Lot: Pace SDG: 92816844 (Pace-Greensburg, PA)
Reviewer/Date: D. Knaub 10/15/25 **Senior Reviewer/Date:** JAH 10/22/25

YES	NO	NA		COMMENTS
X			**Case Narrative and COC Completeness Review** No case narrative is included with Level II data package from Pace.	
X			**Sample Preservation and cooler temperature met (HNO_3 to pH<2)** Temps. = 3.1, 3.1, 3.1, 3.1, 5.1, 3.1, 3.5°C - OK	
X			**Holding times met (180 days)** Collected: 09/03/25 – 09/05/25 Analyzed: Ra-226: 09/22/25, 09/30/25 Analyzed: Ra-228: 09/22/25, 09/24/25 Total Ra: 09/24/25, 09/30/25	
	X		**QC Blanks Review (net blank value <MDC)** p. 33 Ra-228 (3752534) (9/22/25) = present but <MDC p. 34 Ra-226 (3751788) (9/22/25) = negative result <MDC p. 35 Ra-226 (3573795) (9/30/25) = present but <MDC p. 36 Ra-228 (3759937) (9/24/25) = present but <MDC Field/Equipment Blanks: p. 17 MIT-APA12-FB-01 Ra-226 = ND Ra-228 = 0.995 pCi/L *No flag, assoc. sample < MDC* p. 18 MIT-APA12-EB-01 = ND p. 19 MIT-APA12-FB-02 = ND p. 31 MIT-APA12-EB-02 = ND	
X			**Laboratory Control Sample (LCS) recovery within lab limits (60-135%)** p. 61 LCS/LCSD 87000 Ra-228 = 79.37, 85.76% RER = 0.847 RPD = 7.74% p. 62 LCS/LCSD 87104 Ra-228 = 73.54, 88.36% RER = -1.066 RPD = 18.30% p. 63 LCS/LCSD 86984 Ra-226 = 97.90, 106.27% RER = -0.565 RPD = 8.2% p. 63 LCS/LCSD 87092 Ra-226 = 106.75, 98.59% RER = 0.577 RPD = 7.95%	
	X		**Lab Duplicate - Field Duplicate precision goals met (lab limits); lab dup every 10 samples** *(RPD = RER (2σ) <3)* Constituent MIT-PZ-15 (pCi/L) MIT-APA12-FD-01 (pCi/L) RPD *Radium not detected above the MDC* Constituent MIT-PZ-33 (pCi/L) MIT-APA12-FD-02 (pCi/L) RPD/RL *Radium not detected above the MDC* *In cases where one or both results are less than the RL (ND or lab "J" values), differences between the parent sample and the duplicate were less than the RL per GP guidance and no flag is necessary other than to indicate the result is less than the RL.* p. 63 lab dup for Ra-226 on MIT-APA12-FD-01 RPD = 104.81% (both results < MDC) RPD = NA for results below MDC – No flag p. 64 lab dup for Ra-226 not a sample from this SDG	

YES	NO	NA	COMMENTS
		☒	**Matrix Spike recoveries and RPDs within limits (if applicable)** None in this SDG
☒			**Carrier/Tracer Yield Recovery Ra-226 (Carrier: Ba);** **Ra-228 (Carrier Ba, Tracer: Y) (30-110%)** Included on results pages – OK Method blank 3759937 reported low tracer recovery (27%) due to volume lost during analysis resulting in an elevated MDC. No effect on the samples, and no qualification necessary.
☒			**EDD Data Verification vs. Hardcopy (10% samples for each SDG)**. Checked all samples in this SDG - OK

APPENDIX B
FIELD SAMPLING DATA
SEPTEMBER 2025

Low-Flow Test Report:

Test Date / Time: 9/3/2025 9:34:54 AM
Project: Plant Mitchell
Operator Name: Ever Guillen

Location Name: MIT-PZ-1D **Latitude: 31.447112127236505** **Longitude: -84.1321615968683** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 71.65 ft** **Total Depth: 81.65 ft** **Initial Depth to Water: 53.13 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 76.65 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.65 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:
Sample time =1015

Weather Conditions:
Clear,hot,humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/3/2025 9:34 AM	00:00	7.40 pH	22.88 °C	335.25 µS/cm	7.52 mg/L	25.70 NTU	185.6 mV	53.13 ft	200.00 ml/min
9/3/2025 9:39 AM	05:00	7.17 pH	23.38 °C	281.27 µS/cm	4.92 mg/L	22.80 NTU	-16.0 mV	53.78 ft	200.00 ml/min
9/3/2025 9:44 AM	10:00	7.16 pH	22.72 °C	272.03 µS/cm	2.75 mg/L	16.30 NTU	-25.7 mV	53.78 ft	200.00 ml/min
9/3/2025 9:49 AM	15:00	7.19 pH	22.72 °C	268.72 µS/cm	2.80 mg/L	12.70 NTU	21.4 mV	53.78 ft	200.00 ml/min
9/3/2025 9:54 AM	20:00	7.24 pH	22.88 °C	266.78 µS/cm	2.85 mg/L	9.02 NTU	47.5 mV	53.78 ft	200.00 ml/min
9/3/2025 9:59 AM	25:00	7.26 pH	23.09 °C	266.74 µS/cm	2.84 mg/L	5.79 NTU	58.7 mV	53.78 ft	200.00 ml/min
9/3/2025 10:04 AM	30:00	7.28 pH	23.15 °C	267.42 µS/cm	2.80 mg/L	2.51 NTU	62.1 mV	53.78 ft	200.00 ml/min
9/3/2025 10:09 AM	35:00	7.29 pH	23.21 °C	267.23 µS/cm	2.76 mg/L	1.32 NTU	63.0 mV	53.78 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/3/2025 11:32:03 AM
Project: Plant Mitchell CCR
Operator Name: Daniel Howard

Location Name: MIT-PZ-2D **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 70.95 ft** **Total Depth: 80.95 ft** **Initial Depth to Water: 36.6 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 75.95 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1209.

Weather Conditions:
Clear and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/3/2025 11:32 AM	00:00	7.817 pH	20.55 °C	130.7 µS/cm	1.764 mg/L	2.360 NTU	95.4 mV	36.60 ft	200.0 ml/min
9/3/2025 11:37 AM	05:00	8.284 pH	20.10 °C	116.3 µS/cm	2.238 mg/L	2.540 NTU	88.2 mV	36.71 ft	200.0 ml/min
9/3/2025 11:42 AM	10:00	8.618 pH	20.01 °C	116.1 µS/cm	2.509 mg/L	1.650 NTU	73.2 mV	36.71 ft	200.0 ml/min
9/3/2025 11:47 AM	15:00	8.774 pH	20.04 °C	115.2 µS/cm	2.555 mg/L	1.190 NTU	67.7 mV	36.71 ft	200.0 ml/min
9/3/2025 11:52 AM	20:00	8.879 pH	19.91 °C	114.9 µS/cm	2.593 mg/L	0.900 NTU	66.2 mV	36.71 ft	200.0 ml/min
9/3/2025 11:57 AM	25:00	8.913 pH	19.93 °C	115.2 µS/cm	2.615 mg/L	0.830 NTU	66.6 mV	36.71 ft	200.0 ml/min
9/3/2025 12:02 PM	30:00	8.945 pH	20.01 °C	115.7 µS/cm	2.636 mg/L	0.950 NTU	65.5 mV	36.72 ft	200.0 ml/min
9/3/2025 12:07 PM	35:00	8.962 pH	20.06 °C	115.0 µS/cm	2.660 mg/L	1.030 NTU	55.9 mV	36.72 ft	200.0 ml/min

Samples

Sample ID:	Description:
MIT-PZ-2D	

Low-Flow Test Report:

Test Date / Time: 9/3/2025 3:35:01 PM
Project: Plant Mitchell (4)
Operator Name: Ever Guillen

Location Name: MIT-PZ-7D **Latitude: 31.44724116663583** **Longitude: -84.13209387109067** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 50.37 ft** **Total Depth: 60.37 ft** **Initial Depth to Water: 34.92 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 55.37 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.19 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:
Sample time =1615

Weather Conditions:
Hot, clear, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/3/2025 3:35 PM	00:00	7.07 pH	24.92 °C	527.42 µS/cm	1.54 mg/L	9.92 NTU	-39.0 mV	34.93 ft	200.00 ml/min
9/3/2025 3:40 PM	05:00	7.04 pH	24.68 °C	537.67 µS/cm	1.29 mg/L	11.90 NTU	29.7 mV	35.11 ft	200.00 ml/min
9/3/2025 3:45 PM	10:00	7.05 pH	24.24 °C	521.81 µS/cm	1.23 mg/L	7.32 NTU	47.0 mV	35.11 ft	200.00 ml/min
9/3/2025 3:50 PM	15:00	7.04 pH	24.53 °C	520.94 µS/cm	1.20 mg/L	3.67 NTU	63.9 mV	35.11 ft	200.00 ml/min
9/3/2025 3:55 PM	20:00	7.02 pH	26.21 °C	537.00 µS/cm	1.45 mg/L	2.81 NTU	58.8 mV	35.11 ft	200.00 ml/min
9/3/2025 4:00 PM	25:00	7.01 pH	27.58 °C	531.99 µS/cm	1.45 mg/L	1.93 NTU	61.6 mV	35.11 ft	200.00 ml/min
9/3/2025 4:05 PM	30:00	7.01 pH	27.94 °C	529.32 µS/cm	1.44 mg/L	1.03 NTU	77.3 mV	35.11 ft	200.00 ml/min
9/3/2025 4:10 PM	35:00	7.01 pH	27.86 °C	532.00 µS/cm	1.53 mg/L	1.07 NTU	66.2 mV	35.11 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/5/2025 9:50:15 AM
Project: Plant Mitchell (7)
Operator Name: Ever Guillen

Location Name: MIT-PZ-14 **Latitude: 31.44724116663583** **Longitude: -84.13209387109067** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.2 ft** **Total Depth: 53.2 ft** **Initial Depth to Water: 44.87 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 48.2 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.35 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:
Sample time =1030

Weather Conditions:
Hot,clear, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/5/2025 9:50 AM	00:00	7.12 pH	24.66 °C	470.42 µS/cm	7.14 mg/L	29.60 NTU	156.7 mV	44.87 ft	200.00 ml/min
9/5/2025 9:55 AM	05:00	7.11 pH	22.77 °C	457.56 µS/cm	7.07 mg/L	20.40 NTU	149.0 mV	45.22 ft	200.00 ml/min
9/5/2025 10:00 AM	10:00	7.11 pH	22.42 °C	477.46 µS/cm	7.03 mg/L	15.40 NTU	104.5 mV	45.22 ft	200.00 ml/min
9/5/2025 10:05 AM	15:00	7.10 pH	22.81 °C	478.51 µS/cm	6.92 mg/L	9.53 NTU	98.0 mV	45.22 ft	200.00 ml/min
9/5/2025 10:10 AM	20:00	7.08 pH	23.13 °C	483.62 µS/cm	6.79 mg/L	5.44 NTU	96.0 mV	45.22 ft	200.00 ml/min
9/5/2025 10:15 AM	25:00	7.07 pH	23.13 °C	489.05 µS/cm	6.63 mg/L	2.61 NTU	94.5 mV	45.22 ft	200.00 ml/min
9/5/2025 10:20 AM	30:00	7.04 pH	23.13 °C	502.09 µS/cm	6.57 mg/L	1.46 NTU	94.4 mV	45.22 ft	200.00 ml/min
9/5/2025 10:25 AM	35:00	7.05 pH	23.20 °C	501.85 µS/cm	6.54 mg/L	1.26 NTU	93.1 mV	45.22 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/4/2025 1:56:04 PM
Project: Plant Mitchell CCR (6)
Operator Name: Daniel Howard

Location Name: MIT-PZ-15 **Latitude: 31.442070161021725** **Longitude: -84.13592507139234** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 73 ft** **Total Depth: 83 ft** **Initial Depth to Water: 32.95 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 78 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.12 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1423. Also collected duplicate sample MIT-APA12-FD-01.

Weather Conditions:
Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/4/2025 1:56 PM	00:00	7.054 pH	26.34 °C	531.9 µS/cm	0.847 mg/L	1.410 NTU	-91.7 mV	32.95 ft	200.0 ml/min
9/4/2025 2:01 PM	05:00	7.017 pH	25.03 °C	543.7 µS/cm	0.437 mg/L	4.030 NTU	-64.7 mV	33.07 ft	200.0 ml/min
9/4/2025 2:06 PM	10:00	7.002 pH	24.50 °C	556.0 µS/cm	0.235 mg/L	1.260 NTU	-27.7 mV	33.07 ft	200.0 ml/min
9/4/2025 2:11 PM	15:00	6.985 pH	24.64 °C	554.1 µS/cm	0.231 mg/L	0.830 NTU	-24.7 mV	33.07 ft	200.0 ml/min
9/4/2025 2:16 PM	20:00	6.952 pH	24.48 °C	553.4 µS/cm	0.181 mg/L	0.450 NTU	-22.9 mV	33.07 ft	200.0 ml/min
9/4/2025 2:21 PM	25:00	6.930 pH	24.41 °C	553.6 µS/cm	0.156 mg/L	0.530 NTU	-22.5 mV	33.07 ft	200.0 ml/min

Samples

Sample ID:	Description:
MIT-PZ-15	

Low-Flow Test Report:

Test Date / Time: 9/3/2025 1:50:55 PM
Project: Plant Mitchell (3)
Operator Name: Ever Guillen

Location Name: MIT-PZ-16 **Latitude: 31.447205375909288** **Longitude: -84.13213293075945** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 43.19 ft** **Total Depth: 53.19 ft** **Initial Depth to Water: 35.25 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 48.19 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.46 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:
Sample time =1430

Weather Conditions:
Hot,clear.humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/3/2025 1:50 PM	00:00	7.13 pH	25.94 °C	553.29 µS/cm	2.55 mg/L	17.50 NTU	103.3 mV	35.25 ft	200.00 ml/min
9/3/2025 1:55 PM	05:00	7.02 pH	24.84 °C	551.71 µS/cm	2.10 mg/L	13.20 NTU	103.9 mV	35.44 ft	200.00 ml/min
9/3/2025 2:00 PM	10:00	7.00 pH	25.02 °C	560.18 µS/cm	2.04 mg/L	7.92 NTU	80.6 mV	35.71 ft	200.00 ml/min
9/3/2025 2:05 PM	15:00	7.00 pH	24.66 °C	567.24 µS/cm	1.96 mg/L	3.66 NTU	77.1 mV	35.71 ft	200.00 ml/min
9/3/2025 2:10 PM	20:00	6.95 pH	25.52 °C	580.44 µS/cm	1.98 mg/L	1.81 NTU	76.0 mV	35.71 ft	200.00 ml/min
9/3/2025 2:15 PM	25:00	6.99 pH	25.08 °C	558.38 µS/cm	1.88 mg/L	1.06 NTU	74.5 mV	35.71 ft	200.00 ml/min
9/3/2025 2:20 PM	30:00	7.00 pH	24.70 °C	556.29 µS/cm	1.74 mg/L	0.59 NTU	72.2 mV	35.71 ft	200.00 ml/min
9/3/2025 2:25 PM	35:00	6.97 pH	24.98 °C	579.86 µS/cm	1.90 mg/L	0.48 NTU	72.1 mV	35.71 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/4/2025 1:46:47 PM
Project: Plant Mitchell (6)
Operator Name: Ever Guillen

Location Name: MIT-PZ-17 **Latitude: 31.447205375909288** **Longitude: -84.13213293075945** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.7 ft** **Total Depth: 62.7 ft** **Initial Depth to Water: 34.38 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 57.7 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min Final Draw Down: 0.24 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:
Sample time =1430

Weather Conditions:
Hot, clear, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/4/2025 1:46 PM	00:00	7.29 pH	26.58 °C	382.31 µS/cm	0.18 mg/L	23.30 NTU	8.7 mV	34.62 ft	200.00 ml/min
9/4/2025 1:51 PM	05:00	7.31 pH	25.61 °C	376.74 µS/cm	0.07 mg/L	13.20 NTU	30.5 mV	34.62 ft	200.00 ml/min
9/4/2025 1:56 PM	10:00	7.29 pH	26.28 °C	387.03 µS/cm	0.08 mg/L	9.61 NTU	33.7 mV	34.62 ft	200.00 ml/min
9/4/2025 2:01 PM	15:00	7.30 pH	26.44 °C	375.35 µS/cm	0.11 mg/L	5.42 NTU	36.5 mV	34.62 ft	200.00 ml/min
9/4/2025 2:06 PM	20:00	7.29 pH	25.13 °C	381.91 µS/cm	0.11 mg/L	3.14 NTU	42.0 mV	34.62 ft	200.00 ml/min
9/4/2025 2:11 PM	25:00	7.30 pH	26.26 °C	378.47 µS/cm	0.12 mg/L	1.36 NTU	38.0 mV	34.62 ft	200.00 ml/min
9/4/2025 2:16 PM	30:00	7.30 pH	25.13 °C	379.75 µS/cm	0.11 mg/L	1.06 NTU	38.0 mV	34.62 ft	200.00 ml/min
9/4/2025 2:21 PM	35:00	7.30 pH	24.98 °C	381.37 µS/cm	0.12 mg/L	0.98 NTU	41.3 mV	34.62 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/4/2025 11:20:04 AM
Project: Plant Mitchell (5)
Operator Name: Ever Guillen

Location Name: MIT-PZ-18 **Latitude: 31.44724116663583** **Longitude: -84.13209387109067** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 58.18 ft** **Total Depth: 63.18 ft** **Initial Depth to Water: 31.88 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 58.18 ft** **Estimated Total Volume Pumped: 6000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.05 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:
Sample time =1155

Weather Conditions:
Hot,clear, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/4/2025 11:20 AM	00:00	6.81 pH	31.21 °C	715.40 µS/cm	1.48 mg/L	12.70 NTU	93.2 mV	31.93 ft	200.00 ml/min
9/4/2025 11:25 AM	05:00	6.85 pH	30.97 °C	678.67 µS/cm	1.79 mg/L	7.74 NTU	111.3 mV	31.93 ft	200.00 ml/min
9/4/2025 11:30 AM	10:00	6.82 pH	25.84 °C	706.76 µS/cm	0.73 mg/L	4.61 NTU	108.7 mV	31.93 ft	200.00 ml/min
9/4/2025 11:35 AM	15:00	6.82 pH	24.68 °C	711.61 µS/cm	0.03 mg/L	3.64 NTU	101.7 mV	31.93 ft	200.00 ml/min
9/4/2025 11:40 AM	20:00	6.82 pH	25.02 °C	712.15 µS/cm	0.09 mg/L	2.20 NTU	97.1 mV	31.93 ft	200.00 ml/min
9/4/2025 11:45 AM	25:00	6.81 pH	24.86 °C	720.83 µS/cm	0.13 mg/L	1.19 NTU	94.3 mV	31.93 ft	200.00 ml/min
9/4/2025 11:50 AM	30:00	6.81 pH	25.15 °C	722.50 µS/cm	0.15 mg/L	0.91 NTU	92.1 mV	31.93 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/3/2025 3:19:06 PM
Project: Plant Mitchell CCR (3)
Operator Name: Daniel Howard

Location Name: MIT-PZ-19 **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 52.63 ft** **Total Depth: 62.63 ft** **Initial Depth to Water: 32.9 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 57.63 ft** **Estimated Total Volume Pumped: 8000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1601.

Weather Conditions:
Clear and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/3/2025 3:19 PM	00:00	7.014 pH	24.41 °C	599.5 µS/cm	3.182 mg/L	0.950 NTU	80.9 mV	32.90 ft	200.0 ml/min
9/3/2025 3:24 PM	05:00	6.974 pH	23.79 °C	589.7 µS/cm	2.561 mg/L	0.610 NTU	83.4 mV	32.96 ft	200.0 ml/min
9/3/2025 3:29 PM	10:00	6.953 pH	23.92 °C	589.7 µS/cm	2.289 mg/L	0.390 NTU	81.6 mV	32.97 ft	200.0 ml/min
9/3/2025 3:34 PM	15:00	6.921 pH	23.61 °C	590.8 µS/cm	2.045 mg/L	0.370 NTU	81.2 mV	32.97 ft	200.0 ml/min
9/3/2025 3:39 PM	20:00	6.907 pH	23.59 °C	612.8 µS/cm	1.872 mg/L	0.200 NTU	80.1 mV	32.97 ft	200.0 ml/min
9/3/2025 3:44 PM	25:00	6.891 pH	23.68 °C	612.2 µS/cm	1.743 mg/L	0.280 NTU	95.3 mV	32.99 ft	200.0 ml/min
9/3/2025 3:49 PM	30:00	6.878 pH	24.04 °C	617.6 µS/cm	1.638 mg/L	0.200 NTU	80.4 mV	32.99 ft	200.0 ml/min
9/3/2025 3:54 PM	35:00	6.861 pH	23.73 °C	621.6 µS/cm	1.549 mg/L	0.190 NTU	79.7 mV	32.99 ft	200.0 ml/min
9/3/2025 3:59 PM	40:00	6.840 pH	23.41 °C	628.5 µS/cm	1.494 mg/L	0.130 NTU	79.9 mV	32.99 ft	200.0 ml/min

Samples

Sample ID:	Description:
MIT-PZ-19	

Low-Flow Test Report:

Test Date / Time: 9/4/2025 12:14:22 PM
Project: Plant Mitchell CCR (5)
Operator Name: Daniel Howard

Location Name: MIT-PZ-23A **Latitude: 31.442086254275814** **Longitude: -84.13598030813424** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 57.21 ft** **Total Depth: 67.21 ft** **Initial Depth to Water: 50.87 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 62.21 ft** **Estimated Total Volume Pumped: 3750 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 150 ml/min** **Final Draw Down: 0.37 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1241.

Weather Conditions:
Hot and humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/4/2025 12:14 PM	00:00	6.734 pH	26.13 °C	772.3 µS/cm	3.541 mg/L	7.910 NTU	114.7 mV	50.87 ft	150.0 ml/min
9/4/2025 12:19 PM	05:00	6.716 pH	25.03 °C	786.3 µS/cm	3.078 mg/L	8.660 NTU	114.1 mV	51.24 ft	150.0 ml/min
9/4/2025 12:24 PM	10:00	6.699 pH	24.58 °C	783.6 µS/cm	2.983 mg/L	5.830 NTU	112.9 mV	51.24 ft	150.0 ml/min
9/4/2025 12:29 PM	15:00	6.685 pH	24.40 °C	782.5 µS/cm	2.950 mg/L	4.060 NTU	113.2 mV	51.24 ft	150.0 ml/min
9/4/2025 12:34 PM	20:00	6.665 pH	24.52 °C	779.6 µS/cm	2.916 mg/L	3.420 NTU	113.8 mV	51.24 ft	150.0 ml/min
9/4/2025 12:39 PM	25:00	6.647 pH	24.62 °C	767.4 µS/cm	2.862 mg/L	2.230 NTU	147.0 mV	51.24 ft	150.0 ml/min

Samples

Sample ID:	Description:
MIT-PZ-23A	

Low-Flow Test Report:

Test Date / Time: 9/4/2025 10:20:30 AM
Project: Plant Mitchell CCR (4)
Operator Name: Daniel Howard

Location Name: MIT-PZ-25 **Latitude: 31.446451758995135** **Longitude: -84.12960763097193** **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: 32.4 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 58.19 ft** **Estimated Total Volume Pumped: 5000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.09 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1047.

Weather Conditions:
Clear and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/4/2025 10:20 AM	00:00	7.258 pH	26.74 °C	474.0 µS/cm	4.005 mg/L	3.620 NTU	36.9 mV	32.40 ft	200.0 ml/min
9/4/2025 10:25 AM	05:00	7.078 pH	24.02 °C	465.3 µS/cm	0.880 mg/L	14.40 NTU	9.3 mV	32.49 ft	200.0 ml/min
9/4/2025 10:30 AM	10:00	7.051 pH	23.81 °C	465.6 µS/cm	0.634 mg/L	6.460 NTU	-1.1 mV	32.49 ft	200.0 ml/min
9/4/2025 10:35 AM	15:00	7.025 pH	23.72 °C	466.2 µS/cm	0.519 mg/L	3.400 NTU	-17.1 mV	32.49 ft	200.0 ml/min
9/4/2025 10:40 AM	20:00	7.005 pH	23.65 °C	464.5 µS/cm	0.460 mg/L	1.950 NTU	-13.1 mV	32.49 ft	200.0 ml/min
9/4/2025 10:45 AM	25:00	6.984 pH	23.63 °C	466.0 µS/cm	0.365 mg/L	1.070 NTU	-27.1 mV	32.49 ft	200.0 ml/min

Samples

Sample ID:	Description:
MIT-PZ-25	

Low-Flow Test Report:

Test Date / Time: 9/3/2025 11:25:15 AM
Project: Plant Mitchell (2)
Operator Name: Ever Guillen

Location Name: MIT-PZ-31 **Latitude: 31.447205375909288** **Longitude: -84.13213293075945** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 51.6 ft** **Total Depth: 61.6 ft** **Initial Depth to Water: 39.72 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 56.6 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.49 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:
Sample time =1205

Weather Conditions:
Hot,clear,humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/3/2025 11:25 AM	00:00	7.60 pH	24.98 °C	311.15 µS/cm	7.75 mg/L	18.30 NTU	114.3 mV	39.72 ft	200.00 ml/min
9/3/2025 11:30 AM	05:00	7.50 pH	24.54 °C	389.51 µS/cm	7.86 mg/L	14.40 NTU	85.0 mV	39.96 ft	200.00 ml/min
9/3/2025 11:35 AM	10:00	7.32 pH	23.98 °C	453.87 µS/cm	6.89 mg/L	11.30 NTU	83.7 mV	40.11 ft	200.00 ml/min
9/3/2025 11:40 AM	15:00	7.11 pH	21.60 °C	455.05 µS/cm	5.15 mg/L	8.41 NTU	102.7 mV	40.21 ft	200.00 ml/min
9/3/2025 11:45 AM	20:00	7.07 pH	21.40 °C	455.86 µS/cm	4.82 mg/L	5.17 NTU	103.2 mV	40.21 ft	200.00 ml/min
9/3/2025 11:50 AM	25:00	7.06 pH	21.47 °C	458.13 µS/cm	4.73 mg/L	3.21 NTU	81.4 mV	40.21 ft	200.00 ml/min
9/3/2025 11:55 AM	30:00	7.06 pH	21.52 °C	455.35 µS/cm	4.66 mg/L	1.89 NTU	99.9 mV	40.21 ft	200.00 ml/min
9/3/2025 12:00 PM	35:00	7.05 pH	21.81 °C	459.74 µS/cm	4.60 mg/L	0.76 NTU	80.9 mV	40.21 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/3/2025 1:30:58 PM
Project: Plant Mitchell CCR (2)
Operator Name: Daniel Howard

Location Name: MIT-PZ-32 **Latitude: 31.446451758995135** **Longitude: -84.12960763097193** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 55.3 ft** **Total Depth: 65.3 ft** **Initial Depth to Water: 38.6 ft**	**Pump Type: Dedicated Bladder** **Tubing Type: HDPE** **Pump Intake From TOC: 60.3 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.07 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1407.

Weather Conditions:
Clear and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/3/2025 1:30 PM	00:00	7.377 pH	22.38 °C	357.9 µS/cm	3.075 mg/L	0.610 NTU	49.0 mV	38.60 ft	200.0 ml/min
9/3/2025 1:35 PM	05:00	7.291 pH	20.77 °C	356.8 µS/cm	1.814 mg/L	1.400 NTU	73.1 mV	38.67 ft	200.0 ml/min
9/3/2025 1:40 PM	10:00	7.275 pH	20.66 °C	355.8 µS/cm	1.418 mg/L	0.530 NTU	63.8 mV	38.67 ft	200.0 ml/min
9/3/2025 1:45 PM	15:00	7.262 pH	20.58 °C	354.4 µS/cm	1.183 mg/L	0.290 NTU	63.7 mV	38.67 ft	200.0 ml/min
9/3/2025 1:50 PM	20:00	7.254 pH	20.60 °C	354.1 µS/cm	1.003 mg/L	0.340 NTU	63.1 mV	38.67 ft	200.0 ml/min
9/3/2025 1:55 PM	25:00	7.245 pH	20.77 °C	355.1 µS/cm	0.883 mg/L	0.440 NTU	62.8 mV	38.67 ft	200.0 ml/min
9/3/2025 2:00 PM	30:00	7.221 pH	20.85 °C	357.9 µS/cm	0.782 mg/L	0.190 NTU	63.1 mV	38.67 ft	200.0 ml/min
9/3/2025 2:05 PM	35:00	7.216 pH	20.90 °C	357.9 µS/cm	0.714 mg/L	0.140 NTU	63.2 mV	38.67 ft	200.0 ml/min

Samples

Sample ID:	Description:
MIT-PZ-32	

Low-Flow Test Report:

Test Date / Time: 9/5/2025 11:50:04 AM
Project: Plant Mitchell (8)
Operator Name: Ever Guillen

Location Name: MIT-PZ-33 **Latitude: 31.44724116663583** **Longitude: -84.13209387109067** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 63.6 ft** **Total Depth: 73.6 ft** **Initial Depth to Water: 50.83 ft**	**Pump Type: Bladder** **Tubing Type: PE** **Pump Intake From TOC: 68.6 ft** **Estimated Total Volume Pumped: 13000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min Final Draw Down: 0.48 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1177603**

Test Notes:

Weather Conditions:
Hot, clear, humid

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/5/2025 11:50 AM	00:00	7.50 pH	27.49 °C	430.15 µS/cm	7.07 mg/L	21.10 NTU	129.3 mV	50.83 ft	200.00 ml/min
9/5/2025 11:55 AM	05:00	7.24 pH	28.58 °C	526.49 µS/cm	4.63 mg/L	13.70 NTU	35.2 mV	51.31 ft	200.00 ml/min
9/5/2025 12:00 PM	10:00	6.99 pH	26.35 °C	568.31 µS/cm	1.10 mg/L	9.24 NTU	48.9 mV	51.31 ft	200.00 ml/min
9/5/2025 12:05 PM	15:00	6.97 pH	25.94 °C	557.86 µS/cm	0.53 mg/L	6.94 NTU	74.0 mV	51.31 ft	200.00 ml/min
9/5/2025 12:10 PM	20:00	6.97 pH	26.14 °C	567.90 µS/cm	0.42 mg/L	3.32 NTU	66.8 mV	51.31 ft	200.00 ml/min
9/5/2025 12:15 PM	25:00	6.97 pH	25.90 °C	555.82 µS/cm	0.25 mg/L	1.73 NTU	82.0 mV	51.31 ft	200.00 ml/min
9/5/2025 12:20 PM	30:00	6.96 pH	26.40 °C	562.43 µS/cm	0.20 mg/L	1.02 NTU	69.7 mV	51.31 ft	200.00 ml/min
9/5/2025 12:25 PM	35:00	6.96 pH	26.52 °C	560.08 µS/cm	0.19 mg/L	1.31 NTU	69.9 mV	51.31 ft	200.00 ml/min
9/5/2025 12:30 PM	40:00	6.94 pH	27.70 °C	565.44 µS/cm	0.43 mg/L		86.2 mV	51.31 ft	200.00 ml/min
9/5/2025 12:35 PM	45:00	6.96 pH	33.18 °C	591.13 µS/cm	1.30 mg/L		77.6 mV	51.31 ft	200.00 ml/min
9/5/2025 12:40 PM	50:00	6.97 pH	33.52 °C	573.92 µS/cm	1.46 mg/L		79.4 mV	51.31 ft	200.00 ml/min
9/5/2025 12:45 PM	55:00	6.97 pH	33.44 °C	575.54 µS/cm	1.47 mg/L		81.1 mV	51.31 ft	200.00 ml/min
9/5/2025 12:50 PM	01:00:00	6.97 pH	33.45 °C	572.91 µS/cm	1.56 mg/L		85.2 mV	51.31 ft	200.00 ml/min

9/5/2025 12:55 PM	01:05:00	6.97 pH	33.45 °C	578.57 µS/cm	1.50 mg/L		86.3 mV	51.31 ft	200.00 ml/min

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 9/5/2025 10:36:41 AM
Project: Plant Mitchell CCR (7)
Operator Name: Daniel Howard

Location Name: MIT-PZ-57 **Latitude: 31.442070161021725** **Longitude: -84.13592507139234** **Well Diameter: 2 in** **Casing Type: PVC** **Screen Length: 10 ft** **Top of Screen: 63.39 ft** **Total Depth: 73.39 ft** **Initial Depth to Water: 31.35 ft**	**Pump Type: QED Bladder Pump** **Tubing Type: LDPE** **Pump Intake From TOC: 68.39 ft** **Estimated Total Volume Pumped: 7000 ml** **Flow Cell Volume: 90 ml** **Final Flow Rate: 200 ml/min** **Final Draw Down: 0.31 ft**	**Instrument Used: Aqua TROLL 400** **Serial Number: 1179236**

Test Notes:
Sample time 1113.

Weather Conditions:
Clear and sunny

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
9/5/2025 10:36 AM	00:00	7.093 pH	24.40 °C	556.3 µS/cm	1.934 mg/L	27.20 NTU	42.1 mV	31.35 ft	200.0 ml/min
9/5/2025 10:41 AM	05:00	7.093 pH	23.97 °C	540.8 µS/cm	2.060 mg/L	13.10 NTU	78.2 mV	31.66 ft	200.0 ml/min
9/5/2025 10:46 AM	10:00	7.077 pH	23.88 °C	547.2 µS/cm	1.926 mg/L	4.840 NTU	104.7 mV	31.66 ft	200.0 ml/min
9/5/2025 10:51 AM	15:00	7.067 pH	24.00 °C	547.2 µS/cm	1.703 mg/L	3.540 NTU	116.0 mV	31.66 ft	200.0 ml/min
9/5/2025 10:56 AM	20:00	7.056 pH	23.92 °C	545.9 µS/cm	1.614 mg/L	2.260 NTU	123.9 mV	31.66 ft	200.0 ml/min
9/5/2025 11:01 AM	25:00	7.053 pH	24.09 °C	548.2 µS/cm	1.520 mg/L	2.010 NTU	129.3 mV	31.66 ft	200.0 ml/min
9/5/2025 11:06 AM	30:00	7.049 pH	23.91 °C	545.6 µS/cm	1.463 mg/L	0.910 NTU	133.0 mV	31.66 ft	200.0 ml/min
9/5/2025 11:11 AM	35:00	7.047 pH	24.01 °C	547.7 µS/cm	1.408 mg/L	0.780 NTU	135.5 mV	31.66 ft	200.0 ml/min

Samples

Sample ID:	Description:
MIT-PZ-57	

APPENDIX B
CALIBRATION DATA

Site Name: Plant Mitchell

Field Instrumentation Calibration Form

Date: 9/3/25

Calibrated By: Daniel Howard

Field Conditions: Clear + Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll	11-79236
Turbidity Meter		

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	At-I Instru
pH (SU)	4.00	24014218	↓	↓
pH (SU)	7.00	24014266		
pH (SU)	10.00	24011537		
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	At-I Instru

Calibration					
Time Start 0510			Time Finish 0540		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	25.08	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	25.26	± 0.1	GWMP
pH (SU)	7.00	7.00	25.19	± 0.1	GWMP
pH (SU)	10.00	10.00	25.12	± 0.1	GWMP
D.O. (%)	N/A	8.48.3	24.41	± 10%	NA
ORP (mV)	228.0	229.1	25.02	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	~~18.8~~ 20	18.9	± 10% of standard	EPA 2023
	~~96.0~~ 100	96.0		
	~~76.4~~ 800	76.7		
	ck 10	9.79		

Calibration Check					
Time Start 1630			Time Finish 1645		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4441	23.35	± 10% of standard	EPA 2023
pH (SU)	4.00	4.105	23.38	± 0.1	GWMP
pH (SU)	7.00	7.093	23.40	± 0.1	GWMP
pH (SU)	10.00	10.11	23.53	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	99.8		
	800	791		
	ck 10	9.64		

Notes:

Site Name: PLANT MITCHELL

Field Instrumentation Calibration Form

Date: 9-3-25

Calibrated By: EVER GUILLEN

Field Conditions: CLOUDY - HUMID

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL 400	1177603
Turbidity Meter	HACH 2100Q	22070D0463

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	2401 4218	01-26	AIR AUTOCAL
pH (SU)	4.00	"	"	"
pH (SU)	7.00	2401 4266	"	"
pH (SU)	10.00	2401 1537	"	"
D.O. (%)	N/A	N/A	N/A	NA
ORP (mV)	228.0	2249 0162	01-26	AIR AUTOCAL

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	~~4490~~ 4451.6	23.33	± 10% of standard	EPA 2023
pH (SU)	4.00	3.98	23.41	± 0.1	GWMP
pH (SU)	7.00	6.99	23.76	± 0.1	GWMP
pH (SU)	10.00	10.03	24.09	± 0.1	GWMP
D.O. (%)	N/A	8.29	22.30	± 10%	NA
ORP (mV)	228.0	222.4	24.03	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.8	± 10% of standard	EPA 2023
	100	~~100~~ 101		
	800	782		
	10	9.80		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4438.1	26.23	± 10% of standard	EPA 2023
pH (SU)	4.00	4.05	26.23	± 0.1	GWMP
pH (SU)	7.00	7.03	26.57	± 0.1	GWMP
pH (SU)	10.00	9.99	25.47	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.7	± 10% of standard	EPA 2023
	100	99.9		
	800	806		
	10	10.7		

Notes:

Site Name: Plant Mitchell

Field Instrumentation Calibration Form

Date: 9/4/25

Calibrated By: Daniel Howard

Field Conditions: Clear + Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll	1179236
Turbidity Meter		

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	AH Instru
pH (SU)	4.00	24014218	↓	↓
pH (SU)	7.00	24014266	↓	↓
pH (SU)	10.00	24011537	↓	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	AH Instru

Calibration					
Time Start 0515		Time Finish 0545			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	23.64	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	23.72	± 0.1	GWMP
pH (SU)	7.00	7.00	23.97	± 0.1	GWMP
pH (SU)	10.00	10.00	24.08	± 0.1	GWMP
D.O. (%)	N/A	8.548	23.43	± 10%	NA
ORP (mV)	228.0	230.5	23.92	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.7	± 10% of standard	EPA 2023
	100	100		
	800	799		
	OK 10	9.83		

Calibration Check					
Time Start 1530		Time Finish 1545			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4479	31.58	± 10% of standard	EPA 2023
pH (SU)	4.00	4.056	31.65	± 0.1	GWMP
pH (SU)	7.00	7.029	30.34	± 0.1	GWMP
pH (SU)	10.00	9.933	30.03	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.1	± 10% of standard	EPA 2023
	100	98.9		
	800	795		
	OK 10	9.95		

Notes:

Site Name: PLANT MITCHELL

Field Instrumentation Calibration Form

Date: 9-4-25

Calibrated By: Ever Guillen

Field Conditions: CLEAR - HUMID

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL 400	1177603
Turbidity Meter	HACH 2100Q	22705D0463

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	2401 4218	01-26	AIR AUTO CAL
pH (SU)	4.00	" "	"	
pH (SU)	7.00	2401 4266	"	
pH (SU)	10.00	2401 1537	"	
D.O. (%)	N/A		"	
ORP (mV)	228.0	22490162	"	

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4933.5	21.04	± 10% of standard	EPA 2023
pH (SU)	4.00	4.03	21.16	± 0.1	GWMP
pH (SU)	7.00	7.03	21.30	± 0.1	GWMP
pH (SU)	10.00	10.02	21.33	± 0.1	GWMP
D.O. (%)	N/A	9.60	18.45	± 10%	NA
ORP (mV)	228.0	234.4	21.47	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.8	± 10% of standard	EPA 2023
	100	100		
	800	793		
	10	10.2		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4415.1	26.25	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	26.25	± 0.1	GWMP
pH (SU)	7.00	7.02	26.52	± 0.1	GWMP
pH (SU)	10.00	9.97	25.41	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.2	± 10% of standard	EPA 2023
	100	99.6		
	800	803		
	10	10.6		

Notes:

Site Name: DIA PW Plant Mitchell

Field Instrumentation Calibration Form

Date: 9/5/25

Calibrated By: Daniel Howard

Field Conditions: Clear + Sunny

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AquaTroll	479236
Turbidity Meter		

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	24014218	1/26	Atl Instru
pH (SU)	4.00	24014218	↓	↓
pH (SU)	7.00	24014266	↓	↓
pH (SU)	10.00	24011557	↓	↓
D.O. (%)	N/A	—	—	—
ORP (mV)	228.0	22490162	1/26	Atl Instru

Calibration					
Time Start 0510			Time Finish 0540		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4490	23.98	± 10% of standard	EPA 2023
pH (SU)	4.00	4.00	24.05	± 0.1	GWMP
pH (SU)	7.00	7.00	24.08	± 0.1	GWMP
pH (SU)	10.00	10.00	24.13	± 0.1	GWMP
D.O. (%)	N/A	8.676	23.24	± 10%	NA
ORP (mV)	228.0	230.2	24.21	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	19.6	± 10% of standard	EPA 2023
	100	102		
	800	794		
	ck 10	10.5		

Calibration Check					
Time Start 1330			Time Finish 1340		
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4,465	33.26	± 10% of standard	EPA 2023
pH (SU)	4.00	3.989	33.40	± 0.1	GWMP
pH (SU)	7.00	6.962	31.33	± 0.1	GWMP
pH (SU)	10.00	9.90	30.19	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	96.7		
	800	785		
	ck 10	9.95		

Notes:

Site Name: PLANT MITCHELL

Field Instrumentation Calibration Form

Date: 9-5-25

Calibrated By: EVER GUILLEN

Field Conditions: Clear + Humid

Instrument	Manufactuer/ Model	Serial Number
Water Quality Meter	AQUATROLL 400	1177603
Turbidity Meter	HACH 2100Q	22070D4673

Calibration Standard Information				
Parameter	Standard	Lot #	Date of Expiration	Brand
Specific Conductance (µS/cm)	4,490	2401421B	01-26	AIR AUTO CAL
pH (SU)	4.00	2401421B	↓	↓
pH (SU)	7.00	2401 4266		
pH (SU)	10.00	2401 1537		
D.O. (%)	N/A			
ORP (mV)	228.0	22490162		

Calibration					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4223.5	23.90	± 10% of standard	EPA 2023
pH (SU)	4.00	4.06	24.16	± 0.1	GWMP
pH (SU)	7.00	7.03	24.35	± 0.1	GWMP
pH (SU)	10.00	10.07	24.43	± 0.1	GWMP
D.O. (%)	N/A	8.37	22.95	± 10%	NA
ORP (mV)	228.0	226.6	24.44	± 10	EPA 2023

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.2	± 10% of standard	EPA 2023
	100	99.5		
	800	813		
	10	10.0		

Calibration Check					
Time Start		Time Finish			
Parameter	Standard	Calibration Value	Calibration Solution Temperature (°C)	Acceptance Criteria	Reference
Specific Conductance (µS/cm)	4,490	4423.2	25.33	± 10% of standard	EPA 2023
pH (SU)	4.00	4.04	25.33	± 0.1	GWMP
pH (SU)	7.00	7.01	25.61	± 0.1	GWMP
pH (SU)	10.00	9.98	25.58	± 0.1	GWMP

	Standard	Calibration Value	Acceptance Criteria	Reference
Turbidity (NTU)	20	20.3	± 10% of standard	EPA 2023
	100	102		
	800	807		
	10	10.2		

Notes:

APPENDIX C
STATISTICAL ANALYSES

GROUNDWATER STATS CONSULTING

February 27, 2026

Southern Company Services
Attn: Mr. Joju Abraham
241 Ralph McGill Blvd NE, Bin 10160
Atlanta, Georgia 30308-3374

Re: Plant Mitchell Ash Pond
September 2025 Semi-Annual Statistical Analysis

Dear Mr. Abraham,

Groundwater Stats Consulting, formerly the statistical consulting division of Sanitas Technologies, is pleased to provide the September 2025 Semi-Annual Groundwater Detection and Assessment Monitoring Statistical analysis of groundwater data for Georgia Power Company's Plant Mitchell Ash Pond. 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 for the Appendix III parameters began in 2016, except for downgradient well PZ-57 which was first sampled in January 2022, and at least 8 background samples were collected at each of the groundwater monitoring wells. Semi-annual sampling of the majority of Appendix IV constituents has been performed for several years in accordance with the Georgia Department of Natural Resources, Environmental Protection Division groundwater monitoring regulations. A list of all parameters is provided below.

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

- **Upgradient wells:** PZ-1D, PZ-2D, PZ-31, and PZ-32
- **Downgradient wells:** PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and PZ-57

Note that well PZ-23 was abandoned and was replaced with well PZ-23A which was first sampled in March 2020. Since new well PZ-23A was installed in close proximity to well PZ-23, the data from the two wells were combined. Additionally, downgradient well PZ-57 has been sampled eight times since installation in January 2022. Data for this well are plotted on time series and box plots, and formal statistics are conducted since a minimum of 8 samples is available for Appendix III and IV constituents.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Founder and Senior Statistician of Groundwater Stats Consulting.

The Coal Combustion Residuals (CCR) program monitors 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 with 100% non-detects since 2016 for Appendix IV constituents follows this letter. When the reporting limit was higher than the CCR-rule specified levels discussed below, non-detects were substituted with one half the reporting limit.

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 both individual wells and between all wells. Values in background which have been flagged as outliers may be seen in a lighter font and as a disconnected symbol on the graphs.

Based on the previous screening, described below, data at all wells for constituents detected in downgradient wells were evaluated for the following: 1) outliers; 2) trends; 3) most appropriate statistical method based on site characteristics of groundwater data upgradient of the facility; and 4) eligibility of downgradient wells when intrawell statistical methods are recommended. Power curves were provided with the screening report to demonstrate that the selected statistical methods for the parameters listed above comply with the USEPA Unified Guidance and the Georgia Environmental Protection Division

Rules for Solid Waste Management Chapter 391-3-4-.10. The EPA suggests the selected statistical method should provide at least 55% power at 3 standard deviations or at least 80% power at 4 standard deviations.

Summary of Statistical Methods – Appendix III and IV Parameters:

Based on the March 2019 evaluation for state and federal regulatory requirements described below, the following methods were selected for Appendix III and IV constituents:

- Appendix III: Interwell prediction limits, combined with a 1-of-2 resample plan for each Appendix III constituent
- Appendix IV: Confidence intervals on downgradient well data compared against Groundwater Protection Standards (GWPS) for each Appendix IV constituent

The distribution of data is tested using the Shapiro-Wilk/Shapiro-Francia test for normality. Parametric prediction limits (or tolerance limits or confidence intervals as applicable) are utilized when the screened historical data follow a normal or transformed-normal distribution. When data cannot be normalized or the majority of data are non-detects, a nonparametric test is utilized. While the false positive rate associated with the parametric limits is based on an annual 10% (5% per semi-annual event) as recommended by the EPA Unified Guidance (2009), the false positive rate associated with the nonparametric limits is dependent upon the available background sample size, number of future comparisons, and verification resample plan. The following approaches are used for handling non-detects (USEPA, 2009):

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

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

Summary of Initial Background Screening – Conducted in March 2019

Outlier Analysis

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

Using the Tukey box plot method, several outliers were identified, and the reports were submitted with the screening. In cases where the most recent value was identified as an outlier, values were not flagged in the database at that time as they may represent a future trend. If future values do not remain at similar concentrations, these values may be flagged as outliers and deselected. Several low values exist in the data sets and appear on the graphs as possible low outliers relative to the laboratory's Practical Quantitation Limit. However, these values are observed trace values (i.e., measurements reported by the laboratory between the Method Detection Limit and the Practical Quantitation Limit) and, therefore, were not flagged as outliers.

Of the values identified by Tukey's method, only a few of these values were flagged in the database as outliers since all other values were similar to remaining measurements within a given well or neighboring wells or were non-detects.

When any values are flagged in the database as outliers, they are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged value in a lighter font as well. A substitution of the most recent reporting limit was applied when varying detection limits existed in data.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Test Evaluation

While trends may be visual, a quantification of the trend and its significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each well to identify statistically significant increasing or decreasing trends, and the reports were submitted with the screening. In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant trends are present, earlier data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When the historical records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits.

The results of the trend analyses were included with the previous screening and showed one statistically significant decreasing trend for chloride at well PZ-25. This trend was relatively low in magnitude when compared to average concentrations; therefore, no adjustments were made to the data set.

Appendix III – Determination of Spatial Variation

The Analysis of Variance (ANOVA) was used to statistically evaluate differences in average concentrations among upgradient wells, which assists in identifying the most appropriate statistical approach. Interwell tests, which compare downgradient well data to statistical limits constructed from pooled upgradient well data, are appropriate when average concentrations are similar across upgradient wells. Intrawell tests, which compare compliance data from a single well to screened historical data within the same well, are appropriate when upgradient wells exhibit spatial variation; when statistical limits constructed from upgradient wells would not be conservative from a regulatory perspective; and when downgradient water quality is unimpacted compared to upgradient water quality for the same parameter.

The ANOVA identified no variation among upgradient well data for boron and fluoride, making these constituents eligible for interwell analyses. Variation was noted for calcium, chloride, pH, sulfate, and TDS. While data were further tested for intrawell eligibility during the screening, interwell methods are used for all Appendix III constituents in accordance with Georgia EPD requirements.

Summary of Background Update Conducted in Spring 2025

Outlier Analysis

Time series plots were used to identify suspected outliers, or extreme values that would result in limits that are not representative of the current background data population. Suspected outliers at upgradient wells for Appendix III and Appendix IV parameters were formally tested using Tukey's box plot method and, when identified, flagged in the computer database with "o" and deselected prior to construction of statistical limits. When the most recent value is identified as an outlier, values are often not flagged in the database at this time as the measurements may represent a possible trend. If future values do not remain at similar concentrations, these values will be flagged as outliers and deselected.

Using the Tukey's box plot method and visual screening, Tukey's test identified an elevated observation for fluoride at upgradient well PZ-2D; however, this observation was not flagged in the database as the measurement appeared to be representative of remaining observations among pooled upgradient concentrations and would not drastically change resulting limits if flagged. Since the previously flagged measurement of calcium at upgradient well PZ-1D was not identified by Tukey's test, the value was unflagged during the previous analysis.

Additionally, concentrations among downgradient wells were also reassessed with visual screening using time series plots. Although higher than remaining concentrations within its respective well, the flagged value for barium at downgradient well PZ-33 was unflagged as it is lower than the respective Maximum Containment Level (MCL) of 2 mg/L and has minimal impact on the resulting confidence interval. Similarly, the highest relative values for pH and TDS at downgradient well PZ-33 were also unflagged since downgradient observations have no bearing on resulting statistical limits for interwell prediction limits, which are constructed using pooled upgradient well data.

When any values are flagged in the database as outliers, the measurements are plotted in a disconnected and lighter symbol on the time series graph. The accompanying data pages display the flagged value in a lighter font as well.

Seasonality

No obvious seasonal patterns were observed on the time series plots for any of the detected data; therefore, no deseasonalizing adjustments were made to the data. When seasonal patterns are observed, data may be deseasonalized so that the resulting limits will correctly account for the seasonality as a predictable pattern rather than random variation or a release.

Trend Test Evaluation

While trends can be identified by visual inspection, a quantification of the trend and its statistical significance is needed. The Sen's Slope/Mann Kendall trend test was used to evaluate all data at each upgradient well to identify statistically significant increasing or decreasing trends. In the absence of suspected contamination, significant trending data are typically not included as part of the background data used for construction of prediction limits. This step serves to eliminate the trend and, thus, reduce variation in background. When statistically significant trends are present, all available data are evaluated to determine whether earlier concentration levels are significantly different than current reported concentrations and will be deselected as necessary. When any records of data are truncated for the reasons above, a summary report will be provided to show the date ranges used in construction of the statistical limits. The following statistically significant trends were identified at upgradient wells:

Appendix III
Increasing:
- Calcium: PZ-32

Decreasing:
- Chloride: PZ-31
- pH: PZ-2D
- Sulfate: PZ-2D and PZ-31

Appendix IV
Increasing:
- None

Decreasing:
- Barium: PZ-1D, PZ-2D, PZ-31, and PZ-32
- Chromium: PZ-1D

Although the results of the trend analyses showed statistically significant decreasing and increasing trends for the Appendix III and IV parameters; the magnitudes of the trends noted, particularly for Appendix IV parameters, were relatively low compared to average pooled upgradient concentrations, and overall upgradient concentrations were low relative to their respective MCLs. Therefore, no adjustments were made to the data sets at this time. If the observed decreasing or increasing trends persist over a longer time frame and influence resulting statistical limits, some records may require truncation.

Statistical Analysis of Appendix III Parameters – September 2025 Sample Event

All Appendix III parameters were analyzed using interwell prediction limits. As mentioned above, background (upgradient) well data were reassessed using time series for potential outliers during this analysis. No values were flagged as outliers. When values in background are flagged as outliers, the measurements may be seen in a lighter font and as a disconnected symbol on the time series graphs.

Interwell Prediction Limits

Interwell prediction limits, combined with a 1-of-2 resample plan, were constructed using all historical upgradient well data through September 2025 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The September 2025 sample from each downgradient well is compared to the background limit to determine whether initial exceedances are present.

In the event of an initial exceedance of compliance well data, the 1-of-2 resample plan allows for collection of one additional sample to determine whether the initial exceedance is confirmed. When a resample confirms the initial exceedance, a statistically significant increase 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 to be a false positive result, and, therefore, no exceedance is noted and no further action is necessary. If no resample is collected, the original result is considered a confirmed exceedance. A summary table of the interwell prediction limits follows this letter. The following interwell prediction limit exceedances were noted for the Appendix III parameters:

- Boron: PZ-7D, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and PZ-57
- Calcium: PZ-18, PZ-23A, and PZ-33
- Chloride: PZ-15 and PZ-16
- pH (lower limit): PZ-15, PZ-18, PZ-19, and PZ-23A

- Sulfate: PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and PZ-57
- TDS: PZ-7D, PZ-15, PZ-16, PZ-18, PZ-19, PZ-23A, PZ-33, and PZ-57

Note that the measurements for boron at wells PZ-14 and PZ-19 were reported as trace measurements (estimated measurements between the Method Detection Limit and the Practical Quantitation Limit) followed by a "J" flag due to laboratory dilution during this analysis. While the Sanitas software does not identify statistical exceedances of trace measurements (i.e., measurements flagged with "J"), the reported measurements of 0.03 mg/L and 0.35 mg/L exceeded the interwell prediction limit of 0.02656 mg/L.

Trend Test Evaluation – Appendix III

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure E). Upgradient wells 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. Both a summary and complete graphical results of the trend tests follow this report. Statistically significant trends were identified for the following downgradient and associated upgradient well/constituent pairs:

Increasing:

- Calcium: PZ-32 (upgradient) and PZ-18
- Sulfate: PZ-14
- TDS: PZ-18

Decreasing:

- Boron: PZ-7D, PZ-17, and PZ-25
- Calcium: PZ-33
- Chloride: PZ-31 (upgradient), PZ-15, and PZ-16
- pH: PZ-1D and PZ-2D (both upgradient)
- Sulfate: PZ-2D, PZ-31 (both upgradient), PZ-7D, PZ-16, PZ-17, PZ-19, PZ-25, PZ-33, and PZ-57
- TDS: PZ-7D and PZ-33

Statistical Analysis of Appendix IV Parameters – September 2025

For Appendix IV parameters, confidence intervals for each downgradient well/constituent were compared against corresponding GWPS. GWPS were developed as described below. Downgradient well/constituent pairs containing 100% non-detects do not require analysis. Data from all wells for Appendix IV parameters are reassessed for outliers during each analysis. No values were flagged as outliers.

Interwell Upper Tolerance Limits

Interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through September 2025 for each Appendix IV constituent (Figure F). Parametric limits are constructed when data follow a normal or transformed-normal distribution with a target of 95% confidence and 95% coverage, such as the case for barium and combined radium 226 + 228. When data contain greater than 50% non-detects or do not follow a normal or transformed-normal distribution, non-parametric tolerance limits were constructed using the highest background measurement.

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 each of the Appendix IV constituents using data through September 2025 in accordance with the state requirements in each downgradient well (Figure H). As mentioned above, well/constituent pairs containing 100% non-detects did not require analysis. All downgradient wells contained 100% non-detects for beryllium; therefore, this constituent was not analyzed with confidence intervals.

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, depending on the sample size, as interval limits, were constructed when data did not follow a normal or transformed-normal distribution or when there were greater than 50% non-detects. The lower confidence limit, which is constructed with 99% confidence for parametric confidence intervals, is compared to the GWPS prepared as described above. The achievable confidence level associated with nonparametric confidence intervals is dependent upon the number of samples available.

Only when the entire confidence interval is above a GWPS is the downgradient well/constituent pair considered to exceed its respective standard. If there is an exceedance of the GWPS, a statistically significant level (SSL) exceedance is identified. No exceedances were identified, and summaries and graphical results of the confidence intervals analyses follow this letter.

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. Although the trend tests for Assessment monitoring pairs were previously evaluated using 99% confidence, the 95% confidence level more rapidly identifies statistically significant trends. Additionally, the 95% confidence level is recommended in cases with limited sample sizes and, particularly, for new assessment wells. 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. Since no confidence interval exceedances were identified, no trend tests were required.

Summary

Observations from the September 2025 sample event at Mitchell Ash Pond were compared to established interwell prediction limits for all Appendix III constituents. Exceedances were identified for the following well/constituent pairs:

- Boron: PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and PZ-57
- Calcium: PZ-18, PZ-23A, and PZ-33
- Chloride: PZ-15 and PZ-16
- pH (lower limit): PZ-15, PZ-18, PZ-19, and PZ-23A
- Sulfate: PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and PZ-57
- TDS: PZ-7D, PZ-15, PZ-16, PZ-18, PZ-19, PZ-23A, PZ-33, and PZ-57

When confidence intervals were constructed on downgradient wells for Appendix IV constituents and compared to respective GWPS, no exceedances were identified.

Thank you for the opportunity to assist you in the statistical analysis of groundwater quality for Plant Mitchell Ash Pond. If you have any questions or comments, please feel free to contact us.

For Groundwater Stats Consulting,

Andrew T. Collins
Project Manager

Kristina L. Rayner
Senior Statistician

Table of Contents

Summary Tables

100% Non-Detects: Appendix IV Downgradient

Analysis Run 10/13/2025 8:51 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Antimony (mg/L)
PZ-57

Arsenic (mg/L)
PZ-18

Beryllium (mg/L)
PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, PZ-57

Cadmium (mg/L)
PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-25, PZ-57

Chromium (mg/L)
PZ-17, PZ-25

Cobalt (mg/L)
PZ-7D

Lead (mg/L)
PZ-17, PZ-57

Lithium (mg/L)
PZ-33

Mercury (mg/L)
PZ-57

Molybdenum (mg/L)
PZ-7D, PZ-18, PZ-33

Selenium (mg/L)
PZ-16, PZ-17, PZ-25, PZ-33

Thallium (mg/L)
PZ-57

Appendix III Interwell Prediction Limits - Significant Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	PZ-7D	0.02656	n/a	9/3/2025	0.17	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-15	0.02656	n/a	9/4/2025	0.18	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02656	n/a	9/3/2025	0.18	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-17	0.02656	n/a	9/4/2025	0.054	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02656	n/a	9/4/2025	0.34	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-23A	0.02656	n/a	9/4/2025	0.17	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02656	n/a	9/4/2025	0.17	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02656	n/a	9/5/2025	0.37	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-57	0.02656	n/a	9/5/2025	0.18	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-18	110.2	n/a	9/4/2025	127	Yes	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	110.2	n/a	9/4/2025	131	Yes	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-33	110.2	n/a	9/5/2025	114	Yes	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Chloride (mg/L)	PZ-15	5	n/a	9/4/2025	5.9	Yes	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-16	5	n/a	9/3/2025	5.7	Yes	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-15	9.71	6.96	9/4/2025	6.93	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-18	9.71	6.96	9/4/2025	6.81	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-19	9.71	6.96	9/3/2025	6.84	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-23A	9.71	6.96	9/4/2025	6.65	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-7D	5.788	n/a	9/3/2025	34.4	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-14	5.788	n/a	9/5/2025	16.7	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	5.788	n/a	9/4/2025	76.2	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	5.788	n/a	9/3/2025	34.9	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	5.788	n/a	9/4/2025	19.2	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	5.788	n/a	9/4/2025	89.6	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	5.788	n/a	9/3/2025	58.5	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	5.788	n/a	9/4/2025	53.6	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	5.788	n/a	9/4/2025	31.1	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	5.788	n/a	9/5/2025	32.5	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-57	5.788	n/a	9/5/2025	55.6	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-7D	309.5	n/a	9/3/2025	310	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-15	309.5	n/a	9/4/2025	335	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-16	309.5	n/a	9/3/2025	329	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-18	309.5	n/a	9/4/2025	465	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-19	309.5	n/a	9/3/2025	412	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-23A	309.5	n/a	9/4/2025	470	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-33	309.5	n/a	9/5/2025	338	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-57	309.5	n/a	9/5/2025	315	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**PZ-7D**	**0.02656**	**n/a**	**9/3/2025**	**0.17**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	PZ-14	0.02656	n/a	9/5/2025	0.03J	No	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	**PZ-15**	**0.02656**	**n/a**	**9/4/2025**	**0.18**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-16**	**0.02656**	**n/a**	**9/3/2025**	**0.18**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-17**	**0.02656**	**n/a**	**9/4/2025**	**0.054**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-18**	**0.02656**	**n/a**	**9/4/2025**	**0.34**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	PZ-19	0.02656	n/a	9/3/2025	0.35J	No	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	**PZ-23A**	**0.02656**	**n/a**	**9/4/2025**	**0.17**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-25**	**0.02656**	**n/a**	**9/4/2025**	**0.17**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-33**	**0.02656**	**n/a**	**9/5/2025**	**0.37**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-57**	**0.02656**	**n/a**	**9/5/2025**	**0.18**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-7D	110.2	n/a	9/3/2025	93.1	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-14	110.2	n/a	9/5/2025	99.4	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-15	110.2	n/a	9/4/2025	91.1	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-16	110.2	n/a	9/3/2025	93.2	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-17	110.2	n/a	9/4/2025	64.4	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	**PZ-18**	**110.2**	**n/a**	**9/4/2025**	**127**	**Yes**	**88**	**56.68**	**26.74**	**1.136**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-19	110.2	n/a	9/3/2025	100	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	**PZ-23A**	**110.2**	**n/a**	**9/4/2025**	**131**	**Yes**	**88**	**56.68**	**26.74**	**1.136**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-25	110.2	n/a	9/4/2025	80.8	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	**PZ-33**	**110.2**	**n/a**	**9/5/2025**	**114**	**Yes**	**88**	**56.68**	**26.74**	**1.136**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-57	110.2	n/a	9/5/2025	96	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Chloride (mg/L)	PZ-7D	5	n/a	9/3/2025	3.3	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-14	5	n/a	9/5/2025	4.3	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	**PZ-15**	**5**	**n/a**	**9/4/2025**	**5.9**	**Yes**	**88**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002482**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**PZ-16**	**5**	**n/a**	**9/3/2025**	**5.7**	**Yes**	**88**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002482**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	PZ-17	5	n/a	9/4/2025	1.5	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-18	5	n/a	9/4/2025	4.1	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-19	5	n/a	9/3/2025	2.6	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-23A	5	n/a	9/4/2025	3.7	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-25	5	n/a	9/4/2025	1.7	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-33	5	n/a	9/5/2025	3.2	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-57	5	n/a	9/5/2025	2.2	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-7D	0.29	n/a	9/3/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-14	0.29	n/a	9/5/2025	0.053J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-15	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-16	0.29	n/a	9/3/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-17	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-18	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-19	0.29	n/a	9/3/2025	0.058J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-23A	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-25	0.29	n/a	9/4/2025	0.098J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-33	0.29	n/a	9/5/2025	0.077J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-57	0.29	n/a	9/5/2025	0.073J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-7D	9.71	6.96	9/3/2025	7.01	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-14	9.71	6.96	9/5/2025	7.05	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	**PZ-15**	**9.71**	**6.96**	**9/4/2025**	**6.93**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	PZ-16	9.71	6.96	9/3/2025	6.97	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-17	9.71	6.96	9/4/2025	7.3	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	**PZ-18**	**9.71**	**6.96**	**9/4/2025**	**6.81**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**PZ-19**	**9.71**	**6.96**	**9/3/2025**	**6.84**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**PZ-23A**	**9.71**	**6.96**	**9/4/2025**	**6.65**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	PZ-25	9.71	6.96	9/4/2025	6.98	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-33	9.71	6.96	9/5/2025	6.96	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-57	9.71	6.96	9/5/2025	7.05	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**PZ-7D**	**5.788**	**n/a**	**9/3/2025**	**34.4**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-14**	**5.788**	**n/a**	**9/5/2025**	**16.7**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-15**	**5.788**	**n/a**	**9/4/2025**	**76.2**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-16**	**5.788**	**n/a**	**9/3/2025**	**34.9**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-17**	**5.788**	**n/a**	**9/4/2025**	**19.2**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-18**	**5.788**	**n/a**	**9/4/2025**	**89.6**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-19**	**5.788**	**n/a**	**9/3/2025**	**58.5**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-23A**	**5.788**	**n/a**	**9/4/2025**	**53.6**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-25**	**5.788**	**n/a**	**9/4/2025**	**31.1**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-33**	**5.788**	**n/a**	**9/5/2025**	**32.5**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-57**	**5.788**	**n/a**	**9/5/2025**	**55.6**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-7D**	**309.5**	**n/a**	**9/3/2025**	**310**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	PZ-14	309.5	n/a	9/5/2025	283	No	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	**PZ-15**	**309.5**	**n/a**	**9/4/2025**	**335**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-16**	**309.5**	**n/a**	**9/3/2025**	**329**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	PZ-17	309.5	n/a	9/4/2025	210	No	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	**PZ-18**	**309.5**	**n/a**	**9/4/2025**	**465**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-19**	**309.5**	**n/a**	**9/3/2025**	**412**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-23A**	**309.5**	**n/a**	**9/4/2025**	**470**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	PZ-25	309.5	n/a	9/4/2025	279	No	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	**PZ-33**	**309.5**	**n/a**	**9/5/2025**	**338**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-57**	**309.5**	**n/a**	**9/5/2025**	**315**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 2/9/2026, 9:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	PZ-7D	-0.02306	-176	-92	Yes	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-17	-0.02992	-143	-92	Yes	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-25	-0.005098	-118	-92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)	1.071	115	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-18	3.382	132	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-33	-3.615	-107	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-31 (bg)	-0.1851	-118	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-15	-0.2021	-147	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-16	-0.2531	-156	-92	Yes	22	0	n/a	0.01	NP
pH, Field (SU)	PZ-1D (bg)	-0.02022	-116	-105	Yes	24	0	n/a	0.01	NP
pH, Field (SU)	PZ-2D (bg)	-0.1785	-125	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-2D (bg)	-0.374	-129	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)	-0.4593	-160	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D	-2.715	-160	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-14	1.619	182	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-16	-1.866	-173	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-17	-9.253	-162	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-19	-2.084	-148	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-25	-1.962	-191	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-33	-9.897	-209	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-57	-11.83	-28	-21	Yes	8	0	n/a	0.01	NP
TDS (mg/L)	PZ-7D	-9.313	-123	-92	Yes	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-18	6.09	98	92	Yes	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-33	-19.3	-106	-92	Yes	22	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 2/9/2026, 9:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	PZ-1D (bg)	0.000371	36	92	No	22	9.091	n/a	0.01	NP
Boron (mg/L)	PZ-2D (bg)	-0.000466	-58	-92	No	22	4.545	n/a	0.01	NP
Boron (mg/L)	PZ-31 (bg)	0	-1	-92	No	22	27.27	n/a	0.01	NP
Boron (mg/L)	PZ-32 (bg)	0	4	92	No	22	9.091	n/a	0.01	NP
Boron (mg/L)	**PZ-7D**	**-0.02306**	**-176**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	PZ-14	0.0007542	88	92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-15	-0.002594	-67	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-16	0	-18	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	**PZ-17**	**-0.02992**	**-143**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	PZ-18	0	17	92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-19	-0.02252	-83	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-23A	-0.002863	-66	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	**PZ-25**	**-0.005098**	**-118**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	PZ-33	-0.006594	-78	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-57	0	-2	-21	No	8	0	n/a	0.01	NP
Calcium (mg/L)	PZ-1D (bg)	0.6093	53	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-2D (bg)	-0.2162	-9	-92	No	22	4.545	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)	0.9783	67	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	**PZ-32 (bg)**	**1.071**	**115**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**PZ-18**	**3.382**	**132**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	PZ-23A	0	2	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	**PZ-33**	**-3.615**	**-107**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	PZ-1D (bg)	-0.03629	-58	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-2D (bg)	-0.0162	-41	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	**PZ-31 (bg)**	**-0.1851**	**-118**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	PZ-32 (bg)	-0.08075	-91	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	**PZ-15**	**-0.2021**	**-147**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**PZ-16**	**-0.2531**	**-156**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**PZ-1D (bg)**	**-0.02022**	**-116**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**PZ-2D (bg)**	**-0.1785**	**-125**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	PZ-31 (bg)	-0.003936	-18	-111	No	25	0	n/a	0.01	NP
pH, Field (SU)	PZ-32 (bg)	0	-5	-118	No	26	0	n/a	0.01	NP
pH, Field (SU)	PZ-15	-0.00317	-17	-105	No	24	0	n/a	0.01	NP
pH, Field (SU)	PZ-18	-0.01007	-56	-111	No	25	0	n/a	0.01	NP
pH, Field (SU)	PZ-19	0.01176	59	111	No	25	0	n/a	0.01	NP
pH, Field (SU)	PZ-23A	0.002928	28	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-1D (bg)	-0.03498	-51	-92	No	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	**PZ-2D (bg)**	**-0.374**	**-129**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-31 (bg)**	**-0.4593**	**-160**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-32 (bg)	-0.04462	-83	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-7D**	**-2.715**	**-160**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-14**	**1.619**	**182**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-15	-0.3445	-15	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-16**	**-1.866**	**-173**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-17**	**-9.253**	**-162**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-18	-0.6222	-59	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-19**	**-2.084**	**-148**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-23A	1.809	79	92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-25**	**-1.962**	**-191**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-33**	**-9.897**	**-209**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-57**	**-11.83**	**-28**	**-21**	**Yes**	**8**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-1D (bg)	2.317	58	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-2D (bg)	-1.035	-13	-98	No	23	0	n/a	0.01	NP
TDS (mg/L)	PZ-31 (bg)	0.1792	8	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-32 (bg)	3.51	98	98	No	23	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 2/9/2026, 9:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
TDS (mg/L)	**PZ-7D**	**-9.313**	**-123**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-15	3.054	64	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-16	5.696	84	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	**PZ-18**	**6.09**	**98**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-19	-4.361	-33	-92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-23A	3.901	90	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	**PZ-33**	**-19.3**	**-106**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-57	-15.58	-14	-21	No	8	0	n/a	0.01	NP

Upper Tolerance Limits Summary Table

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:15 PM

Constituent	Upper Lim.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0042	n/a	92	n/a	n/a	59.78	n/a	n/a	0.008924	NP Inter(NDs)
Arsenic (mg/L)	0.0022	n/a	84	n/a	n/a	88.1	n/a	n/a	0.01345	NP Inter(NDs)
Barium (mg/L)	0.04159	n/a	92	-4.506	0.6838	1.087	None	ln(x)	0.05	Inter
Beryllium (mg/L)	0.0004	n/a	76	n/a	n/a	97.37	n/a	n/a	0.02028	NP Inter(NDs)
Cadmium (mg/L)	0.0005	n/a	76	n/a	n/a	98.68	n/a	n/a	0.02028	NP Inter(NDs)
Chromium (mg/L)	0.011	n/a	92	n/a	n/a	29.35	n/a	n/a	0.008924	NP Inter(normality)
Cobalt (mg/L)	0.005	n/a	92	n/a	n/a	96.74	n/a	n/a	0.008924	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.528	n/a	92	0.7037	0.2746	0	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	0.29	n/a	96	n/a	n/a	50	n/a	n/a	0.007269	NP Inter(normality)
Lead (mg/L)	0.001	n/a	92	n/a	n/a	83.7	n/a	n/a	0.008924	NP Inter(NDs)
Lithium (mg/L)	0.0025	n/a	92	n/a	n/a	78.26	n/a	n/a	0.008924	NP Inter(NDs)
Mercury (mg/L)	0.0002	n/a	84	n/a	n/a	92.86	n/a	n/a	0.01345	NP Inter(NDs)
Molybdenum (mg/L)	0.01	n/a	92	n/a	n/a	79.35	n/a	n/a	0.008924	NP Inter(NDs)
Selenium (mg/L)	0.005	n/a	92	n/a	n/a	100	n/a	n/a	0.008924	NP Inter(NDs)
Thallium (mg/L)	0.0005	n/a	92	n/a	n/a	91.3	n/a	n/a	0.008924	NP Inter(NDs)

PLANT MITCHELL ASH POND GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0042	0.006
Arsenic, Total (mg/L)	0.01		0.0022	0.01
Barium, Total (mg/L)	2		0.042	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		0.011	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.005	0.006
Combined Radium, Total (pCi/L)	5		1.53	5
Fluoride, Total (mg/L)	4		0.29	4
Lead, Total (mg/L)	n/a	0.015	0.001	0.015
Lithium, Total (mg/L)	n/a	0.04	0.0025	0.04
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

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

**GWPS = Groundwater Protection Standard*

Appendix IV Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/13/2025, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	PZ-7D	0.002	0.00089	0.006	No	23	0.001735	0.0005991	82.61	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-14	0.002	0.0004	0.006	No	23	0.00186	0.0004624	91.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-15	0.002	0.001	0.006	No	23	0.001897	0.0003476	91.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-16	0.002	0.00037	0.006	No	23	0.001929	0.0003399	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-17	0.002	0.00094	0.006	No	23	0.001777	0.0005021	82.61	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-18	0.004	0.0018	0.006	No	23	0.001985	0.0005558	82.61	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-19	0.002	0.00044	0.006	No	23	0.001932	0.0003253	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-23A	0.002	0.0017	0.006	No	23	0.001853	0.0004433	86.96	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-25	0.002	0.0014	0.006	No	23	0.001974	0.0001251	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-33	0.002	0.00082	0.006	No	23	0.001878	0.0004104	91.3	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-7D	0.002	0.0012	0.01	No	21	0.001962	0.0001746	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-14	0.002	0.00083	0.01	No	21	0.001944	0.0002553	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-15	0.002	0.0011	0.01	No	21	0.001838	0.0004152	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-16	0.002	0.00036	0.01	No	21	0.001922	0.0003579	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-17	0.002	0.00072	0.01	No	21	0.001815	0.0004638	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-19	0.002	0.0007	0.01	No	21	0.001938	0.0002837	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-23A	0.002	0.00089	0.01	No	21	0.001869	0.000422	90.48	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-25	0.002	0.0017	0.01	No	21	0.001811	0.0004407	80.95	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-33	0.002	0.0013	0.01	No	21	0.001854	0.000378	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-57	0.002	0.00086	0.01	No	8	0.001858	0.0004031	87.5	None	No	0.004	NP (NDs)
Barium (mg/L)	PZ-7D	0.0091	0.006	2	No	23	0.007626	0.002168	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-14	0.02513	0.01503	2	No	23	0.02126	0.01225	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	PZ-15	0.059	0.048	2	No	23	0.0567	0.01336	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-16	0.043	0.034	2	No	23	0.04087	0.01144	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-17	0.07511	0.06231	2	No	23	0.06871	0.01224	0	None	No	0.01	Param.
Barium (mg/L)	PZ-18	0.0273	0.023	2	No	23	0.02857	0.01123	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-19	0.05629	0.05031	2	No	23	0.0533	0.005717	0	None	No	0.01	Param.
Barium (mg/L)	PZ-23A	0.0463	0.03666	2	No	23	0.04183	0.009704	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	PZ-25	0.11	0.1	2	No	23	0.106	0.008033	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-33	0.072	0.041	2	No	23	0.06009	0.02671	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-57	0.14	0.048	2	No	8	0.06625	0.03051	0	None	No	0.004	NP (normality)
Cadmium (mg/L)	PZ-23A	0.0005	0.0002	0.005	No	19	0.0004684	0.00009459	89.47	None	No	0.01	NP (NDs)
Cadmium (mg/L)	PZ-33	0.0005	0.0001	0.005	No	19	0.0004789	0.00009177	94.74	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-7D	0.00198	0.0009436	0.1	No	23	0.003726	0.003482	21.74	Kaplan-Meier	ln(x)	0.01	Param.
Chromium (mg/L)	PZ-14	0.005	0.0013	0.1	No	23	0.00309	0.001888	47.83	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-15	0.005	0.00048	0.1	No	23	0.004803	0.0009425	95.65	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-16	0.005	0.0011	0.1	No	23	0.003111	0.002025	52.17	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-18	0.005	0.00081	0.1	No	23	0.004625	0.001244	91.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-19	0.005	0.0019	0.1	No	23	0.00468	0.001076	91.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-23A	0.002093	0.001377	0.1	No	23	0.002578	0.001326	17.39	Kaplan-Meier	x^(1/3)	0.01	Param.
Chromium (mg/L)	PZ-33	0.005	0.0017	0.1	No	23	0.004857	0.0006881	95.65	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-57	0.005772	0.001853	0.1	No	8	0.004575	0.001686	37.5	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	PZ-14	0.005	0.002	0.006	No	23	0.004665	0.001138	91.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-15	0.005	0.0012	0.006	No	23	0.004043	0.001861	78.26	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-16	0.005	0.0005	0.006	No	23	0.004804	0.0009383	95.65	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-17	0.005	0.0011	0.006	No	23	0.003853	0.001978	73.91	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-18	0.005	0.0011	0.006	No	23	0.00483	0.0008132	95.65	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-19	0.005	0.0012	0.006	No	23	0.004657	0.001139	91.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-23A	0.005	0.0008	0.006	No	23	0.004037	0.001871	78.26	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-25	0.001814	0.00126	0.006	No	23	0.001537	0.0005305	8.696	None	No	0.01	Param.
Cobalt (mg/L)	PZ-33	0.005	0.0041	0.006	No	23	0.004036	0.001787	73.91	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-57	0.005	0.00051	0.006	No	8	0.003876	0.001889	62.5	None	No	0.004	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	PZ-7D	0.6312	0.3268	5	No	23	0.479	0.291	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-14	0.7786	0.317	5	No	23	0.6114	0.5068	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-15	1.035	0.7432	5	No	23	0.9249	0.3465	0	None	ln(x)	0.01	Param.

Appendix IV Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/13/2025, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	PZ-16	0.7797	0.4578	5	No	23	0.6187	0.3077	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17	1.006	0.594	5	No	23	0.8002	0.3942	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-18	0.9373	0.4433	5	No	23	0.6903	0.4723	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-19	1.192	0.7366	5	No	23	0.9645	0.4356	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-23A	1.175	0.6494	5	No	23	0.9121	0.5023	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-25	1.08	0.7183	5	No	23	0.8992	0.3459	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-33	0.8781	0.5349	5	No	23	0.7065	0.3281	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-57	0.9101	0.3109	5	No	8	0.6105	0.2826	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-7D	0.1	0.09	4	No	24	0.08967	0.02749	70.83	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-14	0.1	0.07	4	No	24	0.09	0.02298	66.67	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-15	0.09948	0.06299	4	No	24	0.09829	0.04166	37.5	Kaplan-Meier	x^(1/3)	0.01	Param.
Fluoride (mg/L)	PZ-16	0.1	0.058	4	No	24	0.08642	0.02251	66.67	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-17	0.108	0.061	4	No	24	0.1098	0.05524	37.5	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-18	0.12	0.086	4	No	24	0.09963	0.02908	66.67	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-19	0.14	0.064	4	No	24	0.103	0.06698	8.333	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-23A	0.1	0.066	4	No	24	0.09592	0.04913	45.83	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-25	0.2031	0.1384	4	No	24	0.1749	0.06906	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-33	0.15	0.077	4	No	24	0.09967	0.03644	54.17	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-57	0.0805	0.06317	4	No	8	0.07888	0.01508	25	Kaplan-Meier	No	0.01	Param.
Lead (mg/L)	PZ-7D	0.001	0.000041	0.015	No	23	0.0009583	0.0002	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-14	0.001	0.000064	0.015	No	23	0.0009593	0.0001952	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-15	0.001	0.00005	0.015	No	23	0.0009587	0.0001981	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-16	0.001	0.000081	0.015	No	23	0.00096	0.0001916	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-18	0.001	0.00043	0.015	No	23	0.0009336	0.0002278	91.3	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-19	0.001	0.000042	0.015	No	23	0.0009583	0.0001998	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-23A	0.001	0.00015	0.015	No	23	0.0008807	0.0003155	86.96	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-25	0.001	0.00041	0.015	No	23	0.0009743	0.000123	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-33	0.001	0.00009	0.015	No	23	0.000919	0.0002684	91.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-7D	0.0033	0.0023	0.04	No	23	0.008104	0.02549	4.348	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-14	0.03	0.003	0.04	No	23	0.02629	0.009795	86.96	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-15	0.03	0.00121	0.04	No	23	0.01002	0.01351	30.43	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-16	0.03	0.0013	0.04	No	23	0.02747	0.008367	91.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-17	0.0029	0.0018	0.04	No	23	0.006951	0.01083	17.39	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-18	0.0041	0.0026	0.04	No	23	0.005033	0.006367	8.696	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-19	0.01397	0.01117	0.04	No	23	0.01257	0.002672	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-23A	0.03	0.0011	0.04	No	23	0.01992	0.01411	65.22	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-25	0.006971	0.005848	0.04	No	23	0.00641	0.001074	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-57	0.03	0.000708	0.04	No	8	0.008312	0.01339	25	None	No	0.004	NP (normality)
Mercury (mg/L)	PZ-7D	0.0002	0.00006	0.002	No	21	0.0001863	0.00004318	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-14	0.0002	0.00015	0.002	No	21	0.0001914	0.00002988	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-15	0.0002	0.000097	0.002	No	21	0.0001951	0.00002248	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-16	0.0002	0.000068	0.002	No	21	0.0001937	0.0000288	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-17	0.0002	0.000086	0.002	No	21	0.0001946	0.00002488	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-18	0.0002	0.000057	0.002	No	21	0.0001932	0.00003121	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-19	0.0002	0.0001	0.002	No	21	0.0001879	0.00003932	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-23A	0.0002	0.00017	0.002	No	21	0.0001933	0.00002456	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-25	0.0002	0.00018	0.002	No	22	0.0001924	0.00003143	90.91	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-33	0.0002	0.00011	0.002	No	21	0.0001807	0.00005009	85.71	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-14	0.01	0.0005	0.1	No	23	0.009587	0.001981	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-15	0.01	0.0004	0.1	No	23	0.009583	0.002002	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-16	0.01	0.0004	0.1	No	23	0.009583	0.002002	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-17	0.01	0.0004	0.1	No	23	0.009583	0.002002	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-19	0.0024	0.002	0.1	No	23	0.0024	0.0008676	8.696	None	No	0.01	NP (normality)
Molybdenum (mg/L)	PZ-23A	0.01	0.0011	0.1	No	23	0.009204	0.002637	91.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-25	0.01	0.0014	0.1	No	23	0.009235	0.002536	91.3	None	No	0.01	NP (NDs)

Appendix IV Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/13/2025, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	PZ-57	0.01	0.00085	0.1	No	8	0.008856	0.003235	87.5	None	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-7D	0.005	0.0017	0.05	No	23	0.003535	0.001716	56.52	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-14	0.005	0.0015	0.05	No	23	0.004683	0.001053	91.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-15	0.005	0.0018	0.05	No	23	0.004861	0.0006672	95.65	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-18	0.005	0.0014	0.05	No	23	0.004843	0.0007507	95.65	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-19	0.01	0.0031	0.05	No	23	0.00563	0.003409	34.78	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-23A	0.01	0.0019	0.05	No	23	0.004552	0.003703	30.43	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-57	0.005	0.001	0.05	No	8	0.0045	0.001414	87.5	None	No	0.004	NP (NDs)
Thallium (mg/L)	PZ-7D	0.0005	0.0002	0.002	No	23	0.0003978	0.0001773	73.91	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-14	0.0005	0.00006	0.002	No	23	0.0004809	0.00009175	95.65	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-15	0.001	0.00022	0.002	No	23	0.0007213	0.0003909	65.22	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-16	0.0005	0.0002	0.002	No	23	0.0003939	0.0001677	69.57	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-17	0.001	0.00025	0.002	No	23	0.0005991	0.0003649	43.48	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-18	0.001	0.00017	0.002	No	23	0.0008	0.0003885	78.26	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-19	0.0006221	0.0004822	0.002	No	23	0.0005522	0.0001337	4.348	None	No	0.01	Param.
Thallium (mg/L)	PZ-23A	0.001	0.00017	0.002	No	23	0.0006109	0.0004172	52.17	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-25	0.001	0.00039	0.002	No	23	0.000677	0.0002802	34.78	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-33	0.0005	0.00018	0.002	No	23	0.0004043	0.0001656	73.91	None	No	0.01	NP (NDs)

FIGURE A.

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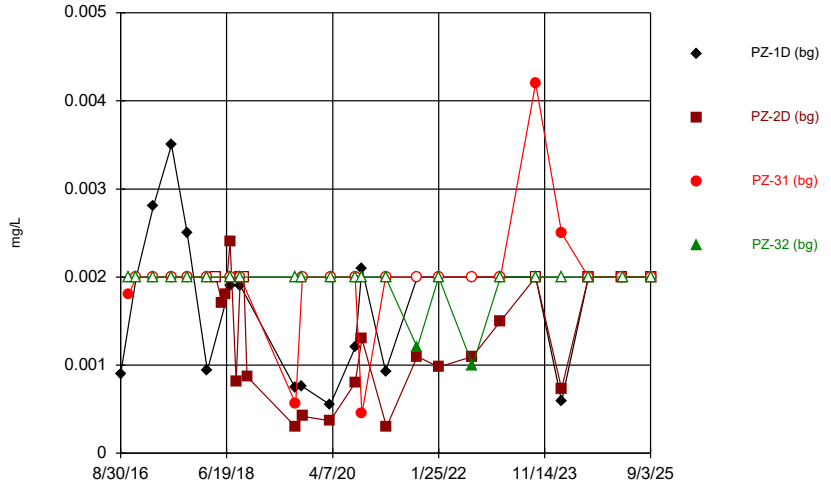
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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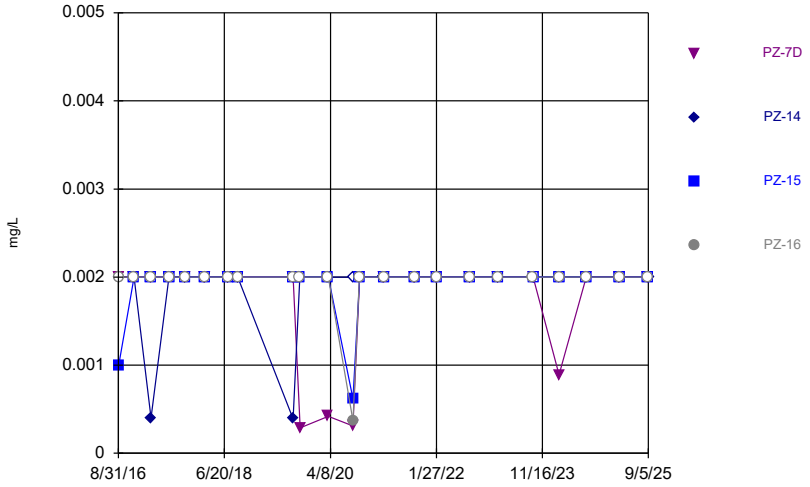

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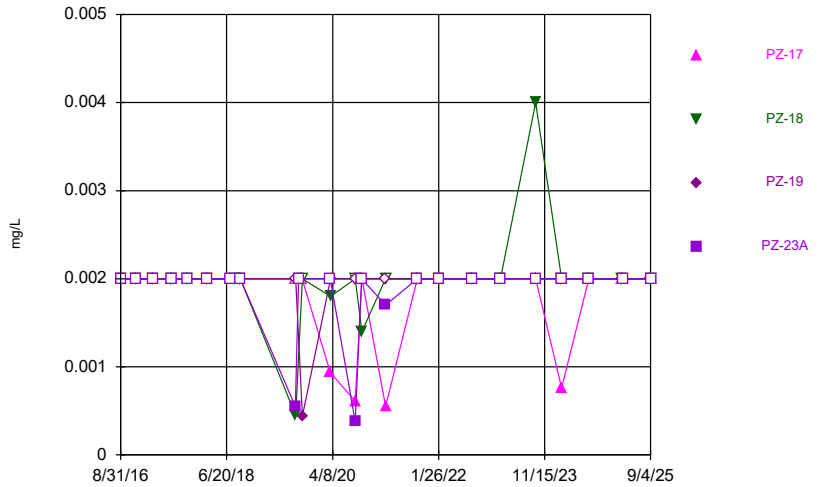

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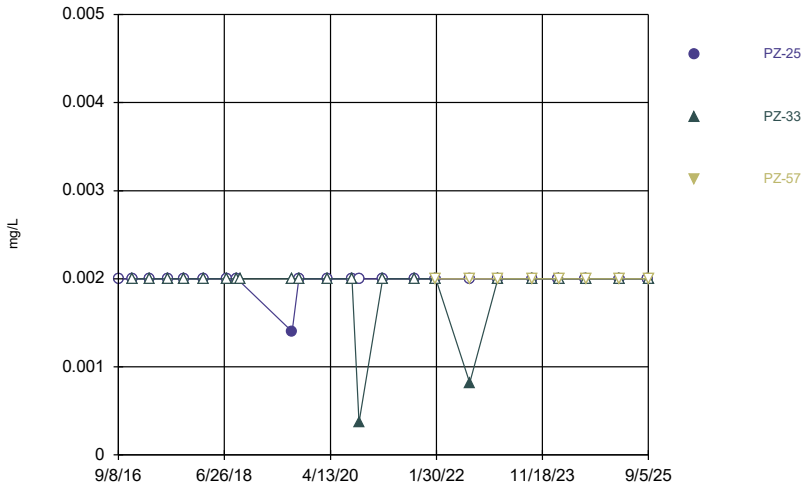

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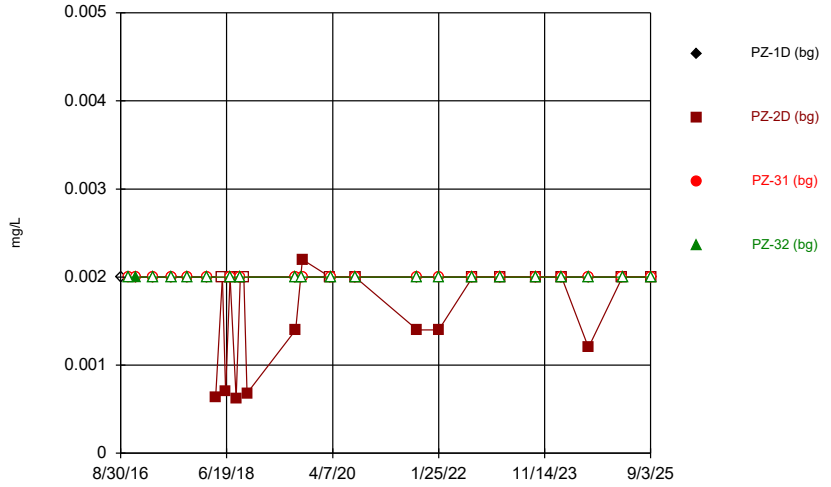

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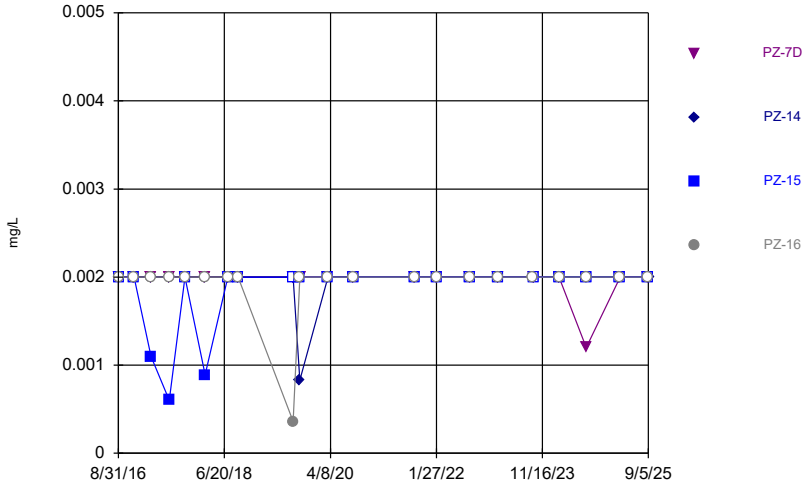
Time Series



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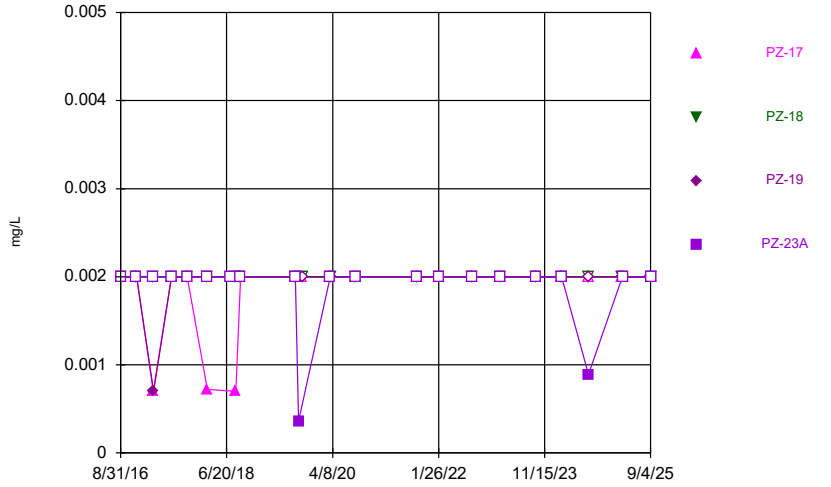

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Plant Mitchell Client: Southern Company Data: Mitchell AP

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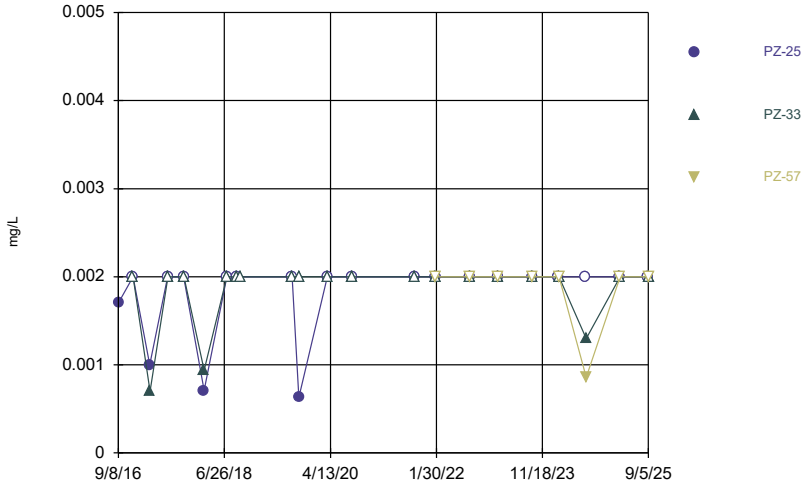
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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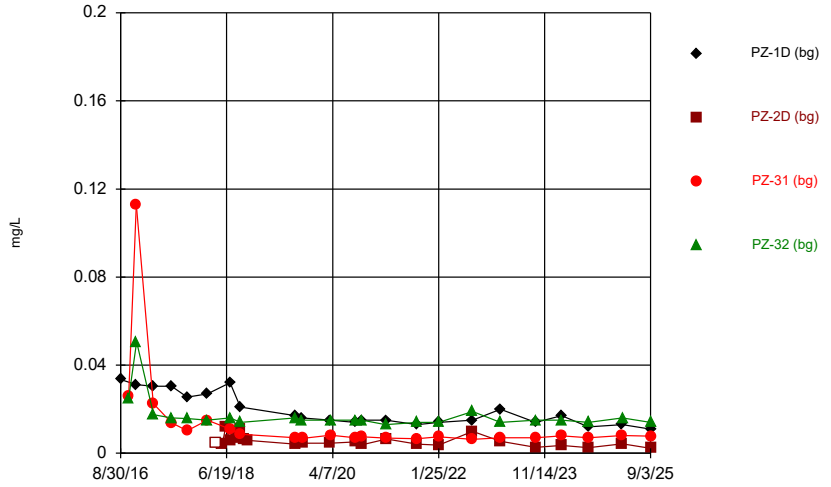
Hollow symbols indicate censored values.

Time Series



Constituent: Barium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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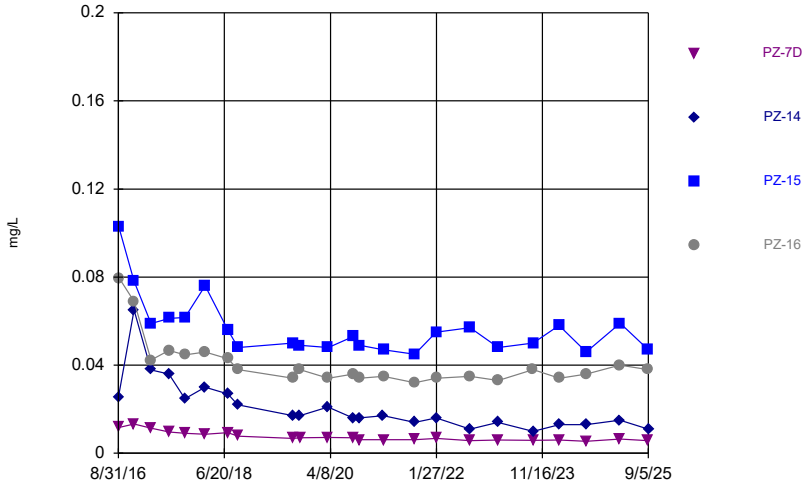
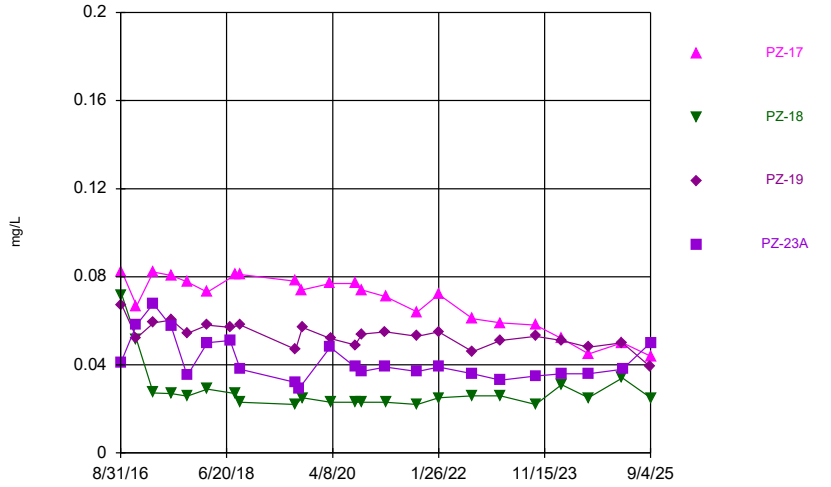
Time Series



Constituent: Barium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Time Series



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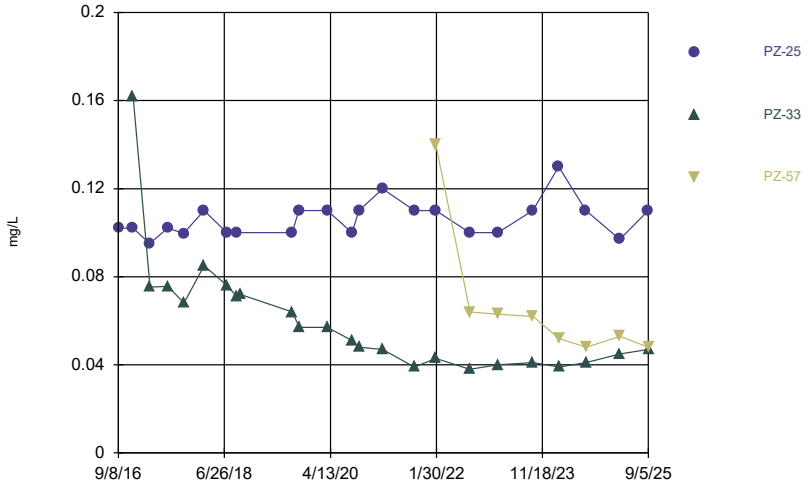
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

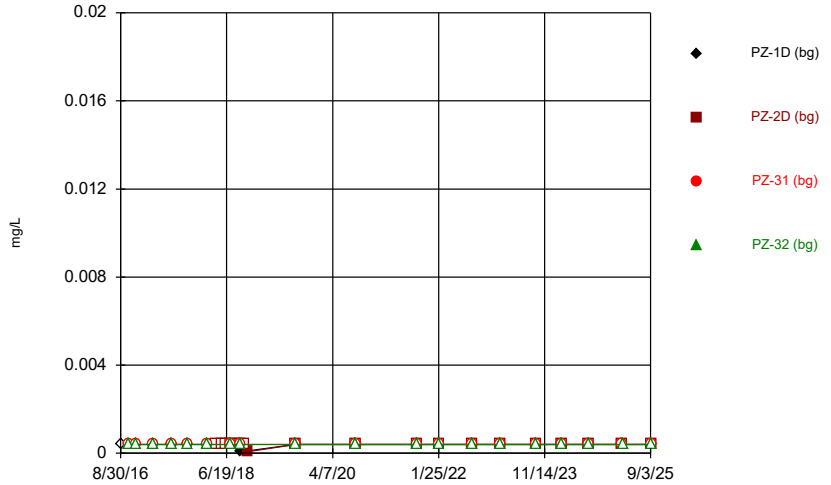
Time Series



Constituent: Barium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

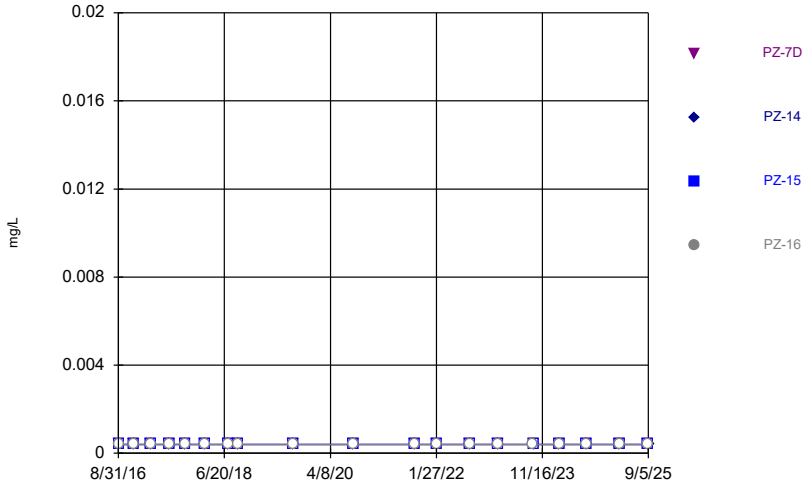
Time Series



Constituent: Beryllium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

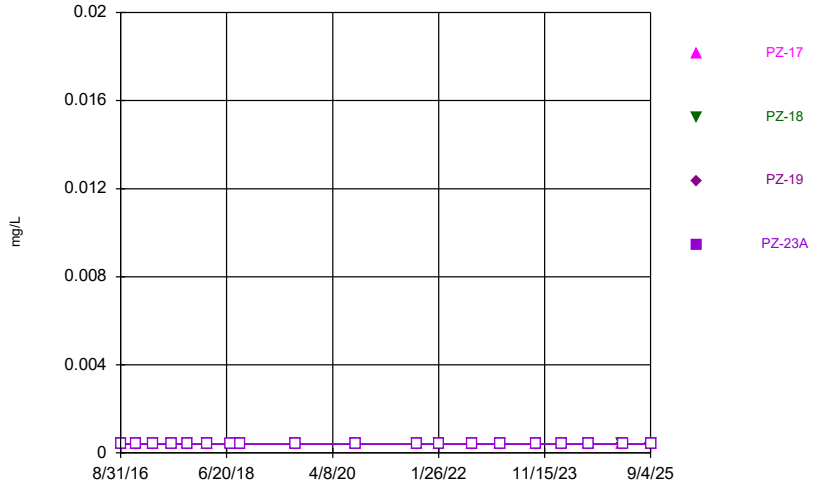
Time Series



Constituent: Beryllium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

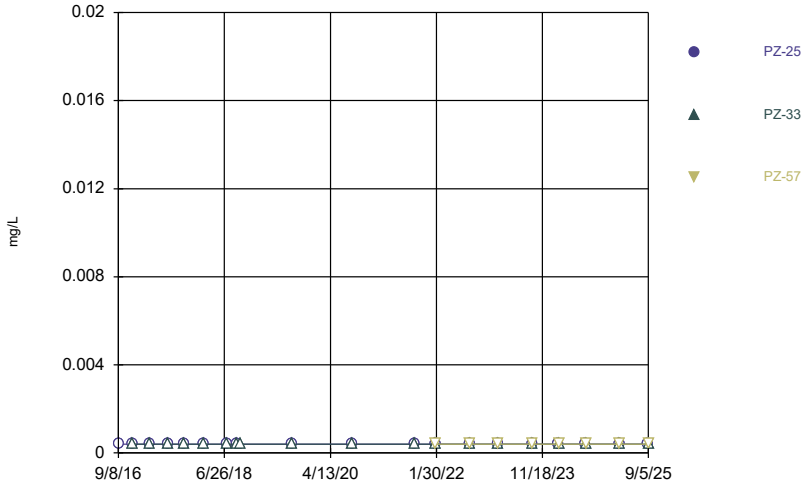
Time Series



Constituent: Beryllium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

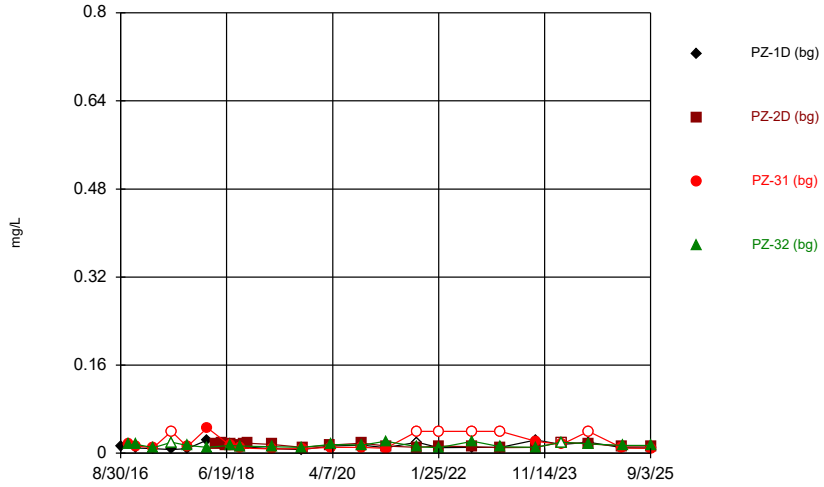
Time Series



Constituent: Beryllium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

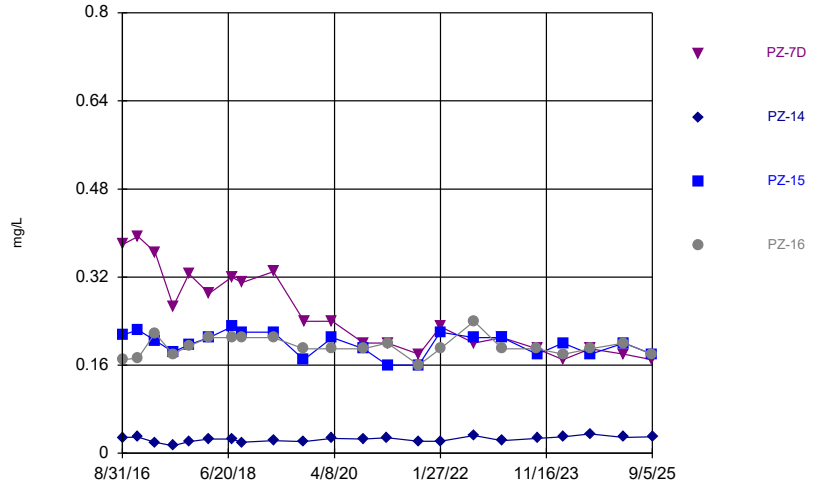
Time Series



Constituent: Boron Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

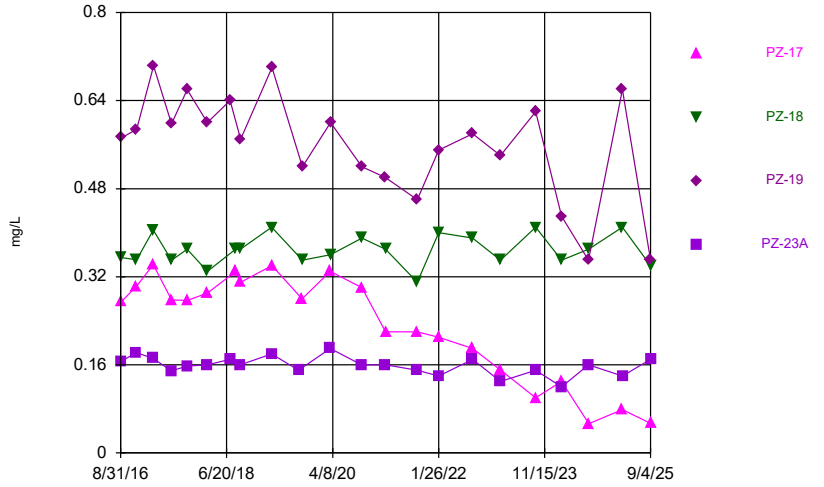
Time Series



Constituent: Boron Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

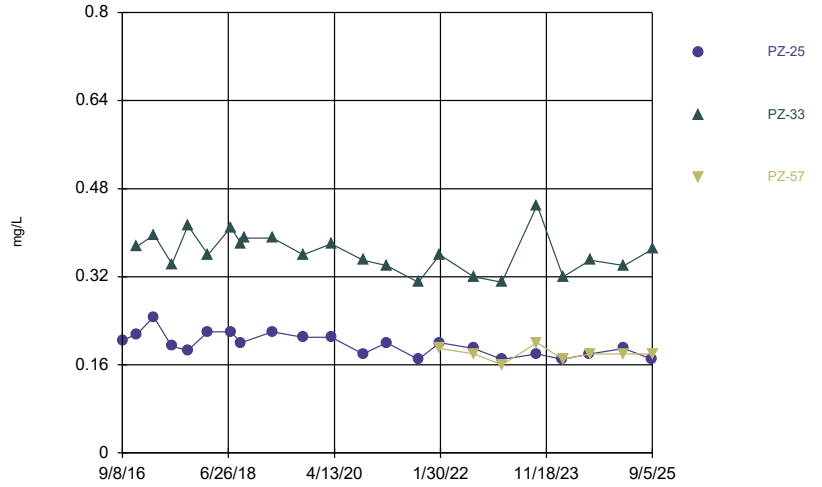
Time Series



Constituent: Boron Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

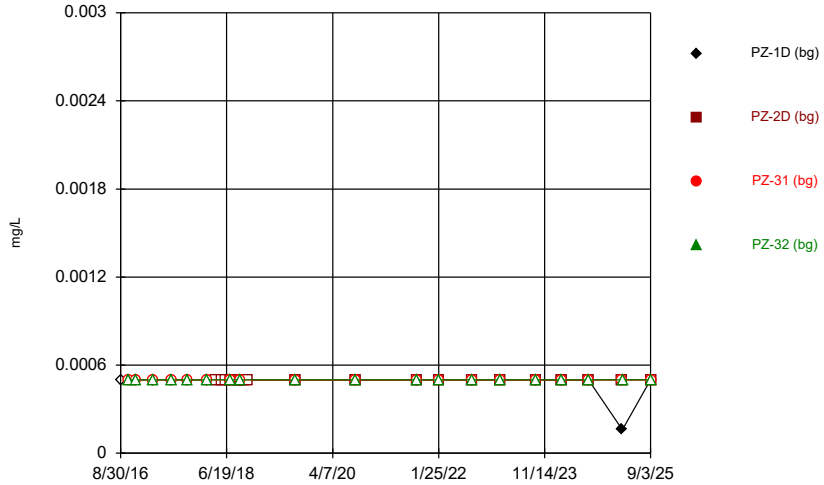
Time Series



Constituent: Boron Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

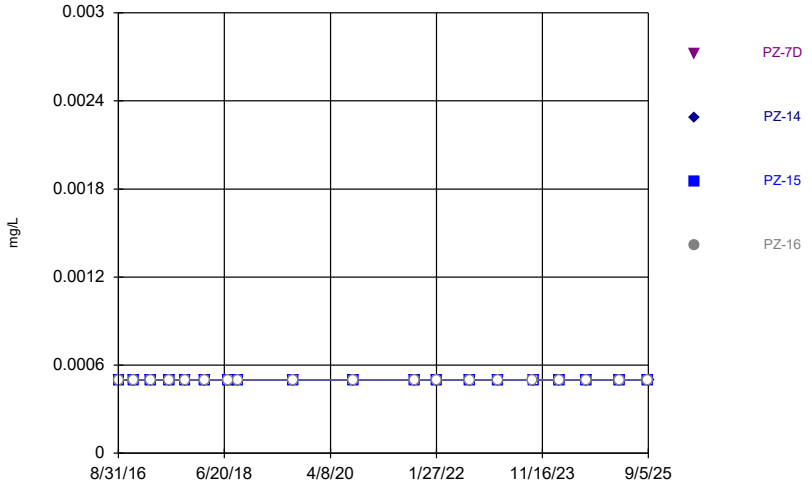
Time Series



Constituent: Cadmium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

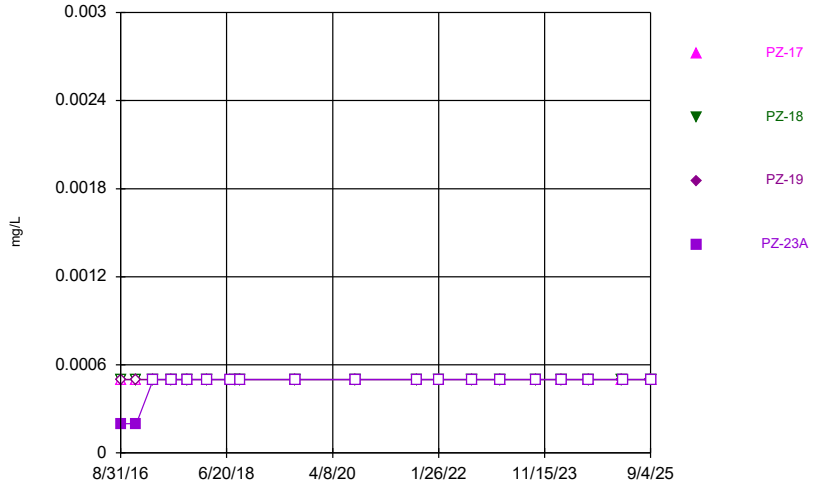
Time Series



Constituent: Cadmium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

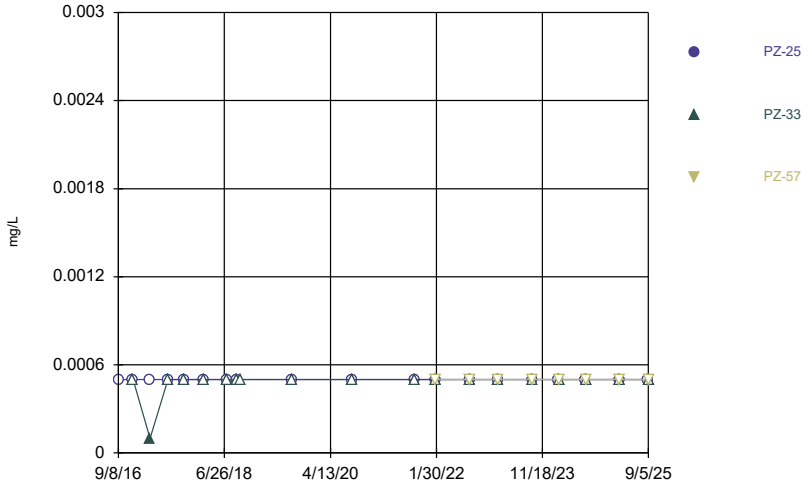
Time Series



Constituent: Cadmium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

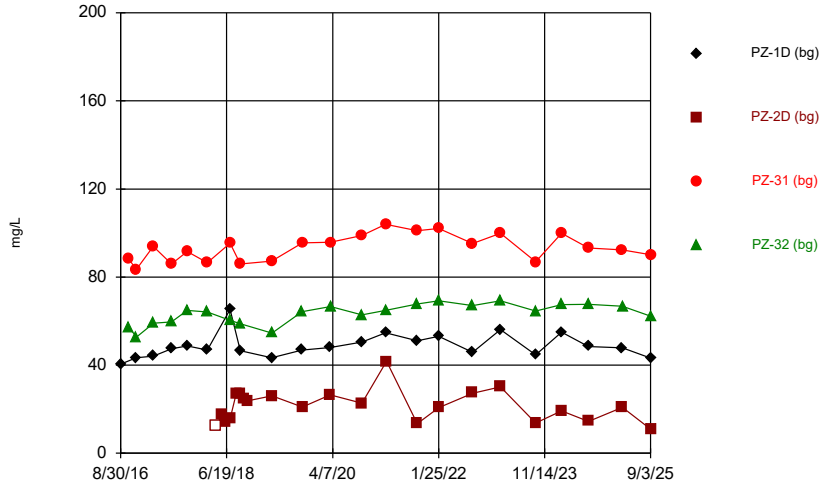
Time Series



Constituent: Cadmium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

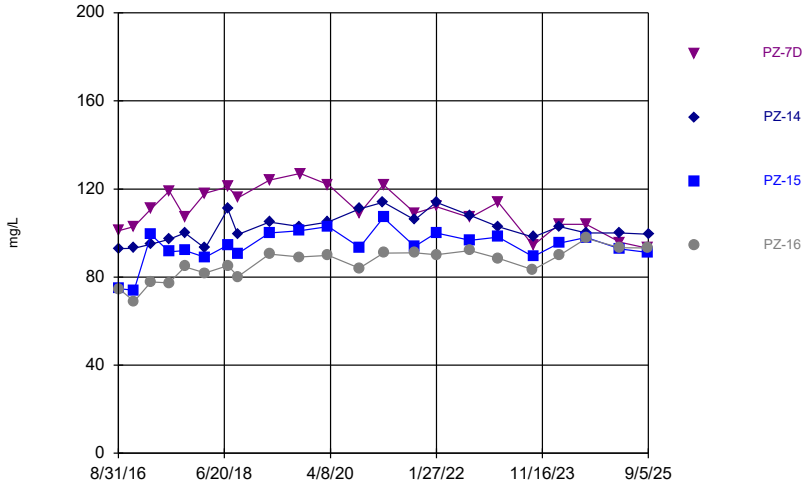
Hollow symbols indicate censored values.

Time Series



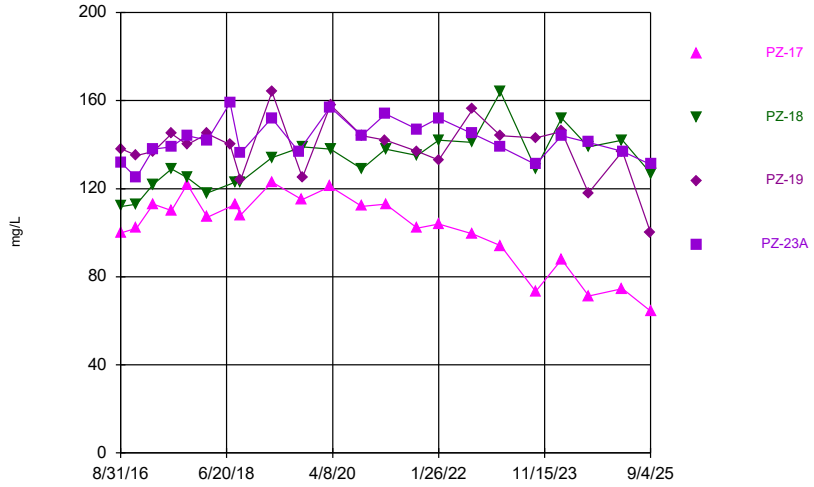
Constituent: Calcium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Time Series



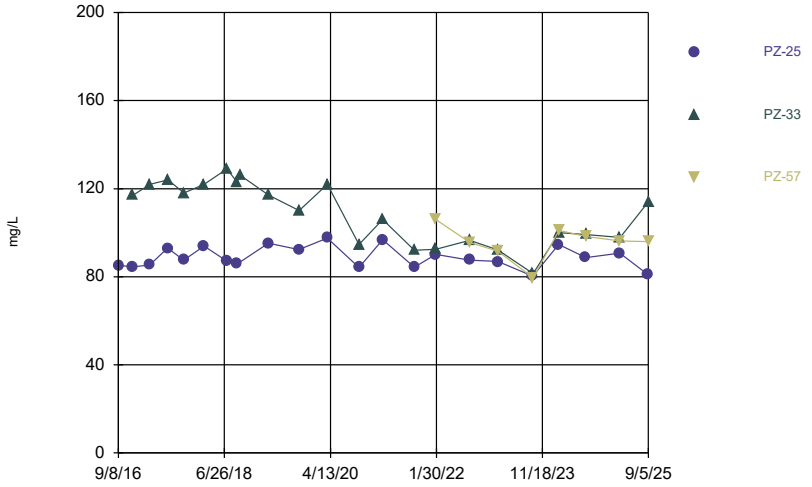
Constituent: Calcium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Time Series



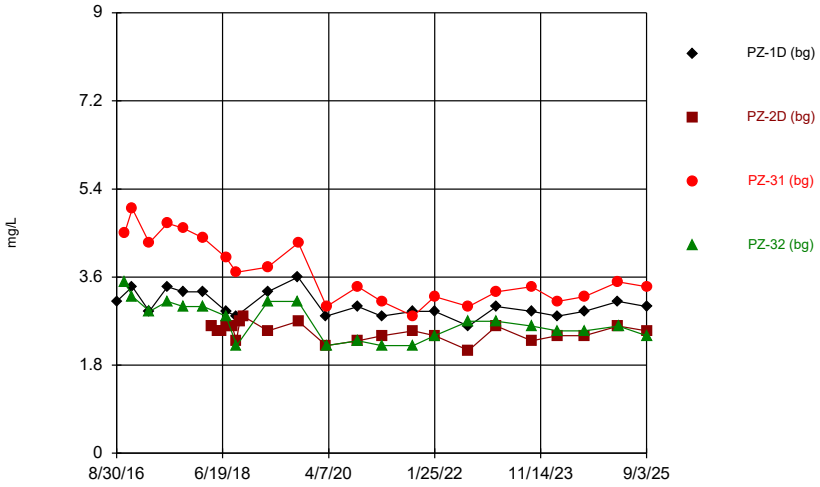
Constituent: Calcium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Time Series



Constituent: Calcium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Time Series



Constituent: Chloride Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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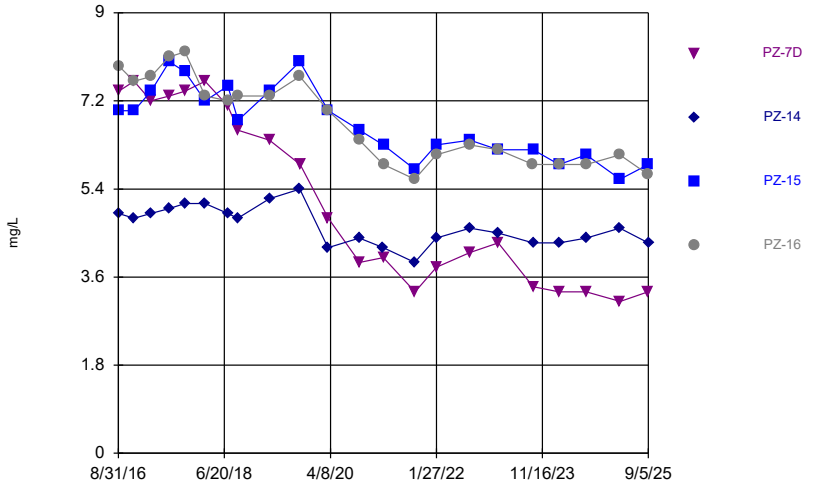
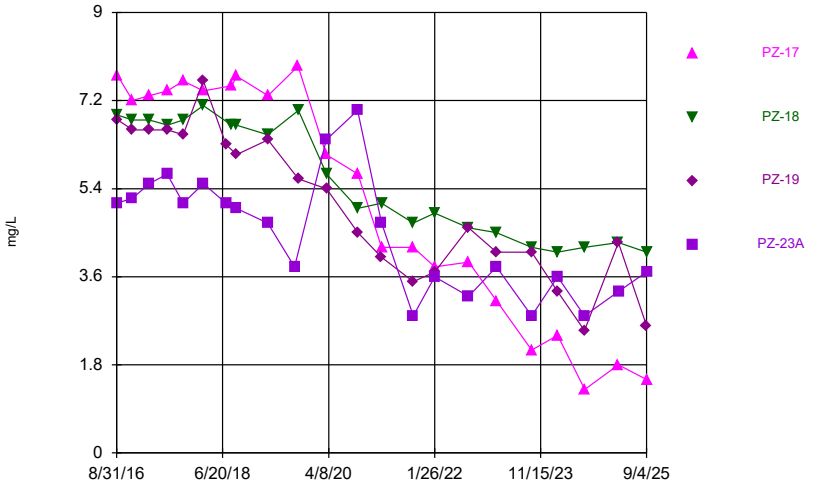
Time Series



Constituent: Chloride Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

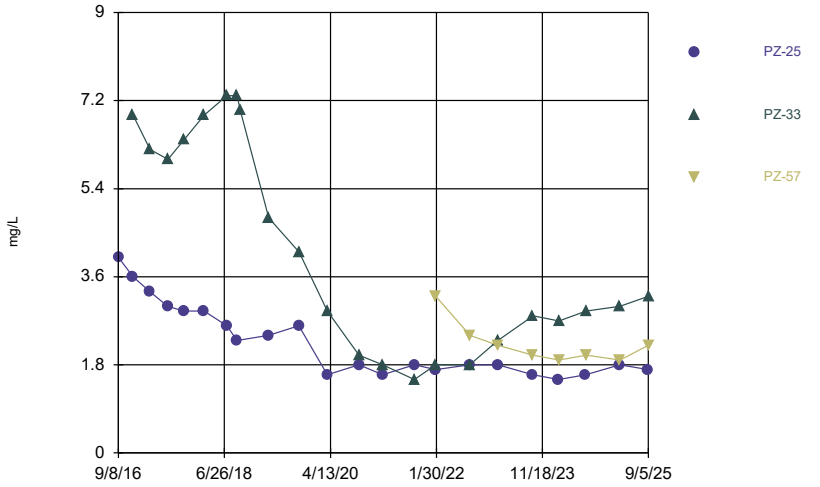
Time Series



Constituent: Chloride Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

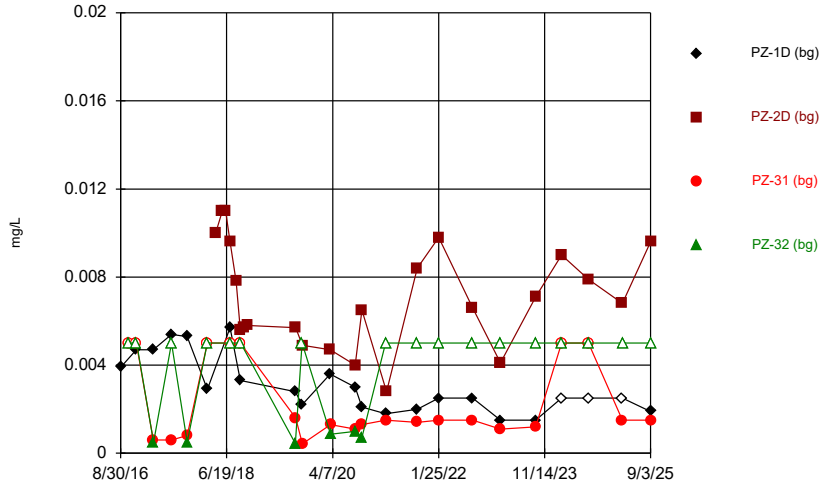
Time Series



Constituent: Chloride Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

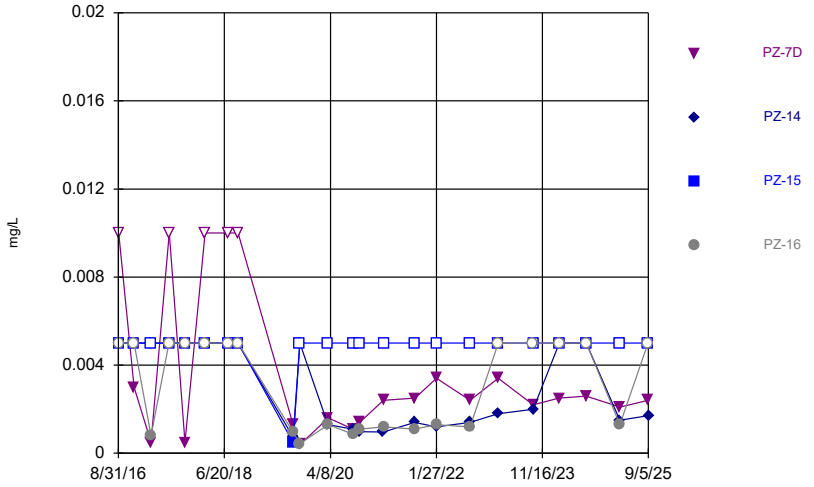
Time Series



Constituent: Chromium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

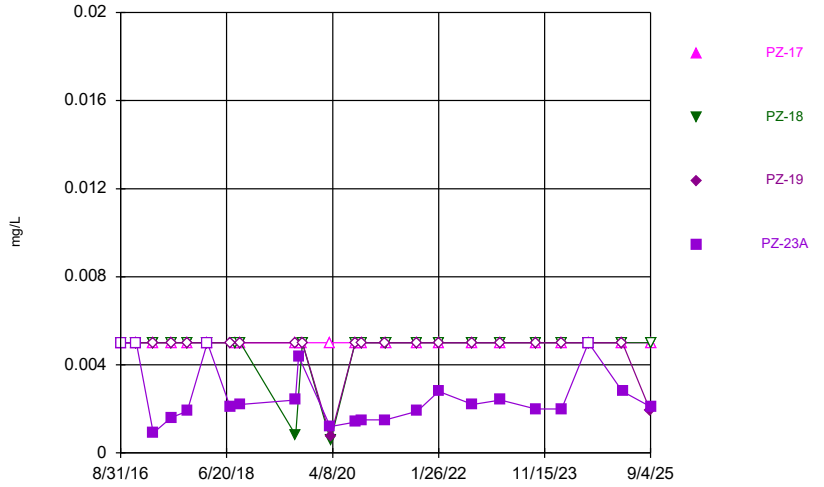
Time Series



Constituent: Chromium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

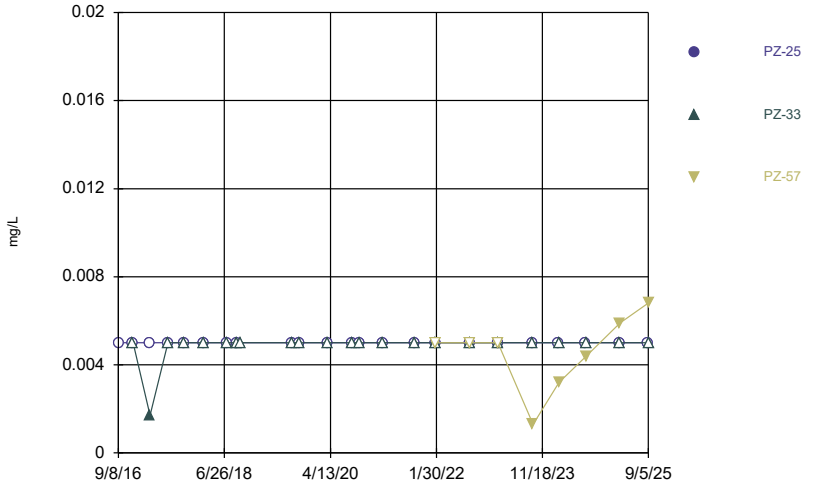
Time Series



Constituent: Chromium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

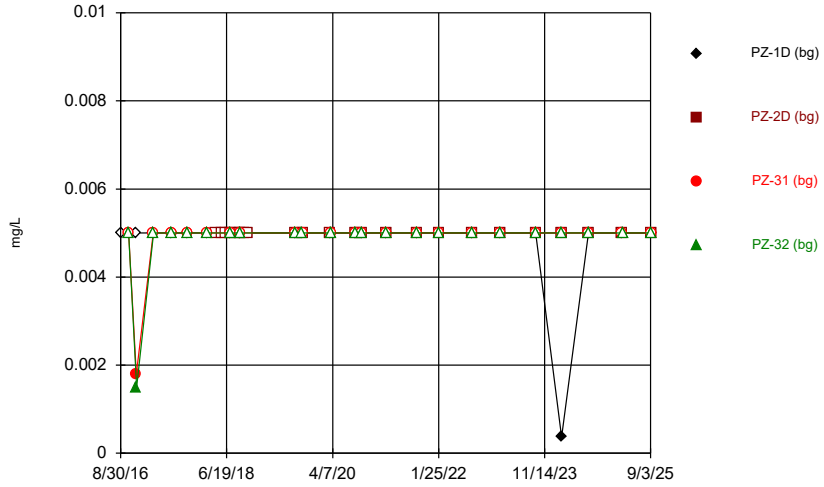
Time Series



Constituent: Chromium Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cobalt Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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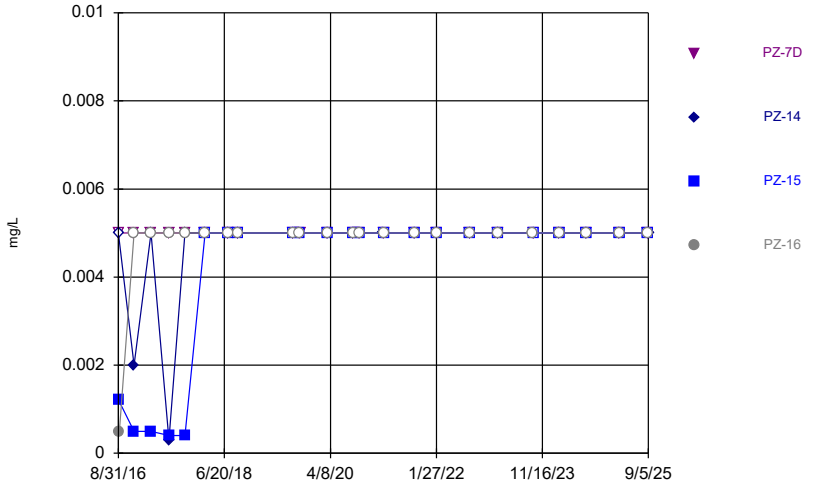
Hollow symbols indicate censored values.

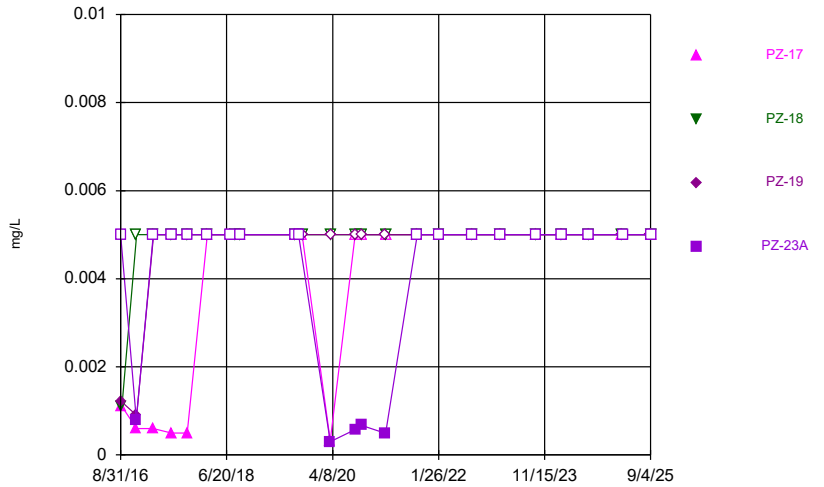
Time Series



Constituent: Cobalt Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

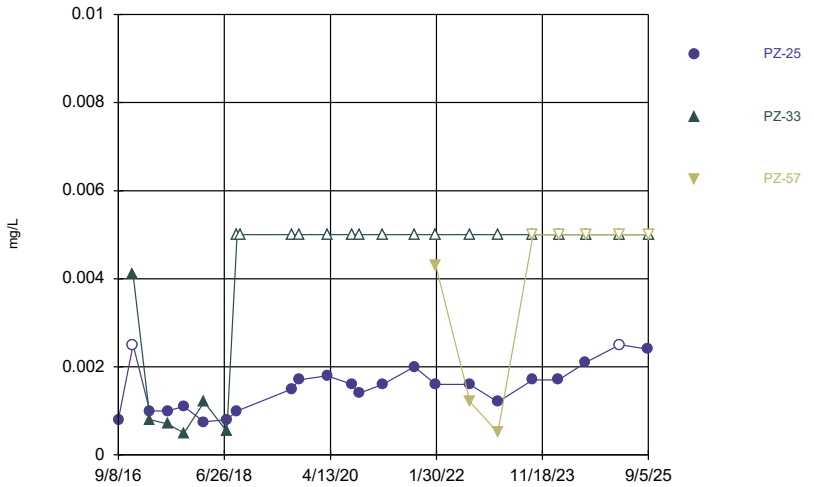
Time Series



Constituent: Cobalt Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

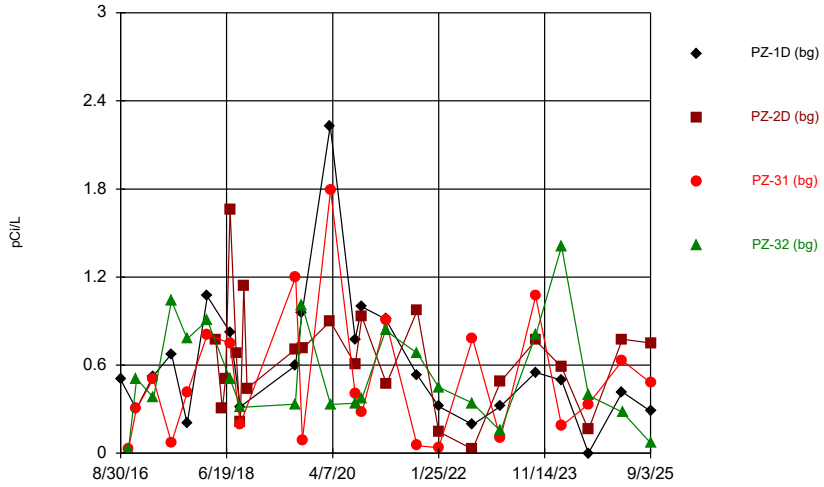
Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Cobalt Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

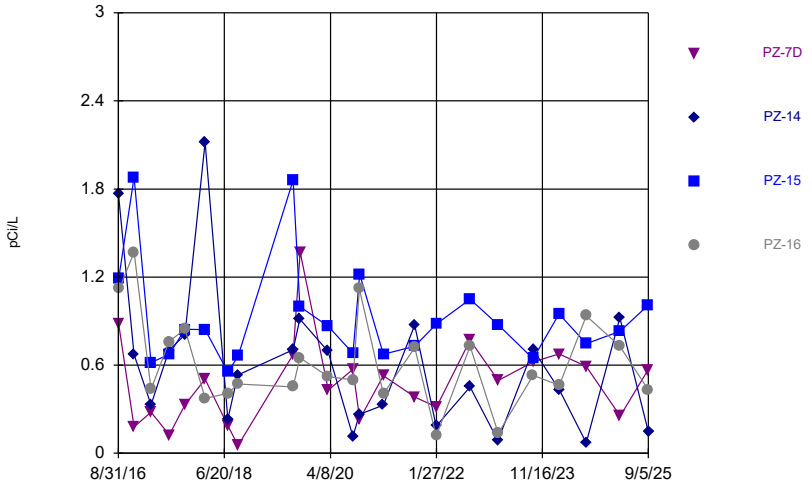
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

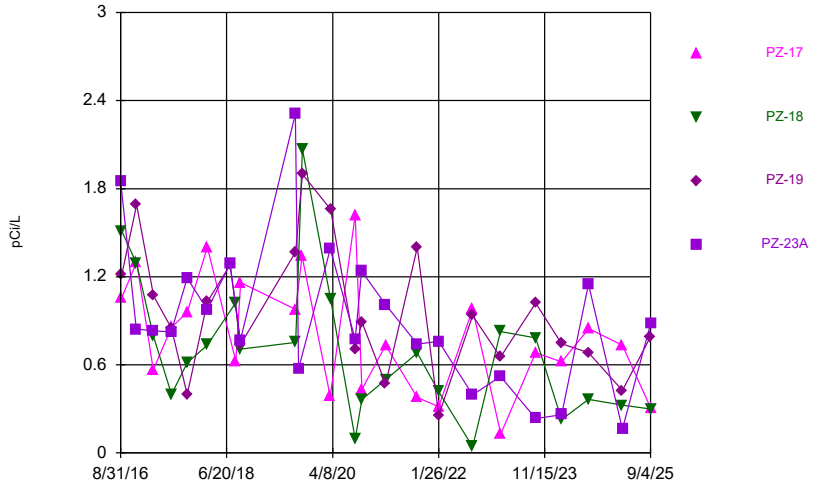
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

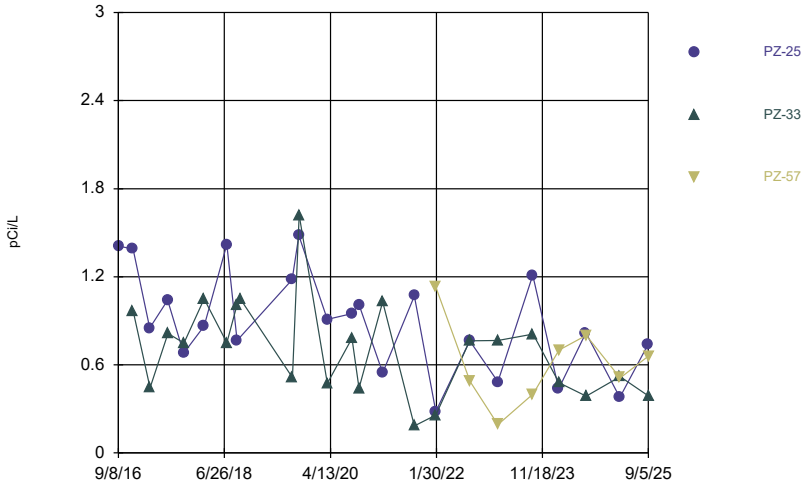
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

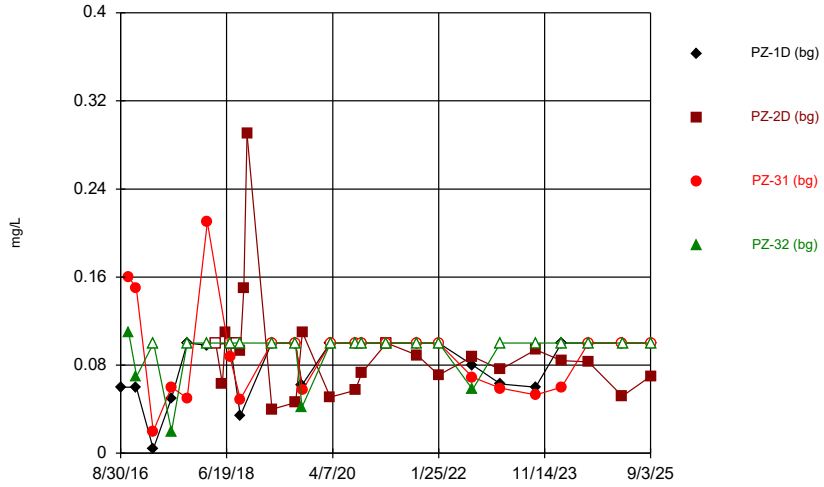
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

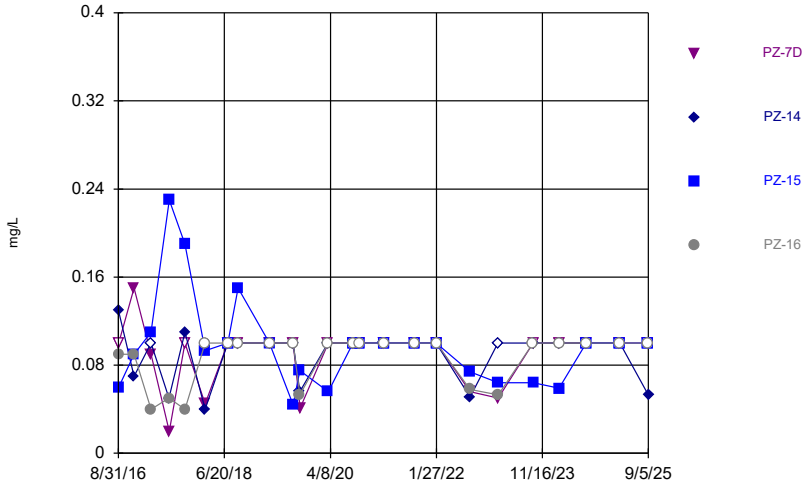
Time Series



Constituent: Fluoride Analysis Run 10/12/2025 4:25 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

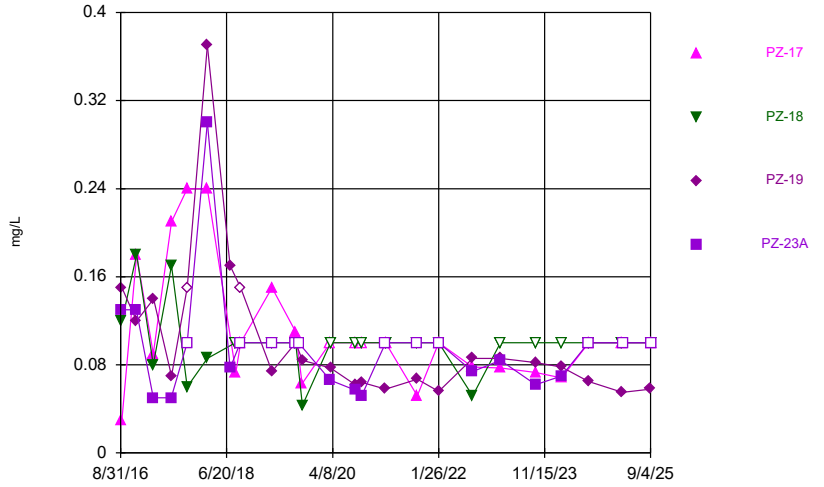
Time Series



Constituent: Fluoride Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

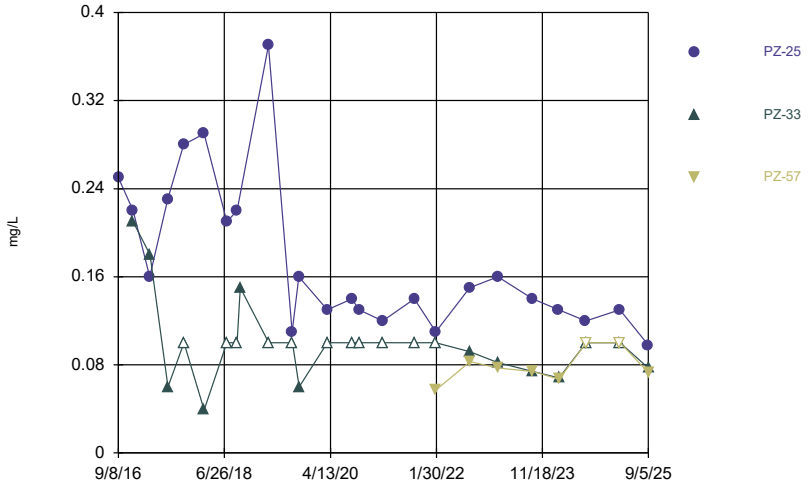
Time Series



Constituent: Fluoride Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

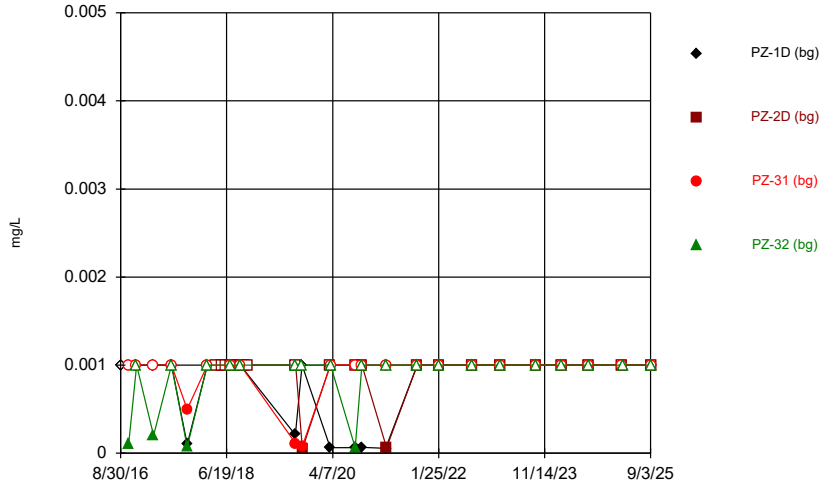
Time Series



Constituent: Fluoride Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Lead Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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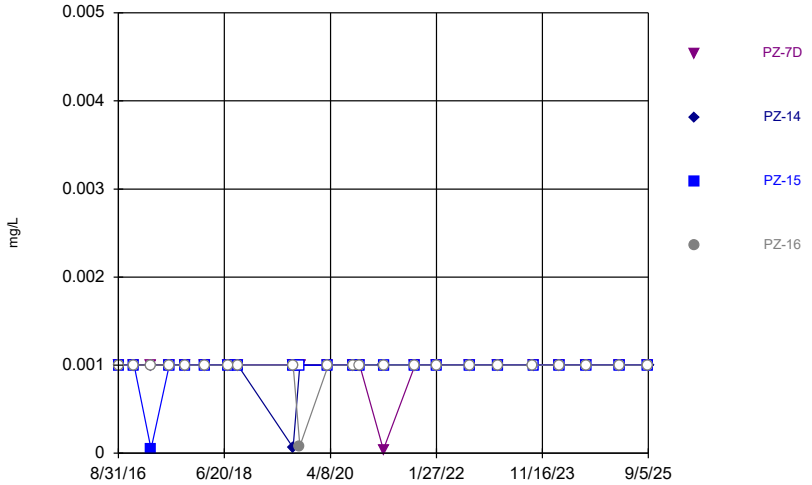
Hollow symbols indicate censored values.

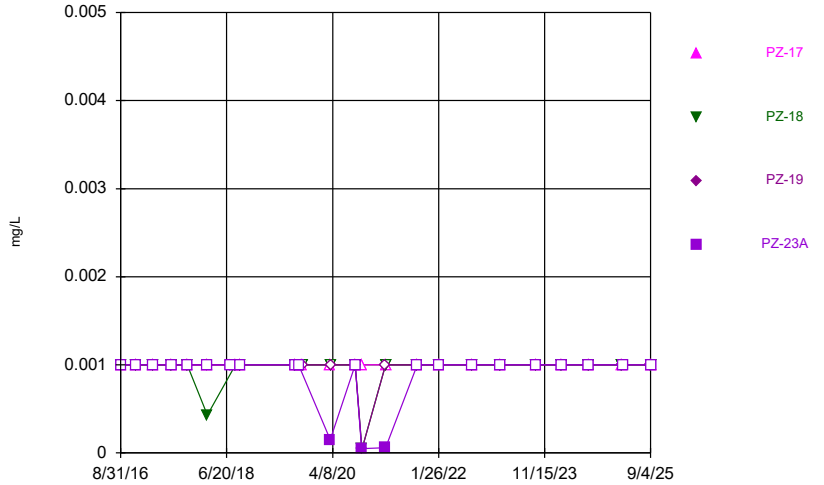
Time Series



Constituent: Lead Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

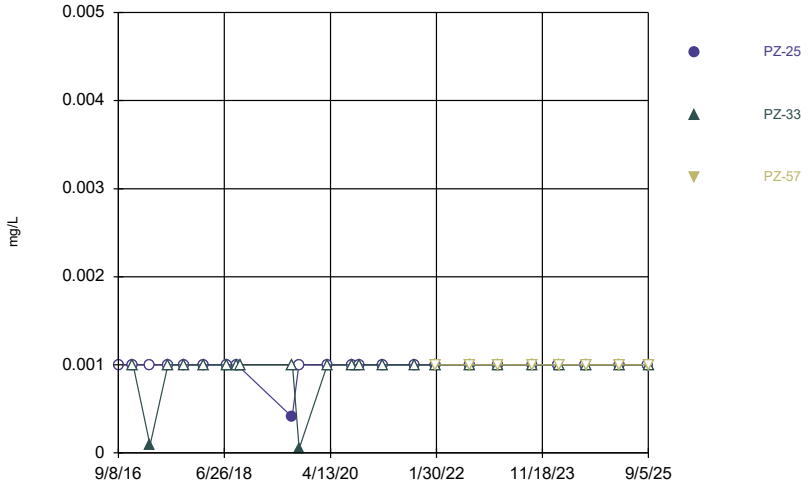
Time Series



Constituent: Lead Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

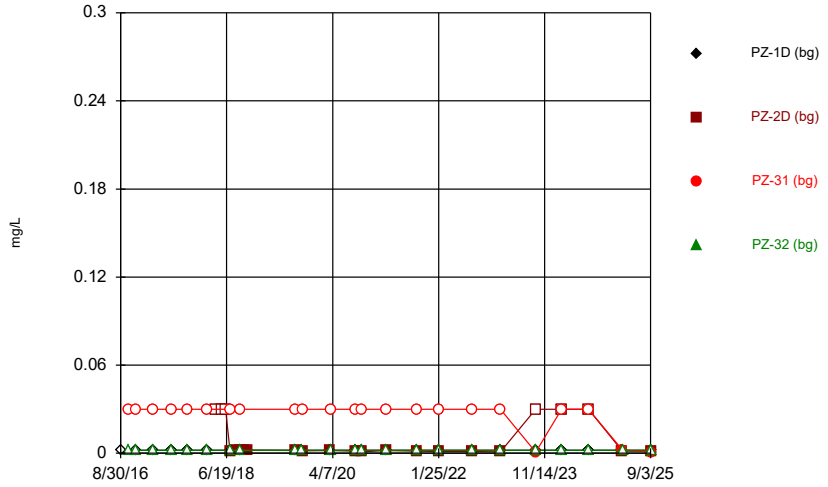
Time Series



Constituent: Lead Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

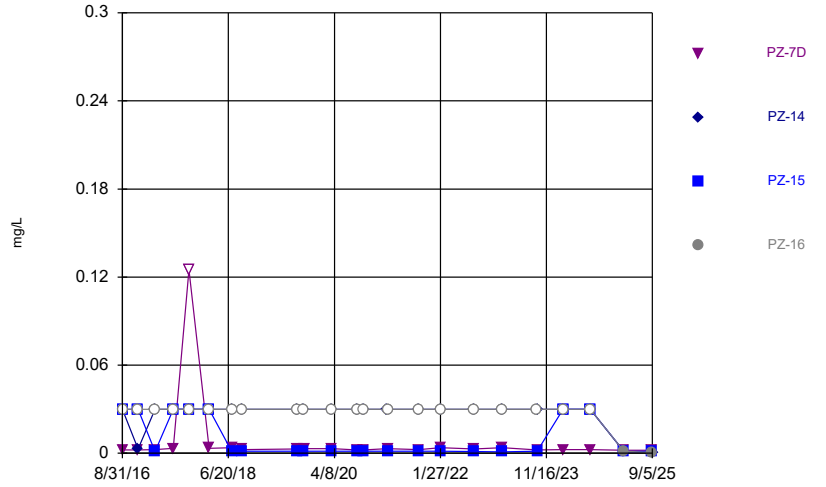
Time Series



Constituent: Lithium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

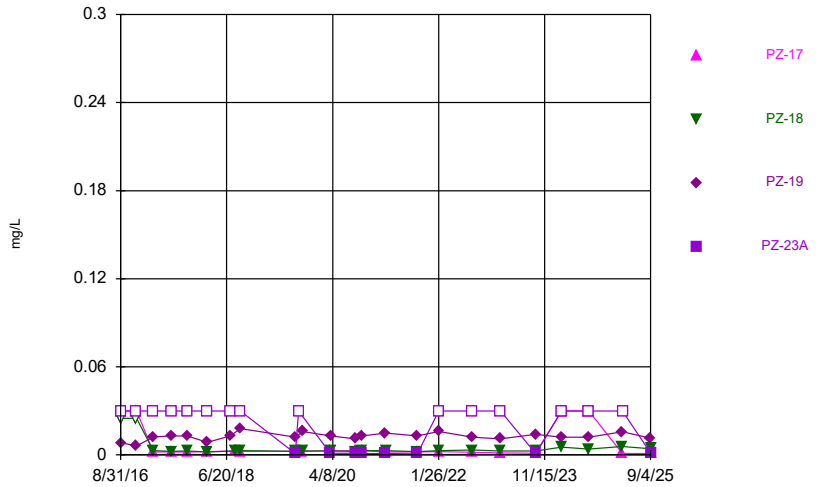
Time Series



Constituent: Lithium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

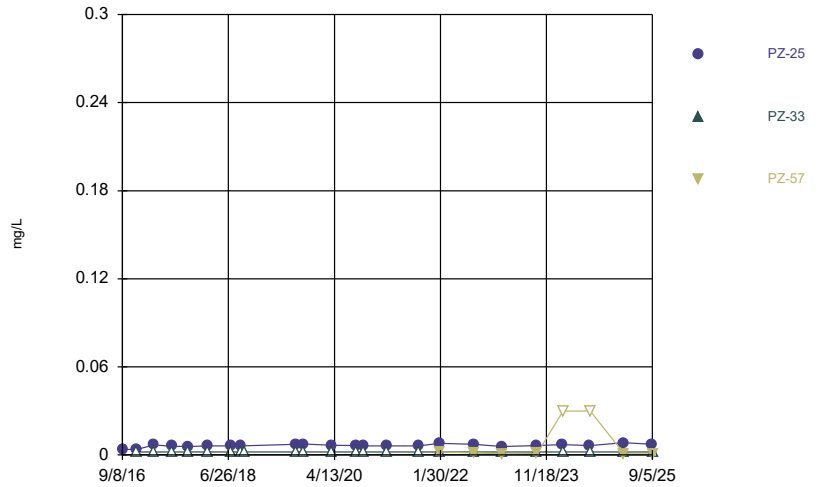
Time Series



Constituent: Lithium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

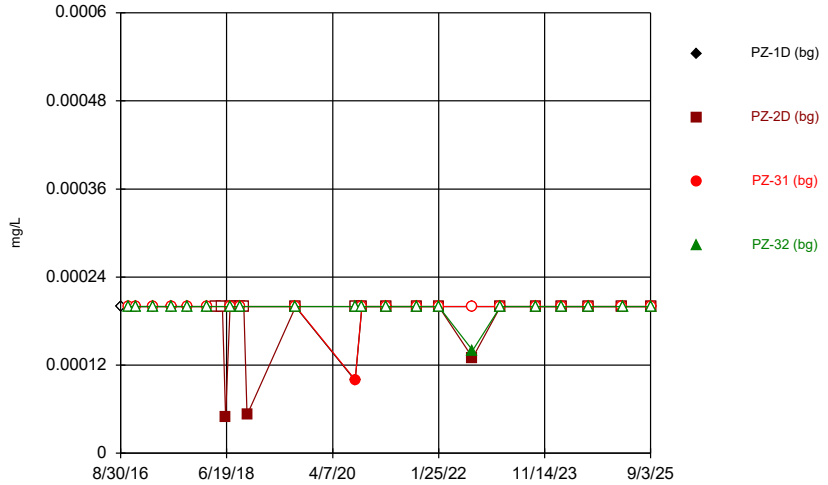
Time Series



Constituent: Lithium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

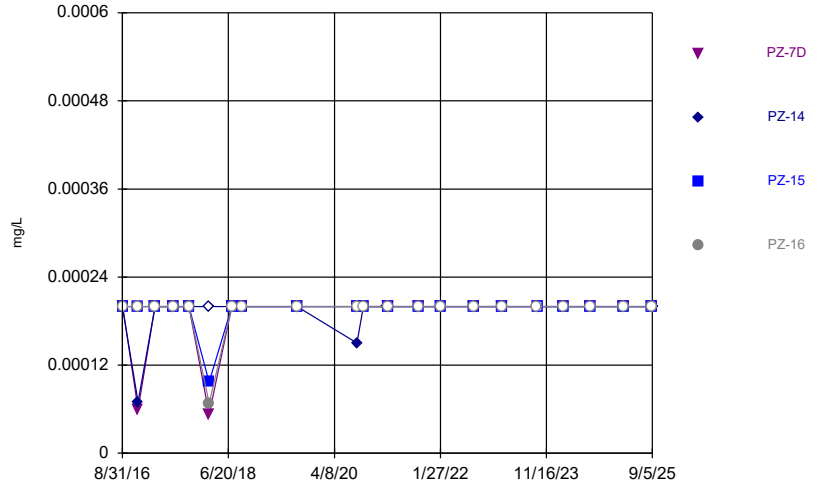
Time Series



Constituent: Mercury Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

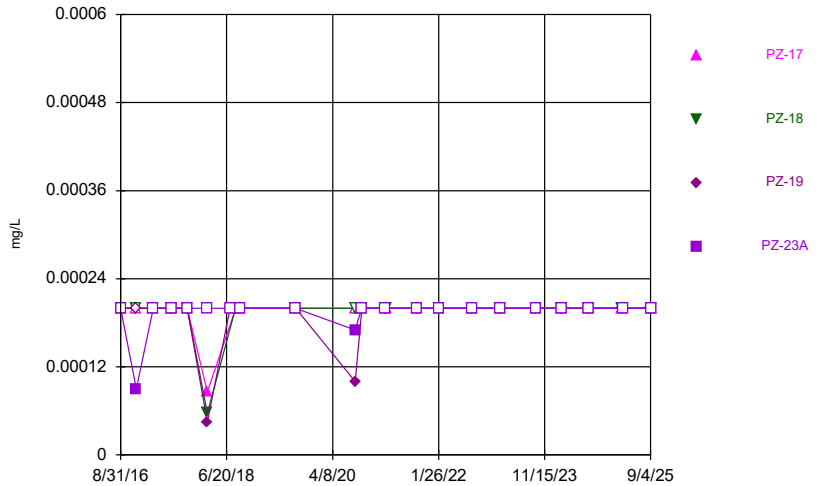
Time Series



Constituent: Mercury Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

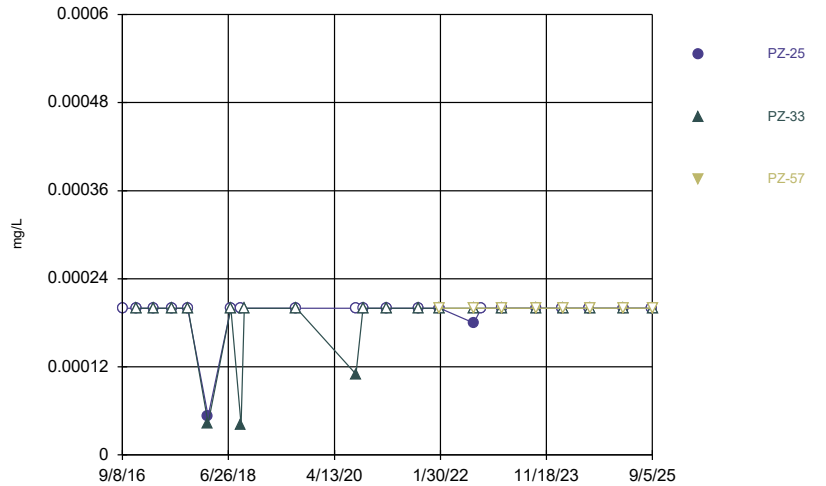
Time Series



Constituent: Mercury Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

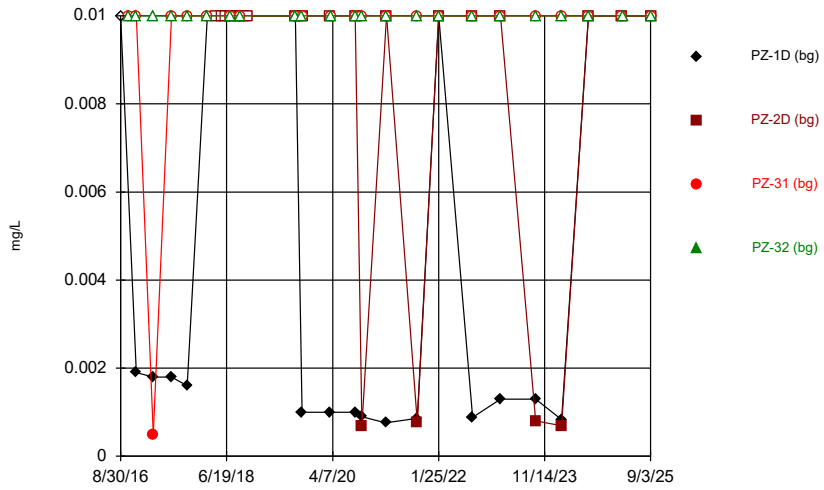
Time Series



Constituent: Mercury Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

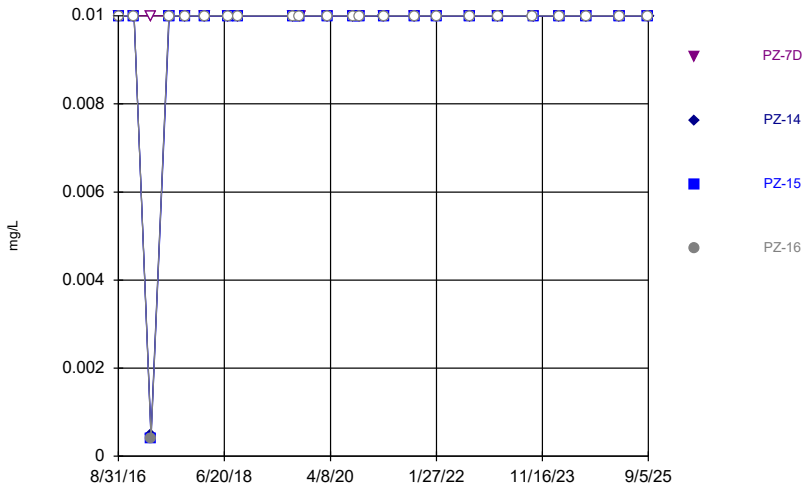
Time Series



Constituent: Molybdenum Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

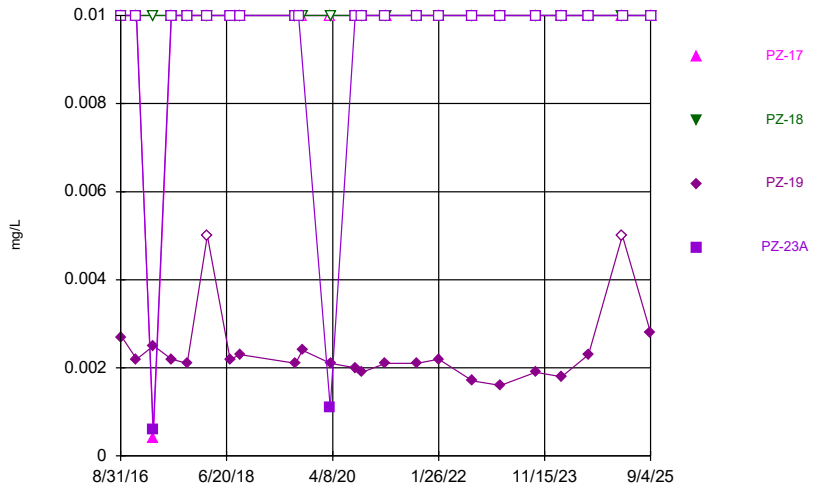
Time Series



Constituent: Molybdenum Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

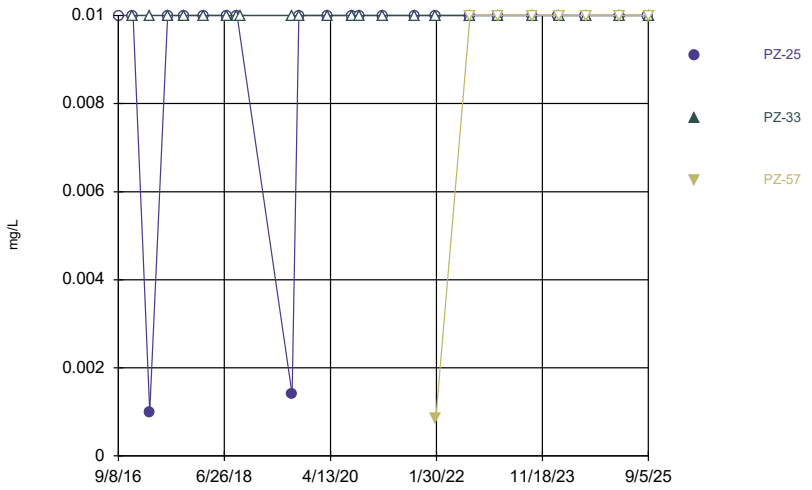
Time Series



Constituent: Molybdenum Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

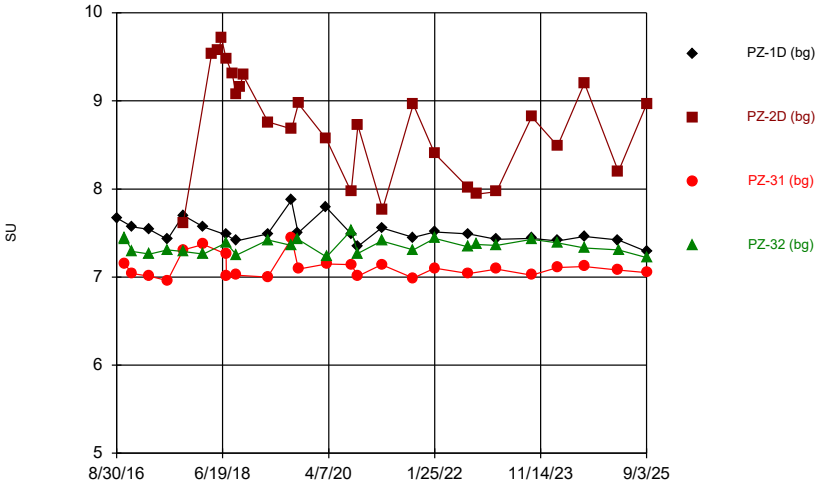
Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Molybdenum Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

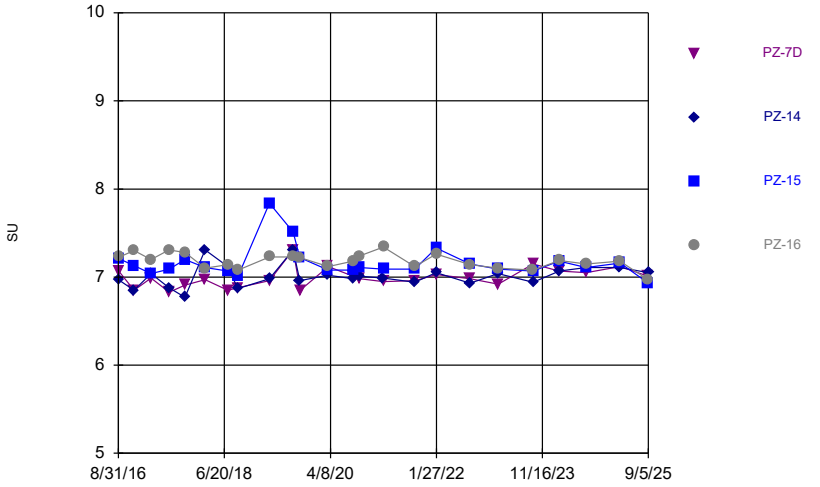
Time Series



Constituent: pH, Field Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

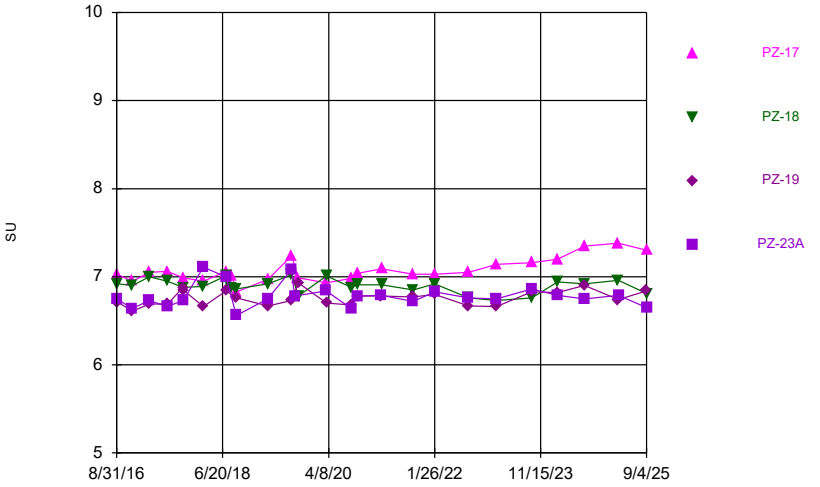
Time Series



Constituent: pH, Field Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

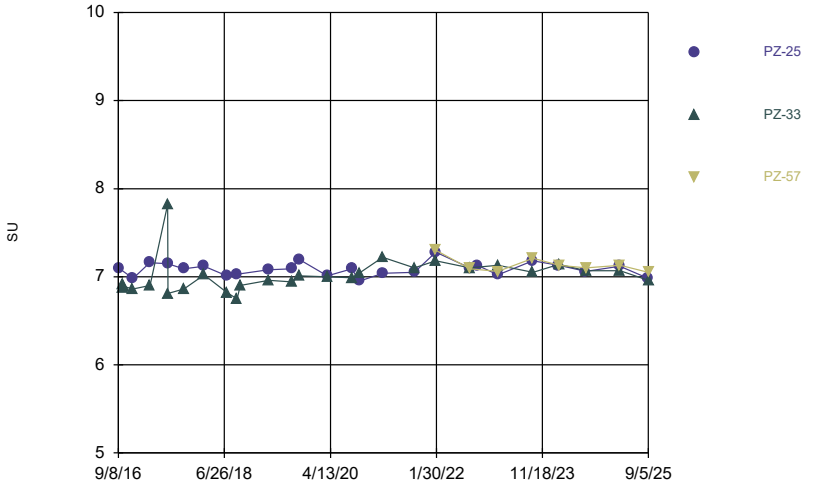
Time Series



Constituent: pH, Field Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

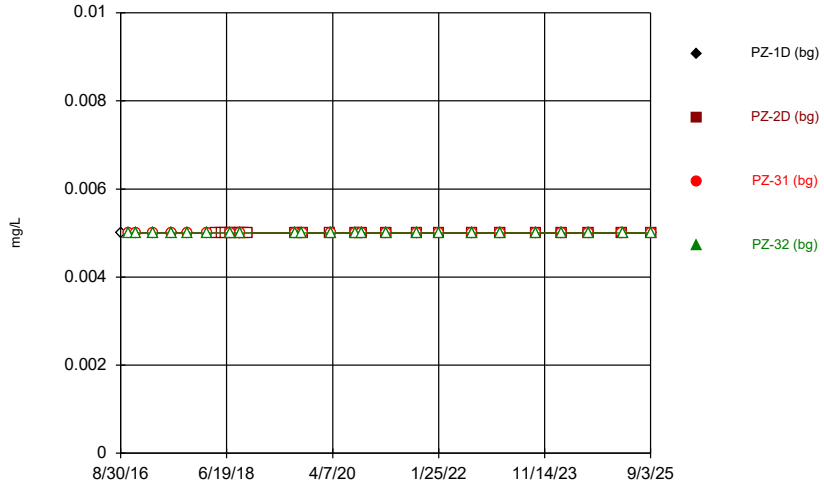
Time Series



Constituent: pH, Field Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

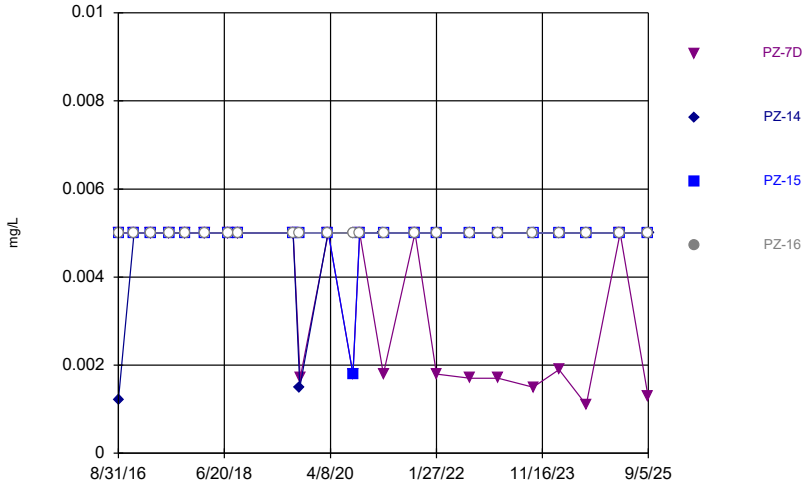
Time Series



Constituent: Selenium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

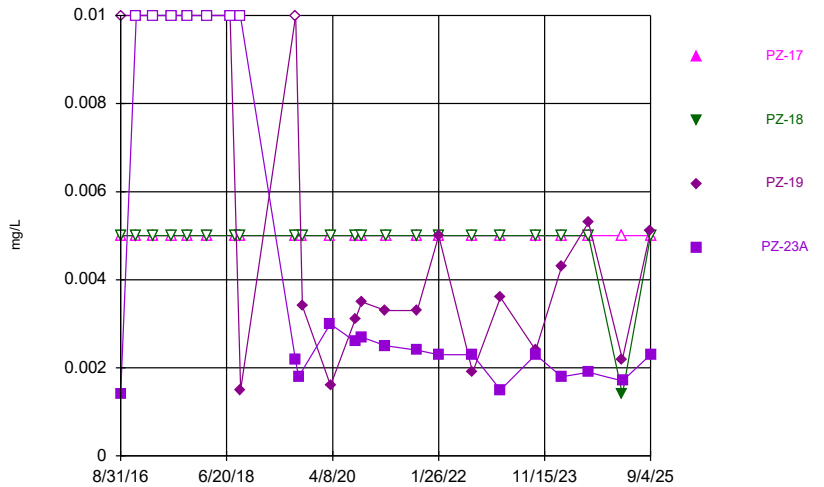
Time Series



Constituent: Selenium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

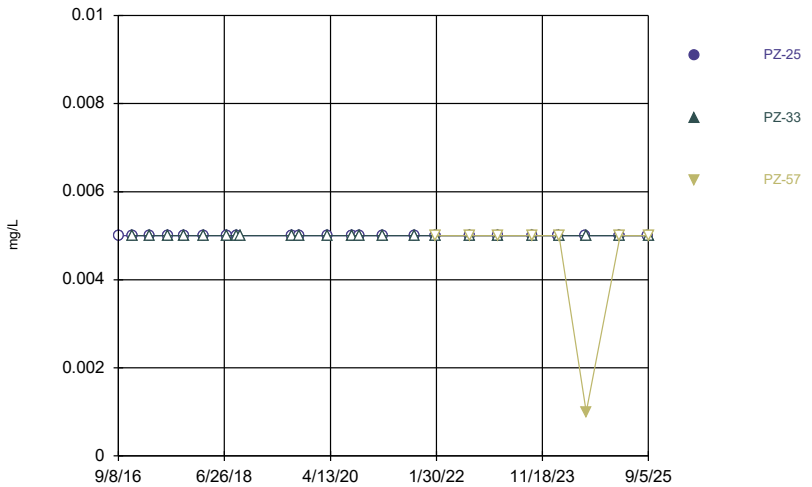
Time Series



Constituent: Selenium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

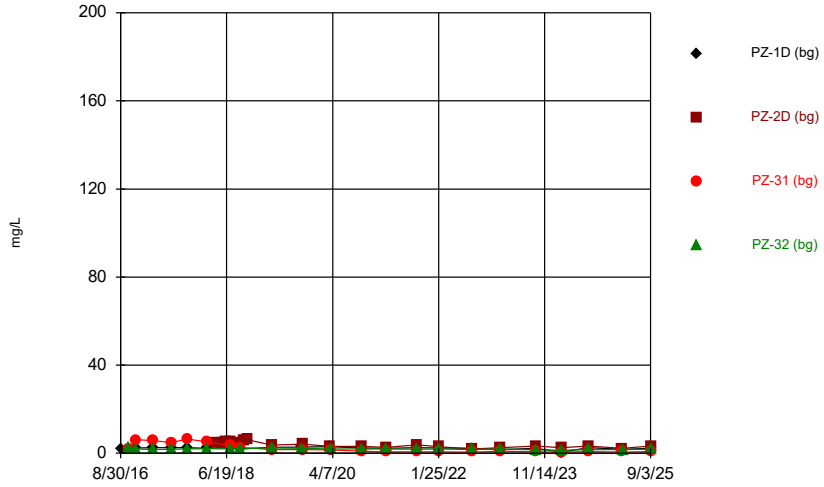
Time Series



Constituent: Selenium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

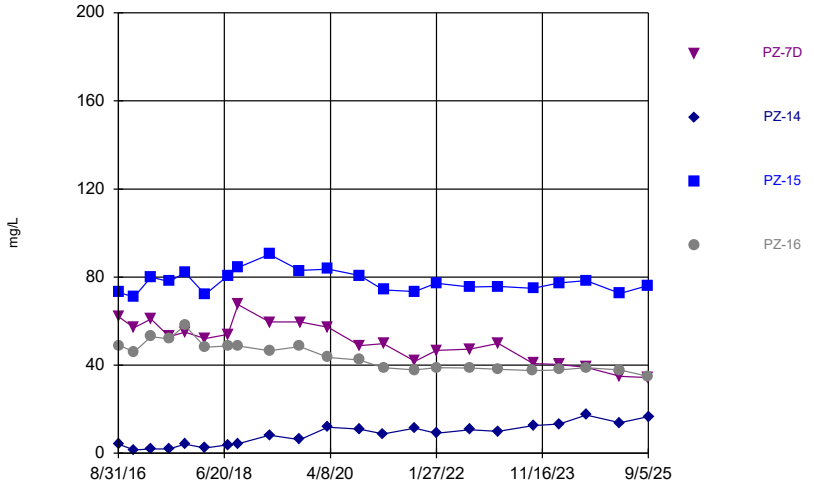
Time Series



Constituent: Sulfate Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

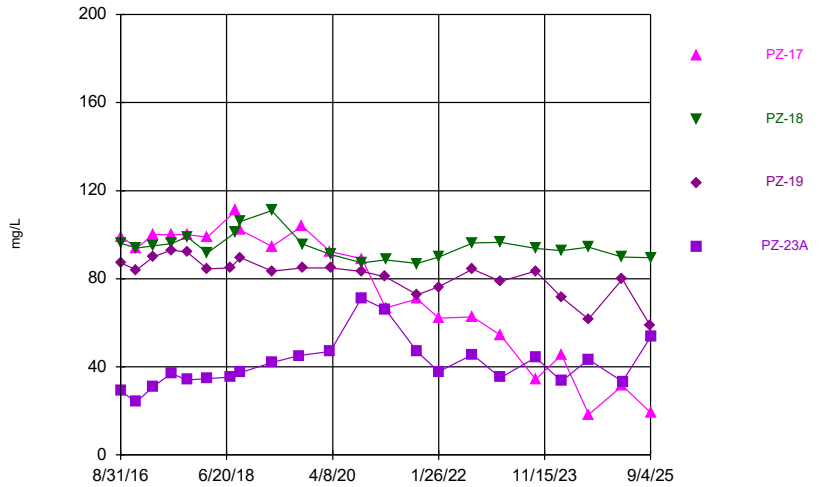
Time Series



Constituent: Sulfate Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

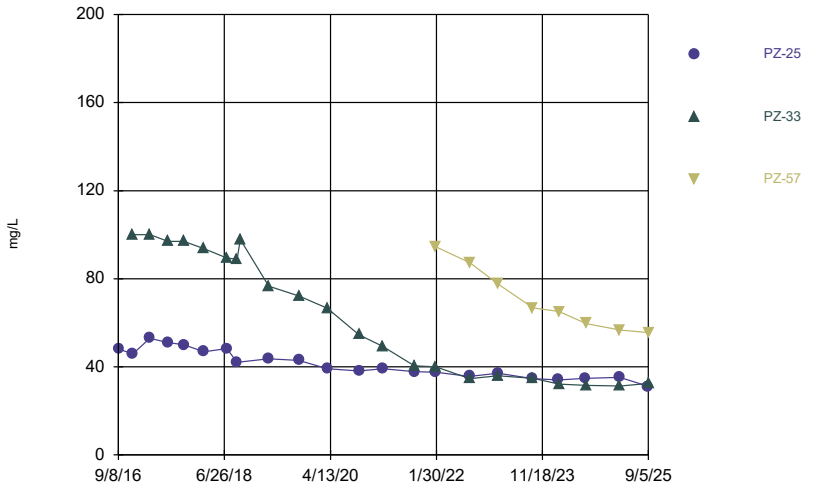
Time Series



Constituent: Sulfate Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

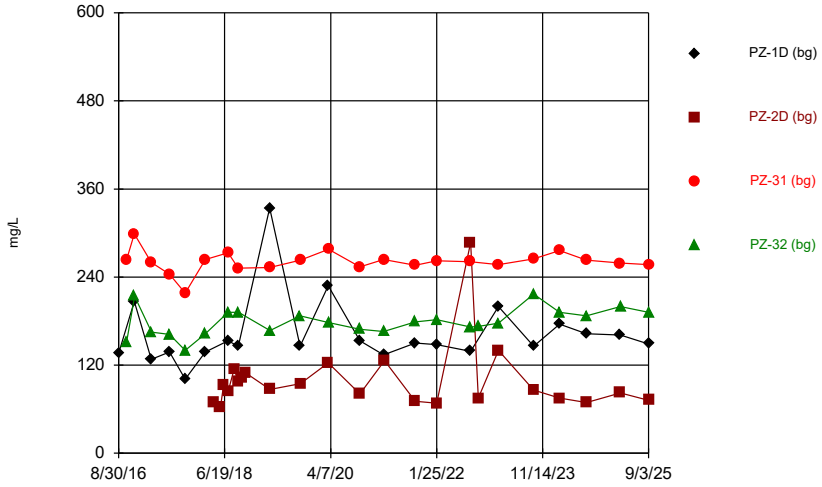
Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Time Series



Constituent: Sulfate Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

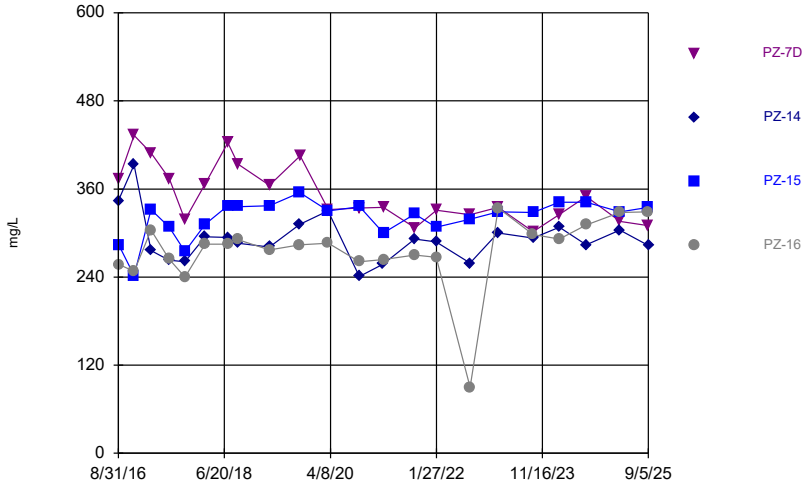
Time Series



Constituent: TDS Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

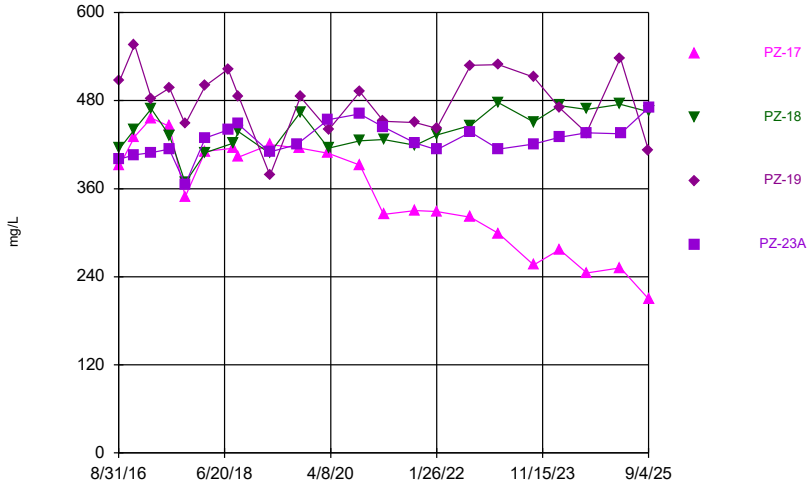
Time Series



Constituent: TDS Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

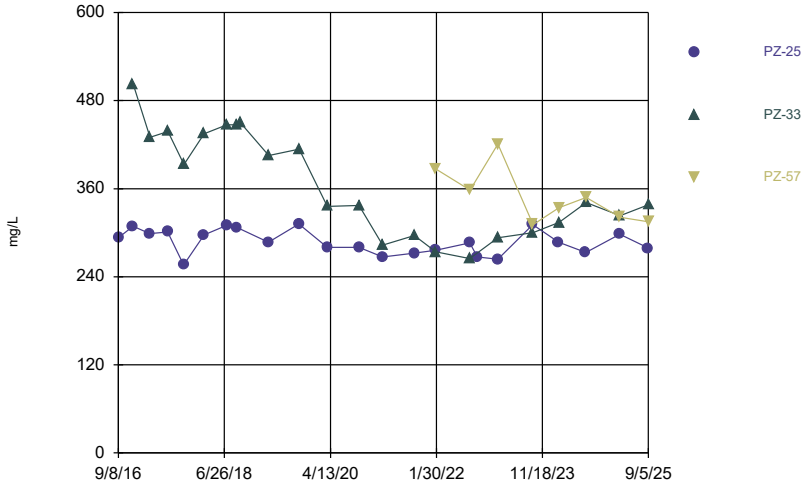
Time Series



Constituent: TDS Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

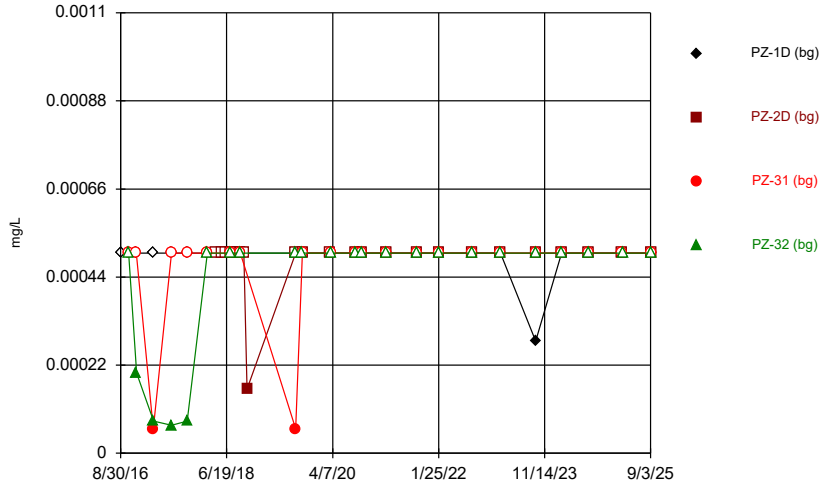
Time Series



Constituent: TDS Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

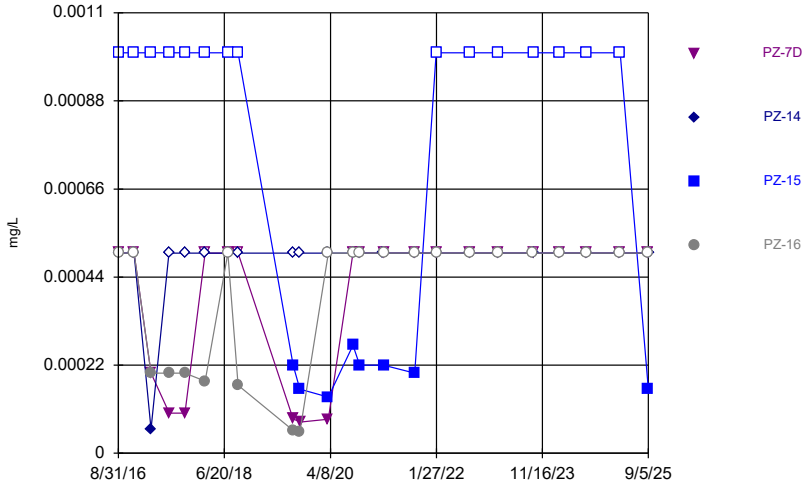
Time Series



Constituent: Thallium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

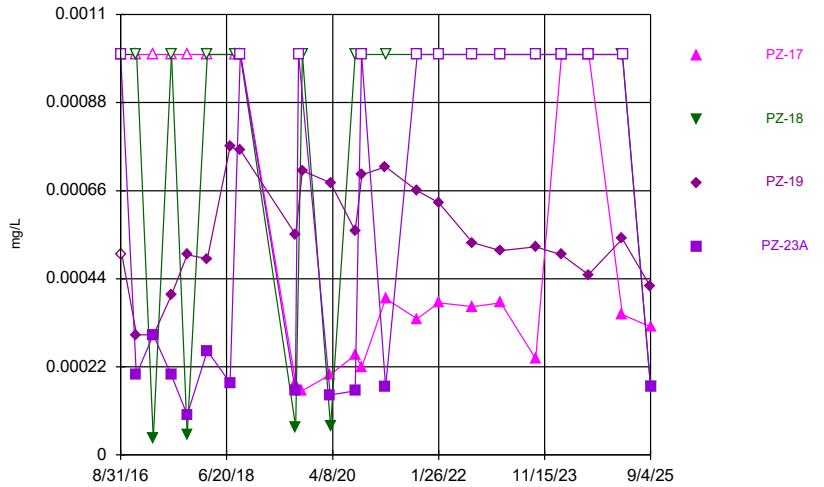
Time Series



Constituent: Thallium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

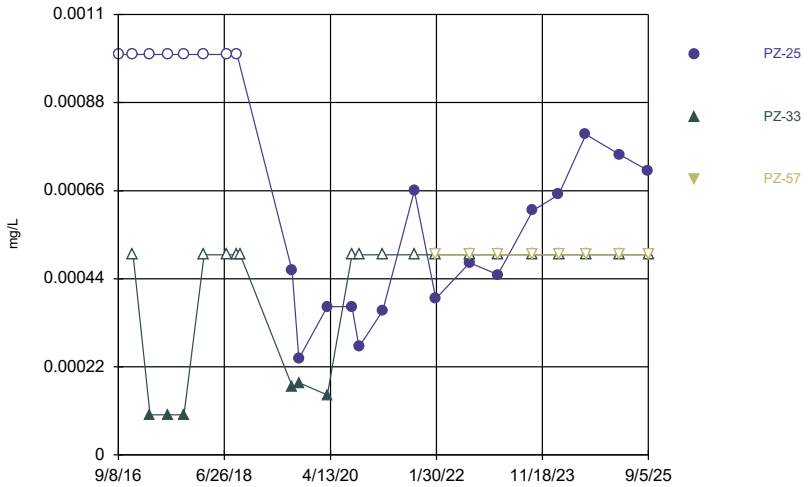
Time Series



Constituent: Thallium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 10/12/2025 4:26 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	0.0009 (J)			
10/18/2016			0.0018 (J)	<0.002
12/6/2016	<0.002		<0.002	
12/7/2016				<0.002
3/21/2017	0.0028 (J)		<0.002	
3/23/2017				<0.002
7/11/2017	0.0035		<0.002	<0.002
10/17/2017	0.0025 (J)		<0.002	<0.002
2/20/2018	0.00094 (J)		<0.002	<0.002
4/12/2018		<0.002		
5/23/2018		0.0017 (J)		
6/13/2018		0.0018 (J)		
7/11/2018	0.0019 (J)	0.0024 (J)	<0.002	<0.002
8/17/2018		0.00082 (J)		
9/12/2018	0.0019 (J)	<0.002	<0.002	
9/13/2018				<0.002
10/4/2018		<0.002		
10/24/2018		0.00087 (J)		
8/20/2019	0.00074 (J)			<0.002
8/21/2019		0.0003 (J)	0.00056 (J)	
10/1/2019	0.00076 (J)			<0.002
10/2/2019		0.00042 (J)	<0.002	
3/24/2020	0.00055 (J)	0.00037 (J)		
3/25/2020			<0.002	<0.002
8/25/2020	0.0012 (J)		<0.002	<0.002
8/26/2020		0.0008 (J)		
10/6/2020	0.0021 (J)	0.0013 (J)	0.00045 (J)	<0.002
3/3/2021	0.00093 (J)		<0.002	<0.002
3/8/2021		0.0003 (J)		
9/14/2021	<0.002	0.0011 (J)		0.0012 (J)
9/15/2021			<0.002	
1/25/2022	<0.002	0.00098 (J)		
1/26/2022			<0.002	<0.002
8/24/2022	<0.002	0.0011 (J)	<0.002	0.001 (J)
2/14/2023	<0.002	0.0015 (J)	<0.002	<0.002
9/19/2023	<0.002	<0.002	0.0042	<0.002
2/27/2024		0.00073 (J)		<0.002
2/28/2024	0.00059 (J)		0.0025 (J)	
8/13/2024	<0.002	<0.002	<0.002	<0.002
3/11/2025	<0.002	<0.002	<0.002	
3/12/2025				<0.002
9/3/2025	<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 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.002		
9/1/2016	<0.002		0.001 (J)	
9/6/2016				<0.002
12/7/2016	<0.002	<0.002	<0.002	<0.002
3/21/2017		0.0004 (J)		
3/22/2017	<0.002		<0.002	<0.002
7/11/2017		<0.002		<0.002
7/12/2017	<0.002		<0.002	
10/18/2017		<0.002	<0.002	<0.002
10/19/2017	<0.002			
2/20/2018		<0.002		
2/21/2018	<0.002		<0.002	<0.002
7/11/2018		<0.002		
7/12/2018	<0.002		<0.002	<0.002
9/12/2018		<0.002		
9/13/2018	<0.002		<0.002	<0.002
8/21/2019		0.00039 (J)	<0.002	<0.002
8/22/2019	<0.002			
10/2/2019		<0.002	<0.002	<0.002
10/3/2019	0.00029 (J)			
3/25/2020		<0.002		
3/26/2020	0.00042 (J)		<0.002	<0.002
8/26/2020	0.00031 (J)	<0.002	0.00062 (J)	0.00037 (J)
10/6/2020		<0.002		<0.002
10/7/2020	<0.002		<0.002	
3/3/2021		<0.002		
3/4/2021	<0.002		<0.002	<0.002
9/15/2021		<0.002	<0.002	<0.002
9/16/2021	<0.002			
1/26/2022		<0.002	<0.002	<0.002
1/27/2022	<0.002			
8/25/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023		<0.002		
2/15/2023	<0.002		<0.002	<0.002
9/19/2023				<0.002
9/20/2023	<0.002	<0.002	<0.002	
2/28/2024	0.00089 (J)		<0.002	
2/29/2024		<0.002		<0.002
8/14/2024		<0.002	<0.002	<0.002
8/15/2024	<0.002			
3/12/2025		<0.002		<0.002
3/13/2025	<0.002		<0.002	
9/3/2025	<0.002			<0.002
9/4/2025			<0.002	
9/5/2025		<0.002		

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.002
9/7/2016	<0.002	<0.002	<0.002	
12/7/2016				<0.002
12/8/2016	<0.002	<0.002	<0.002	
3/21/2017				<0.002
3/22/2017	<0.002	<0.002		
3/23/2017			<0.002	
7/11/2017				<0.002
7/12/2017	<0.002	<0.002	<0.002	
10/18/2017	<0.002	<0.002		<0.002
10/19/2017			<0.002	
2/20/2018				<0.002
2/21/2018	<0.002	<0.002	<0.002	
7/11/2018				<0.002
7/12/2018			<0.002	
8/15/2018		<0.002		
8/16/2018	<0.002			
9/13/2018		<0.002		<0.002
9/14/2018	<0.002		<0.002	
8/21/2019				0.00055 (J)
8/22/2019	<0.002	0.00045 (J)	<0.002	
9/10/2019				<0.002
10/2/2019	<0.002			
10/3/2019		<0.002	0.00044 (J)	
3/25/2020	0.00094 (J)			<0.002
3/26/2020		0.0018 (J)	<0.002	
8/26/2020	0.00061 (J)		<0.002	0.00038 (J)
8/27/2020		<0.002		
10/6/2020				<0.002
10/7/2020	<0.002	0.0014 (J)	<0.002	
3/3/2021			<0.002	0.0017 (J)
3/4/2021	0.00055 (J)	<0.002		
9/15/2021				<0.002
9/16/2021	<0.002	<0.002	<0.002	
1/26/2022				<0.002
1/27/2022	<0.002	<0.002	<0.002	
8/25/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023				<0.002
2/15/2023		<0.002	<0.002	
2/16/2023	<0.002			
9/20/2023	<0.002	0.004	<0.002	<0.002
2/28/2024				<0.002
2/29/2024	0.00076 (J)	<0.002	<0.002	
8/14/2024		<0.002	<0.002	<0.002
8/15/2024	<0.002			
3/12/2025	<0.002	<0.002	<0.002	
3/13/2025				<0.002
9/3/2025			<0.002	
9/4/2025	<0.002	<0.002		<0.002

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

Time Series

Constituent: Antimony (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.002		
12/8/2016	<0.002	<0.002	
3/22/2017	<0.002		
3/23/2017		<0.002	
7/11/2017	<0.002		
7/12/2017		<0.002	
10/18/2017	<0.002		
10/19/2017		<0.002	
2/21/2018	<0.002	<0.002	
7/12/2018	<0.002	<0.002	
9/13/2018	<0.002		
9/14/2018		<0.002	
10/4/2018		<0.002	
8/21/2019	0.0014 (J)		
8/22/2019		<0.002	
10/2/2019	<0.002		
10/3/2019		<0.002	
3/25/2020	<0.002		
3/26/2020		<0.002	
8/26/2020	<0.002	<0.002	
10/7/2020	<0.002	0.00037 (J)	
3/3/2021	<0.002		
3/4/2021		<0.002	
9/15/2021	<0.002		
9/16/2021		<0.002	
1/26/2022	<0.002		
1/27/2022		<0.002	<0.002
8/24/2022	<0.002	0.00082 (J)	
8/26/2022			<0.002
2/15/2023	<0.002		
2/16/2023		<0.002	<0.002
9/19/2023	<0.002		
9/21/2023		<0.002	<0.002
2/27/2024	<0.002		
2/29/2024		<0.002	<0.002
8/13/2024	<0.002		
8/15/2024		<0.002	<0.002
3/12/2025	<0.002		
3/13/2025		<0.002	<0.002
9/4/2025	<0.002		
9/5/2025		<0.002	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.002			
10/18/2016			<0.002	<0.002
12/6/2016	<0.002		<0.002	
12/7/2016				0.002 (J)
3/21/2017	<0.002		<0.002	
3/23/2017				<0.002
7/11/2017	<0.002		<0.002	<0.002
10/17/2017	<0.002		<0.002	<0.002
2/20/2018	<0.002		<0.002	<0.002
4/12/2018		0.00064 (J)		
5/23/2018		<0.002		
6/13/2018		0.0007 (J)		
7/11/2018	<0.002	<0.002	<0.002	<0.002
8/17/2018		0.00062 (J)		
9/12/2018	<0.002	<0.002	<0.002	
9/13/2018				<0.002
10/4/2018		<0.002		
10/24/2018		0.00068 (J)		
8/20/2019	<0.002			<0.002
8/21/2019		0.0014 (J)	<0.002	
10/1/2019	<0.002			<0.002
10/2/2019		0.0022 (J)	<0.002	
3/24/2020	<0.002	<0.002		
3/25/2020			<0.002	<0.002
8/25/2020	<0.002		<0.002	<0.002
8/26/2020		<0.002		
9/14/2021	<0.002	0.0014 (J)		<0.002
9/15/2021			<0.002	
1/25/2022	<0.002	0.0014 (J)		
1/26/2022			<0.002	<0.002
8/24/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023	<0.002	<0.002	<0.002	<0.002
9/19/2023	<0.002	<0.002	<0.002	<0.002
2/27/2024		<0.002		<0.002
2/28/2024	<0.002		<0.002	
8/13/2024	<0.002	0.0012 (J)	<0.002	<0.002
3/11/2025	<0.002	<0.002	<0.002	
3/12/2025				<0.002
9/3/2025	<0.002	<0.002	<0.002	<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.002		
9/1/2016	<0.002		<0.002	
9/6/2016				<0.002
12/7/2016	<0.002	<0.002	<0.002	<0.002
3/21/2017		<0.002		
3/22/2017	<0.002		0.0011 (J)	<0.002
7/11/2017		<0.002		<0.002
7/12/2017	<0.002		0.0006 (J)	
10/18/2017		<0.002	<0.002	<0.002
10/19/2017	<0.002			
2/20/2018		<0.002		
2/21/2018	<0.002		0.00089 (J)	<0.002
7/11/2018		<0.002		
7/12/2018	<0.002		<0.002	<0.002
9/12/2018		<0.002		
9/13/2018	<0.002		<0.002	<0.002
8/21/2019		<0.002	<0.002	0.00036 (J)
8/22/2019	<0.002			
10/2/2019		0.00083 (J)	<0.002	<0.002
10/3/2019	<0.002			
3/25/2020		<0.002		
3/26/2020	<0.002		<0.002	<0.002
8/26/2020	<0.002	<0.002	<0.002	<0.002
9/15/2021		<0.002	<0.002	<0.002
9/16/2021	<0.002			
1/26/2022		<0.002	<0.002	<0.002
1/27/2022	<0.002			
8/25/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023		<0.002		
2/15/2023	<0.002		<0.002	<0.002
9/19/2023				<0.002
9/20/2023	<0.002	<0.002	<0.002	
2/28/2024	<0.002		<0.002	
2/29/2024		<0.002		<0.002
8/14/2024		<0.002	<0.002	<0.002
8/15/2024	0.0012 (J)			
3/12/2025		<0.002		<0.002
3/13/2025	<0.002		<0.002	
9/3/2025	<0.002			<0.002
9/4/2025			<0.002	
9/5/2025		<0.002		

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.002
9/7/2016	<0.002	<0.002	<0.002	
12/7/2016				<0.002
12/8/2016	<0.002	<0.002	<0.002	
3/21/2017				<0.002
3/22/2017	0.0007 (J)	<0.002		
3/23/2017			0.0007 (J)	
7/11/2017				<0.002
7/12/2017	<0.002	<0.002	<0.002	
10/18/2017	<0.002	<0.002		<0.002
10/19/2017			<0.002	
2/20/2018				<0.002
2/21/2018	0.00072 (J)	<0.002	<0.002	
7/11/2018				<0.002
7/12/2018			<0.002	
8/15/2018		<0.002		
8/16/2018	0.0007 (J)			
9/13/2018		<0.002		<0.002
9/14/2018	<0.002		<0.002	
8/21/2019				<0.002
8/22/2019	<0.002	<0.002	<0.002	
9/10/2019				0.00036 (J)
10/2/2019	<0.002			
10/3/2019		<0.002	<0.002	
3/25/2020	<0.002			<0.002
3/26/2020		<0.002	<0.002	
8/26/2020	<0.002		<0.002	<0.002
8/27/2020		<0.002		
9/15/2021				<0.002
9/16/2021	<0.002	<0.002	<0.002	
1/26/2022				<0.002
1/27/2022	<0.002	<0.002	<0.002	
8/25/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023				<0.002
2/15/2023		<0.002	<0.002	
2/16/2023	<0.002			
9/20/2023	<0.002	<0.002	<0.002	<0.002
2/28/2024				<0.002
2/29/2024	<0.002	<0.002	<0.002	
8/14/2024		<0.002	<0.002	0.00089 (J)
8/15/2024	<0.002			
3/12/2025	<0.002	<0.002	<0.002	
3/13/2025				<0.002
9/3/2025			<0.002	
9/4/2025	<0.002	<0.002		<0.002

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

Time Series

Constituent: Arsenic (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.0017 (J)		
12/8/2016	<0.002	<0.002	
3/22/2017	0.001 (J)		
3/23/2017		0.0007 (J)	
7/11/2017	<0.002		
7/12/2017		<0.002	
10/18/2017	<0.002		
10/19/2017		<0.002	
2/21/2018	0.00071 (J)	0.00094 (J)	
7/12/2018	<0.002	<0.002	
9/13/2018	<0.002		
9/14/2018		<0.002	
10/4/2018		<0.002	
8/21/2019	<0.002		
8/22/2019		<0.002	
10/2/2019	0.00063 (J)		
10/3/2019		<0.002	
3/25/2020	<0.002		
3/26/2020		<0.002	
8/26/2020	<0.002	<0.002	
9/15/2021	<0.002		
9/16/2021		<0.002	
1/26/2022	<0.002		
1/27/2022		<0.002	<0.002
8/24/2022	<0.002	<0.002	
8/26/2022			<0.002
2/15/2023	<0.002		
2/16/2023		<0.002	<0.002
9/19/2023	<0.002		
9/21/2023		<0.002	<0.002
2/27/2024	<0.002		
2/29/2024		<0.002	<0.002
8/13/2024	<0.002		
8/15/2024		0.0013 (J)	0.00086 (J)
3/12/2025	<0.002		
3/13/2025		<0.002	<0.002
9/4/2025	<0.002		
9/5/2025		<0.002	<0.002

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

Time Series

Constituent: Barium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	0.0335			
10/18/2016			0.0257	0.0248
12/6/2016	0.0311		0.113	
12/7/2016				0.0506
3/21/2017	0.0305		0.0226	
3/23/2017				0.0175
7/11/2017	0.0305		0.0139	0.0161
10/17/2017	0.0255		0.0103	0.0158
2/20/2018	0.027		0.015	0.015
4/12/2018		<0.01		
5/23/2018		0.0042 (J)		
6/13/2018		0.012		
7/11/2018	0.032	0.0056 (J)	0.011	0.016
8/17/2018		0.0069 (J)		
9/12/2018	0.021	0.011	0.0087 (J)	
9/13/2018				0.014
10/4/2018		0.0066 (J)		
10/24/2018		0.0059 (J)		
8/20/2019	0.017			0.016
8/21/2019		0.0042 (J)	0.007 (J)	
10/1/2019	0.016			0.015
10/2/2019		0.0046 (J)	0.0067 (J)	
3/24/2020	0.015	0.0046 (J)		
3/25/2020			0.0082 (J)	0.015
8/25/2020	0.014		0.0071 (J)	0.015
8/26/2020		0.0051 (J)		
10/6/2020	0.015	0.0039 (J)	0.0075 (J)	0.015
3/3/2021	0.015		0.0069	0.013
3/8/2021		0.0065		
9/14/2021	0.013	0.0041 (J)		0.014
9/15/2021			0.0066	
1/25/2022	0.014	0.0037 (J)		
1/26/2022			0.0075	0.014
8/24/2022	0.015	0.01	0.0063	0.019
2/14/2023	0.02	0.0055	0.0071	0.014
9/19/2023	0.014	0.0027 (J)	0.0071	0.015
2/27/2024		0.0035 (J)		0.015
2/28/2024	0.017		0.0079	
8/13/2024	0.012	0.0025 (J)	0.0071	0.014
3/11/2025	0.013	0.0043 (J)	0.008	
3/12/2025				0.016
9/3/2025	0.011	0.0023 (J)	0.0077	0.014

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

Time Series

Constituent: Barium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		0.0253		
9/1/2016	0.0117		0.103	
9/6/2016				0.0794
12/7/2016	0.0133	0.065	0.0781	0.0689
3/21/2017		0.0379		
3/22/2017	0.0114		0.0589	0.0423
7/11/2017		0.036		0.0467
7/12/2017	0.0097 (J)		0.0613	
10/18/2017		0.0247	0.0617	0.0446
10/19/2017	0.0091 (J)			
2/20/2018		0.03		
2/21/2018	0.0086 (J)		0.076	0.046
7/11/2018		0.027		
7/12/2018	0.0093 (J)		0.056	0.043
9/12/2018		0.022		
9/13/2018	0.0078 (J)		0.048	0.038
8/21/2019		0.017	0.05	0.034
8/22/2019	0.0067 (J)			
10/2/2019		0.017	0.049	0.038
10/3/2019	0.007 (J)			
3/25/2020		0.021		
3/26/2020	0.0072 (J)		0.048	0.034
8/26/2020	0.007 (J)	0.016	0.053	0.036
10/6/2020		0.016		0.034
10/7/2020	0.0061 (J)		0.049	
3/3/2021		0.017		
3/4/2021	0.0061		0.047	0.035
9/15/2021		0.014	0.045	0.032
9/16/2021	0.0062			
1/26/2022		0.016	0.055	0.034
1/27/2022	0.0068			
8/25/2022	0.0058	0.011	0.057	0.035
2/14/2023		0.014		
2/15/2023	0.006		0.048	0.033
9/19/2023				0.038
9/20/2023	0.0059	0.01	0.05	
2/28/2024	0.006		0.058	
2/29/2024		0.013		0.034
8/14/2024		0.013	0.046	0.036
8/15/2024	0.0055			
3/12/2025		0.015		0.04
3/13/2025	0.0064		0.059	
9/3/2025	0.0058			0.038
9/4/2025			0.047	
9/5/2025		0.011		

Time Series

Constituent: Barium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				0.0407
9/7/2016	0.0823	0.0717	0.067	
12/7/2016				0.0581
12/8/2016	0.0668	0.0513	0.0522	
3/21/2017				0.0678
3/22/2017	0.0821	0.0273		
3/23/2017			0.0591	
7/11/2017				0.0574
7/12/2017	0.0805	0.0269	0.0604	
10/18/2017	0.0776	0.0258		0.0351
10/19/2017			0.0542	
2/20/2018				0.05
2/21/2018	0.073	0.029	0.058	
7/11/2018				0.051
7/12/2018			0.057	
8/15/2018		0.027		
8/16/2018	0.081			
9/13/2018		0.023		0.038
9/14/2018	0.081		0.058	
8/21/2019				0.032
8/22/2019	0.078	0.022	0.047	
9/10/2019				0.029
10/2/2019	0.074			
10/3/2019		0.025	0.057	
3/25/2020	0.077			0.048
3/26/2020		0.023	0.052	
8/26/2020	0.077		0.049	0.039
8/27/2020		0.023		
10/6/2020				0.037
10/7/2020	0.074	0.023	0.054	
3/3/2021			0.055	0.039
3/4/2021	0.071	0.023		
9/15/2021				0.037
9/16/2021	0.064	0.022	0.053	
1/26/2022				0.039
1/27/2022	0.072	0.025	0.055	
8/25/2022	0.061	0.026	0.046	0.036
2/14/2023				0.033
2/15/2023		0.026	0.051	
2/16/2023	0.059			
9/20/2023	0.058	0.022	0.053	0.035
2/28/2024				0.036
2/29/2024	0.052	0.031	0.051	
8/14/2024		0.025	0.048	0.036
8/15/2024	0.045			
3/12/2025	0.05	0.034	0.05	
3/13/2025				0.038
9/3/2025			0.039	
9/4/2025	0.044	0.025		0.05

Time Series

Constituent: Barium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.102		
12/8/2016	0.102	0.162	
3/22/2017	0.0951		
3/23/2017		0.0753	
7/11/2017	0.102		
7/12/2017		0.0756	
10/18/2017	0.0997		
10/19/2017		0.0681	
2/21/2018	0.11	0.085	
7/12/2018	0.1	0.076	
9/13/2018	0.1		
9/14/2018		0.071	
10/4/2018		0.072	
8/21/2019	0.1		
8/22/2019		0.064	
10/2/2019	0.11		
10/3/2019		0.057	
3/25/2020	0.11		
3/26/2020		0.057	
8/26/2020	0.1	0.051	
10/7/2020	0.11	0.048	
3/3/2021	0.12		
3/4/2021		0.047	
9/15/2021	0.11		
9/16/2021		0.039	
1/26/2022	0.11		
1/27/2022		0.043	0.14
8/24/2022	0.1	0.038	
8/26/2022			0.064
2/15/2023	0.1		
2/16/2023		0.04	0.063
9/19/2023	0.11		
9/21/2023		0.041	0.062
2/27/2024	0.13		
2/29/2024		0.039	0.052
8/13/2024	0.11		
8/15/2024		0.041	0.048
3/12/2025	0.097		
3/13/2025		0.045	0.053
9/4/2025	0.11		
9/5/2025		0.047	0.048

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.0004			
10/18/2016			<0.0004	<0.0004
12/6/2016	<0.0004		<0.0004	
12/7/2016				<0.0004
3/21/2017	<0.0004		<0.0004	
3/23/2017				<0.0004
7/11/2017	<0.0004		<0.0004	<0.0004
10/17/2017	<0.0004		<0.0004	<0.0004
2/20/2018	<0.0004		<0.0004	<0.0004
4/12/2018		<0.0004		
5/23/2018		<0.0004		
6/13/2018		<0.0004		
7/11/2018	<0.0004	<0.0004	<0.0004	<0.0004
8/17/2018		<0.0004		
9/12/2018	6.1E-05 (J)	<0.0004	<0.0004	
9/13/2018				<0.0004
10/4/2018		<0.0004		
10/24/2018		6E-05 (J)		
8/20/2019	<0.0004			<0.0004
8/21/2019		<0.0004	<0.0004	
8/25/2020	<0.0004		<0.0004	<0.0004
8/26/2020		<0.0004		
9/14/2021	<0.0004	<0.0004		<0.0004
9/15/2021			<0.0004	
1/25/2022	<0.0004	<0.0004		
1/26/2022			<0.0004	<0.0004
8/24/2022	<0.0004	<0.0004	<0.0004	<0.0004
2/14/2023	<0.0004	<0.0004	<0.0004	<0.0004
9/19/2023	<0.0004	<0.0004	<0.0004	<0.0004
2/27/2024		<0.0004		<0.0004
2/28/2024	<0.0004		<0.0004	
8/13/2024	<0.0004	<0.0004	<0.0004	<0.0004
3/11/2025	<0.0004	<0.0004	<0.0004	
3/12/2025				<0.0004
9/3/2025	<0.0004	<0.0004	<0.0004	<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.0004		
9/1/2016	<0.0004		<0.0004	
9/6/2016				<0.0004
12/7/2016	<0.0004	<0.0004	<0.0004	<0.0004
3/21/2017		<0.0004		
3/22/2017	<0.0004		<0.0004	<0.0004
7/11/2017		<0.0004		<0.0004
7/12/2017	<0.0004		<0.0004	
10/18/2017		<0.0004	<0.0004	<0.0004
10/19/2017	<0.0004			
2/20/2018		<0.0004		
2/21/2018	<0.0004		<0.0004	<0.0004
7/11/2018		<0.0004		
7/12/2018	<0.0004		<0.0004	<0.0004
9/12/2018		<0.0004		
9/13/2018	<0.0004		<0.0004	<0.0004
8/21/2019		<0.0004	<0.0004	<0.0004
8/22/2019	<0.0004			
8/26/2020	<0.0004	<0.0004	<0.0004	<0.0004
9/15/2021		<0.0004	<0.0004	<0.0004
9/16/2021	<0.0004			
1/26/2022		<0.0004	<0.0004	<0.0004
1/27/2022	<0.0004			
8/25/2022	<0.0004	<0.0004	<0.0004	<0.0004
2/14/2023		<0.0004		
2/15/2023	<0.0004		<0.0004	<0.0004
9/19/2023				<0.0004
9/20/2023	<0.0004	<0.0004	<0.0004	
2/28/2024	<0.0004		<0.0004	
2/29/2024		<0.0004		<0.0004
8/14/2024		<0.0004	<0.0004	<0.0004
8/15/2024	<0.0004			
3/12/2025		<0.0004		<0.0004
3/13/2025	<0.0004		<0.0004	
9/3/2025	<0.0004			<0.0004
9/4/2025			<0.0004	
9/5/2025		<0.0004		

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.0004
9/7/2016	<0.0004	<0.0004	<0.0004	
12/7/2016				<0.0004
12/8/2016	<0.0004	<0.0004	<0.0004	
3/21/2017				<0.0004
3/22/2017	<0.0004	<0.0004		
3/23/2017			<0.0004	
7/11/2017				<0.0004
7/12/2017	<0.0004	<0.0004	<0.0004	
10/18/2017	<0.0004	<0.0004		<0.0004
10/19/2017			<0.0004	
2/20/2018				<0.0004
2/21/2018	<0.0004	<0.0004	<0.0004	
7/11/2018				<0.0004
7/12/2018			<0.0004	
8/15/2018		<0.0004		
8/16/2018	<0.0004			
9/13/2018		<0.0004		<0.0004
9/14/2018	<0.0004		<0.0004	
8/21/2019				<0.0004
8/22/2019	<0.0004	<0.0004	<0.0004	
8/26/2020	<0.0004		<0.0004	<0.0004
8/27/2020		<0.0004		
9/15/2021				<0.0004
9/16/2021	<0.0004	<0.0004	<0.0004	
1/26/2022				<0.0004
1/27/2022	<0.0004	<0.0004	<0.0004	
8/25/2022	<0.0004	<0.0004	<0.0004	<0.0004
2/14/2023				<0.0004
2/15/2023		<0.0004	<0.0004	
2/16/2023	<0.0004			
9/20/2023	<0.0004	<0.0004	<0.0004	<0.0004
2/28/2024				<0.0004
2/29/2024	<0.0004	<0.0004	<0.0004	
8/14/2024		<0.0004	<0.0004	<0.0004
8/15/2024	<0.0004			
3/12/2025	<0.0004	<0.0004	<0.0004	
3/13/2025				<0.0004
9/3/2025			<0.0004	
9/4/2025	<0.0004	<0.0004		<0.0004

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

Time Series

Constituent: Beryllium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.0004		
12/8/2016	<0.0004	<0.0004	
3/22/2017	<0.0004		
3/23/2017		<0.0004	
7/11/2017	<0.0004		
7/12/2017		<0.0004	
10/18/2017	<0.0004		
10/19/2017		<0.0004	
2/21/2018	<0.0004	<0.0004	
7/12/2018	<0.0004	<0.0004	
9/13/2018	<0.0004		
9/14/2018		<0.0004	
10/4/2018		<0.0004	
8/21/2019	<0.0004		
8/22/2019		<0.0004	
8/26/2020	<0.0004	<0.0004	
9/15/2021	<0.0004		
9/16/2021		<0.0004	
1/26/2022	<0.0004		
1/27/2022		<0.0004	<0.0004
8/24/2022	<0.0004	<0.0004	
8/26/2022			<0.0004
2/15/2023	<0.0004		
2/16/2023		<0.0004	<0.0004
9/19/2023	<0.0004		
9/21/2023		<0.0004	<0.0004
2/27/2024	<0.0004		
2/29/2024		<0.0004	<0.0004
8/13/2024	<0.0004		
8/15/2024		<0.0004	<0.0004
3/12/2025	<0.0004		
3/13/2025		<0.0004	<0.0004
9/4/2025	<0.0004		
9/5/2025		<0.0004	<0.0004

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

Time Series

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	0.0132 (J)			
10/18/2016			0.0174 (J)	0.0156 (J)
12/6/2016	0.0096 (J)		0.0133 (J)	
12/7/2016				0.0157 (J)
3/21/2017	0.0082 (J)		0.0103 (J)	
3/23/2017				0.0103 (J)
7/11/2017	0.0067 (J)		<0.04	<0.04
10/17/2017	0.0083 (J)		0.0116 (J)	0.0142 (J)
2/20/2018	0.024 (J)		0.046 (J)	0.011 (J)
4/12/2018		0.016 (J)		
5/23/2018		0.018 (J)		
6/13/2018		0.014 (J)		
7/11/2018	0.017 (J)	0.017 (J)	0.014 (J)	0.014 (J)
8/17/2018		0.015 (J)		
9/12/2018	0.012 (J)	0.013 (J)	0.0098 (J)	
9/13/2018				0.013 (J)
10/4/2018		0.016 (J)		
10/24/2018		0.018 (J)		
3/26/2019	0.0082 (J)		0.0076 (J)	
3/27/2019		0.016 (J)		0.012 (J)
10/1/2019	0.0064 (J)			0.011 (J)
10/2/2019		0.011 (J)	0.0084 (J)	
3/24/2020	0.013 (J)	0.015 (J)		
3/25/2020			0.011 (J)	0.016 (J)
10/6/2020	0.015 (J)	0.018 (J)	0.011 (J)	0.015 (J)
3/3/2021	0.01 (J)		0.0087 (J)	0.022 (J)
3/8/2021		0.013 (J)		
9/14/2021	<0.04	0.011 (J)		0.012 (J)
9/15/2021			<0.04	
1/25/2022	0.01 (J)	0.013 (J)		
1/26/2022			<0.04	0.01 (J)
8/24/2022	0.011 (J)	0.012 (J)	<0.04	0.022 (J)
2/14/2023	0.011 (J)	0.01 (J)	<0.04	0.012 (J)
9/19/2023	0.024 (J)	0.011 (J)	0.022 (J)	0.011 (J)
2/27/2024		<0.04		<0.04
2/28/2024	0.016 (J)		0.016 (J)	
8/13/2024	<0.04	0.017 (J)	<0.04	0.017 (J)
3/11/2025	0.01 (J)	0.013 (J)	0.0093 (J)	
3/12/2025				0.014 (J)
9/3/2025	0.0094 (J)	0.013 (J)	0.0089 (J)	0.014 (J)

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

Time Series

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		0.0285 (J)		
9/1/2016	0.379		0.215	
9/6/2016				0.17
12/7/2016	0.394	0.0292 (J)	0.224	0.173
3/21/2017		0.0198 (J)		
3/22/2017	0.365		0.205	0.218
7/11/2017		0.0137 (J)		0.18
7/12/2017	0.267		0.184	
10/18/2017		0.0212 (J)	0.197	0.195
10/19/2017	0.326			
2/20/2018		0.026 (J)		
2/21/2018	0.29		0.21	0.21
7/11/2018		0.026 (J)		
7/12/2018	0.32		0.23	0.21
9/12/2018		0.02 (J)		
9/13/2018	0.31		0.22	0.21
3/27/2019		0.023 (J)		0.21
3/28/2019	0.33		0.22	
10/2/2019		0.021 (J)	0.17	0.19
10/3/2019	0.24			
3/25/2020		0.027 (J)		
3/26/2020	0.24		0.21	0.19
10/6/2020		0.026 (J)		0.19
10/7/2020	0.2		0.19	
3/3/2021		0.028 (J)		
3/4/2021	0.2		0.16	0.2
9/15/2021		0.022 (J)	0.16	0.16
9/16/2021	0.18			
1/26/2022		0.022 (J)	0.22	0.19
1/27/2022	0.23			
8/25/2022	0.2	0.032 (J)	0.21	0.24
2/14/2023		0.023 (J)		
2/15/2023	0.21		0.21	0.19
9/19/2023				0.19
9/20/2023	0.19	0.027 (J)	0.18	
2/28/2024	0.17		0.2	
2/29/2024		0.03 (J)		0.18
8/14/2024		0.035 (J)	0.18	0.19
8/15/2024	0.19			
3/12/2025		0.029 (J)		0.2
3/13/2025	0.18		0.2	
9/3/2025	0.17			0.18
9/4/2025			0.18	
9/5/2025		0.03 (J)		

Time Series

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				0.166
9/7/2016	0.276	0.355	0.573	
12/7/2016				0.182
12/8/2016	0.303	0.351	0.588	
3/21/2017				0.172
3/22/2017	0.342	0.405		
3/23/2017			0.703	
7/11/2017				0.149
7/12/2017	0.278	0.35	0.598	
10/18/2017	0.277	0.37		0.158
10/19/2017			0.66	
2/20/2018				0.16
2/21/2018	0.29	0.33	0.6	
7/11/2018				0.17
7/12/2018			0.64	
8/15/2018		0.37		
8/16/2018	0.33			
9/13/2018		0.37		0.16
9/14/2018	0.31		0.57	
3/27/2019		0.41		0.18
3/28/2019	0.34		0.7	
9/10/2019				0.15
10/2/2019	0.28			
10/3/2019		0.35	0.52	
3/25/2020	0.33			0.19
3/26/2020		0.36	0.6	
10/6/2020				0.16
10/7/2020	0.3	0.39	0.52	
3/3/2021			0.5	0.16
3/4/2021	0.22	0.37		
9/15/2021				0.15
9/16/2021	0.22	0.31	0.46	
1/26/2022				0.14
1/27/2022	0.21	0.4	0.55	
8/25/2022	0.19 (J)	0.39	0.58	0.17 (J)
2/14/2023				0.13
2/15/2023		0.35	0.54	
2/16/2023	0.15			
9/20/2023	0.1	0.41	0.62	0.15
2/28/2024				0.12
2/29/2024	0.13	0.35	0.43	
8/14/2024		0.37	0.35	0.16
8/15/2024	0.053			
3/12/2025	0.079	0.41	0.66	
3/13/2025				0.14
9/3/2025			0.35 (J)	
9/4/2025	0.054	0.34		0.17

Time Series

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.204		
12/8/2016	0.216	0.375	
3/22/2017	0.247		
3/23/2017		0.396	
7/11/2017	0.194		
7/12/2017		0.343	
10/18/2017	0.186		
10/19/2017		0.413	
2/21/2018	0.22	0.36	
7/12/2018	0.22	0.41	
9/13/2018	0.2		
9/14/2018		0.38	
10/4/2018		0.39	
3/27/2019	0.22		
3/28/2019		0.39	
10/2/2019	0.21		
10/3/2019		0.36	
3/25/2020	0.21		
3/26/2020		0.38	
10/7/2020	0.18	0.35	
3/3/2021	0.2		
3/4/2021		0.34	
9/15/2021	0.17		
9/16/2021		0.31	
1/26/2022	0.2		
1/27/2022		0.36	0.19
8/24/2022	0.19	0.32	
8/26/2022			0.18
2/15/2023	0.17		
2/16/2023		0.31	0.16
9/19/2023	0.18		
9/21/2023		0.45	0.2
2/27/2024	0.17		
2/29/2024		0.32	0.17
8/13/2024	0.18		
8/15/2024		0.35	0.18
3/12/2025	0.19		
3/13/2025		0.34	0.18
9/4/2025	0.17		
9/5/2025		0.37	0.18

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.0005			
10/18/2016			<0.0005	<0.0005
12/6/2016	<0.0005		<0.0005	
12/7/2016				<0.0005
3/21/2017	<0.0005		<0.0005	
3/23/2017				<0.0005
7/11/2017	<0.0005		<0.0005	<0.0005
10/17/2017	<0.0005		<0.0005	<0.0005
2/20/2018	<0.0005		<0.0005	<0.0005
4/12/2018		<0.0005		
5/23/2018		<0.0005		
6/13/2018		<0.0005		
7/11/2018	<0.0005	<0.0005	<0.0005	<0.0005
8/17/2018		<0.0005		
9/12/2018	<0.0005	<0.0005	<0.0005	
9/13/2018				<0.0005
10/4/2018		<0.0005		
10/24/2018		<0.0005		
8/20/2019	<0.0005			<0.0005
8/21/2019		<0.0005	<0.0005	
8/25/2020	<0.0005		<0.0005	<0.0005
8/26/2020		<0.0005		
9/14/2021	<0.0005	<0.0005		<0.0005
9/15/2021			<0.0005	
1/25/2022	<0.0005	<0.0005		
1/26/2022			<0.0005	<0.0005
8/24/2022	<0.0005	<0.0005	<0.0005	<0.0005
2/14/2023	<0.0005	<0.0005	<0.0005	<0.0005
9/19/2023	<0.0005	<0.0005	<0.0005	<0.0005
2/27/2024		<0.0005		<0.0005
2/28/2024	<0.0005		<0.0005	
8/13/2024	<0.0005	<0.0005	<0.0005	<0.0005
3/11/2025	0.00016 (J)	<0.0005	<0.0005	
3/12/2025				<0.0005
9/3/2025	<0.0005	<0.0005	<0.0005	<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.0005		
9/1/2016	<0.0005		<0.0005	
9/6/2016				<0.0005
12/7/2016	<0.0005	<0.0005	<0.0005	<0.0005
3/21/2017		<0.0005		
3/22/2017	<0.0005		<0.0005	<0.0005
7/11/2017		<0.0005		<0.0005
7/12/2017	<0.0005		<0.0005	
10/18/2017		<0.0005	<0.0005	<0.0005
10/19/2017	<0.0005			
2/20/2018		<0.0005		
2/21/2018	<0.0005		<0.0005	<0.0005
7/11/2018		<0.0005		
7/12/2018	<0.0005		<0.0005	<0.0005
9/12/2018		<0.0005		
9/13/2018	<0.0005		<0.0005	<0.0005
8/21/2019		<0.0005	<0.0005	<0.0005
8/22/2019	<0.0005			
8/26/2020	<0.0005	<0.0005	<0.0005	<0.0005
9/15/2021		<0.0005	<0.0005	<0.0005
9/16/2021	<0.0005			
1/26/2022		<0.0005	<0.0005	<0.0005
1/27/2022	<0.0005			
8/25/2022	<0.0005	<0.0005	<0.0005	<0.0005
2/14/2023		<0.0005		
2/15/2023	<0.0005		<0.0005	<0.0005
9/19/2023				<0.0005
9/20/2023	<0.0005	<0.0005	<0.0005	
2/28/2024	<0.0005		<0.0005	
2/29/2024		<0.0005		<0.0005
8/14/2024		<0.0005	<0.0005	<0.0005
8/15/2024	<0.0005			
3/12/2025		<0.0005		<0.0005
3/13/2025	<0.0005		<0.0005	
9/3/2025	<0.0005			<0.0005
9/4/2025			<0.0005	
9/5/2025		<0.0005		

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				0.0002 (J)
9/7/2016	<0.0005	<0.0005	<0.0005	
12/7/2016				0.0002 (J)
12/8/2016	<0.0005	<0.0005	<0.0005	
3/21/2017				<0.0005
3/22/2017	<0.0005	<0.0005		
3/23/2017			<0.0005	
7/11/2017				<0.0005
7/12/2017	<0.0005	<0.0005	<0.0005	
10/18/2017	<0.0005	<0.0005		<0.0005
10/19/2017			<0.0005	
2/20/2018				<0.0005
2/21/2018	<0.0005	<0.0005	<0.0005	
7/11/2018				<0.0005
7/12/2018			<0.0005	
8/15/2018		<0.0005		
8/16/2018	<0.0005			
9/13/2018		<0.0005		<0.0005
9/14/2018	<0.0005		<0.0005	
8/21/2019				<0.0005
8/22/2019	<0.0005	<0.0005	<0.0005	
8/26/2020	<0.0005		<0.0005	<0.0005
8/27/2020		<0.0005		
9/15/2021				<0.0005
9/16/2021	<0.0005	<0.0005	<0.0005	
1/26/2022				<0.0005
1/27/2022	<0.0005	<0.0005	<0.0005	
8/25/2022	<0.0005	<0.0005	<0.0005	<0.0005
2/14/2023				<0.0005
2/15/2023		<0.0005	<0.0005	
2/16/2023	<0.0005			
9/20/2023	<0.0005	<0.0005	<0.0005	<0.0005
2/28/2024				<0.0005
2/29/2024	<0.0005	<0.0005	<0.0005	
8/14/2024		<0.0005	<0.0005	<0.0005
8/15/2024	<0.0005			
3/12/2025	<0.0005	<0.0005	<0.0005	
3/13/2025				<0.0005
9/3/2025			<0.0005	
9/4/2025	<0.0005	<0.0005		<0.0005

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

Time Series

Constituent: Cadmium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.0005		
12/8/2016	<0.0005	<0.0005	
3/22/2017	<0.0005		
3/23/2017		0.0001 (J)	
7/11/2017	<0.0005		
7/12/2017		<0.0005	
10/18/2017	<0.0005		
10/19/2017		<0.0005	
2/21/2018	<0.0005	<0.0005	
7/12/2018	<0.0005	<0.0005	
9/13/2018	<0.0005		
9/14/2018		<0.0005	
10/4/2018		<0.0005	
8/21/2019	<0.0005		
8/22/2019		<0.0005	
8/26/2020	<0.0005	<0.0005	
9/15/2021	<0.0005		
9/16/2021		<0.0005	
1/26/2022	<0.0005		
1/27/2022		<0.0005	<0.0005
8/24/2022	<0.0005	<0.0005	
8/26/2022			<0.0005
2/15/2023	<0.0005		
2/16/2023		<0.0005	<0.0005
9/19/2023	<0.0005		
9/21/2023		<0.0005	<0.0005
2/27/2024	<0.0005		
2/29/2024		<0.0005	<0.0005
8/13/2024	<0.0005		
8/15/2024		<0.0005	<0.0005
3/12/2025	<0.0005		
3/13/2025		<0.0005	<0.0005
9/4/2025	<0.0005		
9/5/2025		<0.0005	<0.0005

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	40.4			
10/18/2016			88.3	57.2
12/6/2016	43.3		83.4	
12/7/2016				52.8
3/21/2017	44.1		94	
3/23/2017				59.1
7/11/2017	47.4		86	59.7
10/17/2017	48.7		91.6	64.9
2/20/2018	46.8		86.5	64.1
4/12/2018		<25		
5/23/2018		17.6 (J)		
6/13/2018		14.3		
7/11/2018	65.3	15.6	95.4	60.4
8/17/2018		27		
9/12/2018	46.6	26.9	86	
9/13/2018				58.7
10/4/2018		25		
10/24/2018		23.8		
3/26/2019	43.3		87.3	
3/27/2019		26.1		54.6
10/1/2019	46.8			64.3
10/2/2019		21	95.5	
3/24/2020	48	26.5		
3/25/2020			95.8	66.6
10/6/2020	50.5	22.7	98.8	62.8
3/3/2021	54.7		104	64.8
3/8/2021		41.7		
9/14/2021	51	13.4		67.8
9/15/2021			101	
1/25/2022	53.1	20.7		
1/26/2022			102	69.2
8/24/2022	45.8	27.3	95.2	67.1
2/14/2023	56.2	30.2	99.9	69.3
9/19/2023	44.7	13.7	86.9	64.6
2/27/2024		19.2		67.5
2/28/2024	55		99.9	
8/13/2024	48.5	14.5	93.2	67.6
3/11/2025	47.9	20.8	92.3	
3/12/2025				66.8
9/3/2025	43.2	10.9	90.1	62.2

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

Time Series

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		92.9		
9/1/2016	101		74.8	
9/6/2016				74.6
12/7/2016	103	93.1	74	68.9
3/21/2017		95		
3/22/2017	111		99.3	77.8
7/11/2017		97.1		77.3
7/12/2017	119		91.4	
10/18/2017		100	92	84.7
10/19/2017	107			
2/20/2018		93.1		
2/21/2018	118		89	81.8
7/11/2018		111		
7/12/2018	121		94.5	85.2
9/12/2018		99.3		
9/13/2018	116		90.8	80.2
3/27/2019		105		90.5
3/28/2019	124		100	
10/2/2019		103	101	89.1
10/3/2019	127			
3/25/2020		105		
3/26/2020	122		103	89.8
10/6/2020		111		84
10/7/2020	109		93.5	
3/3/2021		114		
3/4/2021	122		107	90.9
9/15/2021		106	94	91
9/16/2021	109			
1/26/2022		114	100	90.1
1/27/2022	112			
8/25/2022	107	108	96.7	92
2/14/2023		103		
2/15/2023	114		98.1	88.5
9/19/2023				83.3
9/20/2023	94.3	98.2	89.3	
2/28/2024	104		95.4	
2/29/2024		103		89.9
8/14/2024		100	98	97.5
8/15/2024	104			
3/12/2025		100		93.4
3/13/2025	95.8		92.8	
9/3/2025	93.1			93.2
9/4/2025			91.1	
9/5/2025		99.4		

Time Series

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				132
9/7/2016	100	112	138	
12/7/2016				125
12/8/2016	102	113	135	
3/21/2017				138
3/22/2017	113	122		
3/23/2017			137	
7/11/2017				139
7/12/2017	110	129	145	
10/18/2017	122	125		144
10/19/2017			140	
2/20/2018				142
2/21/2018	107	118	145	
7/11/2018				159
7/12/2018			140	
8/15/2018		123		
8/16/2018	113			
9/13/2018		123		136
9/14/2018	108		124	
3/27/2019		134		152
3/28/2019	123		164	
9/10/2019				137
10/2/2019	115			
10/3/2019		139	125	
3/25/2020	121			157
3/26/2020		138	158	
10/6/2020				144
10/7/2020	112	129	144	
3/3/2021			142	154
3/4/2021	113	138		
9/15/2021				147
9/16/2021	102	135	137	
1/26/2022				152
1/27/2022	104	142	133	
8/25/2022	99.5	141	156	145
2/14/2023				139
2/15/2023		164	144	
2/16/2023	94.1			
9/20/2023	73.3	129	143	131
2/28/2024				144
2/29/2024	87.8	152	146	
8/14/2024		139	118	141
8/15/2024	71.2			
3/12/2025	74.6	142	137	
3/13/2025				137
9/3/2025			100	
9/4/2025	64.4	127 (M1)		131

Time Series

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	85.2		
12/8/2016	84.5	117	
3/22/2017	85.3		
3/23/2017		122	
7/11/2017	93		
7/12/2017		124	
10/18/2017	87.6		
10/19/2017		118	
2/21/2018	93.9	122	
7/12/2018	87.1	129	
9/13/2018	85.8		
9/14/2018		123	
10/4/2018		126	
3/27/2019	95.2		
3/28/2019		117	
10/2/2019	92.3		
10/3/2019		110	
3/25/2020	97.5		
3/26/2020		122	
10/7/2020	84.2	94.7	
3/3/2021	96.8		
3/4/2021		106	
9/15/2021	84.4		
9/16/2021		92	
1/26/2022	90.2		
1/27/2022		92.5	106
8/24/2022	87.6	96.5	
8/26/2022			95.5
2/15/2023	86.9		
2/16/2023		92.2	91.6
9/19/2023	80.3		
9/21/2023		81.4	79.5
2/27/2024	94.6		
2/29/2024		100	101
8/13/2024	88.7		
8/15/2024		99.2	98.3
3/12/2025	90.7		
3/13/2025		97.8	96.3
9/4/2025	80.8		
9/5/2025		114	96

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	3.1			
10/18/2016			4.5	3.5
12/6/2016	3.4		5	
12/7/2016				3.2
3/21/2017	2.9		4.3	
3/23/2017				2.9
7/11/2017	3.4		4.7	3.1
10/17/2017	3.3		4.6	3
2/20/2018	3.3		4.4	3
4/12/2018		2.6		
5/23/2018		2.5		
6/13/2018		2.5		
7/11/2018	2.9	2.6	4	2.8
8/17/2018		2.6		
9/12/2018	2.8	2.3	3.7	
9/13/2018				2.2
10/4/2018		2.7		
10/24/2018		2.8		
3/26/2019	3.3		3.8	
3/27/2019		2.5		3.1
10/1/2019	3.6			3.1
10/2/2019		2.7	4.3	
3/24/2020	2.8	2.2		
3/25/2020			3	2.2
10/6/2020	3	2.3	3.4	2.3
3/3/2021	2.8		3.1	2.2
3/8/2021		2.4		
9/14/2021	2.9	2.5		2.2
9/15/2021			2.8	
1/25/2022	2.9	2.4		
1/26/2022			3.2	2.4
8/24/2022	2.6	2.1	3	2.7
2/14/2023	3	2.6	3.3	2.7
9/19/2023	2.9	2.3	3.4	2.6
2/27/2024		2.4		2.5
2/28/2024	2.8		3.1	
8/13/2024	2.9	2.4	3.2	2.5
3/11/2025	3.1	2.6	3.5	
3/12/2025				2.6
9/3/2025	3	2.5	3.4	2.4

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		4.9		
9/1/2016	7.4		7	
9/6/2016				7.9
12/7/2016	7.6	4.8	7	7.6
3/21/2017		4.9		
3/22/2017	7.2		7.4	7.7
7/11/2017		5		8.1
7/12/2017	7.3		8	
10/18/2017		5.1	7.8	8.2
10/19/2017	7.4			
2/20/2018		5.1		
2/21/2018	7.6		7.2	7.3
7/11/2018		4.9		
7/12/2018	7.1		7.5	7.2
9/12/2018		4.8		
9/13/2018	6.6		6.8	7.3
3/27/2019		5.2		7.3
3/28/2019	6.4		7.4	
10/2/2019		5.4	8	7.7
10/3/2019	5.9			
3/25/2020		4.2		
3/26/2020	4.8		7	7
10/6/2020		4.4		6.4
10/7/2020	3.9		6.6	
3/3/2021		4.2		
3/4/2021	4		6.3	5.9
9/15/2021		3.9	5.8	5.6
9/16/2021	3.3			
1/26/2022		4.4	6.3	6.1
1/27/2022	3.8			
8/25/2022	4.1	4.6	6.4	6.3
2/14/2023		4.5		
2/15/2023	4.3		6.2	6.2
9/19/2023				5.9
9/20/2023	3.4	4.3	6.2	
2/28/2024	3.3		5.9	
2/29/2024		4.3		5.9
8/14/2024		4.4	6.1	5.9
8/15/2024	3.3			
3/12/2025		4.6		6.1
3/13/2025	3.1		5.6	
9/3/2025	3.3			5.7
9/4/2025			5.9	
9/5/2025		4.3		

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				5.1
9/7/2016	7.7	6.9	6.8	
12/7/2016				5.2
12/8/2016	7.2	6.8	6.6	
3/21/2017				5.5
3/22/2017	7.3	6.8		
3/23/2017			6.6	
7/11/2017				5.7
7/12/2017	7.4	6.7	6.6	
10/18/2017	7.6	6.8		5.1
10/19/2017			6.5	
2/20/2018				5.5
2/21/2018	7.4	7.1	7.6	
7/11/2018				5.1
7/12/2018			6.3	
8/15/2018		6.7		
8/16/2018	7.5			
9/13/2018		6.7		5
9/14/2018	7.7		6.1	
3/27/2019		6.5		4.7
3/28/2019	7.3		6.4	
9/10/2019				3.8
10/2/2019	7.9			
10/3/2019		7	5.6	
3/25/2020	6.1			6.4
3/26/2020		5.7	5.4	
10/6/2020				7
10/7/2020	5.7	5	4.5	
3/3/2021			4	4.7
3/4/2021	4.2	5.1		
9/15/2021				2.8
9/16/2021	4.2	4.7	3.5	
1/26/2022				3.6
1/27/2022	3.8	4.9	3.7	
8/25/2022	3.9	4.6	4.6	3.2
2/14/2023				3.8
2/15/2023		4.5	4.1	
2/16/2023	3.1			
9/20/2023	2.1	4.2	4.1	2.8
2/28/2024				3.6
2/29/2024	2.4	4.1	3.3	
8/14/2024		4.2	2.5	2.8
8/15/2024	1.3			
3/12/2025	1.8	4.3	4.3	
3/13/2025				3.3
9/3/2025			2.6	
9/4/2025	1.5	4.1		3.7

Time Series

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	4		
12/8/2016	3.6	6.9	
3/22/2017	3.3		
3/23/2017		6.2	
7/11/2017	3		
7/12/2017		6	
10/18/2017	2.9		
10/19/2017		6.4	
2/21/2018	2.9	6.9	
7/12/2018	2.6	7.3	
9/13/2018	2.3		
9/14/2018		7.3	
10/4/2018		7	
3/27/2019	2.4		
3/28/2019		4.8	
10/2/2019	2.6		
10/3/2019		4.1	
3/25/2020	1.6		
3/26/2020		2.9	
10/7/2020	1.8	2	
3/3/2021	1.6		
3/4/2021		1.8	
9/15/2021	1.8		
9/16/2021		1.5	
1/26/2022	1.7		
1/27/2022		1.8	3.2
8/24/2022	1.8	1.8	
8/26/2022			2.4
2/15/2023	1.8		
2/16/2023		2.3	2.2
9/19/2023	1.6		
9/21/2023		2.8	2
2/27/2024	1.5		
2/29/2024		2.7	1.9
8/13/2024	1.6		
8/15/2024		2.9	2
3/12/2025	1.8		
3/13/2025		3	1.9
9/4/2025	1.7		
9/5/2025		3.2	2.2

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	0.0039 (J)			
10/18/2016			<0.005	<0.005
12/6/2016	0.0047 (J)		<0.005	
12/7/2016				<0.005
3/21/2017	0.0047 (J)		0.0006 (J)	
3/23/2017				0.0005 (J)
7/11/2017	0.0054 (J)		0.0006 (J)	<0.005
10/17/2017	0.0053 (J)		0.0008 (J)	0.0005 (J)
2/20/2018	0.0029 (J)		<0.005	<0.005
4/12/2018		0.01		
5/23/2018		0.011		
6/13/2018		0.011		
7/11/2018	0.0057 (J)	0.0096 (J)	<0.005	<0.005
8/17/2018		0.0078 (J)		
9/12/2018	0.0033 (J)	0.0056 (J)	<0.005	
9/13/2018				<0.005
10/4/2018		0.0057 (J)		
10/24/2018		0.0058 (J)		
8/20/2019	0.0028 (J)			0.00044 (J)
8/21/2019		0.0057 (J)	0.0016 (J)	
10/1/2019	0.0022 (J)			<0.005
10/2/2019		0.0049 (J)	0.00043 (J)	
3/24/2020	0.0036 (J)	0.0047 (J)		
3/25/2020			0.0013 (J)	0.00086 (J)
8/25/2020	0.003 (J)		0.0011 (J)	0.001 (J)
8/26/2020		0.004 (J)		
10/6/2020	0.0021 (J)	0.0065 (J)	0.0013 (J)	0.00072 (J)
3/3/2021	0.0018 (J)		0.0015 (J)	<0.005
3/8/2021		0.0028 (J)		
9/14/2021	0.002 (J)	0.0084		<0.005
9/15/2021			0.0014 (J)	
1/25/2022	0.0025 (J)	0.0098		
1/26/2022			0.0015 (J)	<0.005
8/24/2022	0.0025 (J)	0.0066	0.0015 (J)	<0.005
2/14/2023	0.0015 (J)	0.0041 (J)	0.0011 (J)	<0.005
9/19/2023	0.0015 (J)	0.0071	0.0012 (J)	<0.005
2/27/2024		0.009		<0.005
2/28/2024	<0.005		<0.005	
8/13/2024	<0.005	0.0079	<0.005	<0.005
3/11/2025	<0.005	0.0068	0.0015 (J)	
3/12/2025				<0.005
9/3/2025	0.0019 (J)	0.0096	0.0015 (J)	<0.005

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.005		
9/1/2016	<0.01		<0.005	
9/6/2016				<0.005
12/7/2016	0.003 (J)	<0.005	<0.005	<0.005
3/21/2017		<0.005		
3/22/2017	0.0005 (J)		<0.005	0.0008 (J)
7/11/2017		<0.005		<0.005
7/12/2017	<0.01		<0.005	
10/18/2017		<0.005	<0.005	<0.005
10/19/2017	0.0005 (J)			
2/20/2018		<0.005		
2/21/2018	<0.01		<0.005	<0.005
7/11/2018		<0.005		
7/12/2018	<0.01		<0.005	<0.005
9/12/2018		<0.005		
9/13/2018	<0.01		<0.005	<0.005
8/21/2019		0.00073 (J)	0.00048 (J)	0.00095 (J)
8/22/2019	0.0013 (J)			
10/2/2019		<0.005	<0.005	0.00044 (J)
10/3/2019	0.0004 (J)			
3/25/2020		0.0013 (J)		
3/26/2020	0.0016 (J)		<0.005	0.0013 (J)
8/26/2020	0.0011 (J)	0.0011 (J)	<0.005	0.00087 (J)
10/6/2020		0.00098 (J)		0.0011 (J)
10/7/2020	0.0014 (J)		<0.005	
3/3/2021		0.00097 (J)		
3/4/2021	0.0024 (J)		<0.005	0.0012 (J)
9/15/2021		0.0014 (J)	<0.005	0.0011 (J)
9/16/2021	0.0025 (J)			
1/26/2022		0.0012 (J)	<0.005	0.0013 (J)
1/27/2022	0.0034 (J)			
8/25/2022	0.0024 (J)	0.0014 (J)	<0.005	0.0012 (J)
2/14/2023		0.0018 (J)		
2/15/2023	0.0034 (J)		<0.005	<0.005
9/19/2023				<0.005
9/20/2023	0.0022 (J)	0.002 (J)	<0.005	
2/28/2024	0.0025 (J)		<0.005	
2/29/2024		<0.005		<0.005
8/14/2024		<0.005	<0.005	<0.005
8/15/2024	0.0026 (J)			
3/12/2025		0.0015 (J)		0.0013 (J)
3/13/2025	0.0021 (J)		<0.005	
9/3/2025	0.0024 (J)			<0.005
9/4/2025			<0.005	
9/5/2025		0.0017 (J)		

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.005
9/7/2016	<0.005	<0.005	<0.005	
12/7/2016				<0.005
12/8/2016	<0.005	<0.005	<0.005	
3/21/2017				0.0009 (J)
3/22/2017	<0.005	<0.005		
3/23/2017			<0.005	
7/11/2017				0.0016 (J)
7/12/2017	<0.005	<0.005	<0.005	
10/18/2017	<0.005	<0.005		0.0019 (J)
10/19/2017			<0.005	
2/20/2018				<0.005
2/21/2018	<0.005	<0.005	<0.005	
7/11/2018				0.0021 (J)
7/12/2018			<0.005	
8/15/2018		<0.005		
8/16/2018	<0.005			
9/13/2018		<0.005		0.0022 (J)
9/14/2018	<0.005		<0.005	
8/21/2019				0.0024 (J)
8/22/2019	<0.005	0.00081 (J)	<0.005	
9/10/2019				0.0044 (J)
10/2/2019	<0.005			
10/3/2019		<0.005	<0.005	
3/25/2020	<0.005			0.0012 (J)
3/26/2020		0.00056 (J)	0.00073 (J)	
8/26/2020	<0.005		<0.005	0.0014 (J)
8/27/2020		<0.005		
10/6/2020				0.0015 (J)
10/7/2020	<0.005	<0.005	<0.005	
3/3/2021			<0.005	0.0015 (J)
3/4/2021	<0.005	<0.005		
9/15/2021				0.0019 (J)
9/16/2021	<0.005	<0.005	<0.005	
1/26/2022				0.0028 (J)
1/27/2022	<0.005	<0.005	<0.005	
8/25/2022	<0.005	<0.005	<0.005	0.0022 (J)
2/14/2023				0.0024 (J)
2/15/2023		<0.005	<0.005	
2/16/2023	<0.005			
9/20/2023	<0.005	<0.005	<0.005	0.002 (J)
2/28/2024				0.002 (J)
2/29/2024	<0.005	<0.005	<0.005	
8/14/2024		<0.005	<0.005	<0.005
8/15/2024	<0.005			
3/12/2025	<0.005	<0.005	<0.005	
3/13/2025				0.0028 (J)
9/3/2025			0.0019 (J)	
9/4/2025	<0.005	<0.005		0.0021 (J)

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

Time Series

Constituent: Chromium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.005		
12/8/2016	<0.005	<0.005	
3/22/2017	<0.005		
3/23/2017		0.0017 (J)	
7/11/2017	<0.005		
7/12/2017		<0.005	
10/18/2017	<0.005		
10/19/2017		<0.005	
2/21/2018	<0.005	<0.005	
7/12/2018	<0.005	<0.005	
9/13/2018	<0.005		
9/14/2018		<0.005	
10/4/2018		<0.005	
8/21/2019	<0.005		
8/22/2019		<0.005	
10/2/2019	<0.005		
10/3/2019		<0.005	
3/25/2020	<0.005		
3/26/2020		<0.005	
8/26/2020	<0.005	<0.005	
10/7/2020	<0.005	<0.005	
3/3/2021	<0.005		
3/4/2021		<0.005	
9/15/2021	<0.005		
9/16/2021		<0.005	
1/26/2022	<0.005		
1/27/2022		<0.005	<0.005
8/24/2022	<0.005	<0.005	
8/26/2022			<0.005
2/15/2023	<0.005		
2/16/2023		<0.005	<0.005
9/19/2023	<0.005		
9/21/2023		<0.005	0.0013 (J)
2/27/2024	<0.005		
2/29/2024		<0.005	0.0032 (J)
8/13/2024	<0.005		
8/15/2024		<0.005	0.0044 (J)
3/12/2025	<0.005		
3/13/2025		<0.005	0.0059
9/4/2025	<0.005		
9/5/2025		<0.005	0.0068

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.005			
10/18/2016			<0.005	<0.005
12/6/2016	<0.005		0.0018 (J)	
12/7/2016				0.0015 (J)
3/21/2017	<0.005		<0.005	
3/23/2017				<0.005
7/11/2017	<0.005		<0.005	<0.005
10/17/2017	<0.005		<0.005	<0.005
2/20/2018	<0.005		<0.005	<0.005
4/12/2018		<0.005		
5/23/2018		<0.005		
6/13/2018		<0.005		
7/11/2018	<0.005	<0.005	<0.005	<0.005
8/17/2018		<0.005		
9/12/2018	<0.005	<0.005	<0.005	
9/13/2018				<0.005
10/4/2018		<0.005		
10/24/2018		<0.005		
8/20/2019	<0.005			<0.005
8/21/2019		<0.005	<0.005	
10/1/2019	<0.005			<0.005
10/2/2019		<0.005	<0.005	
3/24/2020	<0.005	<0.005		
3/25/2020			<0.005	<0.005
8/25/2020	<0.005		<0.005	<0.005
8/26/2020		<0.005		
10/6/2020	<0.005	<0.005	<0.005	<0.005
3/3/2021	<0.005		<0.005	<0.005
3/8/2021		<0.005		
9/14/2021	<0.005	<0.005		<0.005
9/15/2021			<0.005	
1/25/2022	<0.005	<0.005		
1/26/2022			<0.005	<0.005
8/24/2022	<0.005	<0.005	<0.005	<0.005
2/14/2023	<0.005	<0.005	<0.005	<0.005
9/19/2023	<0.005	<0.005	<0.005	<0.005
2/27/2024		<0.005		<0.005
2/28/2024	0.00037 (J)		<0.005	
8/13/2024	<0.005	<0.005	<0.005	<0.005
3/11/2025	<0.005	<0.005	<0.005	
3/12/2025				<0.005
9/3/2025	<0.005	<0.005	<0.005	<0.005

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.005		
9/1/2016	<0.005		0.0012 (J)	
9/6/2016				0.0005 (J)
12/7/2016	<0.005	0.002 (J)	0.0005 (J)	<0.005
3/21/2017		<0.005		
3/22/2017	<0.005		0.0005 (J)	<0.005
7/11/2017		0.0003 (J)		<0.005
7/12/2017	<0.005		0.0004 (J)	
10/18/2017		<0.005	0.0004 (J)	<0.005
10/19/2017	<0.005			
2/20/2018		<0.005		
2/21/2018	<0.005		<0.005	<0.005
7/11/2018		<0.005		
7/12/2018	<0.005		<0.005	<0.005
9/12/2018		<0.005		
9/13/2018	<0.005		<0.005	<0.005
8/21/2019		<0.005	<0.005	<0.005
8/22/2019	<0.005			
10/2/2019		<0.005	<0.005	<0.005
10/3/2019	<0.005			
3/25/2020		<0.005		
3/26/2020	<0.005		<0.005	<0.005
8/26/2020	<0.005	<0.005	<0.005	<0.005
10/6/2020		<0.005		<0.005
10/7/2020	<0.005		<0.005	
3/3/2021		<0.005		
3/4/2021	<0.005		<0.005	<0.005
9/15/2021		<0.005	<0.005	<0.005
9/16/2021	<0.005			
1/26/2022		<0.005	<0.005	<0.005
1/27/2022	<0.005			
8/25/2022	<0.005	<0.005	<0.005	<0.005
2/14/2023		<0.005		
2/15/2023	<0.005		<0.005	<0.005
9/19/2023				<0.005
9/20/2023	<0.005	<0.005	<0.005	
2/28/2024	<0.005		<0.005	
2/29/2024		<0.005		<0.005
8/14/2024		<0.005	<0.005	<0.005
8/15/2024	<0.005			
3/12/2025		<0.005		<0.005
3/13/2025	<0.005		<0.005	
9/3/2025	<0.005			<0.005
9/4/2025			<0.005	
9/5/2025		<0.005		

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.005
9/7/2016	0.0011 (J)	0.0011 (J)	0.0012 (J)	
12/7/2016				0.0008 (J)
12/8/2016	0.0006 (J)	<0.005	0.0009 (J)	
3/21/2017				<0.005
3/22/2017	0.0006 (J)	<0.005		
3/23/2017			<0.005	
7/11/2017				<0.005
7/12/2017	0.0005 (J)	<0.005	<0.005	
10/18/2017	0.0005 (J)	<0.005		<0.005
10/19/2017			<0.005	
2/20/2018				<0.005
2/21/2018	<0.005	<0.005	<0.005	
7/11/2018				<0.005
7/12/2018			<0.005	
8/15/2018		<0.005		
8/16/2018	<0.005			
9/13/2018		<0.005		<0.005
9/14/2018	<0.005		<0.005	
8/21/2019				<0.005
8/22/2019	<0.005	<0.005	<0.005	
9/10/2019				<0.005
10/2/2019	<0.005			
10/3/2019		<0.005	<0.005	
3/25/2020	0.00032 (J)			0.0003 (J)
3/26/2020		<0.005	<0.005	
8/26/2020	<0.005		<0.005	0.00058 (J)
8/27/2020		<0.005		
10/6/2020				0.00067 (J)
10/7/2020	<0.005	<0.005	<0.005	
3/3/2021			<0.005	0.00049 (J)
3/4/2021	<0.005	<0.005		
9/15/2021				<0.005
9/16/2021	<0.005	<0.005	<0.005	
1/26/2022				<0.005
1/27/2022	<0.005	<0.005	<0.005	
8/25/2022	<0.005	<0.005	<0.005	<0.005
2/14/2023				<0.005
2/15/2023		<0.005	<0.005	
2/16/2023	<0.005			
9/20/2023	<0.005	<0.005	<0.005	<0.005
2/28/2024				<0.005
2/29/2024	<0.005	<0.005	<0.005	
8/14/2024		<0.005	<0.005	<0.005
8/15/2024	<0.005			
3/12/2025	<0.005	<0.005	<0.005	
3/13/2025				<0.005
9/3/2025			<0.005	
9/4/2025	<0.005	<0.005		<0.005

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

Time Series

Constituent: Cobalt (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.0008 (J)		
12/8/2016	<0.005	0.0041 (J)	
3/22/2017	0.001 (J)		
3/23/2017		0.0008 (J)	
7/11/2017	0.001 (J)		
7/12/2017		0.0007 (J)	
10/18/2017	0.0011 (J)		
10/19/2017		0.0005 (J)	
2/21/2018	0.00075 (J)	0.0012 (J)	
7/12/2018	0.0008 (J)	0.00053 (J)	
9/13/2018	0.001 (J)		
9/14/2018		<0.005	
10/4/2018		<0.005	
8/21/2019	0.0015 (J)		
8/22/2019		<0.005	
10/2/2019	0.0017 (J)		
10/3/2019		<0.005	
3/25/2020	0.0018 (J)		
3/26/2020		<0.005	
8/26/2020	0.0016 (J)	<0.005	
10/7/2020	0.0014 (J)	<0.005	
3/3/2021	0.0016 (J)		
3/4/2021		<0.005	
9/15/2021	0.002 (J)		
9/16/2021		<0.005	
1/26/2022	0.0016 (J)		
1/27/2022		<0.005	0.0043 (J)
8/24/2022	0.0016 (J)	<0.005	
8/26/2022			0.0012 (J)
2/15/2023	0.0012 (J)		
2/16/2023		<0.005	0.00051 (J)
9/19/2023	0.0017 (J)		
9/21/2023		<0.005	<0.005
2/27/2024	0.0017 (J)		
2/29/2024		<0.005	<0.005
8/13/2024	0.0021 (J)		
8/15/2024		<0.005	<0.005
3/12/2025	<0.005		
3/13/2025		<0.005	<0.005
9/4/2025	0.0024 (J)		
9/5/2025		<0.005	<0.005

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

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	0.503 (U)			
10/18/2016			0.0311 (U)	0.0333 (U)
12/6/2016	0.302 (U)		0.301 (U)	
12/7/2016				0.507 (U)
3/21/2017	0.526 (U)		0.506 (U)	
3/23/2017				0.378 (U)
7/11/2017	0.676 (U)		0.0701 (U)	1.04
10/17/2017	0.201 (U)		0.412 (U)	0.779 (U)
2/20/2018	1.07 (U)		0.81 (U)	0.906 (U)
4/12/2018		0.774 (U)		
5/23/2018		0.301 (U)		
6/13/2018		0.508 (U)		
7/11/2018	0.825 (U)	1.66	0.749 (U)	0.505 (U)
8/17/2018		0.683 (U)		
9/12/2018	0.317 (U)	0.217 (U)	0.2 (U)	
9/13/2018				0.313 (U)
10/4/2018		1.14		
10/24/2018		0.441 (U)		
8/20/2019	0.595 (U)			0.334 (U)
8/21/2019		0.71 (U)	1.2	
10/1/2019	0.953 (U)			1.01 (U)
10/2/2019		0.712 (U)	0.0883 (U)	
3/24/2020	2.23	0.898 (U)		
3/25/2020			1.79	0.333 (U)
8/25/2020	0.777 (U)		0.405 (U)	0.34 (U)
8/26/2020		0.605 (U)		
10/6/2020	0.996 (U)	0.929 (U)	0.276 (U)	0.371 (U)
3/3/2021	0.915 (U)		0.907 (U)	0.836 (U)
3/8/2021		0.475 (U)		
9/14/2021	0.532 (U)	0.972 (U)		0.68 (U)
9/15/2021			0.0517 (U)	
1/25/2022	0.32 (U)	0.146 (U)		
1/26/2022			0.0386 (U)	0.449 (U)
8/24/2022	0.196 (U)	0.0268 (U)	0.781 (U)	0.342 (U)
2/14/2023	0.319 (U)	0.486 (U)	0.102 (U)	0.151 (U)
9/19/2023	0.55 (U)	0.769 (U)	1.07 (U)	0.804 (U)
2/27/2024		0.588 (U)		1.41
2/28/2024	0.498 (U)		0.186 (U)	
8/13/2024	0 (U)	0.159 (U)	0.334 (U)	0.394 (U)
3/11/2025	0.417 (U)	0.777 (U)	0.631 (U)	
3/12/2025				0.281 (U)
9/3/2025	0.286 (U)	0.751 (U)	0.481 (U)	0.0709 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		1.77		
9/1/2016	0.88 (U)		1.19	
9/6/2016				1.12
12/7/2016	0.179 (U)	0.672 (U)	1.88	1.37
3/21/2017		0.33 (U)		
3/22/2017	0.279 (U)		0.617 (U)	0.435 (U)
7/11/2017		0.701 (U)		0.76 (U)
7/12/2017	0.125 (U)		0.674 (U)	
10/18/2017		0.808 (U)	0.844 (U)	0.847 (U)
10/19/2017	0.329 (U)			
2/20/2018		2.12		
2/21/2018	0.504 (U)		0.842 (U)	0.373 (U)
7/11/2018		0.232 (U)		
7/12/2018	0.188 (U)		0.552 (U)	0.408 (U)
9/12/2018		0.532 (U)		
9/13/2018	0.0542 (U)		0.662 (U)	0.472 (U)
8/21/2019		0.705 (U)	1.86	0.453 (U)
8/22/2019	0.672 (U)			
10/2/2019		0.915 (U)	1 (U)	0.65 (U)
10/3/2019	1.37			
3/25/2020		0.694 (U)		
3/26/2020	0.43 (U)		0.863 (U)	0.522 (U)
8/26/2020	0.572 (U)	0.115 (U)	0.681 (U)	0.499 (U)
10/6/2020		0.265 (U)		1.12 (U)
10/7/2020	0.232 (U)		1.22 (U)	
3/3/2021		0.328 (U)		
3/4/2021	0.529 (U)		0.674 (U)	0.404 (U)
9/15/2021		0.872 (U)	0.729 (U)	0.721 (U)
9/16/2021	0.382 (U)			
1/26/2022		0.185 (U)	0.879 (U)	0.117 (U)
1/27/2022	0.315 (U)			
8/25/2022	0.771 (U)	0.453 (U)	1.05	0.728 (U)
2/14/2023		0.0857 (U)		
2/15/2023	0.496 (U)		0.875 (U)	0.137 (U)
9/19/2023				0.531 (U)
9/20/2023	0.623 (U)	0.707 (U)	0.644 (U)	
2/28/2024	0.676 (U)		0.948 (U)	
2/29/2024		0.433 (U)		0.463 (U)
8/14/2024		0.071 (U)	0.747 (U)	0.937 (U)
8/15/2024	0.591 (U)			
3/12/2025		0.923 (U)		0.73 (U)
3/13/2025	0.253 (U)		0.832 (U)	
9/3/2025	0.567 (U)			0.434 (U)
9/4/2025			1.01 (U)	
9/5/2025		0.146 (U)		

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				1.85
9/7/2016	1.06 (U)	1.51	1.22	
12/7/2016				0.844 (U)
12/8/2016	1.3	1.29	1.69	
3/21/2017				0.832 (U)
3/22/2017	0.566 (U)	0.799 (U)		
3/23/2017			1.07	
7/11/2017				0.824 (U)
7/12/2017	0.856 (U)	0.4 (U)	0.849 (U)	
10/18/2017	0.957	0.613 (U)		1.19
10/19/2017			0.398 (U)	
2/20/2018				0.975 (U)
2/21/2018	1.4	0.736 (U)	1.03 (U)	
7/11/2018				1.29
7/12/2018			1.28 (U)	
8/15/2018		1.02 (U)		
8/16/2018	0.625 (U)			
9/13/2018		0.708 (U)		0.765 (U)
9/14/2018	1.16		0.74 (U)	
8/21/2019				2.31
8/22/2019	0.977 (U)	0.753 (U)	1.37	
9/10/2019				0.575 (U)
10/2/2019	1.34 (U)			
10/3/2019		2.07	1.9	
3/25/2020	0.385 (U)			1.39
3/26/2020		1.05	1.66	
8/26/2020	1.62		0.703 (U)	0.774 (U)
8/27/2020		0.0939 (U)		
10/6/2020				1.24 (U)
10/7/2020	0.432 (U)	0.365 (U)	0.893	
3/3/2021			0.469 (U)	1.01 (U)
3/4/2021	0.734 (U)	0.498 (U)		
9/15/2021				0.742 (U)
9/16/2021	0.377 (U)	0.681 (U)	1.4	
1/26/2022				0.76 (U)
1/27/2022	0.314 (U)	0.418 (U)	0.255 (U)	
8/25/2022	0.98 (U)	0.0434 (U)	0.937	0.396 (U)
2/14/2023				0.521 (U)
2/15/2023		0.828	0.652 (U)	
2/16/2023	0.129 (U)			
9/20/2023	0.684 (U)	0.784 (U)	1.02 (U)	0.235 (U)
2/28/2024				0.261 (U)
2/29/2024	0.621 (U)	0.228 (U)	0.744 (U)	
8/14/2024		0.365 (U)	0.684 (U)	1.15 (U)
8/15/2024	0.846 (U)			
3/12/2025	0.734 (U)	0.325 (U)	0.426 (U)	
3/13/2025				0.162 (U)
9/3/2025			0.793 (U)	
9/4/2025	0.308 (U)	0.299 (U)		0.882 (U)

Time Series

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	1.41		
12/8/2016	1.39	0.968 (U)	
3/22/2017	0.852 (U)		
3/23/2017		0.444 (U)	
7/11/2017	1.04		
7/12/2017		0.814 (U)	
10/18/2017	0.678 (U)		
10/19/2017		0.748 (U)	
2/21/2018	0.863 (U)	1.05 (U)	
7/12/2018	1.42	0.751 (U)	
9/13/2018	0.766 (U)		
9/14/2018		1.01 (U)	
10/4/2018		1.05	
8/21/2019	1.18 (U)		
8/22/2019		0.513 (U)	
10/2/2019	1.48		
10/3/2019		1.62 (U)	
3/25/2020	0.91 (U)		
3/26/2020		0.473 (U)	
8/26/2020	0.95 (U)	0.782 (U)	
10/7/2020	1.01 (U)	0.442 (U)	
3/3/2021	0.545 (U)		
3/4/2021		1.03 (U)	
9/15/2021	1.07 (U)		
9/16/2021		0.184 (U)	
1/26/2022	0.282 (U)		
1/27/2022		0.259 (U)	1.13
8/24/2022	0.764 (U)	0.764 (U)	
8/26/2022			0.488 (U)
2/15/2023	0.484 (U)		
2/16/2023		0.765	0.193 (U)
9/19/2023	1.21 (U)		
9/21/2023		0.809 (U)	0.401 (U)
2/27/2024	0.437 (U)		
2/29/2024		0.478 (U)	0.7 (U)
8/13/2024	0.818 (U)		
8/15/2024		0.387 (U)	0.8 (U)
3/12/2025	0.379 (U)		
3/13/2025		0.519 (U)	0.512 (U)
9/4/2025	0.743 (U)		
9/5/2025		0.389 (U)	0.66 (U)

Time Series

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	0.06 (J)			
10/18/2016			0.16 (J)	0.11 (J)
12/6/2016	0.06 (J)		0.15 (J)	
12/7/2016				0.07 (J)
3/21/2017	0.004 (J)		0.02 (J)	
3/23/2017				<0.1
7/11/2017	0.05 (J)		0.06 (J)	0.02 (J)
10/17/2017	<0.1		0.05 (J)	<0.1
2/20/2018	0.098 (J)		0.21 (J)	<0.1
4/12/2018		<0.1		
5/23/2018		0.063 (J)		
6/13/2018		0.11 (J)		
7/11/2018	<0.1	<0.1	0.087 (J)	<0.1
8/17/2018		<0.1		
9/12/2018	0.034 (J)	0.093 (J)	0.049 (J)	
9/13/2018				<0.1
10/4/2018		0.15 (J)		
10/24/2018		0.29 (J)		
3/26/2019	<0.1		<0.1	
3/27/2019		0.04 (J)		<0.1
8/20/2019	<0.1			<0.1
8/21/2019		0.046 (J)	<0.1	
10/1/2019	0.062 (J)			0.042 (J)
10/2/2019		0.11 (J)	0.057 (J)	
3/24/2020	<0.1	0.051 (J)		
3/25/2020			<0.1	<0.1
8/25/2020	<0.1		<0.1	<0.1
8/26/2020		0.057 (J)		
10/6/2020	<0.1	0.073 (J)	<0.1	<0.1
3/3/2021	<0.1		<0.1	<0.1
3/8/2021		<0.1		
9/14/2021	<0.1	0.089 (J)		<0.1
9/15/2021			<0.1	
1/25/2022	<0.1	0.071 (J)		
1/26/2022			<0.1	<0.1
8/24/2022	0.08 (J)	0.088 (J)	0.069 (J)	0.058 (J)
2/14/2023	0.063 (J)	0.076 (J)	0.059 (J)	<0.1
9/19/2023	0.06 (J)	0.094 (J)	0.053 (J)	<0.1
2/27/2024		0.084 (J)		<0.1
2/28/2024	<0.1		0.06 (J)	
8/13/2024	<0.1	0.083 (J)	<0.1	<0.1
3/11/2025	<0.1	0.052 (J)	<0.1	
3/12/2025				<0.1
9/3/2025	<0.1	0.07 (J)	<0.1	<0.1

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		0.13 (J)		
9/1/2016	<0.1		0.06 (J)	
9/6/2016				0.09 (J)
12/7/2016	0.15 (J)	0.07 (J)	0.09 (J)	0.09 (J)
3/21/2017		<0.1		
3/22/2017	0.09 (J)		0.11 (J)	0.04 (J)
7/11/2017		0.05 (J)		0.05 (J)
7/12/2017	0.02 (J)		0.23 (J)	
10/18/2017		0.11 (J)	0.19 (J)	0.04 (J)
10/19/2017	<0.1			
2/20/2018		0.04 (J)		
2/21/2018	0.045 (J)		0.093 (J)	<0.1
7/11/2018		<0.1		
7/12/2018	<0.1		<0.1	<0.1
9/12/2018		<0.1		
9/13/2018	<0.1		0.15 (J)	<0.1
3/27/2019		<0.1		<0.1
3/28/2019	<0.1		0.1 (J)	
8/21/2019		<0.1	0.044 (J)	<0.1
8/22/2019	<0.1			
10/2/2019		0.056 (J)	0.075 (J)	0.053 (J)
10/3/2019	0.041 (J)			
3/25/2020		<0.1		
3/26/2020	<0.1		0.056 (J)	<0.1
8/26/2020	<0.1	<0.1	<0.1	<0.1
10/6/2020		<0.1		<0.1
10/7/2020	<0.1		<0.1	
3/3/2021		<0.1		
3/4/2021	<0.1		<0.1	<0.1
9/15/2021		<0.1	<0.1	<0.1
9/16/2021	<0.1			
1/26/2022		<0.1	<0.1	<0.1
1/27/2022	<0.1			
8/25/2022	0.056 (J)	0.051 (J)	0.074 (J)	0.058 (J)
2/14/2023		<0.1		
2/15/2023	0.05 (J)		0.064 (J)	0.053 (J)
9/19/2023				<0.1
9/20/2023	<0.1	<0.1	0.064 (J)	
2/28/2024	<0.1		0.059 (J)	
2/29/2024		<0.1		<0.1
8/14/2024		<0.1	<0.1	<0.1
8/15/2024	<0.1			
3/12/2025		<0.1		<0.1
3/13/2025	<0.1		<0.1	
9/3/2025	<0.1			<0.1
9/4/2025			<0.1	
9/5/2025		0.053 (J)		

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				0.13 (J)
9/7/2016	0.03 (J)	0.12 (J)	0.15 (J)	
12/7/2016				0.13 (J)
12/8/2016	0.18 (J)	0.18 (J)	0.12 (J)	
3/21/2017				0.05 (J)
3/22/2017	0.09 (J)	0.08 (J)		
3/23/2017			0.14 (J)	
7/11/2017				0.05 (J)
7/12/2017	0.21 (J)	0.17 (J)	0.07 (J)	
10/18/2017	0.24 (J)	0.06 (J)		<0.1
10/19/2017			<0.3	
2/20/2018				0.3 (J)
2/21/2018	0.24 (J)	0.086 (J)	0.37	
7/11/2018				0.077 (J)
7/12/2018			0.17 (J)	
8/15/2018		<0.1		
8/16/2018	0.073 (J)			
9/13/2018		<0.1		<0.1
9/14/2018	<0.1		<0.3	
3/27/2019		<0.1		<0.1
3/28/2019	0.15 (J)		0.074 (J)	
8/21/2019				<0.1
8/22/2019	0.11 (J)	<0.1	0.1 (J)	
9/10/2019				<0.1
10/2/2019	0.063 (J)			
10/3/2019		0.043 (J)	0.084 (J)	
3/25/2020	<0.1			0.066 (J)
3/26/2020		<0.1	0.077 (J)	
8/26/2020	<0.1		0.062 (J)	0.057 (J)
8/27/2020		<0.1		
10/6/2020				0.052 (J)
10/7/2020	<0.1	<0.1	0.064 (J)	
3/3/2021			0.058 (J)	<0.1
3/4/2021	<0.1	<0.1		
9/15/2021				<0.1
9/16/2021	0.052 (J)	<0.1	0.067 (J)	
1/26/2022				<0.1
1/27/2022	<0.1	<0.1	0.056 (J)	
8/25/2022	0.078 (J)	0.052 (J)	0.086 (J)	0.074 (J)
2/14/2023				0.084 (J)
2/15/2023		<0.1	0.086 (J)	
2/16/2023	0.077 (J)			
9/20/2023	0.073 (J)	<0.1	0.082 (J)	0.062 (J)
2/28/2024				0.07 (J)
2/29/2024	0.068 (J)	<0.1	0.078 (J)	
8/14/2024		<0.1	0.065 (J)	<0.1
8/15/2024	<0.1			
3/12/2025	<0.1	<0.1	0.055 (J)	
3/13/2025				<0.1
9/3/2025			0.058 (J)	
9/4/2025	<0.1	<0.1		<0.1

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

Time Series

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.25 (J)		
12/8/2016	0.22 (J)	0.21 (J)	
3/22/2017	0.16 (J)		
3/23/2017		0.18 (J)	
7/11/2017	0.23 (J)		
7/12/2017		0.06 (J)	
10/18/2017	0.28 (J)		
10/19/2017		<0.1	
2/21/2018	0.29 (J)	0.039 (J)	
7/12/2018	0.21 (J)	<0.1	
9/13/2018	0.22 (J)		
9/14/2018		<0.1	
10/4/2018		0.15 (J)	
3/27/2019	0.37		
3/28/2019		<0.1	
8/21/2019	0.11 (J)		
8/22/2019		<0.1	
10/2/2019	0.16 (J)		
10/3/2019		0.06 (J)	
3/25/2020	0.13 (J)		
3/26/2020		<0.1	
8/26/2020	0.14	<0.1	
10/7/2020	0.13	<0.1	
3/3/2021	0.12		
3/4/2021		<0.1	
9/15/2021	0.14		
9/16/2021		<0.1	
1/26/2022	0.11		
1/27/2022		<0.1	0.057 (J)
8/24/2022	0.15	0.092 (J)	
8/26/2022			0.083 (J)
2/15/2023	0.16		
2/16/2023		0.082 (J)	0.077 (J)
9/19/2023	0.14		
9/21/2023		0.074 (J)	0.074 (J)
2/27/2024	0.13		
2/29/2024		0.068 (J)	0.067 (J)
8/13/2024	0.12		
8/15/2024		<0.1	<0.1
3/12/2025	0.13		
3/13/2025		<0.1	<0.1
9/4/2025	0.098 (J)		
9/5/2025		0.077 (J)	0.073 (J)

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

Time Series

Constituent: Lead (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.001			
10/18/2016			<0.001	0.0001 (J)
12/6/2016	<0.001		<0.001	
12/7/2016				<0.001
3/21/2017	<0.001		<0.001	
3/23/2017				0.0002 (J)
7/11/2017	<0.001		<0.001	<0.001
10/17/2017	0.0001 (J)		0.0005 (J)	7E-05 (J)
2/20/2018	<0.001		<0.001	<0.001
4/12/2018		<0.001		
5/23/2018		<0.001		
6/13/2018		<0.001		
7/11/2018	<0.001	<0.001	<0.001	<0.001
8/17/2018		<0.001		
9/12/2018	<0.001	<0.001	<0.001	
9/13/2018				<0.001
10/4/2018		<0.001		
10/24/2018		<0.001		
8/20/2019	0.00021 (J)			<0.001
8/21/2019		<0.001	0.00011 (J)	
10/1/2019	<0.001			<0.001
10/2/2019		4.7E-05 (J)	8.1E-05 (J)	
3/24/2020	6.2E-05 (J)	<0.001		
3/25/2020			<0.001	<0.001
8/25/2020	6.5E-05 (J)		<0.001	6.3E-05 (J)
8/26/2020		<0.001		
10/6/2020	6.6E-05 (J)	<0.001	<0.001	<0.001
3/3/2021	5.5E-05 (J)		<0.001	<0.001
3/8/2021		6.2E-05 (J)		
9/14/2021	<0.001	<0.001		<0.001
9/15/2021			<0.001	
1/25/2022	<0.001	<0.001		
1/26/2022			<0.001	<0.001
8/24/2022	<0.001	<0.001	<0.001	<0.001
2/14/2023	<0.001	<0.001	<0.001	<0.001
9/19/2023	<0.001	<0.001	<0.001	<0.001
2/27/2024		<0.001		<0.001
2/28/2024	<0.001		<0.001	
8/13/2024	<0.001	<0.001	<0.001	<0.001
3/11/2025	<0.001	<0.001	<0.001	
3/12/2025				<0.001
9/3/2025	<0.001	<0.001	<0.001	<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.001		
9/1/2016	<0.001		<0.001	
9/6/2016				<0.001
12/7/2016	<0.001	<0.001	<0.001	<0.001
3/21/2017		<0.001		
3/22/2017	<0.001		5E-05 (J)	<0.001
7/11/2017		<0.001		<0.001
7/12/2017	<0.001		<0.001	
10/18/2017		<0.001	<0.001	<0.001
10/19/2017	<0.001			
2/20/2018		<0.001		
2/21/2018	<0.001		<0.001	<0.001
7/11/2018		<0.001		
7/12/2018	<0.001		<0.001	<0.001
9/12/2018		<0.001		
9/13/2018	<0.001		<0.001	<0.001
8/21/2019		6.4E-05 (J)	<0.001	<0.001
8/22/2019	<0.001			
10/2/2019		<0.001	<0.001	8.1E-05 (J)
10/3/2019	<0.001			
3/25/2020		<0.001		
3/26/2020	<0.001		<0.001	<0.001
8/26/2020	<0.001	<0.001	<0.001	<0.001
10/6/2020		<0.001		<0.001
10/7/2020	<0.001		<0.001	
3/3/2021		<0.001		
3/4/2021	4.1E-05 (J)		<0.001	<0.001
9/15/2021		<0.001	<0.001	<0.001
9/16/2021	<0.001			
1/26/2022		<0.001	<0.001	<0.001
1/27/2022	<0.001			
8/25/2022	<0.001	<0.001	<0.001	<0.001
2/14/2023		<0.001		
2/15/2023	<0.001		<0.001	<0.001
9/19/2023				<0.001
9/20/2023	<0.001	<0.001	<0.001	
2/28/2024	<0.001		<0.001	
2/29/2024		<0.001		<0.001
8/14/2024		<0.001	<0.001	<0.001
8/15/2024	<0.001			
3/12/2025		<0.001		<0.001
3/13/2025	<0.001		<0.001	
9/3/2025	<0.001			<0.001
9/4/2025			<0.001	
9/5/2025		<0.001		

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

Time Series

Constituent: Lead (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.001
9/7/2016	<0.001	<0.001	<0.001	
12/7/2016				<0.001
12/8/2016	<0.001	<0.001	<0.001	
3/21/2017				<0.001
3/22/2017	<0.001	<0.001		
3/23/2017			<0.001	
7/11/2017				<0.001
7/12/2017	<0.001	<0.001	<0.001	
10/18/2017	<0.001	<0.001		<0.001
10/19/2017			<0.001	
2/20/2018				<0.001
2/21/2018	<0.001	0.00043 (J)	<0.001	
7/11/2018				<0.001
7/12/2018			<0.001	
8/15/2018		<0.001		
8/16/2018	<0.001			
9/13/2018		<0.001		<0.001
9/14/2018	<0.001		<0.001	
8/21/2019				<0.001
8/22/2019	<0.001	<0.001	<0.001	
9/10/2019				<0.001
10/2/2019	<0.001			
10/3/2019		<0.001	<0.001	
3/25/2020	<0.001			0.00015 (J)
3/26/2020		<0.001	<0.001	
8/26/2020	<0.001		<0.001	<0.001
8/27/2020		<0.001		
10/6/2020				4.7E-05 (J)
10/7/2020	<0.001	4.2E-05 (J)	4.2E-05 (J)	
3/3/2021			<0.001	5.8E-05 (J)
3/4/2021	<0.001	<0.001		
9/15/2021				<0.001
9/16/2021	<0.001	<0.001	<0.001	
1/26/2022				<0.001
1/27/2022	<0.001	<0.001	<0.001	
8/25/2022	<0.001	<0.001	<0.001	<0.001
2/14/2023				<0.001
2/15/2023		<0.001	<0.001	
2/16/2023	<0.001			
9/20/2023	<0.001	<0.001	<0.001	<0.001
2/28/2024				<0.001
2/29/2024	<0.001	<0.001	<0.001	
8/14/2024		<0.001	<0.001	<0.001
8/15/2024	<0.001			
3/12/2025	<0.001	<0.001	<0.001	
3/13/2025				<0.001
9/3/2025			<0.001	
9/4/2025	<0.001	<0.001		<0.001

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

Time Series

Constituent: Lead (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.001		
12/8/2016	<0.001	<0.001	
3/22/2017	<0.001		
3/23/2017		9E-05 (J)	
7/11/2017	<0.001		
7/12/2017		<0.001	
10/18/2017	<0.001		
10/19/2017		<0.001	
2/21/2018	<0.001	<0.001	
7/12/2018	<0.001	<0.001	
9/13/2018	<0.001		
9/14/2018		<0.001	
10/4/2018		<0.001	
8/21/2019	0.00041 (J)		
8/22/2019		<0.001	
10/2/2019	<0.001		
10/3/2019		4.7E-05 (J)	
3/25/2020	<0.001		
3/26/2020		<0.001	
8/26/2020	<0.001	<0.001	
10/7/2020	<0.001	<0.001	
3/3/2021	<0.001		
3/4/2021		<0.001	
9/15/2021	<0.001		
9/16/2021		<0.001	
1/26/2022	<0.001		
1/27/2022		<0.001	<0.001
8/24/2022	<0.001	<0.001	
8/26/2022			<0.001
2/15/2023	<0.001		
2/16/2023		<0.001	<0.001
9/19/2023	<0.001		
9/21/2023		<0.001	<0.001
2/27/2024	<0.001		
2/29/2024		<0.001	<0.001
8/13/2024	<0.001		
8/15/2024		<0.001	<0.001
3/12/2025	<0.001		
3/13/2025		<0.001	<0.001
9/4/2025	<0.001		
9/5/2025		<0.001	<0.001

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.002			
10/18/2016			<0.03	<0.002
12/6/2016	<0.002		<0.03	
12/7/2016				<0.002
3/21/2017	<0.002		<0.03	
3/23/2017				<0.002
7/11/2017	<0.002		<0.03	<0.002
10/17/2017	<0.002		<0.03	<0.002
2/20/2018	<0.002		<0.03	<0.002
4/12/2018		<0.03		
5/23/2018		<0.03		
6/13/2018		<0.03		
7/11/2018	<0.002	0.0011 (J)	<0.03	<0.002
8/17/2018		0.0024 (J)		
9/12/2018	<0.002	0.0025 (J)	<0.03	
9/13/2018				<0.002
10/4/2018		0.0021 (J)		
10/24/2018		0.0021 (J)		
8/20/2019	<0.002			<0.002
8/21/2019		0.0018 (J)	<0.03	
10/1/2019	<0.002			<0.002
10/2/2019		0.0016 (J)	<0.03	
3/24/2020	<0.002	0.0019 (J)		
3/25/2020			<0.03	<0.002
8/25/2020	<0.002		<0.03	<0.002
8/26/2020		0.0015 (J)		
10/6/2020	<0.002	0.00099 (J)	<0.03	<0.002
3/3/2021	<0.002		<0.03	<0.002
3/8/2021		0.0019 (J)		
9/14/2021	<0.002	0.0013 (J)		<0.002
9/15/2021			<0.03	
1/25/2022	<0.002	0.0012 (J)		
1/26/2022			<0.03	<0.002
8/24/2022	<0.002	0.0012 (J)	<0.03	<0.002
2/14/2023	<0.002	0.001 (J)	<0.03	<0.002
9/19/2023	<0.002	<0.03	0.00079 (J)	<0.002
2/27/2024		<0.03		<0.002
2/28/2024	<0.002		<0.03	
8/13/2024	<0.002	<0.03	<0.03	<0.002
3/11/2025	<0.002	0.00145 (J)	0.00226 (J)	
3/12/2025				<0.002
9/3/2025	<0.002	0.00134 (J)	0.000672 (J)	<0.002

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.03		
9/1/2016	0.0022 (J)		<0.03	
9/6/2016				<0.03
12/7/2016	0.0023 (J)	0.003 (J)	<0.03	<0.03
3/21/2017		<0.03		
3/22/2017	0.0025 (J)		0.0011 (J)	<0.03
7/11/2017		<0.03		<0.03
7/12/2017	0.0033 (J)		<0.03	
10/18/2017		<0.03	<0.03	<0.03
10/19/2017	<0.25			
2/20/2018		<0.03		
2/21/2018	0.0034 (J)		<0.03	<0.03
7/11/2018		<0.03		
7/12/2018	0.0038 (J)		0.0012 (J)	<0.03
9/12/2018		<0.03		
9/13/2018	0.0026 (J)		0.0013 (J)	<0.03
8/21/2019		<0.03	0.0013 (J)	<0.03
8/22/2019	0.0029 (J)			
10/2/2019		<0.03	0.0013 (J)	<0.03
10/3/2019	0.0032 (J)			
3/25/2020		<0.03		
3/26/2020	0.0031 (J)		0.0014 (J)	<0.03
8/26/2020	0.0023 (J)	<0.03	0.0013 (J)	<0.03
10/6/2020		<0.03		<0.03
10/7/2020	0.0023 (J)		0.0013 (J)	
3/3/2021		<0.03		
3/4/2021	0.0031 (J)		0.0014 (J)	<0.03
9/15/2021		<0.03	0.0013 (J)	<0.03
9/16/2021	0.0025 (J)			
1/26/2022		<0.03	0.0013 (J)	<0.03
1/27/2022	0.0039 (J)			
8/25/2022	0.003 (J)	<0.03	0.0012 (J)	<0.03
2/14/2023		<0.03		
2/15/2023	0.0037 (J)		0.001 (J)	<0.03
9/19/2023				<0.03
9/20/2023	0.0023 (J)	<0.03	0.0014 (J)	
2/28/2024	0.0024 (J)		<0.03	
2/29/2024		<0.03		<0.03
8/14/2024		<0.03	<0.03	<0.03
8/15/2024	0.0025 (J)			
3/12/2025		0.00112 (J)		0.0013 (J)
3/13/2025	0.00215 (J)		0.00121 (J)	
9/3/2025	0.00195 (J)			0.000621 (J)
9/4/2025			0.0015 (J)	
9/5/2025		0.000609 (J)		

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.03
9/7/2016	<0.03	<0.05	0.0082 (J)	
12/7/2016				<0.03
12/8/2016	<0.03	<0.05	0.0061 (J)	
3/21/2017				<0.03
3/22/2017	0.0021 (J)	0.0029 (J)		
3/23/2017			0.0122 (J)	
7/11/2017				<0.03
7/12/2017	0.002 (J)	0.0024 (J)	0.013 (J)	
10/18/2017	0.002 (J)	0.0027 (J)		<0.03
10/19/2017			0.013 (J)	
2/20/2018				<0.03
2/21/2018	0.0022 (J)	0.0021 (J)	0.0085 (J)	
7/11/2018				<0.03
7/12/2018			0.013 (J)	
8/15/2018		0.0027 (J)		
8/16/2018	0.0027 (J)			
9/13/2018		0.0029 (J)		<0.03
9/14/2018	0.0025 (J)		0.018 (J)	
8/21/2019				0.0009 (J)
8/22/2019	0.0025 (J)	0.0026 (J)	0.012 (J)	
9/10/2019				<0.03
10/2/2019	0.0024 (J)			
10/3/2019		0.0027 (J)	0.016 (J)	
3/25/2020	0.003 (J)			0.0011 (J)
3/26/2020		0.0027 (J)	0.013 (J)	
8/26/2020	0.0028 (J)		0.011 (J)	0.0011 (J)
8/27/2020		0.0025 (J)		
10/6/2020				0.00097 (J)
10/7/2020	0.0029 (J)	0.003 (J)	0.013 (J)	
3/3/2021			0.015 (J)	0.001 (J)
3/4/2021	0.002 (J)	0.0029 (J)		
9/15/2021				0.00085 (J)
9/16/2021	0.0021 (J)	0.0023 (J)	0.013 (J)	
1/26/2022				<0.03
1/27/2022	0.0022 (J)	0.003 (J)	0.016 (J)	
8/25/2022	0.0018 (J)	0.0033 (J)	0.012 (J)	<0.03
2/14/2023				<0.03
2/15/2023		0.0027 (J)	0.011 (J)	
2/16/2023	0.0014 (J)			
9/20/2023	0.0012 (J)	0.0028 (J)	0.014 (J)	0.00088 (J)
2/28/2024				<0.03
2/29/2024	<0.03	0.0054 (J)	0.012 (J)	
8/14/2024		0.0041 (J)	0.012 (J)	<0.03
8/15/2024	<0.03			
3/12/2025	0.00101 (J)	0.00579 (J)	0.0157 (J)	
3/13/2025				<0.03
9/3/2025			0.0114	
9/4/2025	0.00106 (J)	0.00427		0.00136 (J)

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

Time Series

Constituent: Lithium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.0038 (J)		
12/8/2016	0.0038 (J)	<0.002	
3/22/2017	0.0068 (J)		
3/23/2017		<0.002	
7/11/2017	0.0059 (J)		
7/12/2017		<0.002	
10/18/2017	0.0057 (J)		
10/19/2017		<0.002	
2/21/2018	0.0063 (J)	<0.002	
7/12/2018	0.0063 (J)	<0.002	
9/13/2018	0.0061 (J)		
9/14/2018		<0.002	
10/4/2018		<0.002	
8/21/2019	0.0072 (J)		
8/22/2019		<0.002	
10/2/2019	0.0074 (J)		
10/3/2019		<0.002	
3/25/2020	0.0066 (J)		
3/26/2020		<0.002	
8/26/2020	0.0065 (J)	<0.002	
10/7/2020	0.0063 (J)	<0.002	
3/3/2021	0.0061 (J)		
3/4/2021		<0.002	
9/15/2021	0.0061 (J)		
9/16/2021		<0.002	
1/26/2022	0.008 (J)		
1/27/2022		<0.002	0.002 (J)
8/24/2022	0.0073 (J)	<0.002	
8/26/2022			0.0013 (J)
2/15/2023	0.0057 (J)		
2/16/2023		<0.002	0.00082 (J)
9/19/2023	0.0064 (J)		
9/21/2023		<0.002	0.00089 (J)
2/27/2024	0.007 (J)		
2/29/2024		<0.002	<0.03
8/13/2024	0.0064 (J)		
8/15/2024		<0.002	<0.03
3/12/2025	0.00835 (J)		
3/13/2025		<0.002	0.000708 (J)
9/4/2025	0.00737		
9/5/2025		<0.002	0.00078 (J)

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.0002			
10/18/2016			<0.0002	<0.0002
12/6/2016	<0.0002		<0.0002	
12/7/2016				<0.0002
3/21/2017	<0.0002		<0.0002	
3/23/2017				<0.0002
7/11/2017	<0.0002		<0.0002	<0.0002
10/17/2017	<0.0002		<0.0002	<0.0002
2/20/2018	<0.0002		<0.0002	<0.0002
4/12/2018		<0.0002		
5/23/2018		<0.0002		
6/13/2018		4.9E-05 (J)		
7/11/2018	<0.0002	<0.0002	<0.0002	<0.0002
8/17/2018		<0.0002		
9/12/2018	<0.0002	<0.0002	<0.0002	
9/13/2018				<0.0002
10/4/2018		<0.0002		
10/24/2018		5.2E-05 (J)		
8/20/2019	<0.0002			<0.0002
8/21/2019		<0.0002	<0.0002	
8/25/2020	9.9E-05 (J)		0.0001 (J)	<0.0002
8/26/2020		<0.0002		
10/6/2020	<0.0002	<0.0002	<0.0002	<0.0002
3/3/2021	<0.0002		<0.0002	<0.0002
3/8/2021		<0.0002		
9/14/2021	<0.0002	<0.0002		<0.0002
9/15/2021			<0.0002	
1/25/2022	<0.0002	<0.0002		
1/26/2022			<0.0002	<0.0002
8/24/2022	<0.0002	0.00013 (J)	<0.0002	0.00014 (J)
2/14/2023	<0.0002	<0.0002	<0.0002	<0.0002
9/19/2023	<0.0002	<0.0002	<0.0002	<0.0002
2/27/2024		<0.0002		<0.0002
2/28/2024	<0.0002		<0.0002	
8/13/2024	<0.0002	<0.0002	<0.0002	<0.0002
3/11/2025	<0.0002	<0.0002	<0.0002	
3/12/2025				<0.0002
9/3/2025	<0.0002	<0.0002	<0.0002	<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.0002		
9/1/2016	<0.0002		<0.0002	
9/6/2016				<0.0002
12/7/2016	6E-05 (J)	7E-05 (J)	<0.0002	<0.0002
3/21/2017		<0.0002		
3/22/2017	<0.0002		<0.0002	<0.0002
7/11/2017		<0.0002		<0.0002
7/12/2017	<0.0002		<0.0002	
10/18/2017		<0.0002	<0.0002	<0.0002
10/19/2017	<0.0002			
2/20/2018		<0.0002		
2/21/2018	5.3E-05 (J)		9.7E-05 (J)	6.8E-05 (J)
7/11/2018		<0.0002		
7/12/2018	<0.0002		<0.0002	<0.0002
9/12/2018		<0.0002		
9/13/2018	<0.0002		<0.0002	<0.0002
8/21/2019		<0.0002	<0.0002	<0.0002
8/22/2019	<0.0002			
8/26/2020	<0.0002	0.00015 (J)	<0.0002	<0.0002
10/6/2020		<0.0002		<0.0002
10/7/2020	<0.0002		<0.0002	
3/3/2021		<0.0002		
3/4/2021	<0.0002		<0.0002	<0.0002
9/15/2021		<0.0002	<0.0002	<0.0002
9/16/2021	<0.0002			
1/26/2022		<0.0002	<0.0002	<0.0002
1/27/2022	<0.0002			
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002
2/14/2023		<0.0002		
2/15/2023	<0.0002		<0.0002	<0.0002
9/19/2023				<0.0002
9/20/2023	<0.0002	<0.0002	<0.0002	
2/28/2024	<0.0002		<0.0002	
2/29/2024		<0.0002		<0.0002
8/14/2024		<0.0002	<0.0002	<0.0002
8/15/2024	<0.0002			
3/12/2025		<0.0002		<0.0002
3/13/2025	<0.0002		<0.0002	
9/3/2025	<0.0002			<0.0002
9/4/2025			<0.0002	
9/5/2025		<0.0002		

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.0002
9/7/2016	<0.0002	<0.0002	<0.0002	
12/7/2016				9E-05 (J)
12/8/2016	<0.0002	<0.0002	<0.0002	
3/21/2017				<0.0002
3/22/2017	<0.0002	<0.0002		
3/23/2017			<0.0002	
7/11/2017				<0.0002
7/12/2017	<0.0002	<0.0002	<0.0002	
10/18/2017	<0.0002	<0.0002		<0.0002
10/19/2017			<0.0002	
2/20/2018				<0.0002
2/21/2018	8.6E-05 (J)	5.7E-05 (J)	4.5E-05 (J)	
7/11/2018				<0.0002
7/12/2018			<0.0002	
8/15/2018		<0.0002		
8/16/2018	<0.0002			
9/13/2018		<0.0002		<0.0002
9/14/2018	<0.0002		<0.0002	
8/21/2019				<0.0002
8/22/2019	<0.0002	<0.0002	<0.0002	
8/26/2020	<0.0002		0.0001 (J)	0.00017 (J)
8/27/2020		<0.0002		
10/6/2020				<0.0002
10/7/2020	<0.0002	<0.0002	<0.0002	
3/3/2021			<0.0002	<0.0002
3/4/2021	<0.0002	<0.0002		
9/15/2021				<0.0002
9/16/2021	<0.0002	<0.0002	<0.0002	
1/26/2022				<0.0002
1/27/2022	<0.0002	<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002
2/14/2023				<0.0002
2/15/2023		<0.0002	<0.0002	
2/16/2023	<0.0002			
9/20/2023	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2024				<0.0002
2/29/2024	<0.0002	<0.0002	<0.0002	
8/14/2024		<0.0002	<0.0002	<0.0002
8/15/2024	<0.0002			
3/12/2025	<0.0002	<0.0002	<0.0002	
3/13/2025				<0.0002
9/3/2025			<0.0002	
9/4/2025	<0.0002	<0.0002		<0.0002

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

Time Series

Constituent: Mercury (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.0002		
12/8/2016	<0.0002	<0.0002	
3/22/2017	<0.0002		
3/23/2017		<0.0002	
7/11/2017	<0.0002		
7/12/2017		<0.0002	
10/18/2017	<0.0002		
10/19/2017		<0.0002	
2/21/2018	5.3E-05 (J)	4.3E-05 (J)	
7/12/2018	<0.0002	<0.0002	
9/13/2018	<0.0002		
9/14/2018		4.1E-05 (J)	
10/4/2018		<0.0002	
8/21/2019	<0.0002		
8/22/2019		<0.0002	
8/26/2020	<0.0002	0.00011 (J)	
10/7/2020	<0.0002	<0.0002	
3/3/2021	<0.0002		
3/4/2021		<0.0002	
9/15/2021	<0.0002		
9/16/2021		<0.0002	
1/26/2022	<0.0002		
1/27/2022		<0.0002	<0.0002
8/24/2022	0.00018 (J)	<0.0002	
8/26/2022			<0.0002
10/11/2022	<0.0002		
2/15/2023	<0.0002		
2/16/2023		<0.0002	<0.0002
9/19/2023	<0.0002		
9/21/2023		<0.0002	<0.0002
2/27/2024	<0.0002		
2/29/2024		<0.0002	<0.0002
8/13/2024	<0.0002		
8/15/2024		<0.0002	<0.0002
3/12/2025	<0.0002		
3/13/2025		<0.0002	<0.0002
9/4/2025	<0.0002		
9/5/2025		<0.0002	<0.0002

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.01			
10/18/2016			<0.01	<0.01
12/6/2016	0.0019 (J)		<0.01	
12/7/2016				<0.01
3/21/2017	0.0018 (J)		0.0005 (J)	
3/23/2017				<0.01
7/11/2017	0.0018 (J)		<0.01	<0.01
10/17/2017	0.0016 (J)		<0.01	<0.01
2/20/2018	<0.01		<0.01	<0.01
4/12/2018		<0.01		
5/23/2018		<0.01		
6/13/2018		<0.01		
7/11/2018	<0.01	<0.01	<0.01	<0.01
8/17/2018		<0.01		
9/12/2018	<0.01	<0.01	<0.01	
9/13/2018				<0.01
10/4/2018		<0.01		
10/24/2018		<0.01		
8/20/2019	<0.01			<0.01
8/21/2019		<0.01	<0.01	
10/1/2019	0.001 (J)			<0.01
10/2/2019		<0.01	<0.01	
3/24/2020	0.001 (J)	<0.01		
3/25/2020			<0.01	<0.01
8/25/2020	0.001 (J)		<0.01	<0.01
8/26/2020		<0.01		
10/6/2020	0.0009 (J)	0.00069 (J)	<0.01	<0.01
3/3/2021	0.00076 (J)		<0.01	<0.01
3/8/2021		<0.01		
9/14/2021	0.00086 (J)	0.00077 (J)		<0.01
9/15/2021			<0.01	
1/25/2022	<0.01	<0.01		
1/26/2022			<0.01	<0.01
8/24/2022	0.00088 (J)	<0.01	<0.01	<0.01
2/14/2023	0.0013 (J)	<0.01	<0.01	<0.01
9/19/2023	0.0013 (J)	0.0008 (J)	<0.01	<0.01
2/27/2024		0.00069 (J)		<0.01
2/28/2024	0.00083 (J)		<0.01	
8/13/2024	<0.01	<0.01	<0.01	<0.01
3/11/2025	<0.01	<0.01	<0.01	
3/12/2025				<0.01
9/3/2025	<0.01	<0.01	<0.01	<0.01

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.01		
9/1/2016	<0.01		<0.01	
9/6/2016				<0.01
12/7/2016	<0.01	<0.01	<0.01	<0.01
3/21/2017		0.0005 (J)		
3/22/2017	<0.01		0.0004 (J)	0.0004 (J)
7/11/2017		<0.01		<0.01
7/12/2017	<0.01		<0.01	
10/18/2017		<0.01	<0.01	<0.01
10/19/2017	<0.01			
2/20/2018		<0.01		
2/21/2018	<0.01		<0.01	<0.01
7/11/2018		<0.01		
7/12/2018	<0.01		<0.01	<0.01
9/12/2018		<0.01		
9/13/2018	<0.01		<0.01	<0.01
8/21/2019		<0.01	<0.01	<0.01
8/22/2019	<0.01			
10/2/2019		<0.01	<0.01	<0.01
10/3/2019	<0.01			
3/25/2020		<0.01		
3/26/2020	<0.01		<0.01	<0.01
8/26/2020	<0.01	<0.01	<0.01	<0.01
10/6/2020		<0.01		<0.01
10/7/2020	<0.01		<0.01	
3/3/2021		<0.01		
3/4/2021	<0.01		<0.01	<0.01
9/15/2021		<0.01	<0.01	<0.01
9/16/2021	<0.01			
1/26/2022		<0.01	<0.01	<0.01
1/27/2022	<0.01			
8/25/2022	<0.01	<0.01	<0.01	<0.01
2/14/2023		<0.01		
2/15/2023	<0.01		<0.01	<0.01
9/19/2023				<0.01
9/20/2023	<0.01	<0.01	<0.01	
2/28/2024	<0.01		<0.01	
2/29/2024		<0.01		<0.01
8/14/2024		<0.01	<0.01	<0.01
8/15/2024	<0.01			
3/12/2025		<0.01		<0.01
3/13/2025	<0.01		<0.01	
9/3/2025	<0.01			<0.01
9/4/2025			<0.01	
9/5/2025		<0.01		

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.01
9/7/2016	<0.01	<0.01	0.0027 (J)	
12/7/2016				<0.01
12/8/2016	<0.01	<0.01	0.0022 (J)	
3/21/2017				0.0006 (J)
3/22/2017	0.0004 (J)	<0.01		
3/23/2017			0.0025 (J)	
7/11/2017				<0.01
7/12/2017	<0.01	<0.01	0.0022 (J)	
10/18/2017	<0.01	<0.01		<0.01
10/19/2017			0.0021 (J)	
2/20/2018				<0.01
2/21/2018	<0.01	<0.01	<0.01	
7/11/2018				<0.01
7/12/2018			0.0022 (J)	
8/15/2018		<0.01		
8/16/2018	<0.01			
9/13/2018		<0.01		<0.01
9/14/2018	<0.01		0.0023 (J)	
8/21/2019				<0.01
8/22/2019	<0.01	<0.01	0.0021 (J)	
9/10/2019				<0.01
10/2/2019	<0.01			
10/3/2019		<0.01	0.0024 (J)	
3/25/2020	<0.01			0.0011 (J)
3/26/2020		<0.01	0.0021 (J)	
8/26/2020	<0.01		0.002 (J)	<0.01
8/27/2020		<0.01		
10/6/2020				<0.01
10/7/2020	<0.01	<0.01	0.0019 (J)	
3/3/2021			0.0021 (J)	<0.01
3/4/2021	<0.01	<0.01		
9/15/2021				<0.01
9/16/2021	<0.01	<0.01	0.0021 (J)	
1/26/2022				<0.01
1/27/2022	<0.01	<0.01	0.0022 (J)	
8/25/2022	<0.01	<0.01	0.0017 (J)	<0.01
2/14/2023				<0.01
2/15/2023		<0.01	0.0016 (J)	
2/16/2023	<0.01			
9/20/2023	<0.01	<0.01	0.0019 (J)	<0.01
2/28/2024				<0.01
2/29/2024	<0.01	<0.01	0.0018 (J)	
8/14/2024		<0.01	0.0023 (J)	<0.01
8/15/2024	<0.01			
3/12/2025	<0.01	<0.01	<0.01	
3/13/2025				<0.01
9/3/2025			0.0028 (J)	
9/4/2025	<0.01	<0.01		<0.01

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

Time Series

Constituent: Molybdenum (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.01		
12/8/2016	<0.01	<0.01	
3/22/2017	0.001 (J)		
3/23/2017		<0.01	
7/11/2017	<0.01		
7/12/2017		<0.01	
10/18/2017	<0.01		
10/19/2017		<0.01	
2/21/2018	<0.01	<0.01	
7/12/2018	<0.01	<0.01	
9/13/2018	<0.01		
9/14/2018		<0.01	
10/4/2018		<0.01	
8/21/2019	0.0014 (J)		
8/22/2019		<0.01	
10/2/2019	<0.01		
10/3/2019		<0.01	
3/25/2020	<0.01		
3/26/2020		<0.01	
8/26/2020	<0.01	<0.01	
10/7/2020	<0.01	<0.01	
3/3/2021	<0.01		
3/4/2021		<0.01	
9/15/2021	<0.01		
9/16/2021		<0.01	
1/26/2022	<0.01		
1/27/2022		<0.01	0.00085 (J)
8/24/2022	<0.01	<0.01	
8/26/2022			<0.01
2/15/2023	<0.01		
2/16/2023		<0.01	<0.01
9/19/2023	<0.01		
9/21/2023		<0.01	<0.01
2/27/2024	<0.01		
2/29/2024		<0.01	<0.01
8/13/2024	<0.01		
8/15/2024		<0.01	<0.01
3/12/2025	<0.01		
3/13/2025		<0.01	<0.01
9/4/2025	<0.01		
9/5/2025		<0.01	<0.01

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

Time Series

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	7.67			
10/17/2016				7.43
10/18/2016			7.15	7.45
12/6/2016	7.57		7.04	
12/7/2016				7.29
3/21/2017	7.54		7.01	
3/23/2017				7.26
7/11/2017	7.43		6.96	7.31
10/17/2017	7.7	7.61	7.31	7.29
2/20/2018	7.57		7.37	7.26
4/12/2018		9.54		
5/23/2018		9.57		
6/13/2018		9.71		
7/11/2018	7.48	9.48	7.26	7.39
7/12/2018			7.01	
8/17/2018		9.31		
9/12/2018	7.41	9.07	7.02	
9/13/2018				7.25
10/4/2018		9.16		
10/24/2018		9.29		
3/26/2019	7.49		7	
3/27/2019		8.76		7.42
8/20/2019	7.87			7.36
8/21/2019		8.68	7.44	
10/1/2019	7.5			7.43
10/2/2019		8.97	7.09	
3/24/2020	7.79	8.57		
3/25/2020			7.15	7.23
8/25/2020	7.49		7.14	7.53
8/26/2020		7.97		
10/6/2020	7.35	8.72	7.01	7.27
3/3/2021	7.56		7.14	7.41
3/8/2021		7.77		
9/14/2021	7.45	8.96		7.31
9/15/2021			6.99	
1/25/2022	7.51	8.4		
1/26/2022			7.1	7.44
8/24/2022	7.49	8.01	7.04	7.34
10/11/2022		7.94		7.37
2/14/2023	7.43	7.97	7.09	7.36
9/19/2023	7.44	8.82	7.02	7.43
2/27/2024		8.49		7.39
2/28/2024	7.41		7.11	
8/13/2024	7.46	9.2	7.12	7.33
3/11/2025	7.42	8.2	7.08	
3/12/2025				7.31
9/3/2025	7.29	8.96	7.05	7.22

Time Series

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		6.97		
9/1/2016	7.07		7.21	
9/6/2016				7.23
12/7/2016	6.85	6.85	7.13	7.3
3/21/2017		7.04		
3/22/2017	6.99		7.04	7.2
7/11/2017		6.88		7.31
7/12/2017	6.83		7.09	
10/18/2017		6.77	7.2	7.28
10/19/2017	6.91			
2/20/2018		7.31		
2/21/2018	6.97		7.11	7.1
7/11/2018		7.12		
7/12/2018	6.85		7.07	7.14
9/12/2018		6.87		
9/13/2018	6.88		7.01	7.08
3/27/2019		6.98		7.23
3/28/2019	6.96		7.84	
8/21/2019		7.31	7.51	7.23
8/22/2019	7.31			
10/2/2019		6.96	7.22	7.22
10/3/2019	6.85			
3/25/2020		7.02		
3/26/2020	7.12		7.08	7.12
8/26/2020	7.01	6.98	7.08	7.18
10/6/2020		7.01		7.24
10/7/2020	6.98		7.11	
3/3/2021		6.99		
3/4/2021	6.95		7.09	7.34
9/15/2021		6.94	7.09	7.12
9/16/2021	6.96			
1/26/2022		7.05	7.33	7.26
1/27/2022	7.03			
8/25/2022	6.98	6.93	7.15	7.14
2/14/2023		7.04		
2/15/2023	6.92		7.09	7.1
9/19/2023				7.08
9/20/2023	7.15	6.94	7.07	
2/28/2024	7.07		7.18	
2/29/2024		7.07		7.19
8/14/2024		7.11	7.11	7.15
8/15/2024	7.05			
3/12/2025		7.11		7.18
3/13/2025	7.12		7.16	
9/3/2025	7.01			6.97
9/4/2025			6.93	
9/5/2025		7.05		

Time Series

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				6.75
9/7/2016	7.02	6.92	6.71	
12/7/2016				6.64
12/8/2016	6.95	6.9	6.61	
3/21/2017				6.73
3/22/2017	7.05	7		
3/23/2017			6.69	
7/11/2017				6.66
7/12/2017	7.06	6.95	6.69	
10/18/2017	6.99	6.88	6.88	6.73
10/19/2017			6.85	
2/20/2018				7.11
2/21/2018	6.95	6.89	6.66	
7/11/2018				7
7/12/2018	7.06	7.01	6.84	
8/15/2018		6.87		
8/16/2018	7.01			
9/13/2018		6.86		6.56
9/14/2018	6.83		6.76	
3/27/2019		6.92		6.75
3/28/2019	6.97		6.67	
8/21/2019				7.08
8/22/2019	7.24	7.02	6.73	
9/10/2019				6.78
10/2/2019	6.99			
10/3/2019		6.78	6.93	
3/25/2020	6.93			6.84
3/26/2020		7.01	6.7	
8/26/2020	6.98		6.68	6.64
8/27/2020		6.88		
10/6/2020				6.78
10/7/2020	7.04	6.91	6.78	
3/3/2021			6.78	6.79
3/4/2021	7.09	6.91		
9/15/2021				6.72
9/16/2021	7.03	6.85	6.77	
1/26/2022				6.83
1/27/2022	7.03	6.92	6.8	
8/25/2022	7.05	6.76	6.67	6.76
2/14/2023				6.75
2/15/2023		6.73	6.66	
2/16/2023	7.14			
9/20/2023	7.16	6.76	6.83	6.86
2/28/2024				6.79
2/29/2024	7.2	6.94	6.82	
8/14/2024		6.92	6.9	6.75
8/15/2024	7.35			
3/12/2025	7.38	6.96	6.74	
3/13/2025				6.79
9/3/2025			6.84	
9/4/2025	7.3	6.81		6.65

Time Series

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	7.1		
10/4/2016		6.88	
10/5/2016		6.91	
10/10/2016		6.89	
12/8/2016	6.98	6.86	
3/22/2017	7.16		
3/23/2017		6.9	
7/11/2017	7.15	7.82	
7/12/2017		6.81	
10/18/2017	7.09		
10/19/2017		6.86	
2/21/2018	7.12	7.02	
7/12/2018	7.01	6.82	
9/13/2018	7.03		
9/14/2018		6.75	
10/4/2018		6.9	
3/27/2019	7.08		
3/28/2019		6.96	
8/21/2019	7.09		
8/22/2019		6.94	
10/2/2019	7.2		
10/3/2019		7.01	
3/25/2020	7.01		
3/26/2020		7	
8/26/2020	7.09	6.99	
10/7/2020	6.95	7.04	
3/3/2021	7.04		
3/4/2021		7.22	
9/15/2021	7.05		
9/16/2021		7.1	
1/26/2022	7.28		
1/27/2022		7.18	7.3
8/24/2022	7.1	7.1	
8/26/2022			7.09
10/11/2022	7.13		
2/15/2023	7.02		
2/16/2023		7.13	7.06
9/19/2023	7.18		
9/21/2023		7.05	7.21
2/27/2024	7.13		
2/29/2024		7.14	7.13
8/13/2024	7.06		
8/15/2024		7.07	7.1
3/12/2025	7.12		
3/13/2025		7.07	7.13
9/4/2025	6.98		
9/5/2025		6.96	7.05

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.005			
10/18/2016			<0.005	<0.005
12/6/2016	<0.005		<0.005	
12/7/2016				<0.005
3/21/2017	<0.005		<0.005	
3/23/2017				<0.005
7/11/2017	<0.005		<0.005	<0.005
10/17/2017	<0.005		<0.005	<0.005
2/20/2018	<0.005		<0.005	<0.005
4/12/2018		<0.005		
5/23/2018		<0.005		
6/13/2018		<0.005		
7/11/2018	<0.005	<0.005	<0.005	<0.005
8/17/2018		<0.005		
9/12/2018	<0.005	<0.005	<0.005	
9/13/2018				<0.005
10/4/2018		<0.005		
10/24/2018		<0.005		
8/20/2019	<0.005			<0.005
8/21/2019		<0.005	<0.005	
10/1/2019	<0.005			<0.005
10/2/2019		<0.005	<0.005	
3/24/2020	<0.005	<0.005		
3/25/2020			<0.005	<0.005
8/25/2020	<0.005		<0.005	<0.005
8/26/2020		<0.005		
10/6/2020	<0.005	<0.005	<0.005	<0.005
3/3/2021	<0.005		<0.005	<0.005
3/8/2021		<0.005		
9/14/2021	<0.005	<0.005		<0.005
9/15/2021			<0.005	
1/25/2022	<0.005	<0.005		
1/26/2022			<0.005	<0.005
8/24/2022	<0.005	<0.005	<0.005	<0.005
2/14/2023	<0.005	<0.005	<0.005	<0.005
9/19/2023	<0.005	<0.005	<0.005	<0.005
2/27/2024		<0.005		<0.005
2/28/2024	<0.005		<0.005	
8/13/2024	<0.005	<0.005	<0.005	<0.005
3/11/2025	<0.005	<0.005	<0.005	
3/12/2025				<0.005
9/3/2025	<0.005	<0.005	<0.005	<0.005

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		0.0012 (J)		
9/1/2016	<0.005		<0.005	
9/6/2016				<0.005
12/7/2016	<0.005	<0.005	<0.005	<0.005
3/21/2017		<0.005		
3/22/2017	<0.005		<0.005	<0.005
7/11/2017		<0.005		<0.005
7/12/2017	<0.005		<0.005	
10/18/2017		<0.005	<0.005	<0.005
10/19/2017	<0.005			
2/20/2018		<0.005		
2/21/2018	<0.005		<0.005	<0.005
7/11/2018		<0.005		
7/12/2018	<0.005		<0.005	<0.005
9/12/2018		<0.005		
9/13/2018	<0.005		<0.005	<0.005
8/21/2019		<0.005	<0.005	<0.005
8/22/2019	<0.005			
10/2/2019		0.0015 (J)	<0.005	<0.005
10/3/2019	0.0017 (J)			
3/25/2020		<0.005		
3/26/2020	<0.005		<0.005	<0.005
8/26/2020	0.0018 (J)	<0.005	0.0018 (J)	<0.005
10/6/2020		<0.005		<0.005
10/7/2020	<0.005		<0.005	
3/3/2021		<0.005		
3/4/2021	0.0018 (J)		<0.005	<0.005
9/15/2021		<0.005	<0.005	<0.005
9/16/2021	<0.005			
1/26/2022		<0.005	<0.005	<0.005
1/27/2022	0.0018 (J)			
8/25/2022	0.0017 (J)	<0.005	<0.005	<0.005
2/14/2023		<0.005		
2/15/2023	0.0017 (J)		<0.005	<0.005
9/19/2023				<0.005
9/20/2023	0.0015 (J)	<0.005	<0.005	
2/28/2024	0.0019 (J)		<0.005	
2/29/2024		<0.005		<0.005
8/14/2024		<0.005	<0.005	<0.005
8/15/2024	0.0011 (J)			
3/12/2025		<0.005		<0.005
3/13/2025	<0.005		<0.005	
9/3/2025	0.0013 (J)			<0.005
9/4/2025			<0.005	
9/5/2025		<0.005		

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				0.0014 (J)
9/7/2016	<0.005	<0.005	<0.01	
12/7/2016				<0.01
12/8/2016	<0.005	<0.005	<0.01	
3/21/2017				<0.01
3/22/2017	<0.005	<0.005		
3/23/2017			<0.01	
7/11/2017				<0.01
7/12/2017	<0.005	<0.005	<0.01	
10/18/2017	<0.005	<0.005		<0.01
10/19/2017			<0.01	
2/20/2018				<0.01
2/21/2018	<0.005	<0.005	<0.01	
7/11/2018				<0.01
7/12/2018			<0.01	
8/15/2018		<0.005		
8/16/2018	<0.005			
9/13/2018		<0.005		<0.01
9/14/2018	<0.005		0.0015 (J)	
8/21/2019				0.0022 (J)
8/22/2019	<0.005	<0.005	<0.01	
9/10/2019				0.0018 (J)
10/2/2019	<0.005			
10/3/2019		<0.005	0.0034 (J)	
3/25/2020	<0.005			0.003 (J)
3/26/2020		<0.005	0.0016 (J)	
8/26/2020	<0.005		0.0031 (J)	0.0026 (J)
8/27/2020		<0.005		
10/6/2020				0.0027 (J)
10/7/2020	<0.005	<0.005	0.0035 (J)	
3/3/2021			0.0033 (J)	0.0025 (J)
3/4/2021	<0.005	<0.005		
9/15/2021				0.0024 (J)
9/16/2021	<0.005	<0.005	0.0033 (J)	
1/26/2022				0.0023 (J)
1/27/2022	<0.005	<0.005	0.005	
8/25/2022	<0.005	<0.005	0.0019 (J)	0.0023 (J)
2/14/2023				0.0015 (J)
2/15/2023		<0.005	0.0036 (J)	
2/16/2023	<0.005			
9/20/2023	<0.005	<0.005	0.0024 (J)	0.0023 (J)
2/28/2024				0.0018 (J)
2/29/2024	<0.005	<0.005	0.0043 (J)	
8/14/2024		<0.005	0.0053	0.0019 (J)
8/15/2024	<0.005			
3/12/2025	<0.005	0.0014 (J)	0.0022 (J)	
3/13/2025				0.0017 (J)
9/3/2025			0.0051	
9/4/2025	<0.005	<0.005		0.0023 (J)

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

Time Series

Constituent: Selenium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.005		
12/8/2016	<0.005	<0.005	
3/22/2017	<0.005		
3/23/2017		<0.005	
7/11/2017	<0.005		
7/12/2017		<0.005	
10/18/2017	<0.005		
10/19/2017		<0.005	
2/21/2018	<0.005	<0.005	
7/12/2018	<0.005	<0.005	
9/13/2018	<0.005		
9/14/2018		<0.005	
10/4/2018		<0.005	
8/21/2019	<0.005		
8/22/2019		<0.005	
10/2/2019	<0.005		
10/3/2019		<0.005	
3/25/2020	<0.005		
3/26/2020		<0.005	
8/26/2020	<0.005	<0.005	
10/7/2020	<0.005	<0.005	
3/3/2021	<0.005		
3/4/2021		<0.005	
9/15/2021	<0.005		
9/16/2021		<0.005	
1/26/2022	<0.005		
1/27/2022		<0.005	<0.005
8/24/2022	<0.005	<0.005	
8/26/2022			<0.005
2/15/2023	<0.005		
2/16/2023		<0.005	<0.005
9/19/2023	<0.005		
9/21/2023		<0.005	<0.005
2/27/2024	<0.005		
2/29/2024		<0.005	<0.005
8/13/2024	<0.005		
8/15/2024		<0.005	0.001 (J)
3/12/2025	<0.005		
3/13/2025		<0.005	<0.005
9/4/2025	<0.005		
9/5/2025		<0.005	<0.005

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	2.1			
10/18/2016			2.2	2.3
12/6/2016	2.4		6.1	
12/7/2016				1.9
3/21/2017	2.5		5.7	
3/23/2017				1.7
7/11/2017	2.6		4.8	1.8
10/17/2017	2.5		6.4	1.9
2/20/2018	2.3		5.2	2.1
4/12/2018		4.8 (J)		
5/23/2018		4.5		
6/13/2018		5.3		
7/11/2018	2.5	5.4	3.6	2
8/17/2018		4.5		
9/12/2018	2	4.4	2.7	
9/13/2018				2.1
10/4/2018		5.8		
10/24/2018		6.2		
3/26/2019	2.7		1.6	
3/27/2019		3.7		2.4
10/1/2019	2.8			2.2
10/2/2019		4.1	1.6	
3/24/2020	3	3.1		
3/25/2020			1.5	1.9
10/6/2020	2.4	3.1	0.98 (J)	1.9
3/3/2021	2.2		0.6 (J)	2
3/8/2021		2.7		
9/14/2021	2.6	3.8		1.8
9/15/2021			0.64 (J)	
1/25/2022	2.4	2.9		
1/26/2022			0.69 (J)	1.9
8/24/2022	2.2	2	0.56 (J)	1.7
2/14/2023	1.6	2.6	0.89 (J)	2
9/19/2023	2.2	3.2	0.61 (J)	1.5
2/27/2024		2.6		1.4
2/28/2024	<1		0.54 (J)	
8/13/2024	2.5	3.3	0.8 (J)	1.7
3/11/2025	1.8	2.2	0.56 (J)	
3/12/2025				1.6
9/3/2025	2.3	3.2	0.8 (J)	1.8

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

Time Series

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		4.1		
9/1/2016	62		73	
9/6/2016				49
12/7/2016	57	1.5	71	46
3/21/2017		2		
3/22/2017	61		80	53
7/11/2017		2		52
7/12/2017	53		78	
10/18/2017		4.2	82	58
10/19/2017	55			
2/20/2018		2.4		
2/21/2018	52.1		72.2	48.2
7/11/2018		3.8		
7/12/2018	53.9		80.5	48.8
9/12/2018		4.3		
9/13/2018	67.5		84.4	48.7
3/27/2019		8.2		46.5
3/28/2019	59.6		90.3	
10/2/2019		6.2	83	48.5
10/3/2019	59.6			
3/25/2020		11.9		
3/26/2020	57.1		83.6	43.5
10/6/2020		11		42.4
10/7/2020	48.9		80.7	
3/3/2021		8.8		
3/4/2021	49.7		74.1	38.9
9/15/2021		11.4	73.4	37.8
9/16/2021	41.8			
1/26/2022		9.1	77.2	38.9
1/27/2022	46.7			
8/25/2022	47.3	10.7	75.5	38.7
2/14/2023		10		
2/15/2023	49.9		75.7	38.1
9/19/2023				37.5
9/20/2023	40.7	12.5	74.9	
2/28/2024	40.3		77.4	
2/29/2024		13.3		37.9
8/14/2024		17.3	78.4	38.8
8/15/2024	39			
3/12/2025		13.9		37.8
3/13/2025	34.9		72.6	
9/3/2025	34.4			34.9
9/4/2025			76.2	
9/5/2025		16.7		

Time Series

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				29
9/7/2016	99	96	87	
12/7/2016				24
12/8/2016	94	94	84	
3/21/2017				31
3/22/2017	100	95		
3/23/2017			90	
7/11/2017				37
7/12/2017	100	96	93	
10/18/2017	100	99		34
10/19/2017			92	
2/20/2018				34.7
2/21/2018	98.8	91.8	84.5	
7/11/2018				35.4
7/12/2018			84.9	
8/15/2018		101		
8/16/2018	111			
9/13/2018		106		37.4
9/14/2018	102		89.5	
3/27/2019		111		41.9
3/28/2019	94.7		83.5	
9/10/2019				45.1
10/2/2019	104			
10/3/2019		95.8	84.9	
3/25/2020	92.4			47
3/26/2020		91	84.9	
10/6/2020				71.2
10/7/2020	89.1	87.3	83.3	
3/3/2021			80.8	66
3/4/2021	66.8	88.6		
9/15/2021				46.8
9/16/2021	70.9	86.9	72.7	
1/26/2022				37.8
1/27/2022	62.1	89.9	76.3	
8/25/2022	62.7	96.3	84.4	45.6
2/14/2023				35.1
2/15/2023		96.6	78.8	
2/16/2023	54.2			
9/20/2023	34.3	93.8	83.4	44.3
2/28/2024				33.5
2/29/2024	45.4	92.7	71.5	
8/14/2024		94.3	61.7	43.4
8/15/2024	18.3			
3/12/2025	31.5	89.9	79.8	
3/13/2025				33.3
9/3/2025			58.5	
9/4/2025	19.2	89.6		53.6

Time Series

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	48		
12/8/2016	46	100	
3/22/2017	53		
3/23/2017		100	
7/11/2017	51		
7/12/2017		97	
10/18/2017	50		
10/19/2017		97	
2/21/2018	46.8	93.6	
7/12/2018	48.3	89.4	
9/13/2018	42		
9/14/2018		88.9	
10/4/2018		97.8	
3/27/2019	43.7		
3/28/2019		76.7	
10/2/2019	43		
10/3/2019		72.1	
3/25/2020	39.1		
3/26/2020		66.6	
10/7/2020	38.1	54.6	
3/3/2021	39.2		
3/4/2021		49.3	
9/15/2021	37.8		
9/16/2021		40.4	
1/26/2022	37.5		
1/27/2022		40	94.5
8/24/2022	35.7	34.7	
8/26/2022			87.2
2/15/2023	37.1		
2/16/2023		36	77.7
9/19/2023	34.7		
9/21/2023		34.8	66.7
2/27/2024	34		
2/29/2024		32.2	65.1
8/13/2024	34.8		
8/15/2024		31.6	59.7
3/12/2025	35.3		
3/13/2025		31.3	56.8
9/4/2025	31.1		
9/5/2025		32.5	55.6

Time Series

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	136			
10/18/2016			264	152
12/6/2016	207		299	
12/7/2016				214
3/21/2017	128		260	
3/23/2017				165
7/11/2017	138		244	162
10/17/2017	101		218	140
2/20/2018	138		264	163
4/12/2018		69		
5/23/2018		62		
6/13/2018		93		
7/11/2018	153	84	273	192
8/17/2018		115		
9/12/2018	146	97	252	
9/13/2018				192
10/4/2018		103		
10/24/2018		110		
3/26/2019	334		253	
3/27/2019		87		167
10/1/2019	146			187
10/2/2019		95	263	
3/24/2020	228	123		
3/25/2020			278	178
10/6/2020	153	81	254	169
3/3/2021	134		264	166
3/8/2021		126		
9/14/2021	150	71		179
9/15/2021			256	
1/25/2022	148	68		
1/26/2022			262	182
8/24/2022	139	287	261	172
10/11/2022		75		173
2/14/2023	200	140	257	177
9/19/2023	146	86	265	217
2/27/2024		75		192
2/28/2024	176		276	
8/13/2024	163	69	263	187
3/11/2025	161	82	259	
3/12/2025				200
9/3/2025	149	72	257	192

Time Series

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		344		
9/1/2016	373		284	
9/6/2016				257
12/7/2016	433	393	242	248
3/21/2017		276		
3/22/2017	409		332	304
7/11/2017		263		265
7/12/2017	374		308	
10/18/2017		261	275	240
10/19/2017	318			
2/20/2018		295		
2/21/2018	367		312	285
7/11/2018		294		
7/12/2018	423		337	285
9/12/2018		286		
9/13/2018	394		336	291
3/27/2019		281		277
3/28/2019	365		337	
10/2/2019		312	355	284
10/3/2019	405			
3/25/2020		330		
3/26/2020	332		330	286
10/6/2020		241		261
10/7/2020	334		336	
3/3/2021		258		
3/4/2021	335		300	264
9/15/2021		292	326	270
9/16/2021	307			
1/26/2022		288	308	267
1/27/2022	331			
8/25/2022	325	259	319	90
2/14/2023		300		
2/15/2023	335		329	334
9/19/2023				298
9/20/2023	302	293	328	
2/28/2024	325		342	
2/29/2024		308		292
8/14/2024		284	342	311
8/15/2024	350			
3/12/2025		304		328
3/13/2025	316		329	
9/3/2025	310			329
9/4/2025			335	
9/5/2025		283		

Time Series

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				400
9/7/2016	392	415	508	
12/7/2016				406
12/8/2016	431	441	556	
3/21/2017				409
3/22/2017	456	469		
3/23/2017			482	
7/11/2017				414
7/12/2017	445	432	497	
10/18/2017	349	368		366
10/19/2017			448	
2/20/2018				429
2/21/2018	411	409	500	
7/11/2018				440
7/12/2018			523	
8/15/2018		422		
8/16/2018	415			
9/13/2018		438		448
9/14/2018	403		486	
3/27/2019		408		410
3/28/2019	420		378	
9/10/2019				420
10/2/2019	415			
10/3/2019		464	485	
3/25/2020	408			454
3/26/2020		415	440	
10/6/2020				462
10/7/2020	392	425	492	
3/3/2021			452	444
3/4/2021	325	427		
9/15/2021				422
9/16/2021	330	419	450	
1/26/2022				413
1/27/2022	329	433	442	
8/25/2022	321	446	528	437
2/14/2023				414
2/15/2023		477	529	
2/16/2023	299			
9/20/2023	256	451	512	421
2/28/2024				430
2/29/2024	277	473	470	
8/14/2024		468	436	436
8/15/2024	245			
3/12/2025	252	475	538	
3/13/2025				435
9/3/2025			412	
9/4/2025	210	465		470

Time Series

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	293		
12/8/2016	309	503	
3/22/2017	299		
3/23/2017		430	
7/11/2017	301		
7/12/2017		438	
10/18/2017	256		
10/19/2017		393	
2/21/2018	297	435	
7/12/2018	310	447	
9/13/2018	307		
9/14/2018		447	
10/4/2018		450	
3/27/2019	287		
3/28/2019		405	
10/2/2019	312		
10/3/2019		414	
3/25/2020	280		
3/26/2020		336	
10/7/2020	280	337	
3/3/2021	267		
3/4/2021		283	
9/15/2021	272		
9/16/2021		296	
1/26/2022	276		
1/27/2022		274	387
8/24/2022	286	265	
8/26/2022			358
10/11/2022	267		
2/15/2023	264		
2/16/2023		293	421
9/19/2023	311		
9/21/2023		300	311
2/27/2024	287		
2/29/2024		314	334
8/13/2024	273		
8/15/2024		341	348
3/12/2025	298		
3/13/2025		323	321
9/4/2025	279		
9/5/2025		338	315

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)
8/30/2016	<0.0005			
10/18/2016			<0.0005	<0.0005
12/6/2016	<0.0005		<0.0005	
12/7/2016				0.0002 (J)
3/21/2017	<0.0005		6E-05 (J)	
3/23/2017				8E-05 (J)
7/11/2017	<0.0005		<0.0005	7E-05 (J)
10/17/2017	<0.0005		<0.0005	8E-05 (J)
2/20/2018	<0.0005		<0.0005	<0.0005
4/12/2018		<0.0005		
5/23/2018		<0.0005		
6/13/2018		<0.0005		
7/11/2018	<0.0005	<0.0005	<0.0005	<0.0005
8/17/2018		<0.0005		
9/12/2018	<0.0005	<0.0005	<0.0005	
9/13/2018				<0.0005
10/4/2018		<0.0005		
10/24/2018		0.00016 (J)		
8/20/2019	<0.0005			<0.0005
8/21/2019		<0.0005	6.1E-05 (J)	
10/1/2019	<0.0005			<0.0005
10/2/2019		<0.0005	<0.0005	
3/24/2020	<0.0005	<0.0005		
3/25/2020			<0.0005	<0.0005
8/25/2020	<0.0005		<0.0005	<0.0005
8/26/2020		<0.0005		
10/6/2020	<0.0005	<0.0005	<0.0005	<0.0005
3/3/2021	<0.0005		<0.0005	<0.0005
3/8/2021		<0.0005		
9/14/2021	<0.0005	<0.0005		<0.0005
9/15/2021			<0.0005	
1/25/2022	<0.0005	<0.0005		
1/26/2022			<0.0005	<0.0005
8/24/2022	<0.0005	<0.0005	<0.0005	<0.0005
2/14/2023	<0.0005	<0.0005	<0.0005	<0.0005
9/19/2023	0.00028 (J)	<0.0005	<0.0005	<0.0005
2/27/2024		<0.0005		<0.0005
2/28/2024	<0.0005		<0.0005	
8/13/2024	<0.0005	<0.0005	<0.0005	<0.0005
3/11/2025	<0.0005	<0.0005	<0.0005	
3/12/2025				<0.0005
9/3/2025	<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 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.0005		
9/1/2016	<0.0005		<0.001	
9/6/2016				<0.0005
12/7/2016	<0.0005	<0.0005	<0.001	<0.0005
3/21/2017		6E-05 (J)		
3/22/2017	0.0002 (J)		<0.001	0.0002 (J)
7/11/2017		<0.0005		0.0002 (J)
7/12/2017	0.0001 (J)		<0.001	
10/18/2017		<0.0005	<0.001	0.0002 (J)
10/19/2017	0.0001 (J)			
2/20/2018		<0.0005		
2/21/2018	<0.0005		<0.001	0.00018 (J)
7/11/2018		<0.0005		
7/12/2018	<0.0005		<0.001	<0.0005
9/12/2018		<0.0005		
9/13/2018	<0.0005		<0.001	0.00017 (J)
8/21/2019		<0.0005	0.00022 (J)	5.7E-05 (J)
8/22/2019	8.6E-05 (J)			
10/2/2019		<0.0005	0.00016 (J)	5.3E-05 (J)
10/3/2019	7.8E-05 (J)			
3/25/2020		<0.0005		
3/26/2020	8.5E-05 (J)		0.00014 (J)	<0.0005
8/26/2020	<0.0005	<0.0005	0.00027 (J)	<0.0005
10/6/2020		<0.0005		<0.0005
10/7/2020	<0.0005		0.00022 (J)	
3/3/2021		<0.0005		
3/4/2021	<0.0005		0.00022 (J)	<0.0005
9/15/2021		<0.0005	0.0002 (J)	<0.0005
9/16/2021	<0.0005			
1/26/2022		<0.0005	<0.001	<0.0005
1/27/2022	<0.0005			
8/25/2022	<0.0005	<0.0005	<0.001	<0.0005
2/14/2023		<0.0005		
2/15/2023	<0.0005		<0.001	<0.0005
9/19/2023				<0.0005
9/20/2023	<0.0005	<0.0005	<0.001	
2/28/2024	<0.0005		<0.001	
2/29/2024		<0.0005		<0.0005
8/14/2024		<0.0005	<0.001	<0.0005
8/15/2024	<0.0005			
3/12/2025		<0.0005		<0.0005
3/13/2025	<0.0005		<0.001	
9/3/2025	<0.0005			<0.0005
9/4/2025			0.00016 (JCU)	
9/5/2025		<0.0005		

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/12/2025 5:00 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.001
9/7/2016	<0.001	<0.001	<0.001	
12/7/2016				0.0002 (J)
12/8/2016	<0.001	<0.001	0.0003 (J)	
3/21/2017				0.0003 (J)
3/22/2017	<0.001	4E-05 (J)		
3/23/2017			0.0003 (J)	
7/11/2017				0.0002 (J)
7/12/2017	<0.001	<0.001	0.0004 (J)	
10/18/2017	<0.001	5E-05 (J)		0.0001 (J)
10/19/2017			0.0005 (J)	
2/20/2018				0.00026 (J)
2/21/2018	<0.001	<0.001	0.00049 (J)	
7/11/2018				0.00018 (J)
7/12/2018			0.00077 (J)	
8/15/2018		<0.001		
8/16/2018	<0.001			
9/13/2018		<0.001		<0.001
9/14/2018	<0.001		0.00076 (J)	
8/21/2019				0.00016 (J)
8/22/2019	0.00018 (J)	7E-05 (J)	0.00055 (J)	
9/10/2019				<0.001
10/2/2019	0.00016 (J)			
10/3/2019		<0.001	0.00071 (J)	
3/25/2020	0.0002 (J)			0.00015 (J)
3/26/2020		7.1E-05 (J)	0.00068 (J)	
8/26/2020	0.00025 (J)		0.00056 (J)	0.00016 (J)
8/27/2020		<0.001		
10/6/2020				<0.001
10/7/2020	0.00022 (J)	<0.001	0.0007 (J)	
3/3/2021			0.00072 (J)	0.00017 (J)
3/4/2021	0.00039 (J)	<0.001		
9/15/2021				<0.001
9/16/2021	0.00034 (J)	<0.001	0.00066 (J)	
1/26/2022				<0.001
1/27/2022	0.00038 (J)	<0.001	0.00063 (J)	
8/25/2022	0.00037 (J)	<0.001	0.00053 (J)	<0.001
2/14/2023				<0.001
2/15/2023		<0.001	0.00051 (J)	
2/16/2023	0.00038 (J)			
9/20/2023	0.00024 (J)	<0.001	0.00052 (J)	<0.001
2/28/2024				<0.001
2/29/2024	<0.001	<0.001	0.0005 (J)	
8/14/2024		<0.001	0.00045 (J)	<0.001
8/15/2024	<0.001			
3/12/2025	0.00035 (J)	<0.001	0.00054 (J)	
3/13/2025				<0.001
9/3/2025			0.00042 (J)	
9/4/2025	0.00032 (JCU)	0.00017 (JCU)		0.00017 (JCU)

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

Time Series

Constituent: Thallium (mg/L) Analysis Run 10/12/2025 5:00 PM

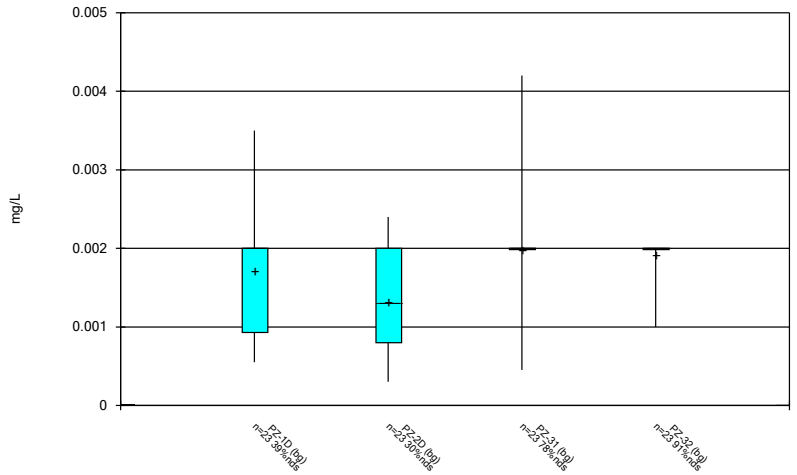
Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	<0.001		
12/8/2016	<0.001	<0.0005	
3/22/2017	<0.001		
3/23/2017		0.0001 (J)	
7/11/2017	<0.001		
7/12/2017		0.0001 (J)	
10/18/2017	<0.001		
10/19/2017		0.0001 (J)	
2/21/2018	<0.001	<0.0005	
7/12/2018	<0.001	<0.0005	
9/13/2018	<0.001		
9/14/2018		<0.0005	
10/4/2018		<0.0005	
8/21/2019	0.00046 (J)		
8/22/2019		0.00017 (J)	
10/2/2019	0.00024 (J)		
10/3/2019		0.00018 (J)	
3/25/2020	0.00037 (J)		
3/26/2020		0.00015 (J)	
8/26/2020	0.00037 (J)	<0.0005	
10/7/2020	0.00027 (J)	<0.0005	
3/3/2021	0.00036 (J)		
3/4/2021		<0.0005	
9/15/2021	0.00066 (J)		
9/16/2021		<0.0005	
1/26/2022	0.00039 (J)		
1/27/2022		<0.0005	<0.0005
8/24/2022	0.00048 (J)	<0.0005	
8/26/2022			<0.0005
2/15/2023	0.00045 (J)		
2/16/2023		<0.0005	<0.0005
9/19/2023	0.00061 (J)		
9/21/2023		<0.0005	<0.0005
2/27/2024	0.00065 (J)		
2/29/2024		<0.0005	<0.0005
8/13/2024	0.0008 (J)		
8/15/2024		<0.0005	<0.0005
3/12/2025	0.00075 (J)		
3/13/2025		<0.0005	<0.0005
9/4/2025	0.00071		
9/5/2025		<0.0005	<0.0005

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

FIGURE B.

Box & Whiskers Plot



Constituent: Antimony Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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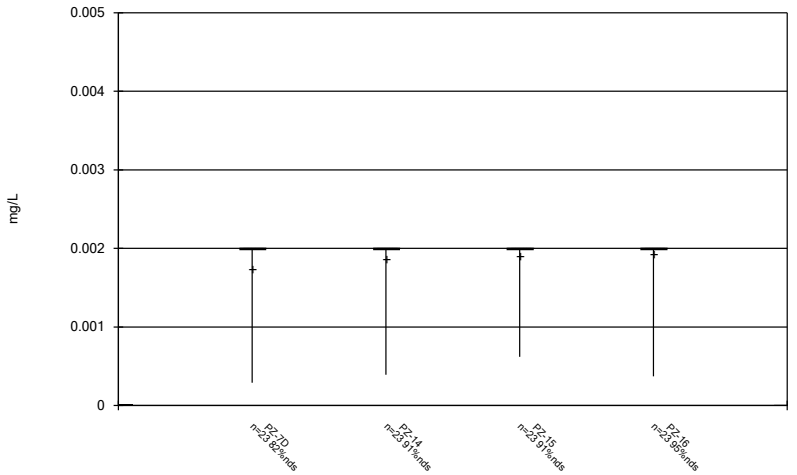
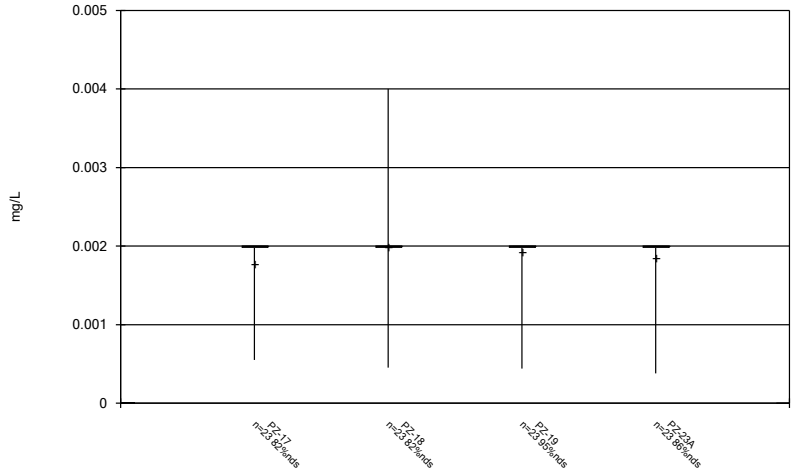
Box & Whiskers Plot



Constituent: Antimony Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Antimony Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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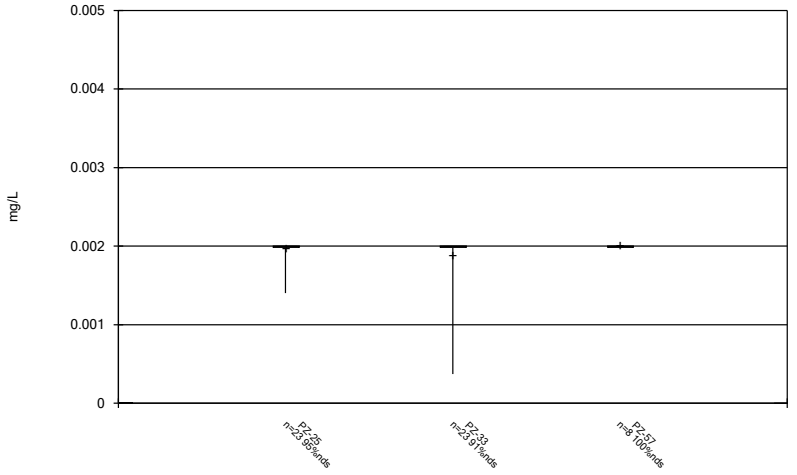
Box & Whiskers Plot



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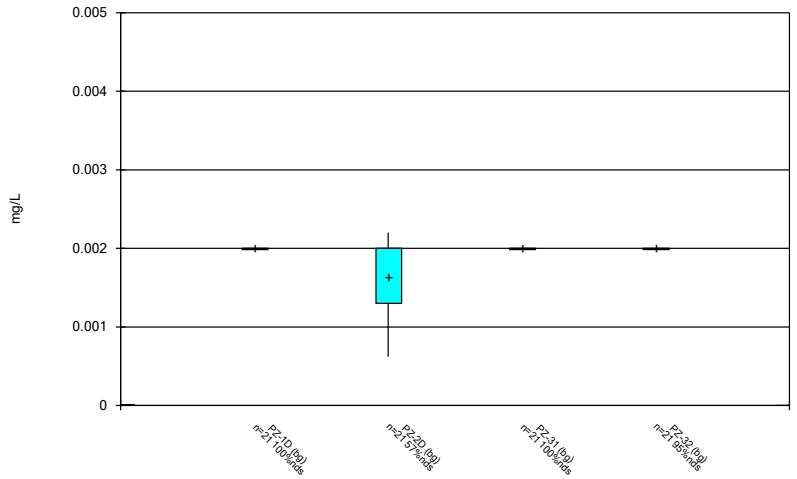
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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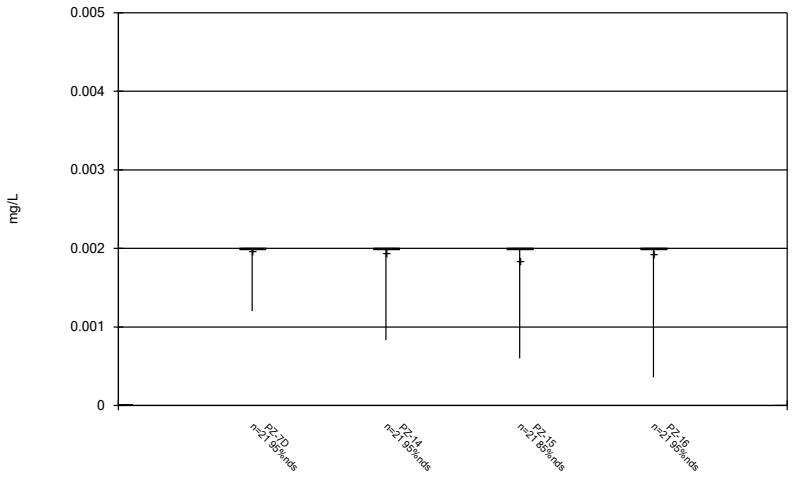
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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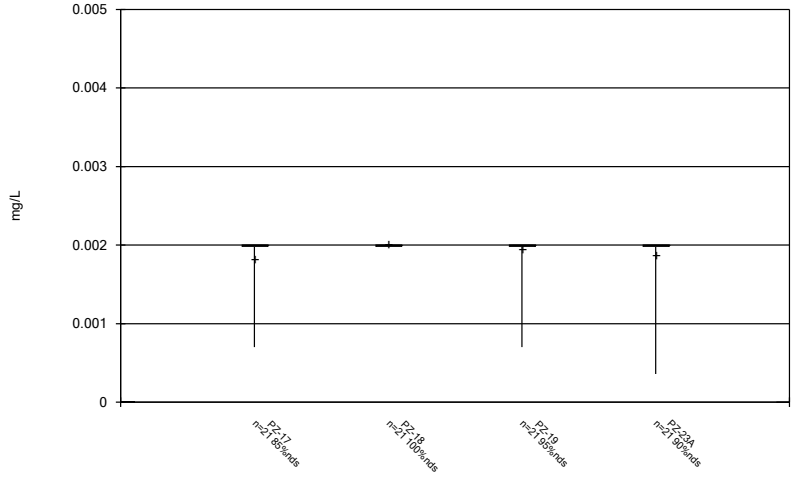
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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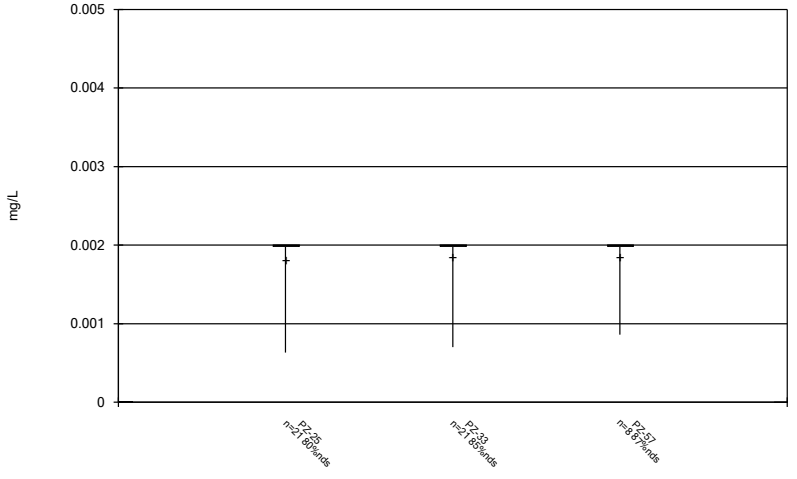
Box & Whiskers Plot



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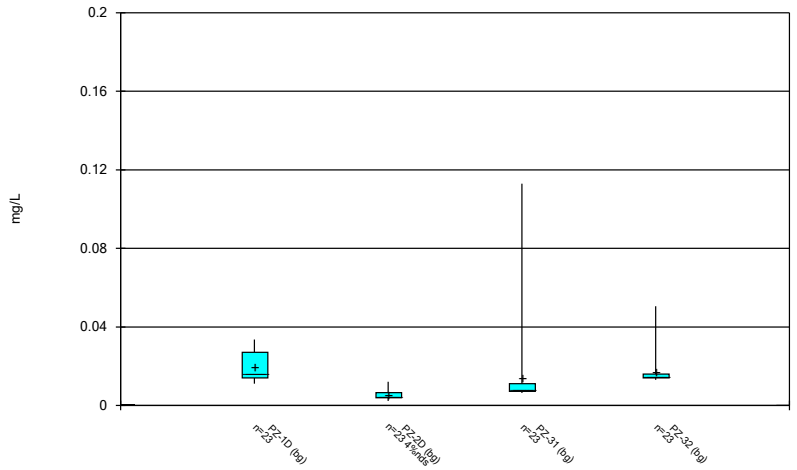
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Barium Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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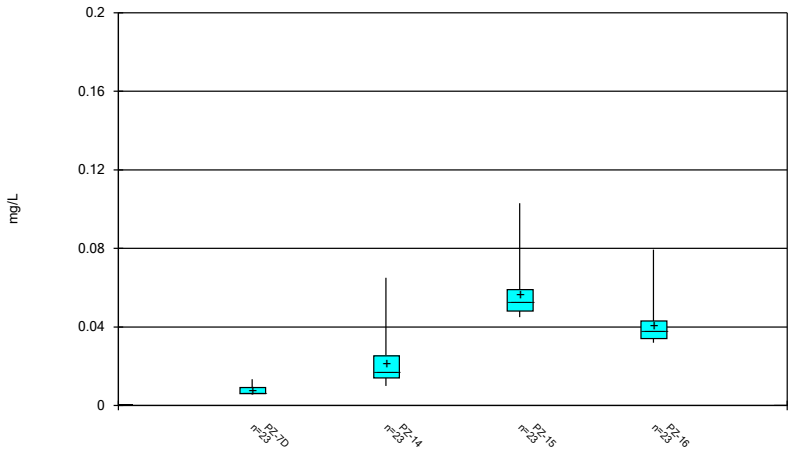
Box & Whiskers Plot



Constituent: Barium Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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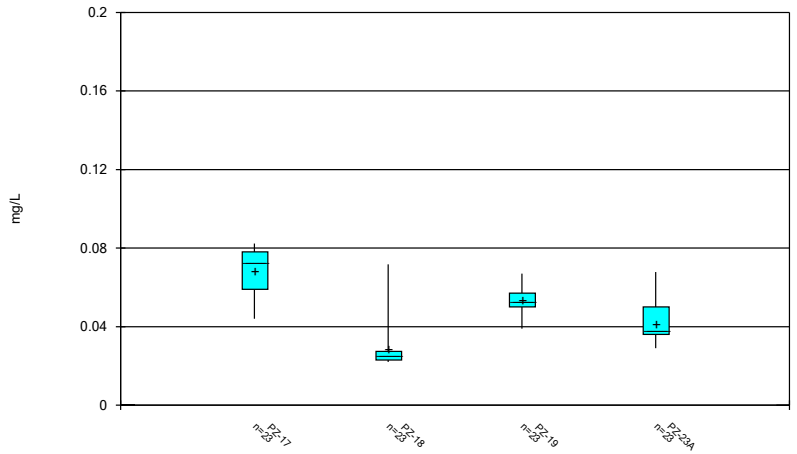
Box & Whiskers Plot



Constituent: Barium Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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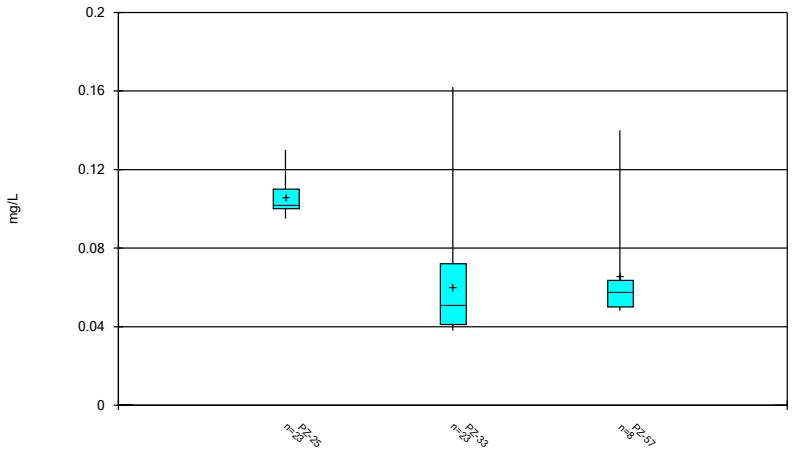
Box & Whiskers Plot



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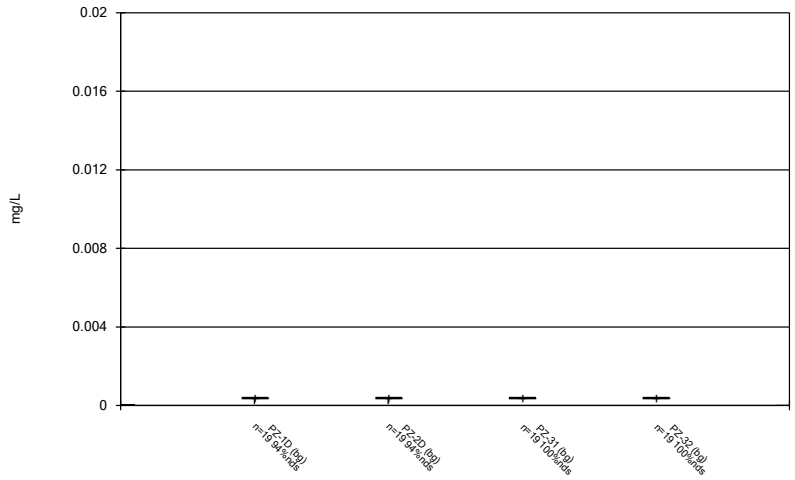
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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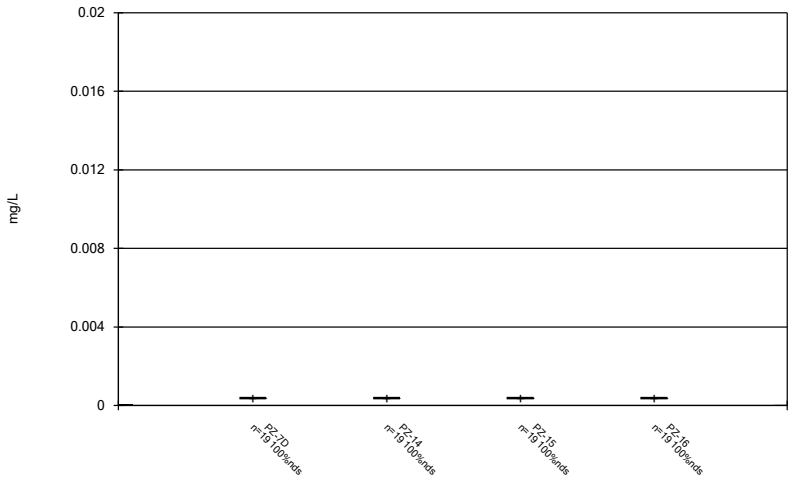
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 10/12/2025 5:01 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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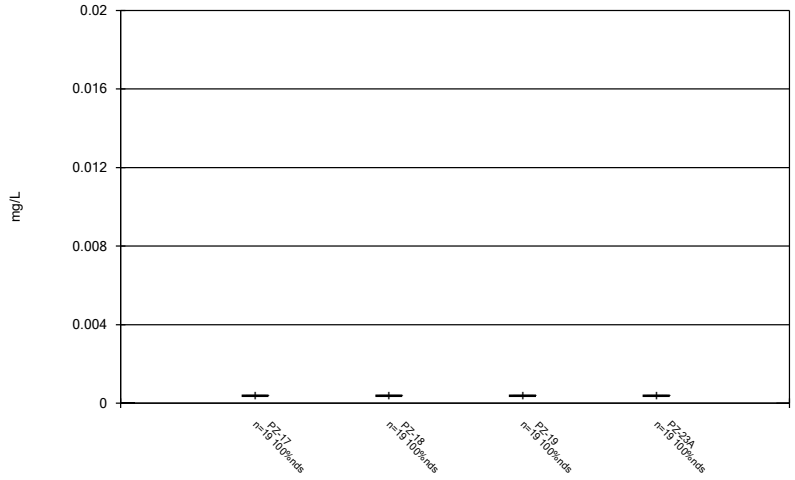
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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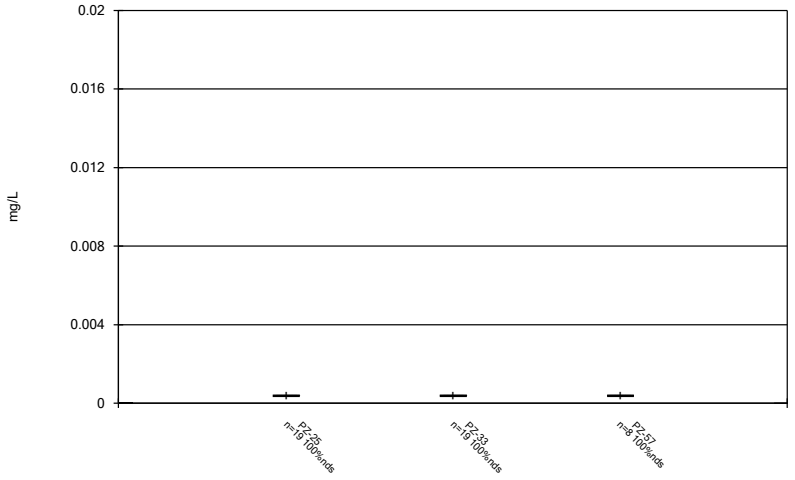
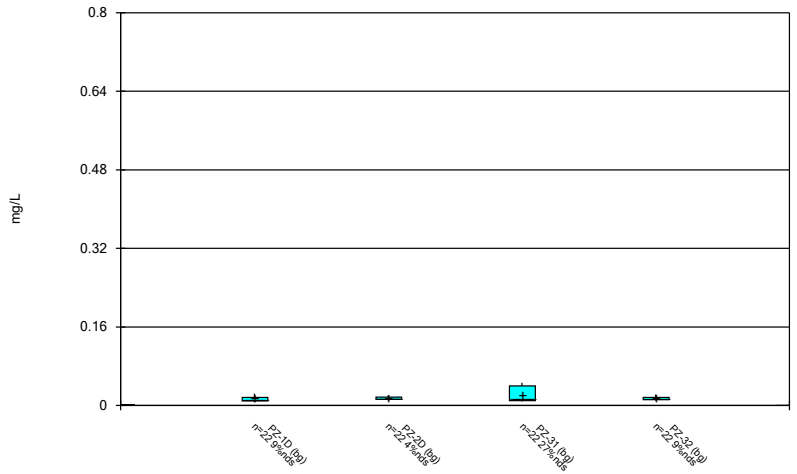
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Boron Analysis Run 10/12/2025 5:02 PM

Plant Mitchell Client: Southern Company Data: Mitchell AP

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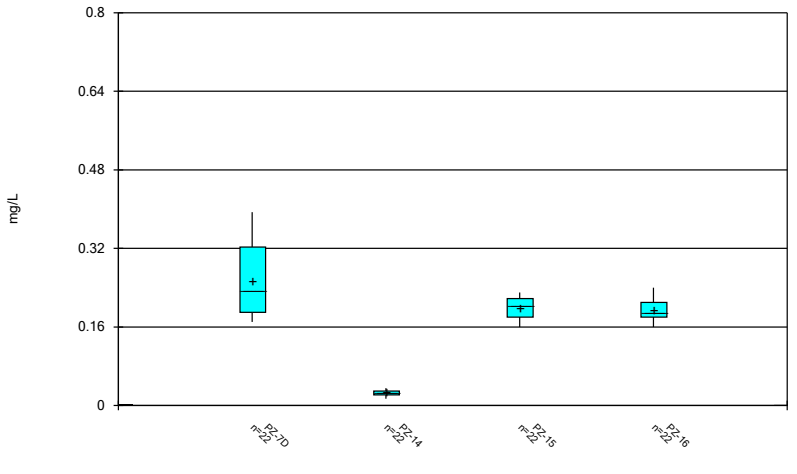
Box & Whiskers Plot



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Plant Mitchell Client: Southern Company Data: Mitchell AP

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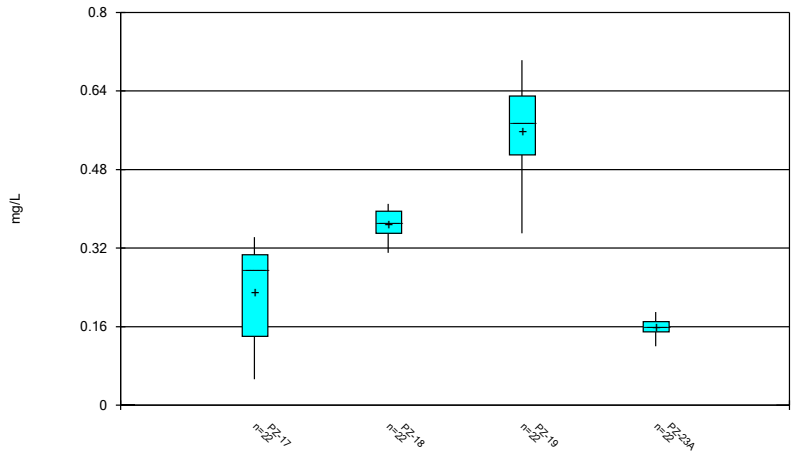
Box & Whiskers Plot



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Plant Mitchell Client: Southern Company Data: Mitchell AP

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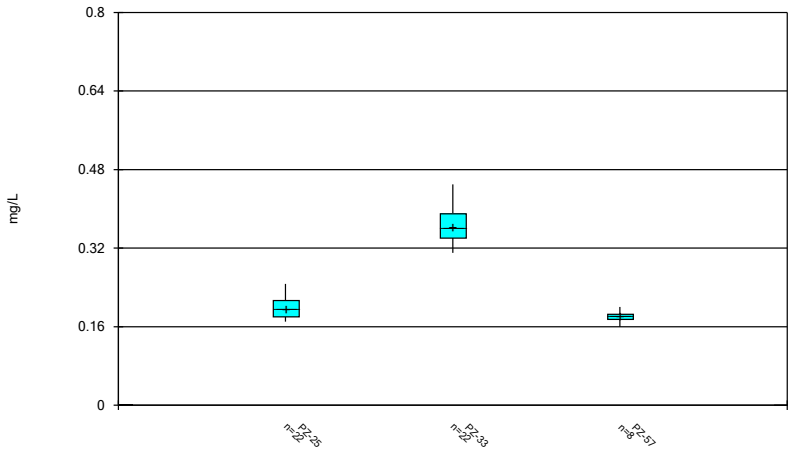
Box & Whiskers Plot



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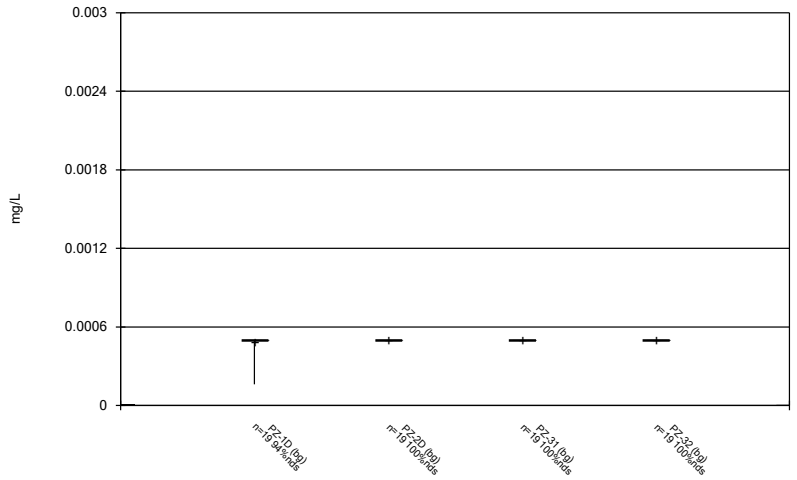
Box & Whiskers Plot



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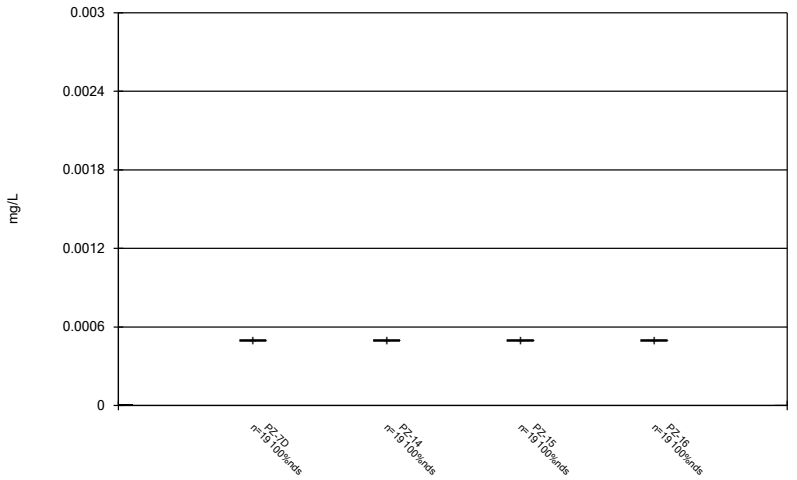
Box & Whiskers Plot



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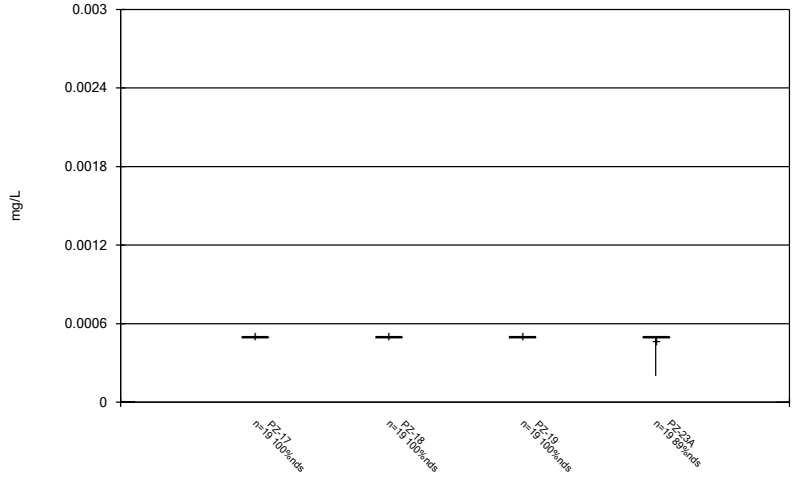
Box & Whiskers Plot



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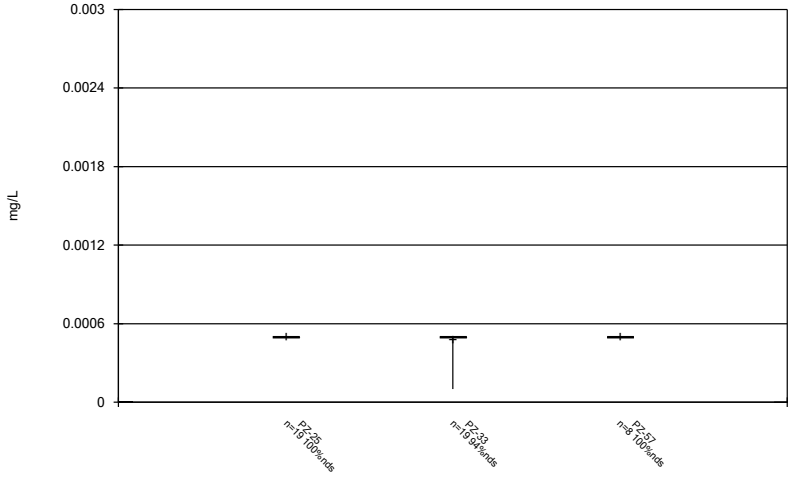
Box & Whiskers Plot



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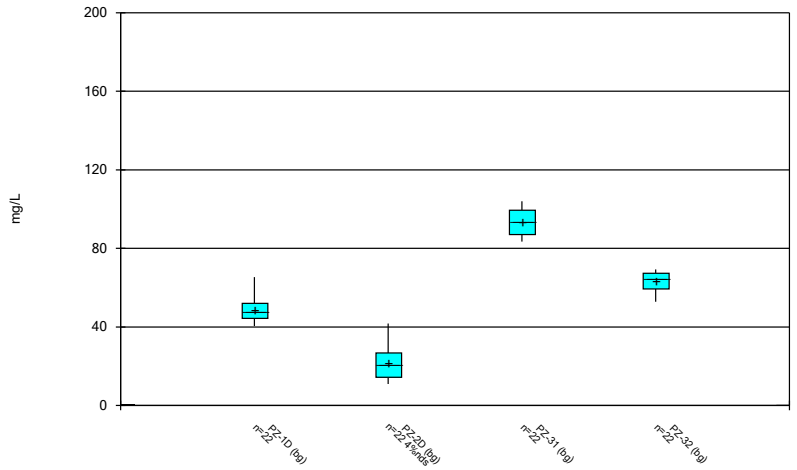
Box & Whiskers Plot



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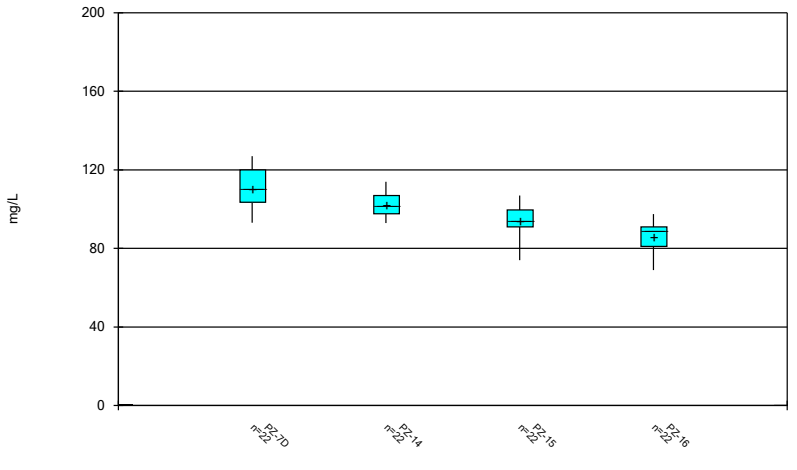
Box & Whiskers Plot



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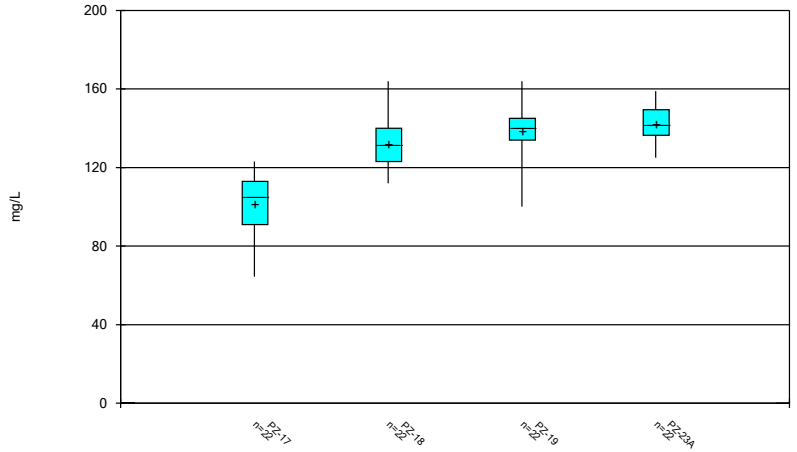
Box & Whiskers Plot



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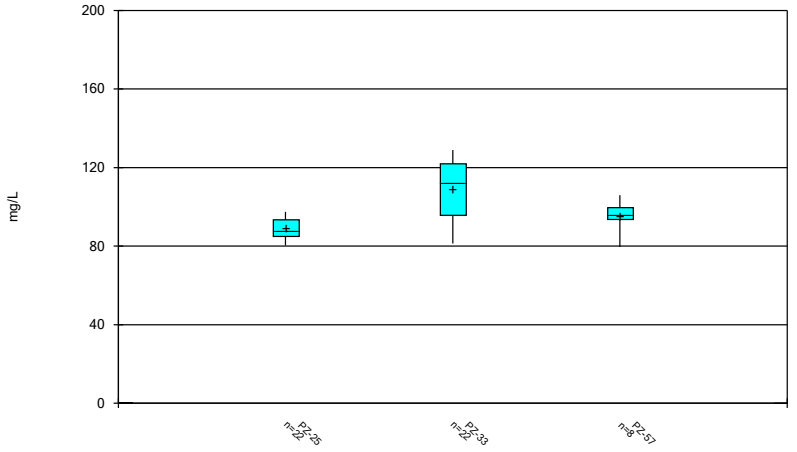
Box & Whiskers Plot



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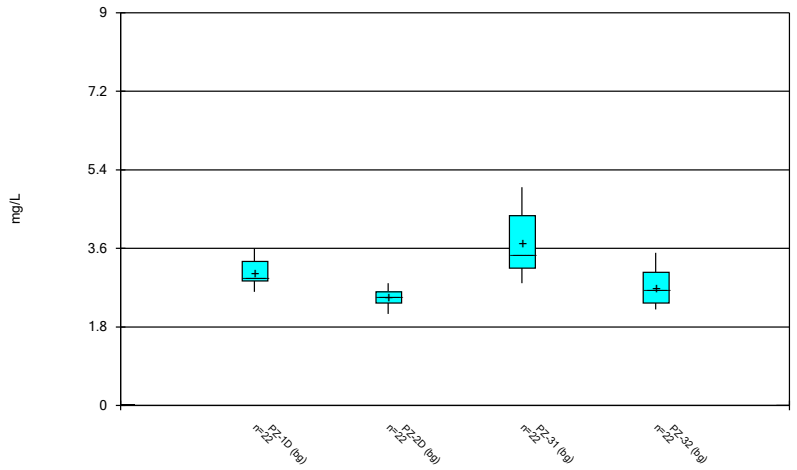

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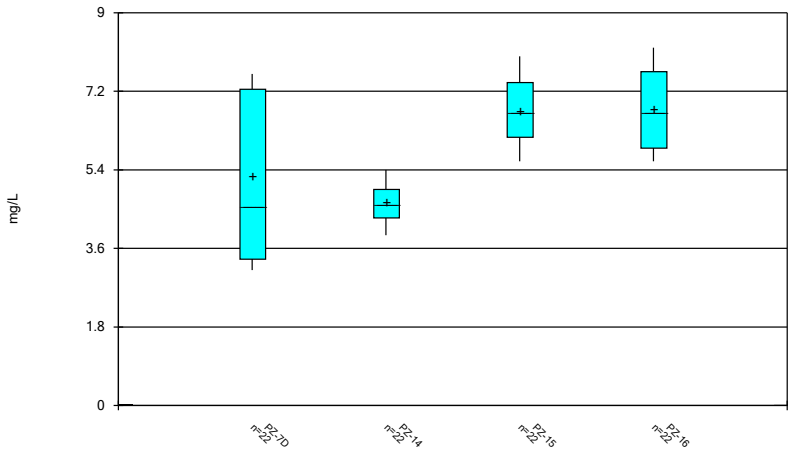
Box & Whiskers Plot



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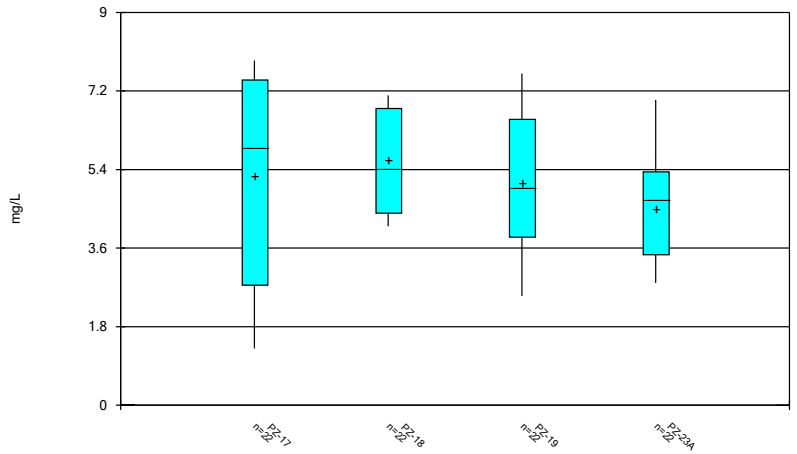

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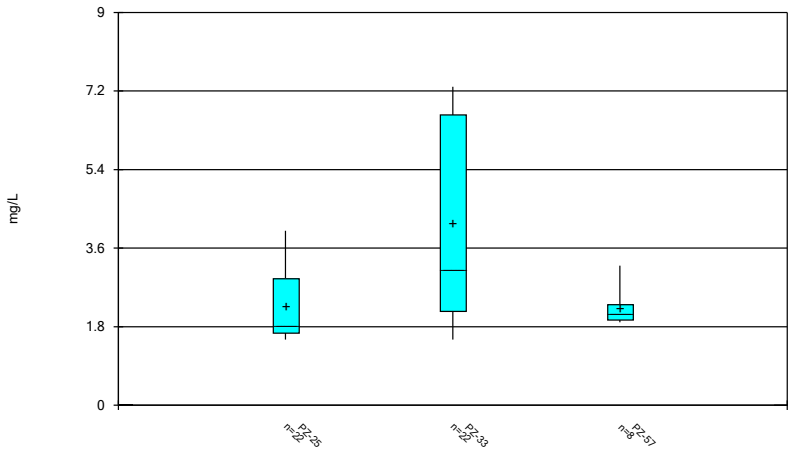
Box & Whiskers Plot



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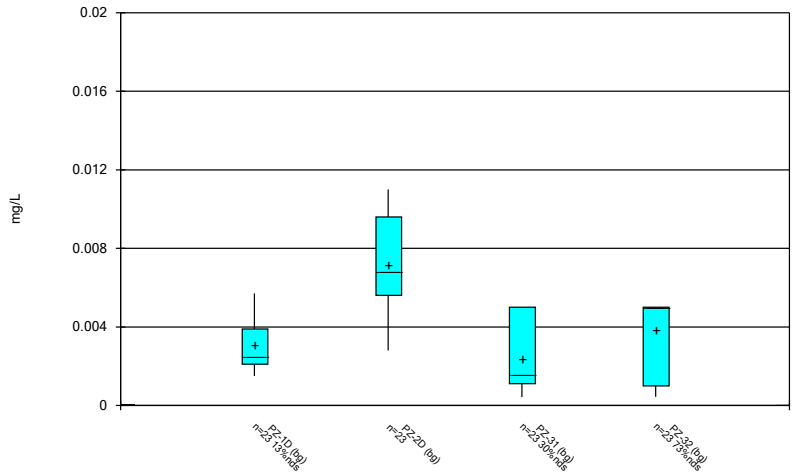

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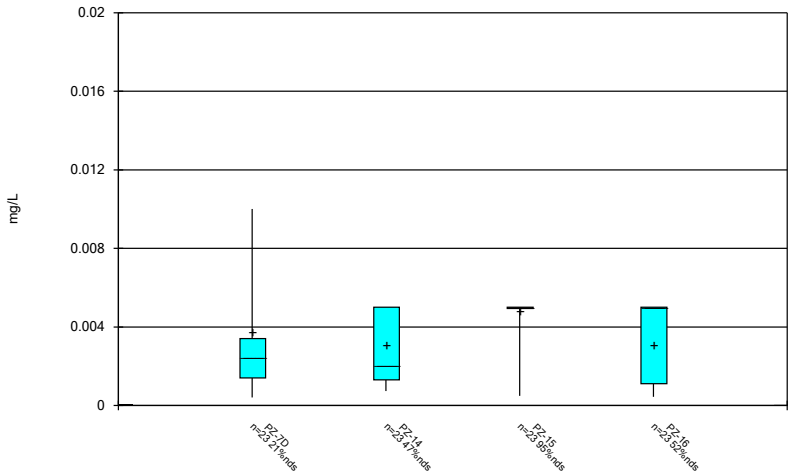
Box & Whiskers Plot



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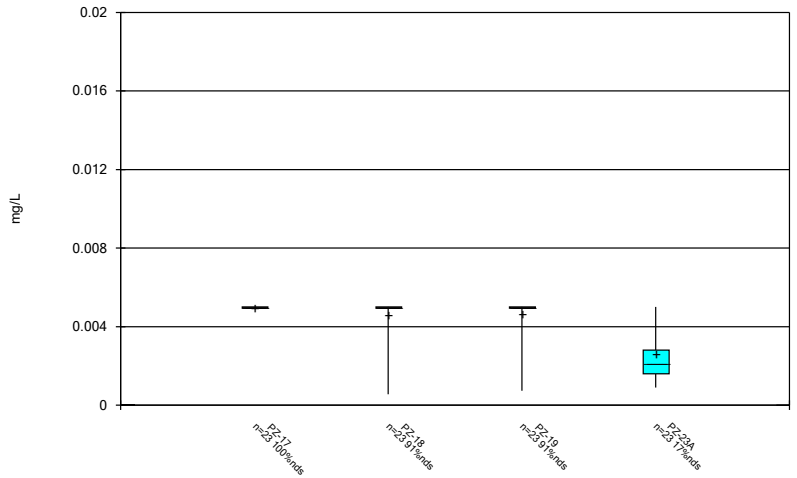
Box & Whiskers Plot



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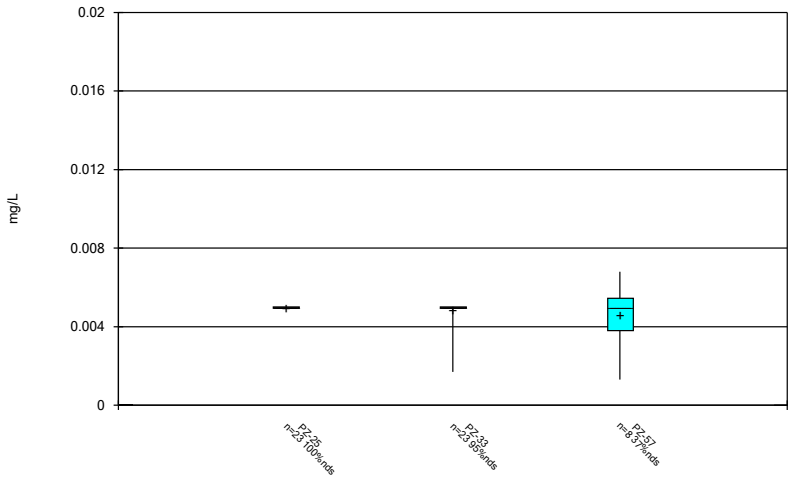
Box & Whiskers Plot



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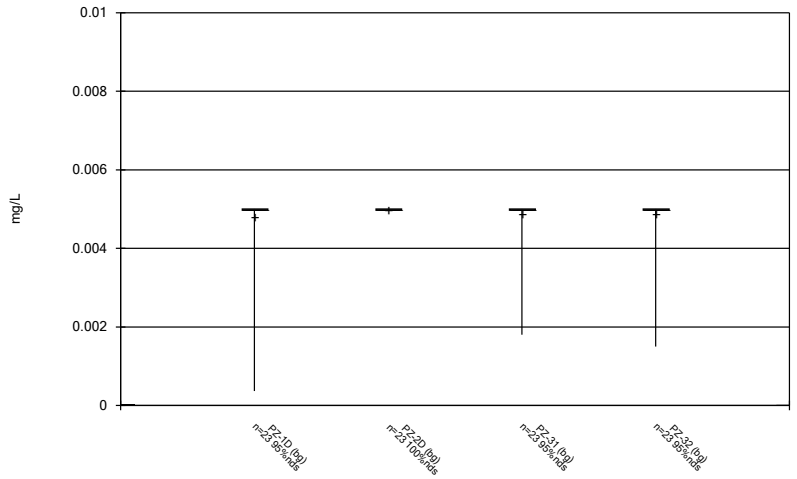
Box & Whiskers Plot



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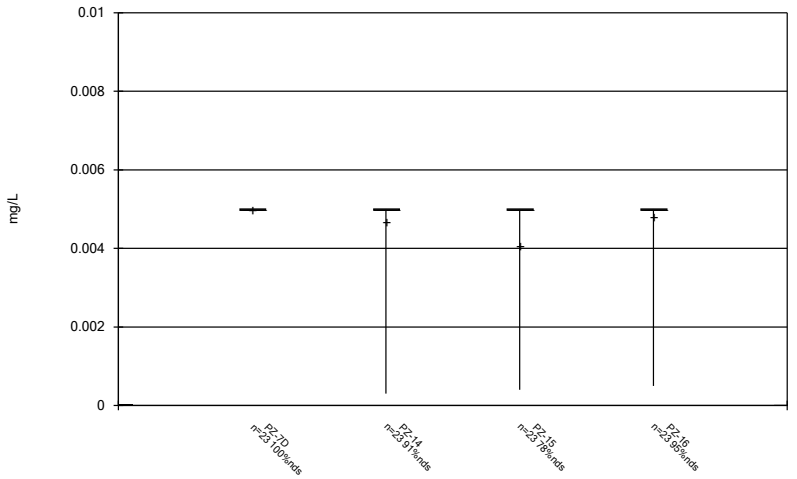
Box & Whiskers Plot



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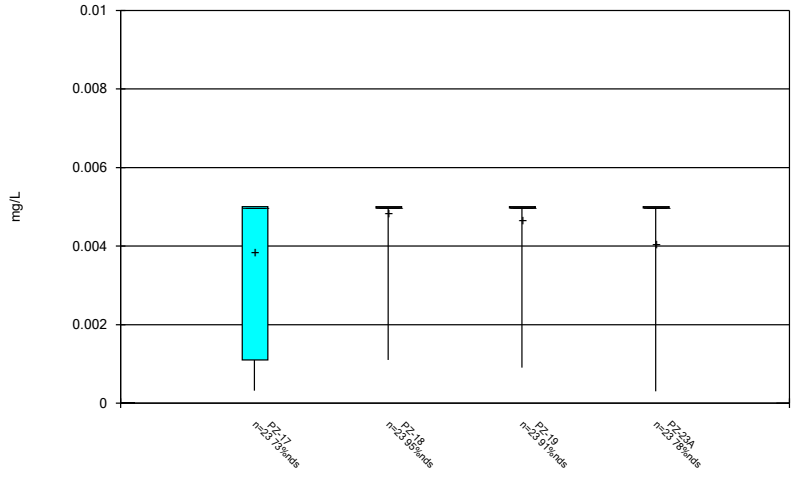
Box & Whiskers Plot



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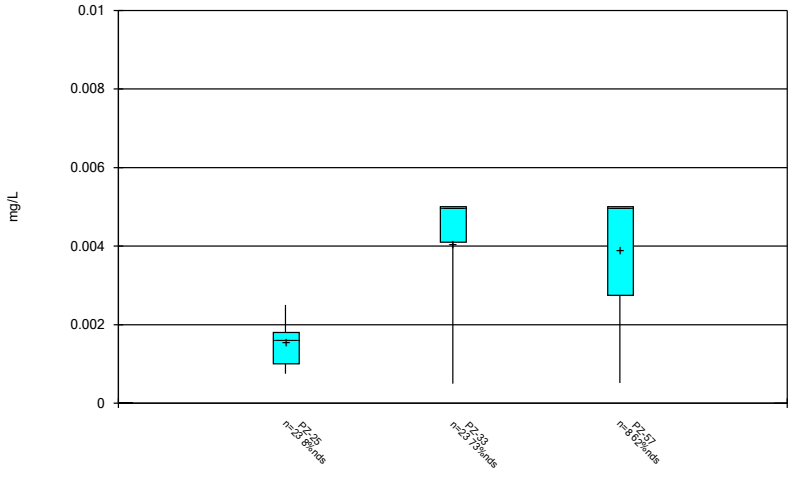
Box & Whiskers Plot



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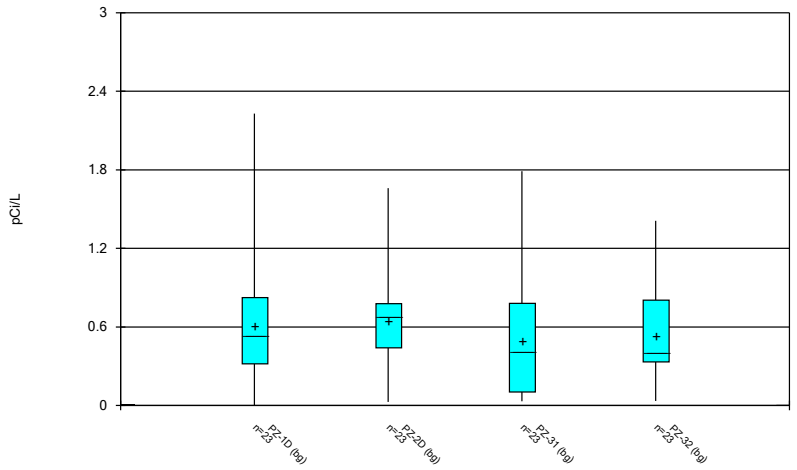
Box & Whiskers Plot



Constituent: Combined Radium 226 + 228 Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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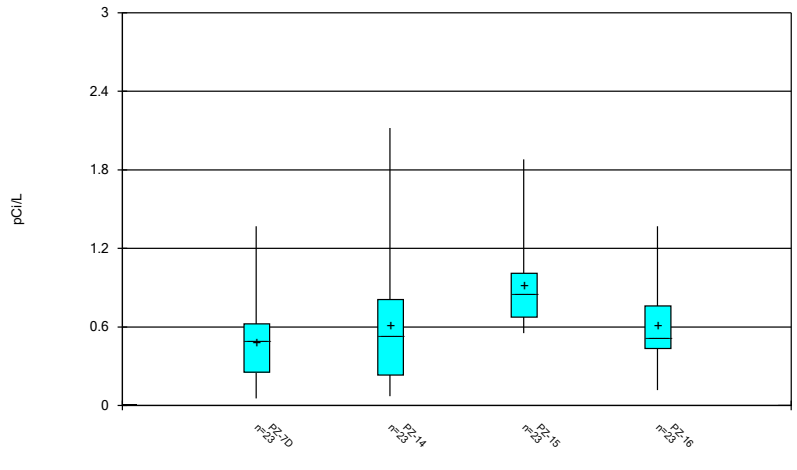
Box & Whiskers Plot



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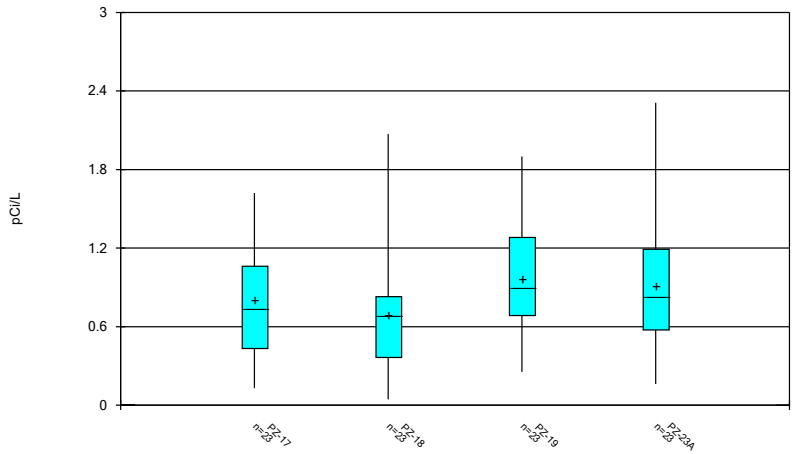
Box & Whiskers Plot



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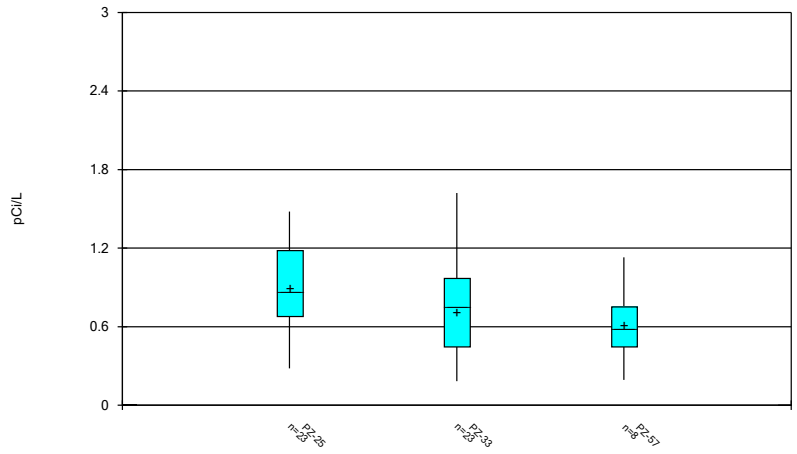
Box & Whiskers Plot



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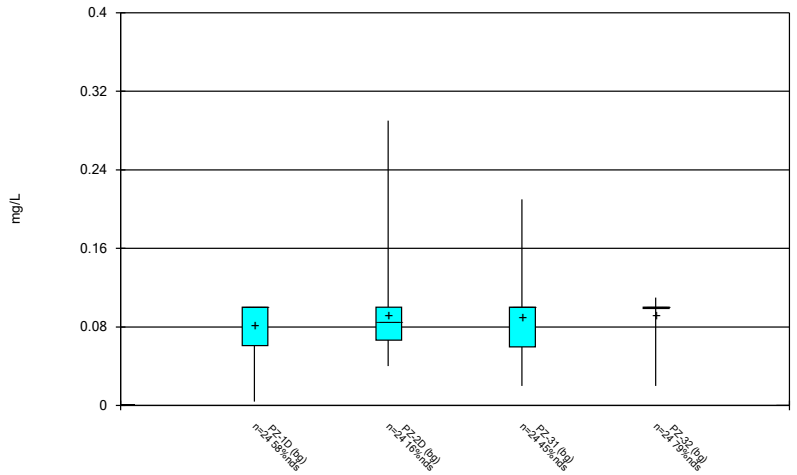
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 10/12/2025 5:02 PM
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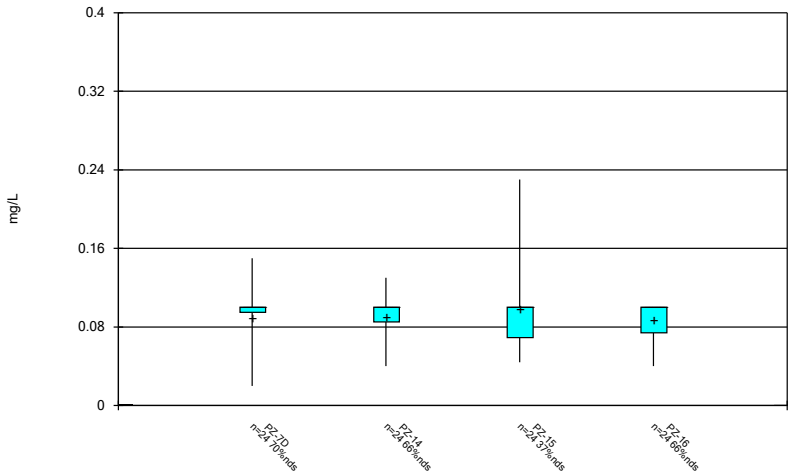
Box & Whiskers Plot



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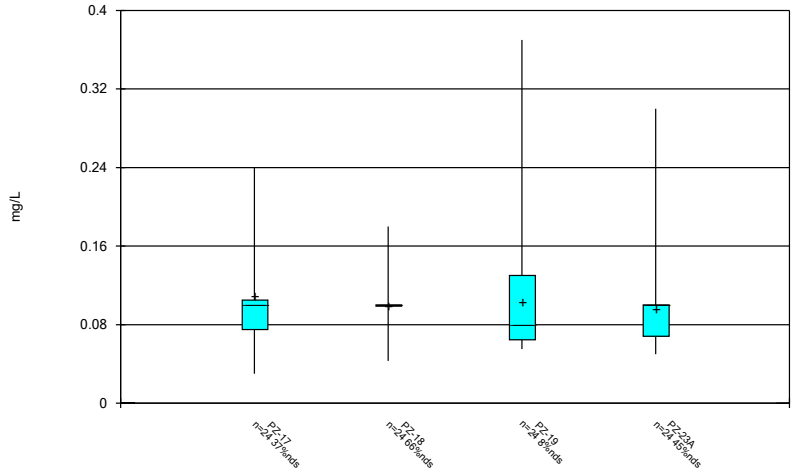
Box & Whiskers Plot



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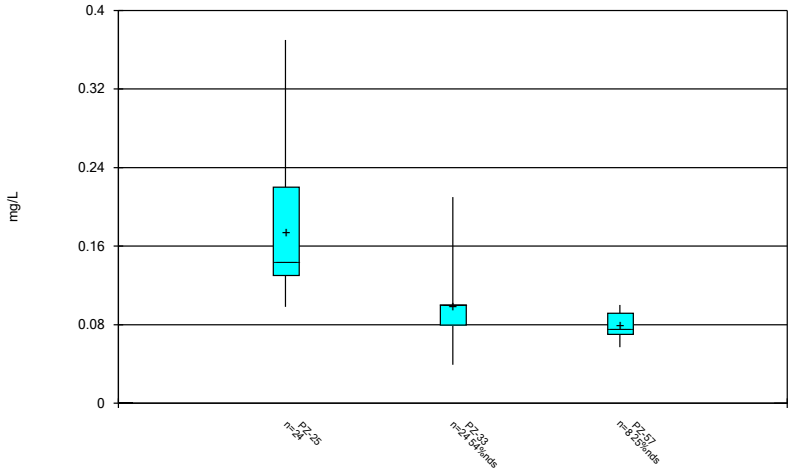
Box & Whiskers Plot



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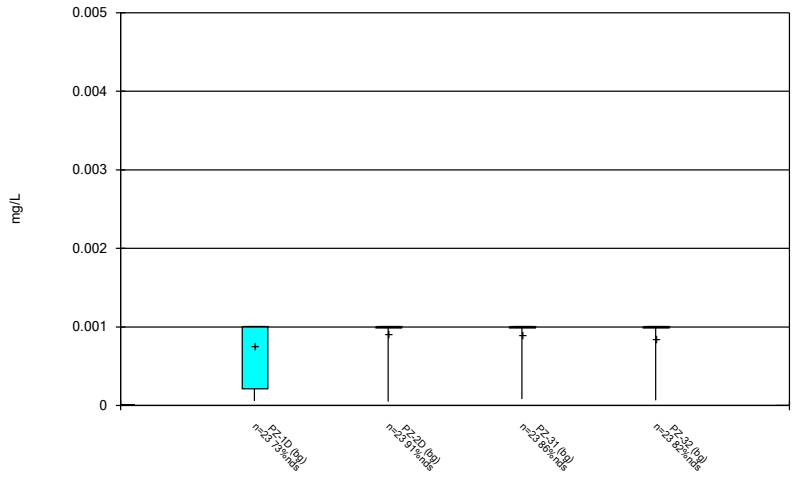
Box & Whiskers Plot



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Plant Mitchell Client: Southern Company Data: Mitchell AP

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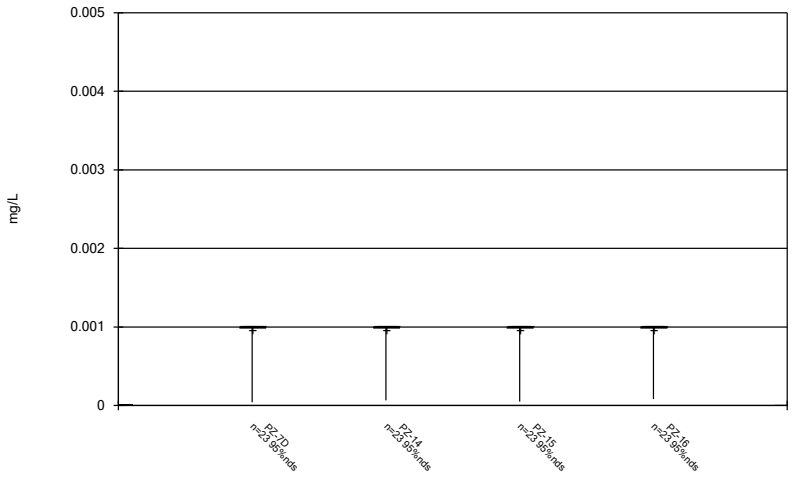
Box & Whiskers Plot



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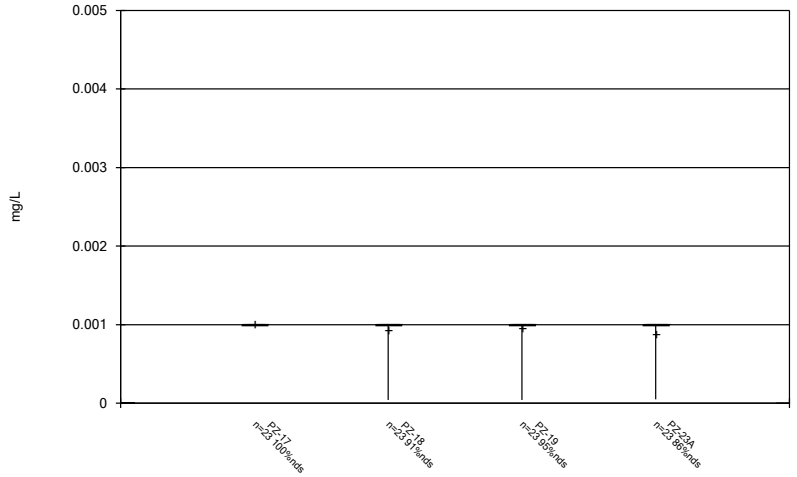
Box & Whiskers Plot



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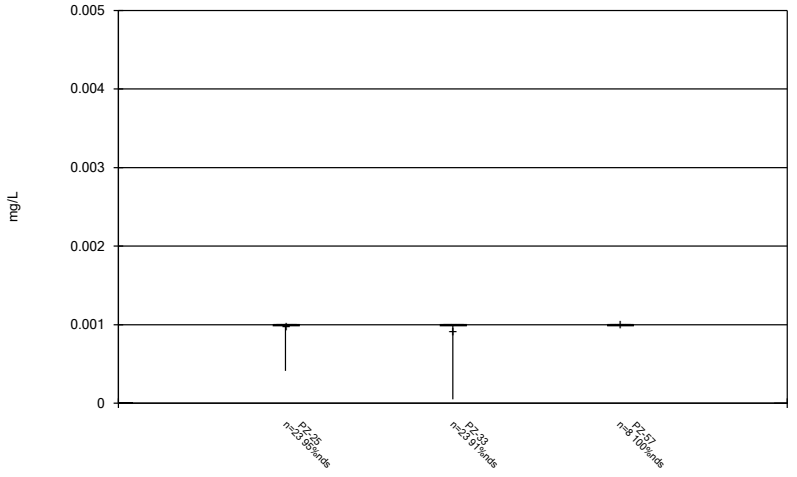
Box & Whiskers Plot



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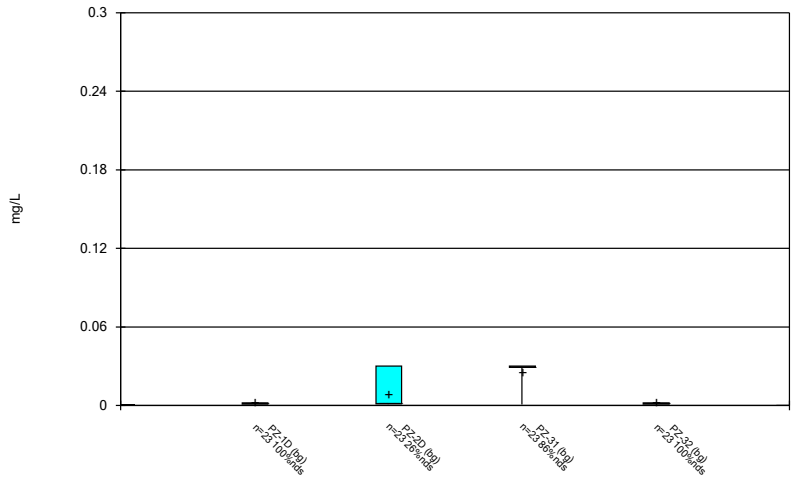
Box & Whiskers Plot



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Plant Mitchell Client: Southern Company Data: Mitchell AP

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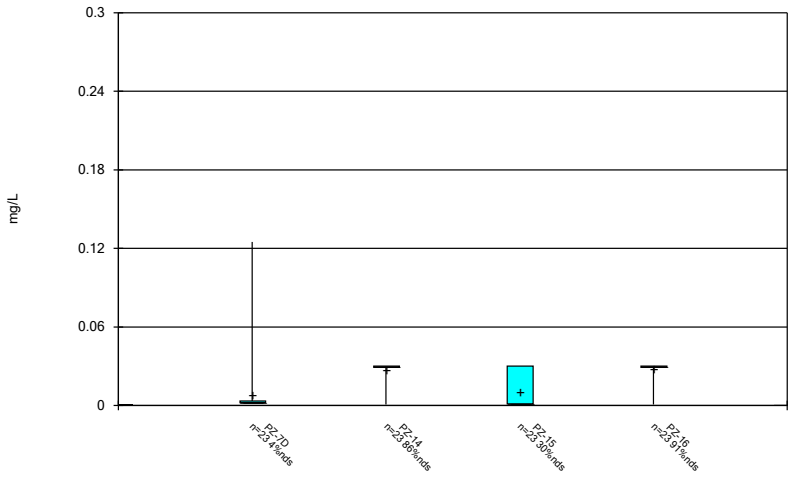
Box & Whiskers Plot



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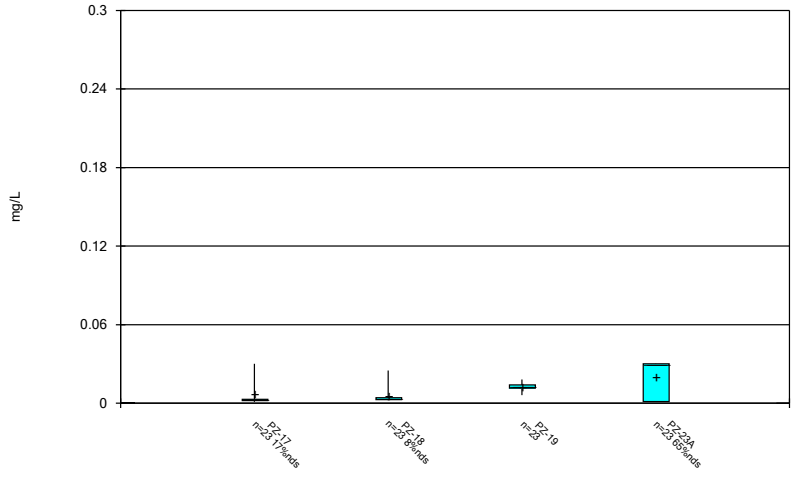
Box & Whiskers Plot



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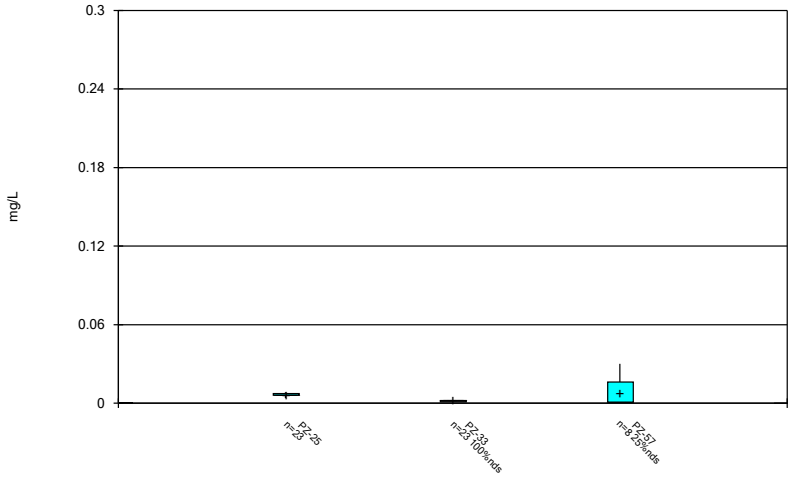
Box & Whiskers Plot



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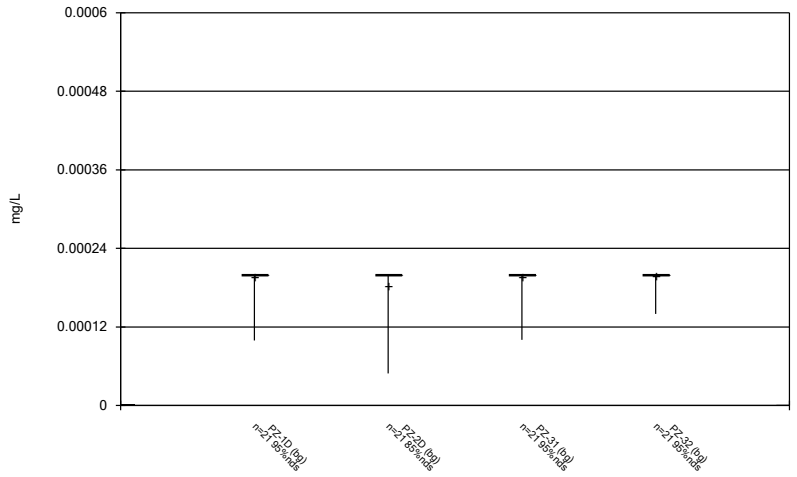
Box & Whiskers Plot



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Plant Mitchell Client: Southern Company Data: Mitchell AP

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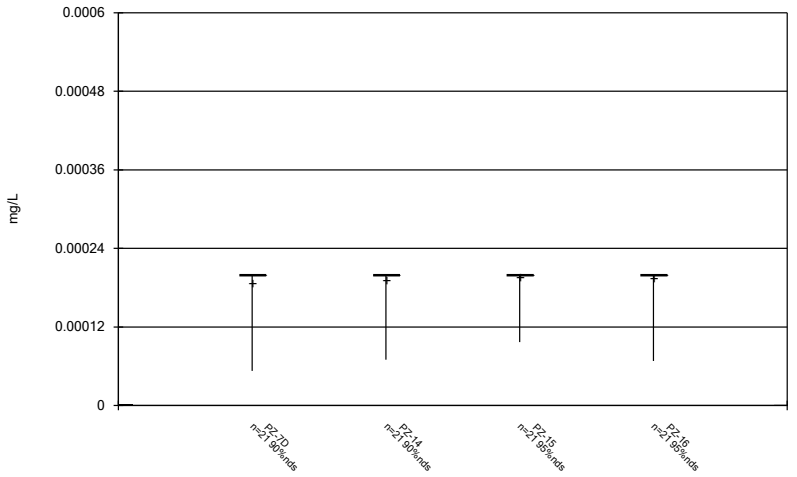
Box & Whiskers Plot



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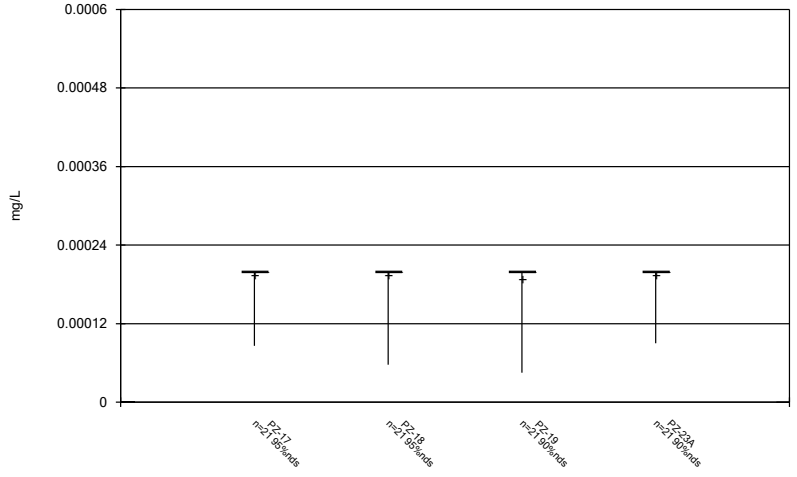
Box & Whiskers Plot



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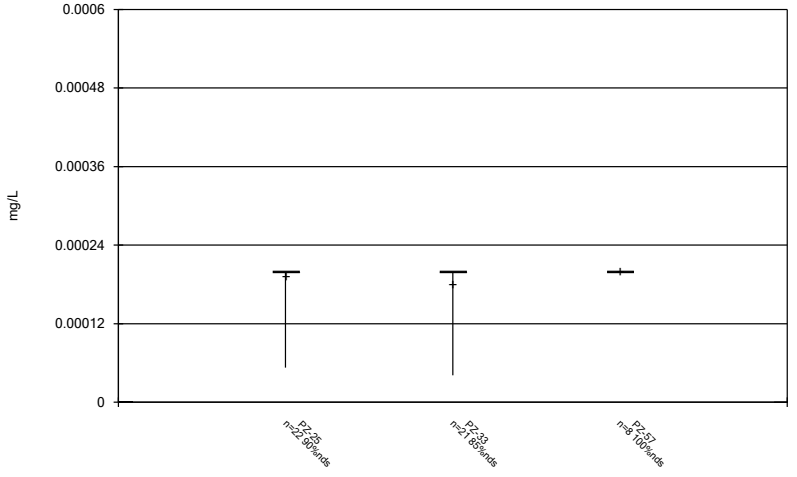
Box & Whiskers Plot



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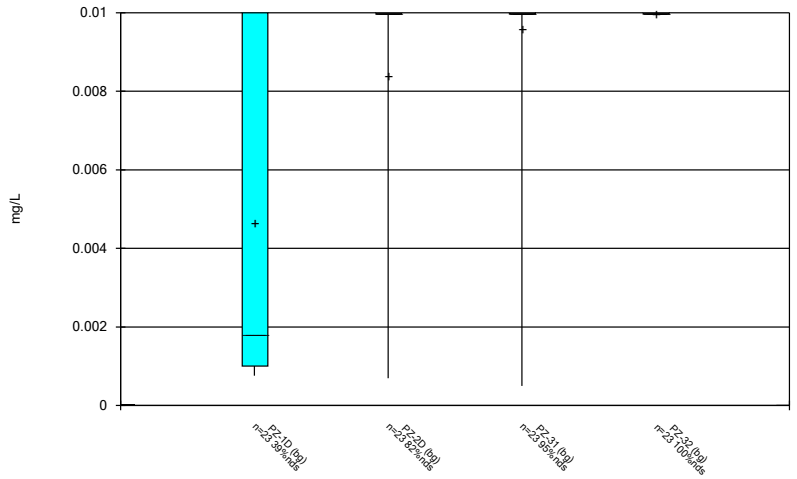
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



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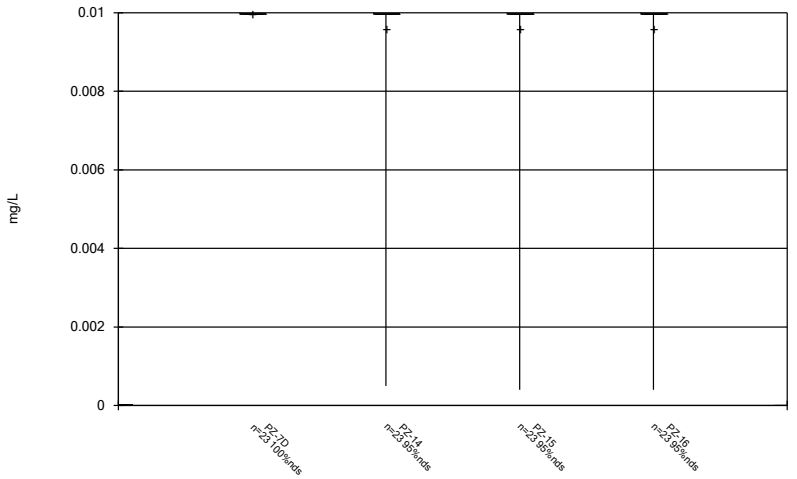
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



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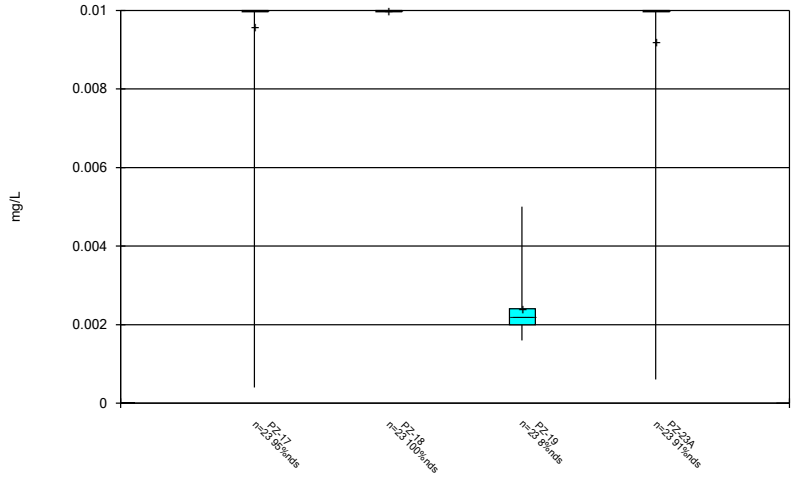
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



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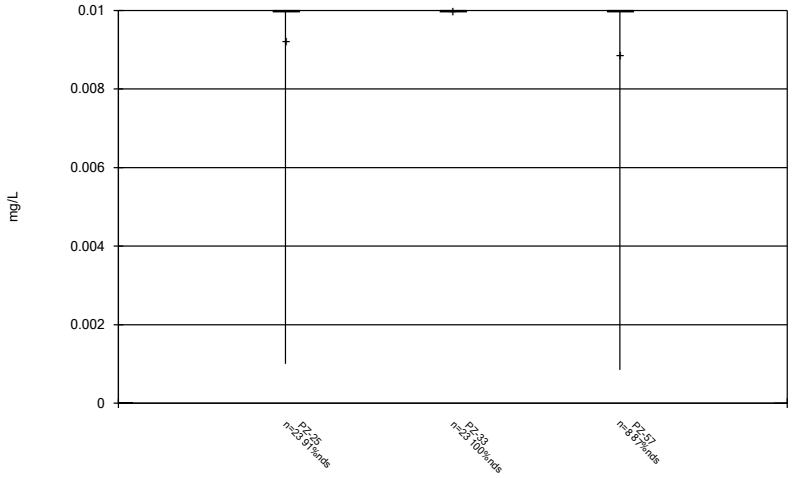
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



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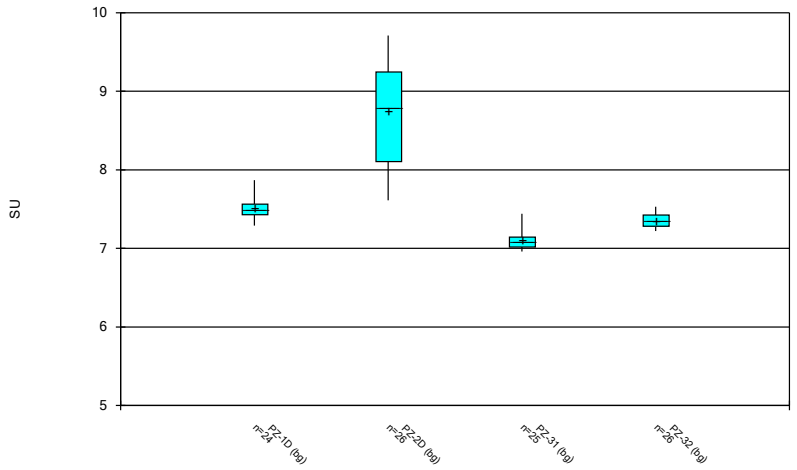
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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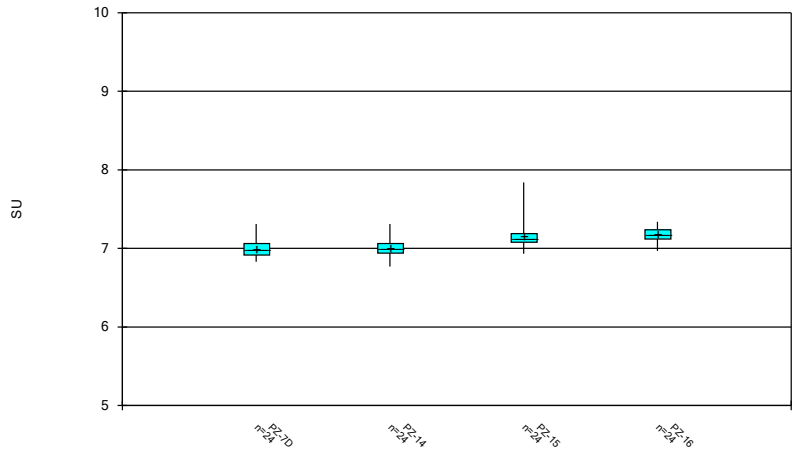
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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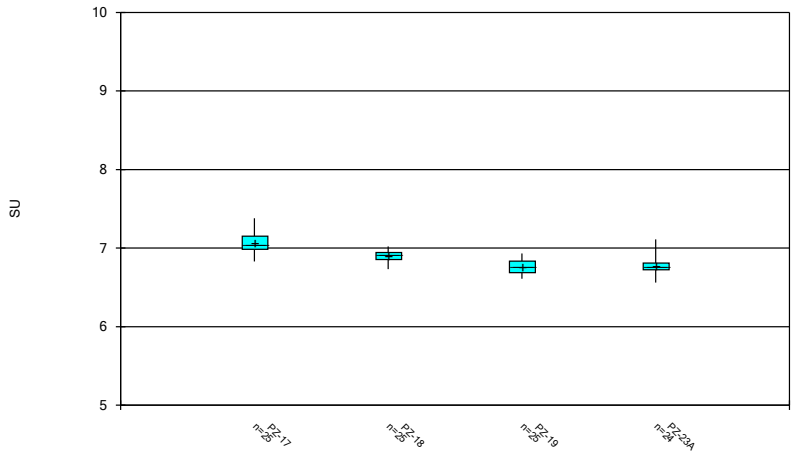
Box & Whiskers Plot



Constituent: pH, Field Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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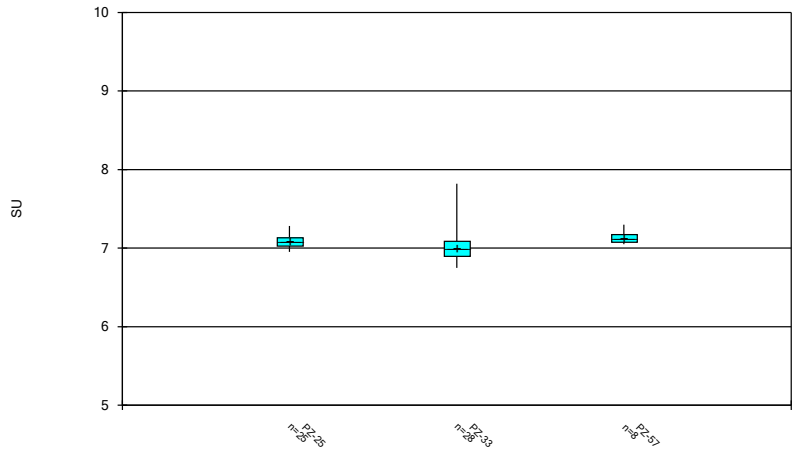
Box & Whiskers Plot



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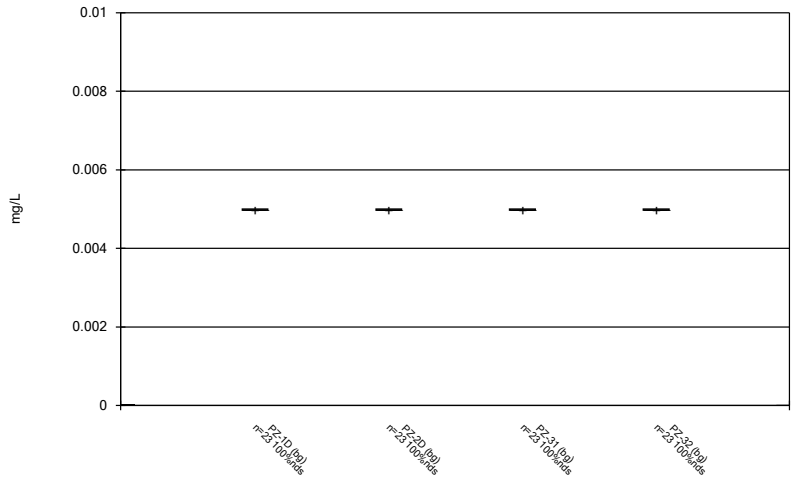
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Selenium Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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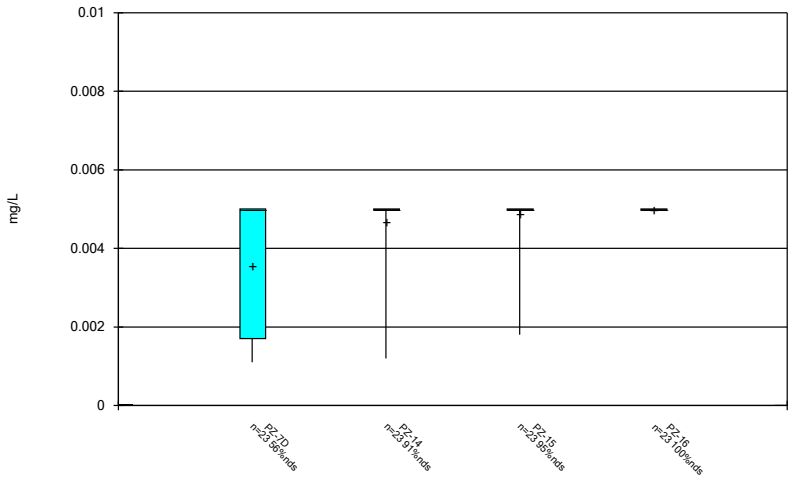
Box & Whiskers Plot



Constituent: Selenium Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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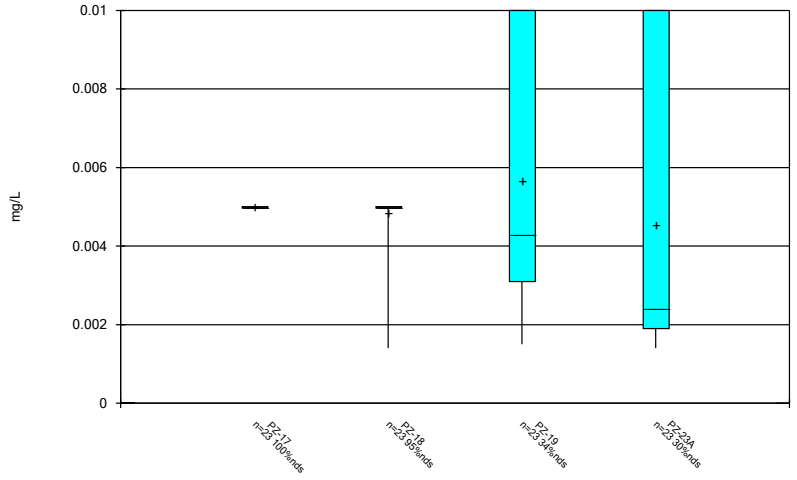
Box & Whiskers Plot



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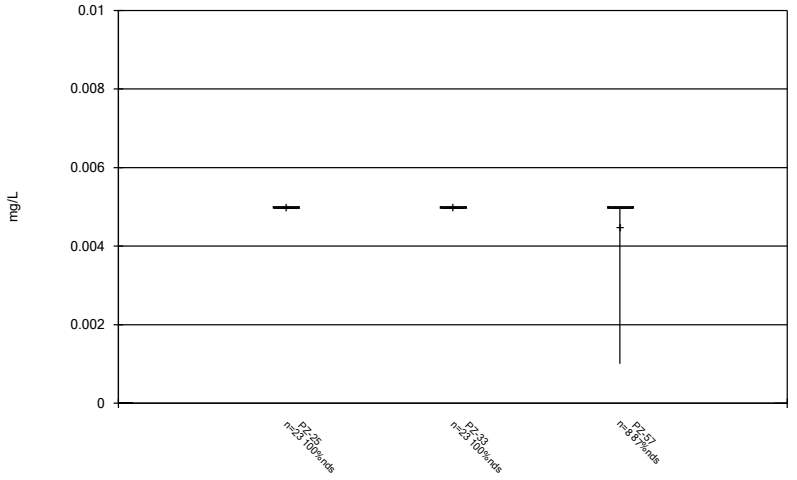
Box & Whiskers Plot



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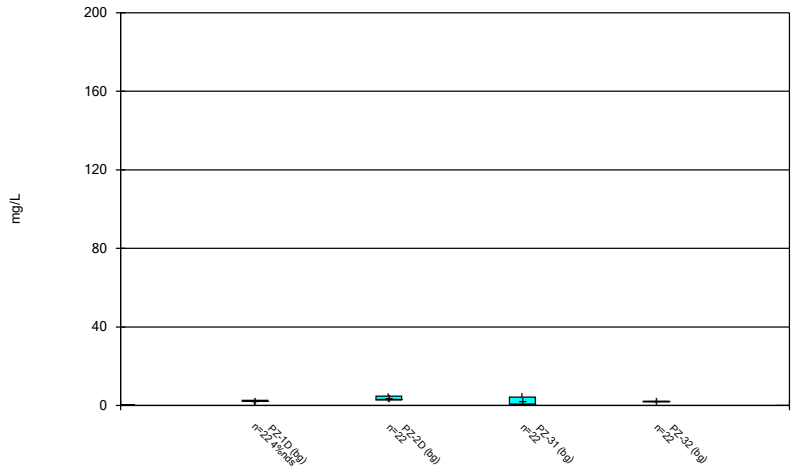
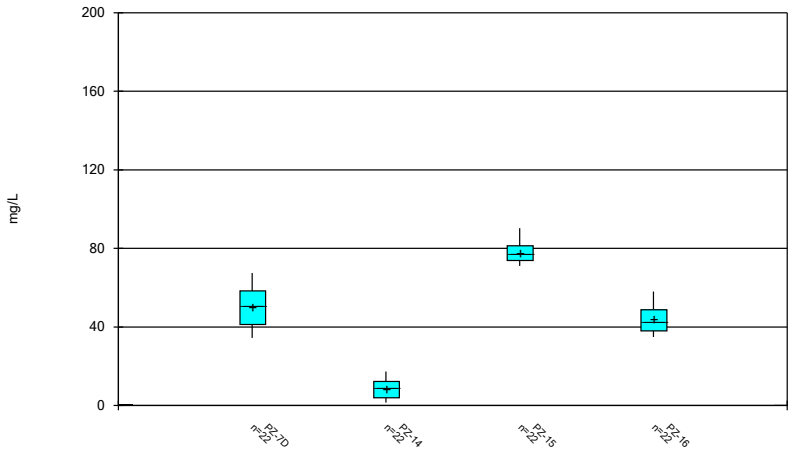
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Sulfate Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



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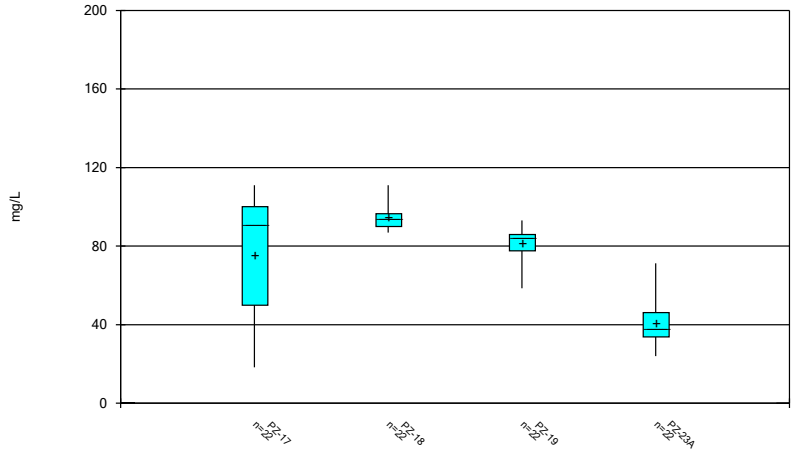
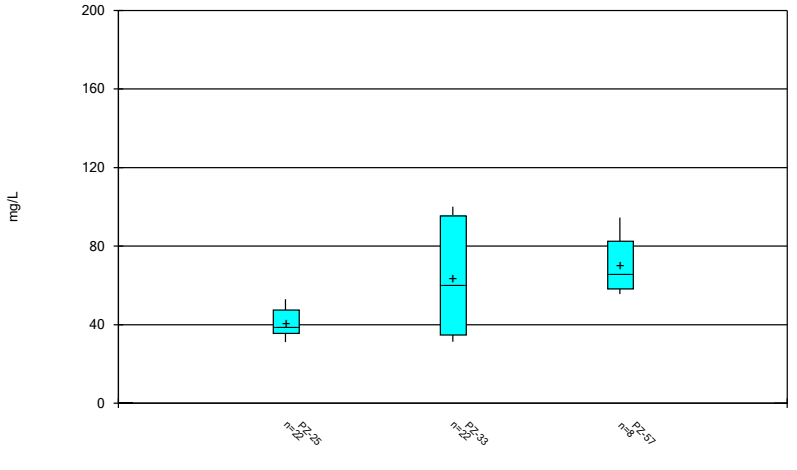
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



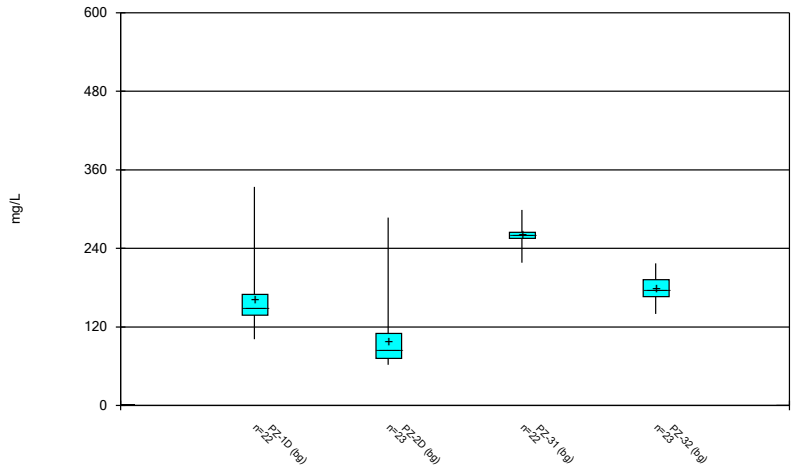
Constituent: Sulfate Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Sulfate Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: TDS Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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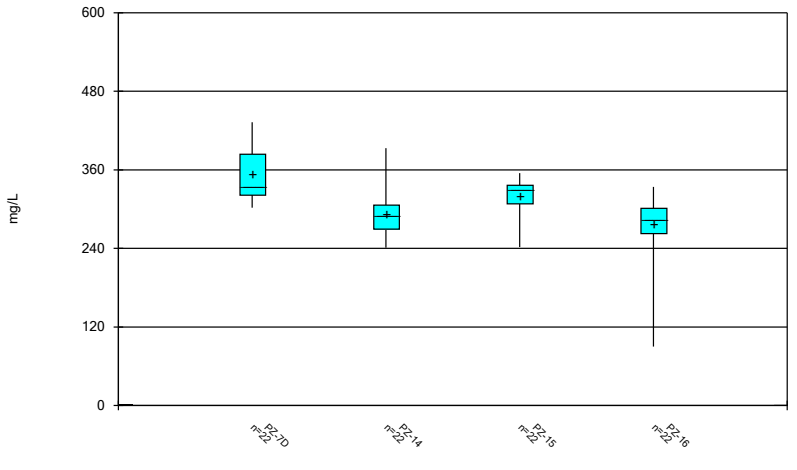
Box & Whiskers Plot



Constituent: TDS Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

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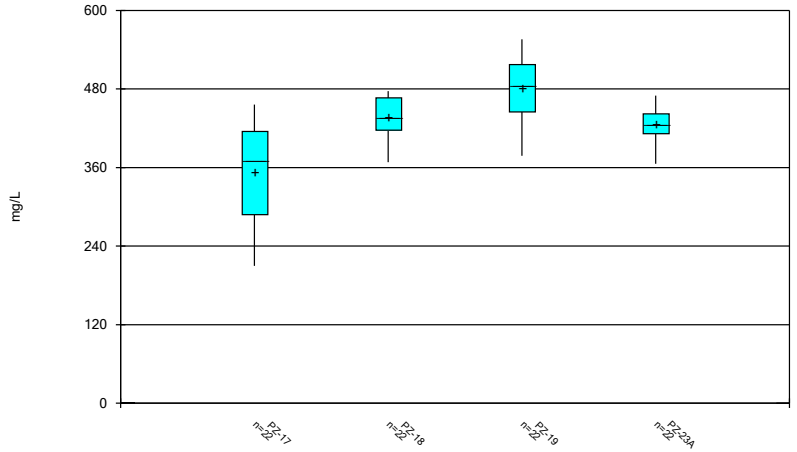
Box & Whiskers Plot



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Plant Mitchell Client: Southern Company Data: Mitchell AP

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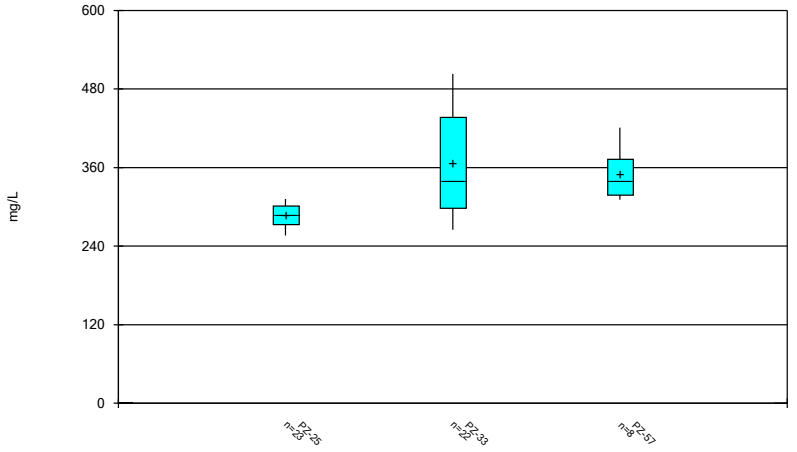
Box & Whiskers Plot



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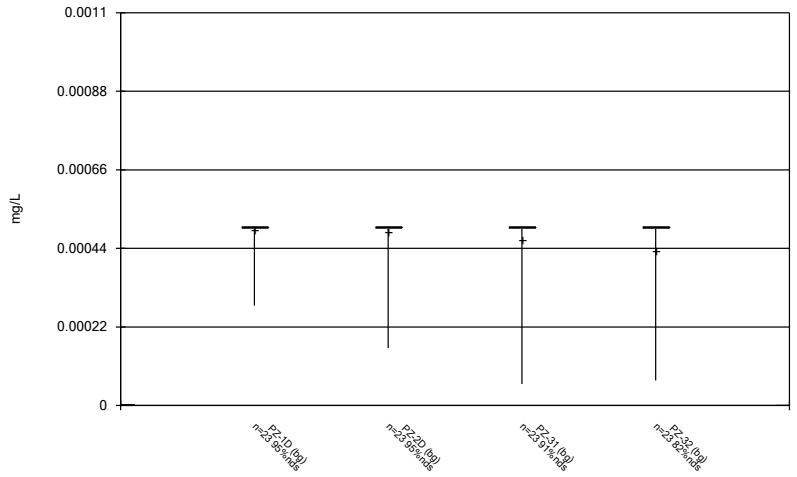
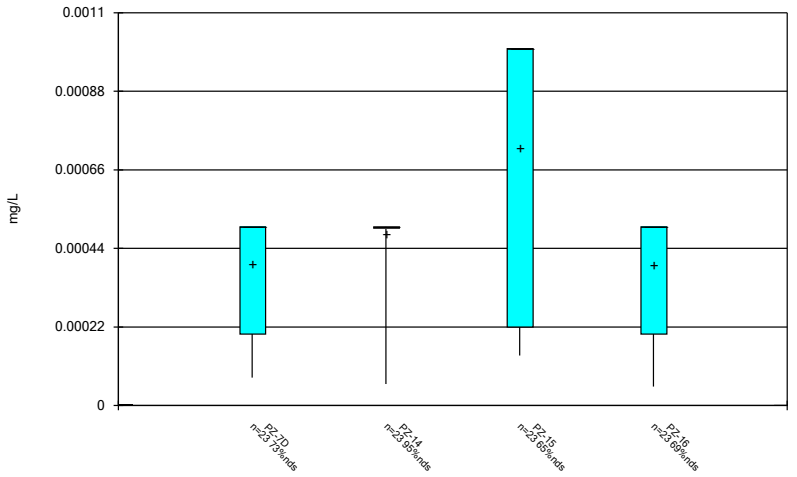
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



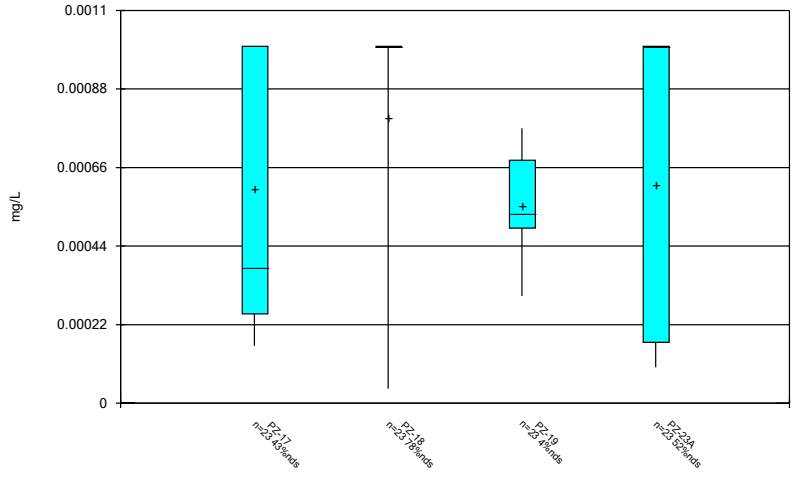
Constituent: Thallium Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



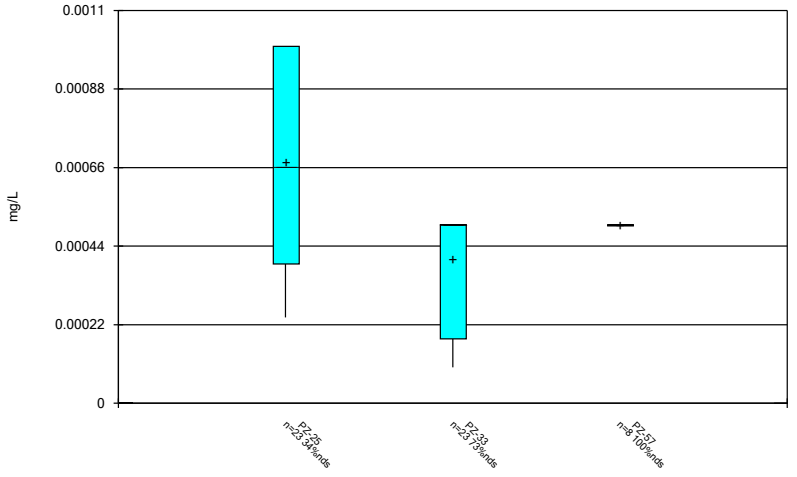
Constituent: Thallium Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Thallium Analysis Run 10/12/2025 5:02 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

Box & Whiskers Plot



Constituent: Thallium Analysis Run 10/12/2025 5:03 PM
Plant Mitchell Client: Southern Company Data: Mitchell AP

FIGURE C.

Outlier Summary

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:04 PM

No values were flagged as outliers.

FIGURE D.

Appendix III Interwell Prediction Limits - Significant Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	PZ-7D	0.02656	n/a	9/3/2025	0.17	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-15	0.02656	n/a	9/4/2025	0.18	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02656	n/a	9/3/2025	0.18	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-17	0.02656	n/a	9/4/2025	0.054	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02656	n/a	9/4/2025	0.34	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-23A	0.02656	n/a	9/4/2025	0.17	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02656	n/a	9/4/2025	0.17	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02656	n/a	9/5/2025	0.37	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	PZ-57	0.02656	n/a	9/5/2025	0.18	Yes	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-18	110.2	n/a	9/4/2025	127	Yes	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	110.2	n/a	9/4/2025	131	Yes	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-33	110.2	n/a	9/5/2025	114	Yes	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Chloride (mg/L)	PZ-15	5	n/a	9/4/2025	5.9	Yes	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-16	5	n/a	9/3/2025	5.7	Yes	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-15	9.71	6.96	9/4/2025	6.93	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-18	9.71	6.96	9/4/2025	6.81	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-19	9.71	6.96	9/3/2025	6.84	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-23A	9.71	6.96	9/4/2025	6.65	Yes	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-7D	5.788	n/a	9/3/2025	34.4	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-14	5.788	n/a	9/5/2025	16.7	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	5.788	n/a	9/4/2025	76.2	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	5.788	n/a	9/3/2025	34.9	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	5.788	n/a	9/4/2025	19.2	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	5.788	n/a	9/4/2025	89.6	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	5.788	n/a	9/3/2025	58.5	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	5.788	n/a	9/4/2025	53.6	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	5.788	n/a	9/4/2025	31.1	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	5.788	n/a	9/5/2025	32.5	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
Sulfate (mg/L)	PZ-57	5.788	n/a	9/5/2025	55.6	Yes	88	1.536	0.4344	1.136	None	sqrt(x)	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-7D	309.5	n/a	9/3/2025	310	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-15	309.5	n/a	9/4/2025	335	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-16	309.5	n/a	9/3/2025	329	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-18	309.5	n/a	9/4/2025	465	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-19	309.5	n/a	9/3/2025	412	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-23A	309.5	n/a	9/4/2025	470	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-33	309.5	n/a	9/5/2025	338	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	PZ-57	309.5	n/a	9/5/2025	315	Yes	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2

Appendix III Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	**PZ-7D**	**0.02656**	**n/a**	**9/3/2025**	**0.17**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	PZ-14	0.02656	n/a	9/5/2025	0.03J	No	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	**PZ-15**	**0.02656**	**n/a**	**9/4/2025**	**0.18**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-16**	**0.02656**	**n/a**	**9/3/2025**	**0.18**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-17**	**0.02656**	**n/a**	**9/4/2025**	**0.054**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-18**	**0.02656**	**n/a**	**9/4/2025**	**0.34**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	PZ-19	0.02656	n/a	9/3/2025	0.35J	No	88	-4.296	0.3336	12.5	None	ln(x)	0.0006839	Param Inter 1 of 2
Boron (mg/L)	**PZ-23A**	**0.02656**	**n/a**	**9/4/2025**	**0.17**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-25**	**0.02656**	**n/a**	**9/4/2025**	**0.17**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-33**	**0.02656**	**n/a**	**9/5/2025**	**0.37**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Boron (mg/L)	**PZ-57**	**0.02656**	**n/a**	**9/5/2025**	**0.18**	**Yes**	**88**	**-4.296**	**0.3336**	**12.5**	**None**	**ln(x)**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-7D	110.2	n/a	9/3/2025	93.1	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-14	110.2	n/a	9/5/2025	99.4	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-15	110.2	n/a	9/4/2025	91.1	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-16	110.2	n/a	9/3/2025	93.2	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	PZ-17	110.2	n/a	9/4/2025	64.4	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	**PZ-18**	**110.2**	**n/a**	**9/4/2025**	**127**	**Yes**	**88**	**56.68**	**26.74**	**1.136**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-19	110.2	n/a	9/3/2025	100	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	**PZ-23A**	**110.2**	**n/a**	**9/4/2025**	**131**	**Yes**	**88**	**56.68**	**26.74**	**1.136**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-25	110.2	n/a	9/4/2025	80.8	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Calcium (mg/L)	**PZ-33**	**110.2**	**n/a**	**9/5/2025**	**114**	**Yes**	**88**	**56.68**	**26.74**	**1.136**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
Calcium (mg/L)	PZ-57	110.2	n/a	9/5/2025	96	No	88	56.68	26.74	1.136	None	No	0.0006839	Param Inter 1 of 2
Chloride (mg/L)	PZ-7D	5	n/a	9/3/2025	3.3	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-14	5	n/a	9/5/2025	4.3	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	**PZ-15**	**5**	**n/a**	**9/4/2025**	**5.9**	**Yes**	**88**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002482**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	**PZ-16**	**5**	**n/a**	**9/3/2025**	**5.7**	**Yes**	**88**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0002482**	**NP Inter (normality) 1 of 2**
Chloride (mg/L)	PZ-17	5	n/a	9/4/2025	1.5	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-18	5	n/a	9/4/2025	4.1	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-19	5	n/a	9/3/2025	2.6	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-23A	5	n/a	9/4/2025	3.7	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-25	5	n/a	9/4/2025	1.7	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-33	5	n/a	9/5/2025	3.2	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Chloride (mg/L)	PZ-57	5	n/a	9/5/2025	2.2	No	88	n/a	n/a	0	n/a	n/a	0.0002482	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-7D	0.29	n/a	9/3/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-14	0.29	n/a	9/5/2025	0.053J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-15	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-16	0.29	n/a	9/3/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-17	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-18	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-19	0.29	n/a	9/3/2025	0.058J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-23A	0.29	n/a	9/4/2025	0.1ND	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-25	0.29	n/a	9/4/2025	0.098J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-33	0.29	n/a	9/5/2025	0.077J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-57	0.29	n/a	9/5/2025	0.073J	No	96	n/a	n/a	50	n/a	n/a	0.0002098	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-7D	9.71	6.96	9/3/2025	7.01	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-14	9.71	6.96	9/5/2025	7.05	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	**PZ-15**	**9.71**	**6.96**	**9/4/2025**	**6.93**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	PZ-16	9.71	6.96	9/3/2025	6.97	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-17	9.71	6.96	9/4/2025	7.3	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	**PZ-18**	**9.71**	**6.96**	**9/4/2025**	**6.81**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**PZ-19**	**9.71**	**6.96**	**9/3/2025**	**6.84**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	**PZ-23A**	**9.71**	**6.96**	**9/4/2025**	**6.65**	**Yes**	**101**	**n/a**	**n/a**	**0**	**n/a**	**n/a**	**0.0003787**	**NP Inter (normality) 1 of 2**
pH, Field (SU)	PZ-25	9.71	6.96	9/4/2025	6.98	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-33	9.71	6.96	9/5/2025	6.96	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2
pH, Field (SU)	PZ-57	9.71	6.96	9/5/2025	7.05	No	101	n/a	n/a	0	n/a	n/a	0.0003787	NP Inter (normality) 1 of 2

Appendix III Interwell Prediction Limits - All Results

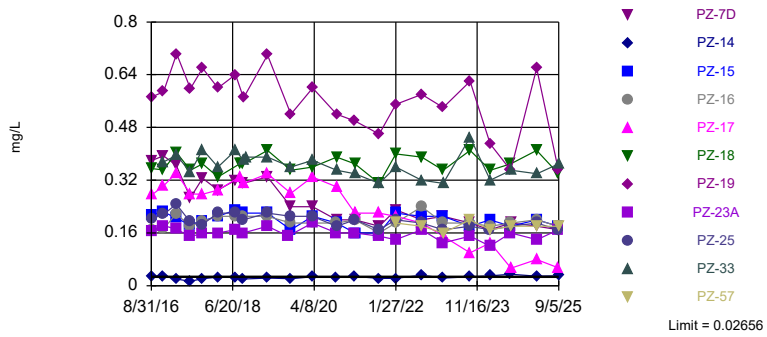
Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:09 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Sulfate (mg/L)	**PZ-7D**	**5.788**	**n/a**	**9/3/2025**	**34.4**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-14**	**5.788**	**n/a**	**9/5/2025**	**16.7**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-15**	**5.788**	**n/a**	**9/4/2025**	**76.2**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-16**	**5.788**	**n/a**	**9/3/2025**	**34.9**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-17**	**5.788**	**n/a**	**9/4/2025**	**19.2**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-18**	**5.788**	**n/a**	**9/4/2025**	**89.6**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-19**	**5.788**	**n/a**	**9/3/2025**	**58.5**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-23A**	**5.788**	**n/a**	**9/4/2025**	**53.6**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-25**	**5.788**	**n/a**	**9/4/2025**	**31.1**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-33**	**5.788**	**n/a**	**9/5/2025**	**32.5**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
Sulfate (mg/L)	**PZ-57**	**5.788**	**n/a**	**9/5/2025**	**55.6**	**Yes**	**88**	**1.536**	**0.4344**	**1.136**	**None**	**sqrt(x)**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-7D**	**309.5**	**n/a**	**9/3/2025**	**310**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	PZ-14	309.5	n/a	9/5/2025	283	No	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	**PZ-15**	**309.5**	**n/a**	**9/4/2025**	**335**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-16**	**309.5**	**n/a**	**9/3/2025**	**329**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	PZ-17	309.5	n/a	9/4/2025	210	No	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	**PZ-18**	**309.5**	**n/a**	**9/4/2025**	**465**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-19**	**309.5**	**n/a**	**9/3/2025**	**412**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-23A**	**309.5**	**n/a**	**9/4/2025**	**470**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	PZ-25	309.5	n/a	9/4/2025	279	No	90	174.5	67.56	0	None	No	0.0006839	Param Inter 1 of 2
TDS (mg/L)	**PZ-33**	**309.5**	**n/a**	**9/5/2025**	**338**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**
TDS (mg/L)	**PZ-57**	**309.5**	**n/a**	**9/5/2025**	**315**	**Yes**	**90**	**174.5**	**67.56**	**0**	**None**	**No**	**0.0006839**	**Param Inter 1 of 2**

Exceeds Limit: PZ-7D, PZ-15, PZ-16, PZ-17, PZ-18, PZ-23A, PZ-25, PZ-33, PZ-57

Prediction Limit

Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=-4.296, Std. Dev.=0.3336, n=88, 12.5% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9685, critical = 0.961. Kappa = 2.001 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0006839. Comparing 11 points to limit.

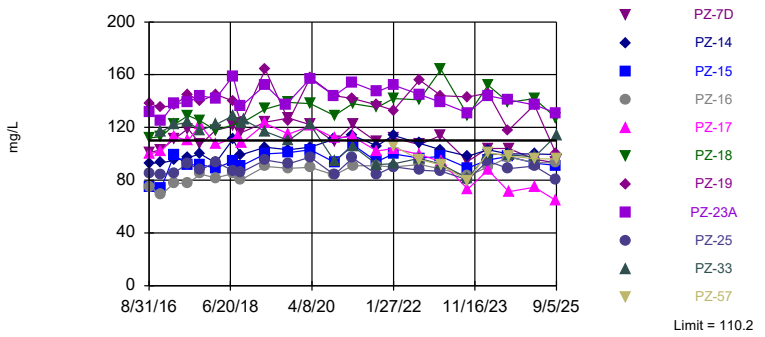
Constituent: Boron Analysis Run 10/12/2025 5:06 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

Exceeds Limit: PZ-18, PZ-23A, PZ-33

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=56.68, Std. Dev.=26.74, n=88, 1.136% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9648, critical = 0.961. Kappa = 2.001 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0006839. Comparing 11 points to limit.

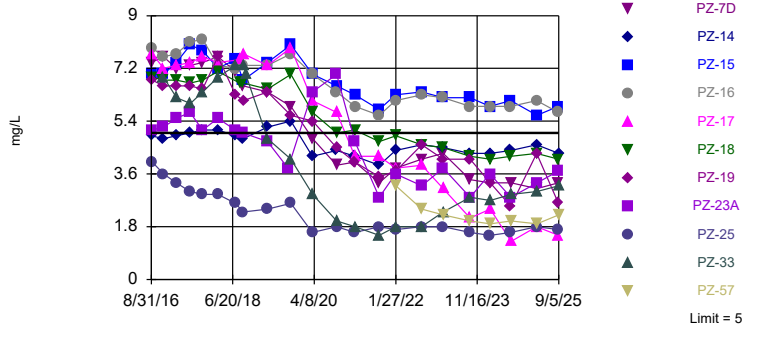
Constituent: Calcium Analysis Run 10/12/2025 5:06 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

Exceeds Limit: PZ-15, PZ-16

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 88 background values. Annual per-constituent alpha = 0.005446. Individual comparison alpha = 0.0002482 (1 of 2). Comparing 11 points to limit.

Constituent: Chloride Analysis Run 10/12/2025 5:06 PM View: Appendix III Interwell

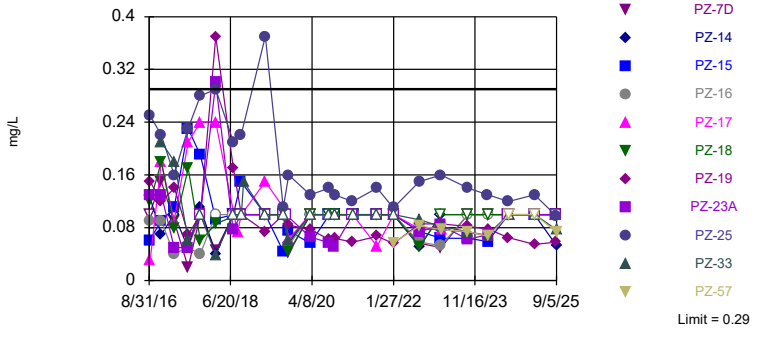
Plant Mitchell Client: Southern Company Data: Mitchell AP

Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 96 background values. 50% NDs. Annual per-constituent alpha = 0.004605. Individual comparison alpha = 0.0002098 (1 of 2). Comparing 11 points to limit.

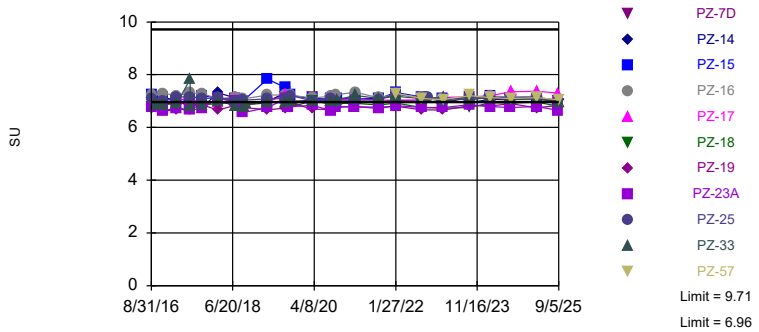
Constituent: Fluoride Analysis Run 10/12/2025 5:06 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

Exceeds Limits: PZ-15, PZ-18, PZ-19, PZ-23A

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 101 background values. Annual per-constituent alpha = 0.008315. Individual comparison alpha = 0.0003787 (1 of 2). Comparing 11 points to limit.

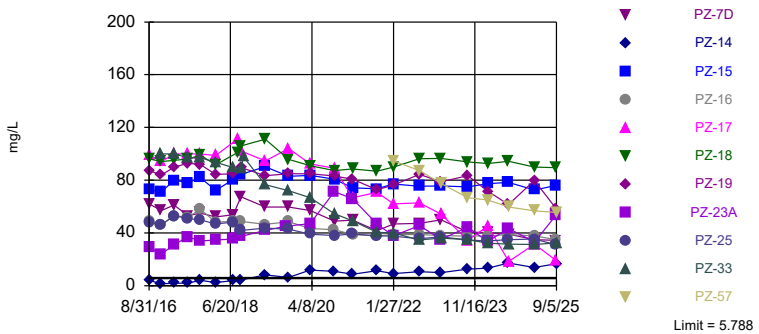
Constituent: pH, Field Analysis Run 10/12/2025 5:06 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

Exceeds Limit: PZ-7D, PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, PZ-57

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=1.536, Std. Dev.=0.4344, n=88, 1.136% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9612, critical = 0.961. Kappa = 2.001 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0006839. Comparing 11 points to limit.

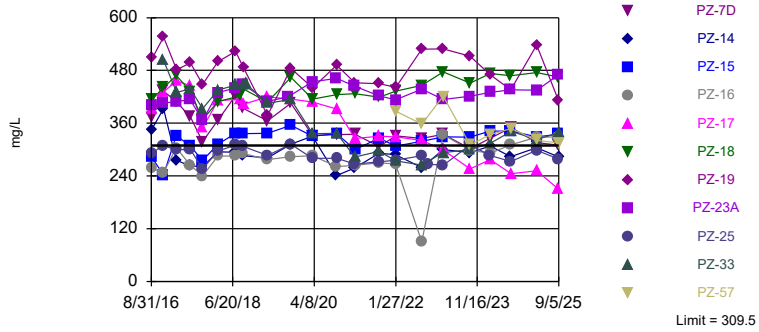
Constituent: Sulfate Analysis Run 10/12/2025 5:06 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

Exceeds Limit: PZ-7D, PZ-15, PZ-16, PZ-18, PZ-19, PZ-23A, PZ-33, PZ-57

Prediction Limit

Interwell Parametric



Background Data Summary: Mean=174.5, Std. Dev.=67.56, n=90. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9661, critical = 0.961. Kappa = 1.999 (c=7, w=11, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0006839. Comparing 11 points to limit.

Constituent: TDS Analysis Run 10/12/2025 5:06 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
8/30/2016	0.0132 (J)								
8/31/2016		0.0285 (J)	0.166						
9/1/2016				0.379	0.215				
9/6/2016						0.17			
9/7/2016							0.355	0.573	0.276
9/8/2016									
10/18/2016									
12/6/2016	0.0096 (J)								
12/7/2016		0.0292 (J)	0.182	0.394	0.224	0.173			
12/8/2016							0.351	0.588	0.303
3/21/2017	0.0082 (J)	0.0198 (J)	0.172						
3/22/2017				0.365	0.205	0.218	0.405		0.342
3/23/2017								0.703	
7/11/2017	0.0067 (J)	0.0137 (J)	0.149			0.18			
7/12/2017				0.267	0.184		0.35	0.598	0.278
10/17/2017	0.0083 (J)								
10/18/2017		0.0212 (J)	0.158		0.197	0.195	0.37		0.277
10/19/2017				0.326				0.66	
2/20/2018	0.024 (J)	0.026 (J)	0.16						
2/21/2018				0.29	0.21	0.21	0.33	0.6	0.29
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	0.017 (J)	0.026 (J)	0.17						
7/12/2018				0.32	0.23	0.21		0.64	
8/15/2018							0.37		
8/16/2018									0.33
8/17/2018									
9/12/2018	0.012 (J)	0.02 (J)							
9/13/2018			0.16	0.31	0.22	0.21	0.37		
9/14/2018								0.57	0.31
10/4/2018									
10/24/2018									
3/26/2019	0.0082 (J)								
3/27/2019		0.023 (J)	0.18			0.21	0.41		
3/28/2019				0.33	0.22			0.7	0.34
9/10/2019			0.15						
10/1/2019	0.0064 (J)								
10/2/2019		0.021 (J)			0.17	0.19			0.28
10/3/2019				0.24			0.35	0.52	
3/24/2020	0.013 (J)								
3/25/2020		0.027 (J)	0.19						0.33
3/26/2020				0.24	0.21	0.19	0.36	0.6	
10/6/2020	0.015 (J)	0.026 (J)	0.16			0.19			
10/7/2020				0.2	0.19		0.39	0.52	0.3
3/3/2021	0.01 (J)	0.028 (J)	0.16					0.5	
3/4/2021				0.2	0.16	0.2	0.37		0.22
3/8/2021									
9/14/2021	<0.04								
9/15/2021		0.022 (J)	0.15		0.16	0.16			
9/16/2021				0.18			0.31	0.46	0.22
1/25/2022	0.01 (J)								

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
1/26/2022		0.022 (J)	0.14		0.22	0.19			
1/27/2022				0.23			0.4	0.55	0.21
8/24/2022	0.011 (J)								
8/25/2022		0.032 (J)	0.17 (J)	0.2	0.21	0.24	0.39	0.58	0.19 (J)
8/26/2022									
2/14/2023	0.011 (J)	0.023 (J)	0.13						
2/15/2023				0.21	0.21	0.19	0.35	0.54	
2/16/2023									0.15
9/19/2023	0.024 (J)					0.19			
9/20/2023		0.027 (J)	0.15	0.19	0.18		0.41	0.62	0.1
9/21/2023									
2/27/2024									
2/28/2024	0.016 (J)		0.12	0.17	0.2				
2/29/2024		0.03 (J)				0.18	0.35	0.43	0.13
8/13/2024	<0.04								
8/14/2024		0.035 (J)	0.16		0.18	0.19	0.37	0.35	
8/15/2024				0.19					0.053
3/11/2025	0.01 (J)								
3/12/2025		0.029 (J)				0.2	0.41	0.66	0.079
3/13/2025			0.14	0.18	0.2				
9/3/2025	0.0094 (J)			0.17		0.18		0.35 (J)	
9/4/2025			0.17		0.18		0.34		0.054
9/5/2025		0.03 (J)							

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	0.204					
10/18/2016		0.0174 (J)	0.0156 (J)			
12/6/2016		0.0133 (J)				
12/7/2016			0.0157 (J)			
12/8/2016	0.216			0.375		
3/21/2017		0.0103 (J)				
3/22/2017	0.247					
3/23/2017			0.0103 (J)	0.396		
7/11/2017	0.194	<0.04	<0.04			
7/12/2017				0.343		
10/17/2017		0.0116 (J)	0.0142 (J)			
10/18/2017	0.186					
10/19/2017				0.413		
2/20/2018		0.046 (J)	0.011 (J)			
2/21/2018	0.22			0.36		
4/12/2018					0.016 (J)	
5/23/2018					0.018 (J)	
6/13/2018					0.014 (J)	
7/11/2018		0.014 (J)	0.014 (J)		0.017 (J)	
7/12/2018	0.22			0.41		
8/15/2018						
8/16/2018						
8/17/2018					0.015 (J)	
9/12/2018		0.0098 (J)			0.013 (J)	
9/13/2018	0.2		0.013 (J)			
9/14/2018				0.38		
10/4/2018				0.39	0.016 (J)	
10/24/2018					0.018 (J)	
3/26/2019		0.0076 (J)				
3/27/2019	0.22		0.012 (J)		0.016 (J)	
3/28/2019				0.39		
9/10/2019						
10/1/2019			0.011 (J)			
10/2/2019	0.21	0.0084 (J)			0.011 (J)	
10/3/2019				0.36		
3/24/2020					0.015 (J)	
3/25/2020	0.21	0.011 (J)	0.016 (J)			
3/26/2020				0.38		
10/6/2020		0.011 (J)	0.015 (J)		0.018 (J)	
10/7/2020	0.18			0.35		
3/3/2021	0.2	0.0087 (J)	0.022 (J)			
3/4/2021				0.34		
3/8/2021					0.013 (J)	
9/14/2021			0.012 (J)		0.011 (J)	
9/15/2021	0.17	<0.04				
9/16/2021				0.31		
1/25/2022					0.013 (J)	

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

Prediction Limit

Constituent: Boron (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
1/26/2022	0.2	<0.04	0.01 (J)			
1/27/2022				0.36		0.19
8/24/2022	0.19	<0.04	0.022 (J)	0.32	0.012 (J)	
8/25/2022						
8/26/2022						0.18
2/14/2023		<0.04	0.012 (J)		0.01 (J)	
2/15/2023	0.17					
2/16/2023				0.31		0.16
9/19/2023	0.18	0.022 (J)	0.011 (J)		0.011 (J)	
9/20/2023						
9/21/2023				0.45		0.2
2/27/2024	0.17		<0.04		<0.04	
2/28/2024		0.016 (J)				
2/29/2024				0.32		0.17
8/13/2024	0.18	<0.04	0.017 (J)		0.017 (J)	
8/14/2024						
8/15/2024				0.35		0.18
3/11/2025		0.0093 (J)			0.013 (J)	
3/12/2025	0.19		0.014 (J)			
3/13/2025				0.34		0.18
9/3/2025		0.0089 (J)	0.014 (J)		0.013 (J)	
9/4/2025	0.17					
9/5/2025				0.37		0.18

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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
8/30/2016	40.4								
8/31/2016		92.9	132						
9/1/2016				101	74.8				
9/6/2016						74.6			
9/7/2016							112	138	100
9/8/2016									
10/18/2016									
12/6/2016	43.3								
12/7/2016		93.1	125	103	74	68.9			
12/8/2016							113	135	102
3/21/2017	44.1	95	138						
3/22/2017				111	99.3	77.8	122		113
3/23/2017								137	
7/11/2017	47.4	97.1	139			77.3			
7/12/2017				119	91.4		129	145	110
10/17/2017	48.7								
10/18/2017		100	144		92	84.7	125		122
10/19/2017				107				140	
2/20/2018	46.8	93.1	142						
2/21/2018				118	89	81.8	118	145	107
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	65.3	111	159						
7/12/2018				121	94.5	85.2		140	
8/15/2018							123		
8/16/2018									113
8/17/2018									
9/12/2018	46.6	99.3							
9/13/2018			136	116	90.8	80.2	123		
9/14/2018								124	108
10/4/2018									
10/24/2018									
3/26/2019	43.3								
3/27/2019		105	152			90.5	134		
3/28/2019				124	100			164	123
9/10/2019			137						
10/1/2019	46.8								
10/2/2019		103			101	89.1			115
10/3/2019				127			139	125	
3/24/2020	48								
3/25/2020		105	157						121
3/26/2020				122	103	89.8	138	158	
10/6/2020	50.5	111	144			84			
10/7/2020				109	93.5		129	144	112
3/3/2021	54.7	114	154					142	
3/4/2021				122	107	90.9	138		113
3/8/2021									
9/14/2021	51								
9/15/2021		106	147		94	91			
9/16/2021				109			135	137	102
1/25/2022	53.1								

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
1/26/2022		114	152		100	90.1			
1/27/2022				112			142	133	104
8/24/2022	45.8								
8/25/2022		108	145	107	96.7	92	141	156	99.5
8/26/2022									
2/14/2023	56.2	103	139						
2/15/2023				114	98.1	88.5	164	144	
2/16/2023									94.1
9/19/2023	44.7					83.3			
9/20/2023		98.2	131	94.3	89.3		129	143	73.3
9/21/2023									
2/27/2024									
2/28/2024	55		144	104	95.4				
2/29/2024		103				89.9	152	146	87.8
8/13/2024	48.5								
8/14/2024		100	141		98	97.5	139	118	
8/15/2024				104					71.2
3/11/2025	47.9								
3/12/2025		100				93.4	142	137	74.6
3/13/2025			137	95.8	92.8				
9/3/2025	43.2			93.1		93.2		100	
9/4/2025			131		91.1		127 (M1)		64.4
9/5/2025		99.4							

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	85.2					
10/18/2016		88.3	57.2			
12/6/2016		83.4				
12/7/2016			52.8			
12/8/2016	84.5			117		
3/21/2017		94				
3/22/2017	85.3					
3/23/2017			59.1	122		
7/11/2017	93	86	59.7			
7/12/2017				124		
10/17/2017		91.6	64.9			
10/18/2017	87.6					
10/19/2017				118		
2/20/2018		86.5	64.1			
2/21/2018	93.9			122		
4/12/2018					<25	
5/23/2018					17.6 (J)	
6/13/2018					14.3	
7/11/2018		95.4	60.4		15.6	
7/12/2018	87.1			129		
8/15/2018						
8/16/2018						
8/17/2018					27	
9/12/2018		86			26.9	
9/13/2018	85.8		58.7			
9/14/2018				123		
10/4/2018				126	25	
10/24/2018					23.8	
3/26/2019		87.3				
3/27/2019	95.2		54.6		26.1	
3/28/2019				117		
9/10/2019						
10/1/2019			64.3			
10/2/2019	92.3	95.5			21	
10/3/2019				110		
3/24/2020					26.5	
3/25/2020	97.5	95.8	66.6			
3/26/2020				122		
10/6/2020		98.8	62.8		22.7	
10/7/2020	84.2			94.7		
3/3/2021	96.8	104	64.8			
3/4/2021				106		
3/8/2021					41.7	
9/14/2021			67.8		13.4	
9/15/2021	84.4	101				
9/16/2021				92		
1/25/2022					20.7	

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

Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
1/26/2022	90.2	102	69.2			
1/27/2022				92.5		106
8/24/2022	87.6	95.2	67.1	96.5	27.3	
8/25/2022						
8/26/2022						95.5
2/14/2023		99.9	69.3		30.2	
2/15/2023	86.9					
2/16/2023				92.2		91.6
9/19/2023	80.3	86.9	64.6		13.7	
9/20/2023						
9/21/2023				81.4		79.5
2/27/2024	94.6		67.5		19.2	
2/28/2024		99.9				
2/29/2024				100		101
8/13/2024	88.7	93.2	67.6		14.5	
8/14/2024						
8/15/2024				99.2		98.3
3/11/2025		92.3			20.8	
3/12/2025	90.7		66.8			
3/13/2025				97.8		96.3
9/3/2025		90.1	62.2		10.9	
9/4/2025	80.8					
9/5/2025				114		96

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
8/30/2016	3.1								
8/31/2016		4.9	5.1						
9/1/2016				7.4	7				
9/6/2016						7.9			
9/7/2016							6.9	6.8	7.7
9/8/2016									
10/18/2016									
12/6/2016	3.4								
12/7/2016		4.8	5.2	7.6	7	7.6			
12/8/2016							6.8	6.6	7.2
3/21/2017	2.9	4.9	5.5						
3/22/2017				7.2	7.4	7.7	6.8		7.3
3/23/2017								6.6	
7/11/2017	3.4	5	5.7			8.1			
7/12/2017				7.3	8		6.7	6.6	7.4
10/17/2017	3.3								
10/18/2017		5.1	5.1		7.8	8.2	6.8		7.6
10/19/2017				7.4				6.5	
2/20/2018	3.3	5.1	5.5						
2/21/2018				7.6	7.2	7.3	7.1	7.6	7.4
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	2.9	4.9	5.1						
7/12/2018				7.1	7.5	7.2		6.3	
8/15/2018							6.7		
8/16/2018									7.5
8/17/2018									
9/12/2018	2.8	4.8							
9/13/2018			5	6.6	6.8	7.3	6.7		
9/14/2018								6.1	7.7
10/4/2018									
10/24/2018									
3/26/2019	3.3								
3/27/2019		5.2	4.7			7.3	6.5		
3/28/2019				6.4	7.4			6.4	7.3
9/10/2019			3.8						
10/1/2019	3.6								
10/2/2019		5.4			8	7.7			7.9
10/3/2019				5.9			7	5.6	
3/24/2020	2.8								
3/25/2020		4.2	6.4						6.1
3/26/2020				4.8	7	7	5.7	5.4	
10/6/2020	3	4.4	7			6.4			
10/7/2020				3.9	6.6		5	4.5	5.7
3/3/2021	2.8	4.2	4.7					4	
3/4/2021				4	6.3	5.9	5.1		4.2
3/8/2021									
9/14/2021	2.9								
9/15/2021		3.9	2.8		5.8	5.6			
9/16/2021				3.3			4.7	3.5	4.2
1/25/2022	2.9								

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
1/26/2022		4.4	3.6		6.3	6.1			
1/27/2022				3.8			4.9	3.7	3.8
8/24/2022	2.6								
8/25/2022		4.6	3.2	4.1	6.4	6.3	4.6	4.6	3.9
8/26/2022									
2/14/2023	3	4.5	3.8						
2/15/2023				4.3	6.2	6.2	4.5	4.1	
2/16/2023									3.1
9/19/2023	2.9					5.9			
9/20/2023		4.3	2.8	3.4	6.2		4.2	4.1	2.1
9/21/2023									
2/27/2024									
2/28/2024	2.8		3.6	3.3	5.9				
2/29/2024		4.3				5.9	4.1	3.3	2.4
8/13/2024	2.9								
8/14/2024		4.4	2.8		6.1	5.9	4.2	2.5	
8/15/2024				3.3					1.3
3/11/2025	3.1								
3/12/2025		4.6				6.1	4.3	4.3	1.8
3/13/2025			3.3	3.1	5.6				
9/3/2025	3			3.3		5.7		2.6	
9/4/2025			3.7		5.9		4.1		1.5
9/5/2025		4.3							

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	4					
10/18/2016		4.5	3.5			
12/6/2016		5				
12/7/2016			3.2			
12/8/2016	3.6			6.9		
3/21/2017		4.3				
3/22/2017	3.3					
3/23/2017			2.9	6.2		
7/11/2017	3	4.7	3.1			
7/12/2017				6		
10/17/2017		4.6	3			
10/18/2017	2.9					
10/19/2017				6.4		
2/20/2018		4.4	3			
2/21/2018	2.9			6.9		
4/12/2018					2.6	
5/23/2018					2.5	
6/13/2018					2.5	
7/11/2018		4	2.8		2.6	
7/12/2018	2.6			7.3		
8/15/2018						
8/16/2018						
8/17/2018					2.6	
9/12/2018		3.7			2.3	
9/13/2018	2.3		2.2			
9/14/2018				7.3		
10/4/2018				7	2.7	
10/24/2018					2.8	
3/26/2019		3.8				
3/27/2019	2.4		3.1		2.5	
3/28/2019				4.8		
9/10/2019						
10/1/2019			3.1			
10/2/2019	2.6	4.3			2.7	
10/3/2019				4.1		
3/24/2020					2.2	
3/25/2020	1.6	3	2.2			
3/26/2020				2.9		
10/6/2020		3.4	2.3		2.3	
10/7/2020	1.8			2		
3/3/2021	1.6	3.1	2.2			
3/4/2021				1.8		
3/8/2021					2.4	
9/14/2021			2.2		2.5	
9/15/2021	1.8	2.8				
9/16/2021				1.5		
1/25/2022					2.4	

Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
1/26/2022	1.7	3.2	2.4			
1/27/2022				1.8		3.2
8/24/2022	1.8	3	2.7	1.8	2.1	
8/25/2022						
8/26/2022						2.4
2/14/2023		3.3	2.7		2.6	
2/15/2023	1.8					
2/16/2023				2.3		2.2
9/19/2023	1.6	3.4	2.6		2.3	
9/20/2023						
9/21/2023				2.8		2
2/27/2024	1.5		2.5		2.4	
2/28/2024		3.1				
2/29/2024				2.7		1.9
8/13/2024	1.6	3.2	2.5		2.4	
8/14/2024						
8/15/2024				2.9		2
3/11/2025		3.5			2.6	
3/12/2025	1.8		2.6			
3/13/2025				3		1.9
9/3/2025		3.4	2.4		2.5	
9/4/2025	1.7					
9/5/2025				3.2		2.2

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
8/30/2016	0.06 (J)								
8/31/2016		0.13 (J)	0.13 (J)						
9/1/2016				<0.1	0.06 (J)				
9/6/2016						0.09 (J)			
9/7/2016							0.12 (J)	0.15 (J)	0.03 (J)
9/8/2016									
10/18/2016									
12/6/2016	0.06 (J)								
12/7/2016		0.07 (J)	0.13 (J)	0.15 (J)	0.09 (J)	0.09 (J)			
12/8/2016							0.18 (J)	0.12 (J)	0.18 (J)
3/21/2017	0.004 (J)	<0.1	0.05 (J)						
3/22/2017				0.09 (J)	0.11 (J)	0.04 (J)	0.08 (J)		0.09 (J)
3/23/2017								0.14 (J)	
7/11/2017	0.05 (J)	0.05 (J)	0.05 (J)			0.05 (J)			
7/12/2017				0.02 (J)	0.23 (J)		0.17 (J)	0.07 (J)	0.21 (J)
10/17/2017	<0.1								
10/18/2017		0.11 (J)	<0.1		0.19 (J)	0.04 (J)	0.06 (J)		0.24 (J)
10/19/2017				<0.1				<0.1	
2/20/2018	0.098 (J)	0.04 (J)	0.3 (J)						
2/21/2018				0.045 (J)	0.093 (J)	<0.1	0.086 (J)	0.37	0.24 (J)
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	<0.1	<0.1	0.077 (J)						
7/12/2018				<0.1	<0.1	<0.1		0.17 (J)	
8/15/2018							<0.1		
8/16/2018									0.073 (J)
8/17/2018									
9/12/2018	0.034 (J)	<0.1							
9/13/2018			<0.1	<0.1	0.15 (J)	<0.1	<0.1		
9/14/2018								<0.1	<0.1
10/4/2018									
10/24/2018									
3/26/2019	<0.1								
3/27/2019		<0.1	<0.1			<0.1	<0.1		
3/28/2019				<0.1	0.1 (J)			0.074 (J)	0.15 (J)
8/20/2019	<0.1								
8/21/2019		<0.1	<0.1		0.044 (J)	<0.1			
8/22/2019				<0.1			<0.1	0.1 (J)	0.11 (J)
9/10/2019			<0.1						
10/1/2019	0.062 (J)								
10/2/2019		0.056 (J)			0.075 (J)	0.053 (J)			0.063 (J)
10/3/2019				0.041 (J)			0.043 (J)	0.084 (J)	
3/24/2020	<0.1								
3/25/2020		<0.1	0.066 (J)						<0.1
3/26/2020				<0.1	0.056 (J)	<0.1	<0.1	0.077 (J)	
8/25/2020	<0.1								
8/26/2020		<0.1	0.057 (J)	<0.1	<0.1	<0.1		0.062 (J)	<0.1
8/27/2020							<0.1		
10/6/2020	<0.1	<0.1	0.052 (J)			<0.1			
10/7/2020				<0.1	<0.1		<0.1	0.064 (J)	<0.1
3/3/2021	<0.1	<0.1	<0.1					0.058 (J)	

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
3/4/2021				<0.1	<0.1	<0.1	<0.1		<0.1
3/8/2021									
9/14/2021	<0.1								
9/15/2021		<0.1	<0.1		<0.1	<0.1			
9/16/2021				<0.1			<0.1	0.067 (J)	0.052 (J)
1/25/2022	<0.1								
1/26/2022		<0.1	<0.1		<0.1	<0.1			
1/27/2022				<0.1			<0.1	0.056 (J)	<0.1
8/24/2022	0.08 (J)								
8/25/2022		0.051 (J)	0.074 (J)	0.056 (J)	0.074 (J)	0.058 (J)	0.052 (J)	0.086 (J)	0.078 (J)
8/26/2022									
2/14/2023	0.063 (J)	<0.1	0.084 (J)						
2/15/2023				0.05 (J)	0.064 (J)	0.053 (J)	<0.1	0.086 (J)	
2/16/2023									0.077 (J)
9/19/2023	0.06 (J)					<0.1			
9/20/2023		<0.1	0.062 (J)	<0.1	0.064 (J)		<0.1	0.082 (J)	0.073 (J)
9/21/2023									
2/27/2024									
2/28/2024	<0.1		0.07 (J)	<0.1	0.059 (J)				
2/29/2024		<0.1				<0.1	<0.1	0.078 (J)	0.068 (J)
8/13/2024	<0.1								
8/14/2024		<0.1	<0.1		<0.1	<0.1	<0.1	0.065 (J)	
8/15/2024				<0.1					<0.1
3/11/2025	<0.1								
3/12/2025		<0.1				<0.1	<0.1	0.055 (J)	<0.1
3/13/2025			<0.1	<0.1	<0.1				
9/3/2025	<0.1			<0.1		<0.1		0.058 (J)	
9/4/2025			<0.1		<0.1		<0.1		<0.1
9/5/2025		0.053 (J)							

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	0.25 (J)					
10/18/2016		0.16 (J)	0.11 (J)			
12/6/2016		0.15 (J)				
12/7/2016			0.07 (J)			
12/8/2016	0.22 (J)			0.21 (J)		
3/21/2017		0.02 (J)				
3/22/2017	0.16 (J)					
3/23/2017			<0.1	0.18 (J)		
7/11/2017	0.23 (J)	0.06 (J)	0.02 (J)			
7/12/2017				0.06 (J)		
10/17/2017		0.05 (J)	<0.1			
10/18/2017	0.28 (J)					
10/19/2017				<0.1		
2/20/2018		0.21 (J)	<0.1			
2/21/2018	0.29 (J)			0.039 (J)		
4/12/2018					<0.1	
5/23/2018					0.063 (J)	
6/13/2018					0.11 (J)	
7/11/2018		0.087 (J)	<0.1		<0.1	
7/12/2018	0.21 (J)			<0.1		
8/15/2018						
8/16/2018						
8/17/2018					<0.1	
9/12/2018		0.049 (J)			0.093 (J)	
9/13/2018	0.22 (J)		<0.1			
9/14/2018				<0.1		
10/4/2018				0.15 (J)	0.15 (J)	
10/24/2018					0.29 (J)	
3/26/2019		<0.1				
3/27/2019	0.37		<0.1		0.04 (J)	
3/28/2019				<0.1		
8/20/2019			<0.1			
8/21/2019	0.11 (J)	<0.1			0.046 (J)	
8/22/2019				<0.1		
9/10/2019						
10/1/2019			0.042 (J)			
10/2/2019	0.16 (J)	0.057 (J)			0.11 (J)	
10/3/2019				0.06 (J)		
3/24/2020					0.051 (J)	
3/25/2020	0.13 (J)	<0.1	<0.1			
3/26/2020				<0.1		
8/25/2020		<0.1	<0.1			
8/26/2020	0.14			<0.1	0.057 (J)	
8/27/2020						
10/6/2020		<0.1	<0.1		0.073 (J)	
10/7/2020	0.13			<0.1		
3/3/2021	0.12	<0.1	<0.1			

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

Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
3/4/2021				<0.1		
3/8/2021					<0.1	
9/14/2021			<0.1		0.089 (J)	
9/15/2021	0.14	<0.1				
9/16/2021				<0.1		
1/25/2022					0.071 (J)	
1/26/2022	0.11	<0.1	<0.1			
1/27/2022				<0.1		0.057 (J)
8/24/2022	0.15	0.069 (J)	0.058 (J)	0.092 (J)	0.088 (J)	
8/25/2022						
8/26/2022						0.083 (J)
2/14/2023		0.059 (J)	<0.1		0.076 (J)	
2/15/2023	0.16					
2/16/2023				0.082 (J)		0.077 (J)
9/19/2023	0.14	0.053 (J)	<0.1		0.094 (J)	
9/20/2023						
9/21/2023				0.074 (J)		0.074 (J)
2/27/2024	0.13		<0.1		0.084 (J)	
2/28/2024		0.06 (J)				
2/29/2024				0.068 (J)		0.067 (J)
8/13/2024	0.12	<0.1	<0.1		0.083 (J)	
8/14/2024						
8/15/2024				<0.1		<0.1
3/11/2025		<0.1			0.052 (J)	
3/12/2025	0.13		<0.1			
3/13/2025				<0.1		<0.1
9/3/2025		<0.1	<0.1		0.07 (J)	
9/4/2025	0.098 (J)					
9/5/2025				0.077 (J)		0.073 (J)

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

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-19	PZ-17	PZ-18
8/30/2016	7.67								
8/31/2016		6.97	6.75						
9/1/2016				7.21	7.07				
9/6/2016						7.23			
9/7/2016							6.71	7.02	6.92
9/8/2016									
10/4/2016									
10/5/2016									
10/10/2016									
10/17/2016									
10/18/2016									
12/6/2016	7.57								
12/7/2016		6.85	6.64	7.13	6.85	7.3			
12/8/2016							6.61	6.95	6.9
3/21/2017	7.54	7.04	6.73						
3/22/2017				7.04	6.99	7.2		7.05	7
3/23/2017							6.69		
7/11/2017	7.43	6.88	6.66			7.31			
7/12/2017				7.09	6.83		6.69	7.06	6.95
10/17/2017	7.7								
10/18/2017		6.77	6.73	7.2		7.28	6.88	6.99	6.88
10/19/2017					6.91		6.85		
2/20/2018	7.57	7.31	7.11						
2/21/2018				7.11	6.97	7.1	6.66	6.95	6.89
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	7.48	7.12	7						
7/12/2018				7.07	6.85	7.14	6.84	7.06	7.01
8/15/2018									6.87
8/16/2018								7.01	
8/17/2018									
9/12/2018	7.41	6.87							
9/13/2018			6.56	7.01	6.88	7.08			6.86
9/14/2018							6.76	6.83	
10/4/2018									
10/24/2018									
3/26/2019	7.49								
3/27/2019		6.98	6.75			7.23			6.92
3/28/2019				7.84	6.96		6.67	6.97	
8/20/2019	7.87								
8/21/2019		7.31	7.08	7.51		7.23			
8/22/2019					7.31		6.73	7.24	7.02
9/10/2019			6.78						
10/1/2019	7.5								
10/2/2019		6.96		7.22		7.22		6.99	
10/3/2019					6.85		6.93		6.78
3/24/2020	7.79								
3/25/2020		7.02	6.84					6.93	
3/26/2020				7.08	7.12	7.12	6.7		7.01
8/25/2020	7.49								
8/26/2020		6.98	6.64	7.08	7.01	7.18	6.68	6.98	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-19	PZ-17	PZ-18
8/27/2020									6.88
10/6/2020	7.35	7.01	6.78			7.24			
10/7/2020				7.11	6.98		6.78	7.04	6.91
3/3/2021	7.56	6.99	6.79				6.78		
3/4/2021				7.09	6.95	7.34		7.09	6.91
3/8/2021									
9/14/2021	7.45								
9/15/2021		6.94	6.72	7.09		7.12			
9/16/2021					6.96		6.77	7.03	6.85
1/25/2022	7.51								
1/26/2022		7.05	6.83	7.33		7.26			
1/27/2022					7.03		6.8	7.03	6.92
8/24/2022	7.49								
8/25/2022		6.93	6.76	7.15	6.98	7.14	6.67	7.05	6.76
8/26/2022									
10/11/2022									
2/14/2023	7.43	7.04	6.75						
2/15/2023				7.09	6.92	7.1	6.66		6.73
2/16/2023								7.14	
9/19/2023	7.44					7.08			
9/20/2023		6.94	6.86	7.07	7.15		6.83	7.16	6.76
9/21/2023									
2/27/2024									
2/28/2024	7.41		6.79	7.18	7.07				
2/29/2024		7.07				7.19	6.82	7.2	6.94
8/13/2024	7.46								
8/14/2024		7.11	6.75	7.11		7.15	6.9		6.92
8/15/2024					7.05			7.35	
3/11/2025	7.42								
3/12/2025		7.11				7.18	6.74	7.38	6.96
3/13/2025			6.79	7.16	7.12				
9/3/2025	7.29				7.01	6.97	6.84		
9/4/2025			6.65	6.93				7.3	6.81
9/5/2025		7.05							

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-32 (bg)	PZ-31 (bg)	PZ-2D (bg)	PZ-57
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	7.1					
10/4/2016		6.88				
10/5/2016		6.91				
10/10/2016		6.89				
10/17/2016			7.43			
10/18/2016			7.45	7.15		
12/6/2016				7.04		
12/7/2016			7.29			
12/8/2016	6.98	6.86				
3/21/2017				7.01		
3/22/2017	7.16					
3/23/2017		6.9	7.26			
7/11/2017	7.15	7.82	7.31	6.96		
7/12/2017		6.81				
10/17/2017			7.29	7.31	7.61	
10/18/2017	7.09					
10/19/2017		6.86				
2/20/2018			7.26	7.37		
2/21/2018	7.12	7.02				
4/12/2018					9.54	
5/23/2018					9.57	
6/13/2018					9.71	
7/11/2018			7.39	7.26	9.48	
7/12/2018	7.01	6.82		7.01		
8/15/2018						
8/16/2018						
8/17/2018					9.31	
9/12/2018				7.02	9.07	
9/13/2018	7.03		7.25			
9/14/2018		6.75				
10/4/2018		6.9			9.16	
10/24/2018					9.29	
3/26/2019				7		
3/27/2019	7.08		7.42		8.76	
3/28/2019		6.96				
8/20/2019			7.36			
8/21/2019	7.09			7.44	8.68	
8/22/2019		6.94				
9/10/2019						
10/1/2019			7.43			
10/2/2019	7.2			7.09	8.97	
10/3/2019		7.01				
3/24/2020					8.57	
3/25/2020	7.01		7.23	7.15		
3/26/2020		7				
8/25/2020			7.53	7.14		
8/26/2020	7.09	6.99			7.97	

Prediction Limit

Constituent: pH, Field (SU) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-32 (bg)	PZ-31 (bg)	PZ-2D (bg)	PZ-57
8/27/2020						
10/6/2020			7.27	7.01	8.72	
10/7/2020	6.95	7.04				
3/3/2021	7.04		7.41	7.14		
3/4/2021		7.22				
3/8/2021					7.77	
9/14/2021			7.31		8.96	
9/15/2021	7.05			6.99		
9/16/2021		7.1				
1/25/2022					8.4	
1/26/2022	7.28		7.44	7.1		
1/27/2022		7.18				7.3
8/24/2022	7.1	7.1	7.34	7.04	8.01	
8/25/2022						
8/26/2022						7.09
10/11/2022	7.13		7.37		7.94	
2/14/2023			7.36	7.09	7.97	
2/15/2023	7.02					
2/16/2023		7.13				7.06
9/19/2023	7.18		7.43	7.02	8.82	
9/20/2023						
9/21/2023		7.05				7.21
2/27/2024	7.13		7.39		8.49	
2/28/2024				7.11		
2/29/2024		7.14				7.13
8/13/2024	7.06		7.33	7.12	9.2	
8/14/2024						
8/15/2024		7.07				7.1
3/11/2025				7.08	8.2	
3/12/2025	7.12		7.31			
3/13/2025		7.07				7.13
9/3/2025			7.22	7.05	8.96	
9/4/2025	6.98					
9/5/2025		6.96				7.05

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
8/30/2016	2.1								
8/31/2016		4.1	29						
9/1/2016				62	73				
9/6/2016						49			
9/7/2016							96	87	99
9/8/2016									
10/18/2016									
12/6/2016	2.4								
12/7/2016		1.5	24	57	71	46			
12/8/2016							94	84	94
3/21/2017	2.5	2	31						
3/22/2017				61	80	53	95		100
3/23/2017								90	
7/11/2017	2.6	2	37			52			
7/12/2017				53	78		96	93	100
10/17/2017	2.5								
10/18/2017		4.2	34		82	58	99		100
10/19/2017				55				92	
2/20/2018	2.3	2.4	34.7						
2/21/2018				52.1	72.2	48.2	91.8	84.5	98.8
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	2.5	3.8	35.4						
7/12/2018				53.9	80.5	48.8		84.9	
8/15/2018							101		
8/16/2018									111
8/17/2018									
9/12/2018	2	4.3							
9/13/2018			37.4	67.5	84.4	48.7	106		
9/14/2018								89.5	102
10/4/2018									
10/24/2018									
3/26/2019	2.7								
3/27/2019		8.2	41.9			46.5	111		
3/28/2019				59.6	90.3			83.5	94.7
9/10/2019			45.1						
10/1/2019	2.8								
10/2/2019		6.2			83	48.5			104
10/3/2019				59.6			95.8	84.9	
3/24/2020	3								
3/25/2020		11.9	47						92.4
3/26/2020				57.1	83.6	43.5	91	84.9	
10/6/2020	2.4	11	71.2			42.4			
10/7/2020				48.9	80.7		87.3	83.3	89.1
3/3/2021	2.2	8.8	66					80.8	
3/4/2021				49.7	74.1	38.9	88.6		66.8
3/8/2021									
9/14/2021	2.6								
9/15/2021		11.4	46.8		73.4	37.8			
9/16/2021				41.8			86.9	72.7	70.9
1/25/2022	2.4								

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
1/26/2022		9.1	37.8		77.2	38.9			
1/27/2022				46.7			89.9	76.3	62.1
8/24/2022	2.2								
8/25/2022		10.7	45.6	47.3	75.5	38.7	96.3	84.4	62.7
8/26/2022									
2/14/2023	1.6	10	35.1						
2/15/2023				49.9	75.7	38.1	96.6	78.8	
2/16/2023									54.2
9/19/2023	2.2					37.5			
9/20/2023		12.5	44.3	40.7	74.9		93.8	83.4	34.3
9/21/2023									
2/27/2024									
2/28/2024	<1		33.5	40.3	77.4				
2/29/2024		13.3				37.9	92.7	71.5	45.4
8/13/2024	2.5								
8/14/2024		17.3	43.4		78.4	38.8	94.3	61.7	
8/15/2024				39					18.3
3/11/2025	1.8								
3/12/2025		13.9				37.8	89.9	79.8	31.5
3/13/2025			33.3	34.9	72.6				
9/3/2025	2.3			34.4		34.9		58.5	
9/4/2025			53.6		76.2		89.6		19.2
9/5/2025		16.7							

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

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	48					
10/18/2016		2.2	2.3			
12/6/2016		6.1				
12/7/2016			1.9			
12/8/2016	46			100		
3/21/2017		5.7				
3/22/2017	53					
3/23/2017			1.7	100		
7/11/2017	51	4.8	1.8			
7/12/2017				97		
10/17/2017		6.4	1.9			
10/18/2017	50					
10/19/2017				97		
2/20/2018		5.2	2.1			
2/21/2018	46.8			93.6		
4/12/2018					4.8 (J)	
5/23/2018					4.5	
6/13/2018					5.3	
7/11/2018		3.6	2		5.4	
7/12/2018	48.3			89.4		
8/15/2018						
8/16/2018						
8/17/2018					4.5	
9/12/2018		2.7			4.4	
9/13/2018	42		2.1			
9/14/2018				88.9		
10/4/2018				97.8	5.8	
10/24/2018					6.2	
3/26/2019		1.6				
3/27/2019	43.7		2.4		3.7	
3/28/2019				76.7		
9/10/2019						
10/1/2019			2.2			
10/2/2019	43	1.6			4.1	
10/3/2019				72.1		
3/24/2020					3.1	
3/25/2020	39.1	1.5	1.9			
3/26/2020				66.6		
10/6/2020		0.98 (J)	1.9		3.1	
10/7/2020	38.1			54.6		
3/3/2021	39.2	0.6 (J)	2			
3/4/2021				49.3		
3/8/2021					2.7	
9/14/2021			1.8		3.8	
9/15/2021	37.8	0.64 (J)				
9/16/2021				40.4		
1/25/2022					2.9	

Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
1/26/2022	37.5	0.69 (J)	1.9			
1/27/2022				40		94.5
8/24/2022	35.7	0.56 (J)	1.7	34.7	2	
8/25/2022						
8/26/2022						87.2
2/14/2023		0.89 (J)	2		2.6	
2/15/2023	37.1					
2/16/2023				36		77.7
9/19/2023	34.7	0.61 (J)	1.5		3.2	
9/20/2023						
9/21/2023				34.8		66.7
2/27/2024	34		1.4		2.6	
2/28/2024		0.54 (J)				
2/29/2024				32.2		65.1
8/13/2024	34.8	0.8 (J)	1.7		3.3	
8/14/2024						
8/15/2024				31.6		59.7
3/11/2025		0.56 (J)			2.2	
3/12/2025	35.3		1.6			
3/13/2025				31.3		56.8
9/3/2025		0.8 (J)	1.8		3.2	
9/4/2025	31.1					
9/5/2025				32.5		55.6

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
8/30/2016	136								
8/31/2016		344	400						
9/1/2016				373	284				
9/6/2016						257			
9/7/2016							415	508	392
9/8/2016									
10/18/2016									
12/6/2016	207								
12/7/2016		393	406	433	242	248			
12/8/2016							441	556	431
3/21/2017	128	276	409						
3/22/2017				409	332	304	469		456
3/23/2017								482	
7/11/2017	138	263	414			265			
7/12/2017				374	308		432	497	445
10/17/2017	101								
10/18/2017		261	366		275	240	368		349
10/19/2017				318				448	
2/20/2018	138	295	429						
2/21/2018				367	312	285	409	500	411
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	153	294	440						
7/12/2018				423	337	285		523	
8/15/2018							422		
8/16/2018									415
8/17/2018									
9/12/2018	146	286							
9/13/2018			448	394	336	291	438		
9/14/2018								486	403
10/4/2018									
10/24/2018									
3/26/2019	334								
3/27/2019		281	410			277	408		
3/28/2019				365	337			378	420
9/10/2019			420						
10/1/2019	146								
10/2/2019		312			355	284			415
10/3/2019				405			464	485	
3/24/2020	228								
3/25/2020		330	454						408
3/26/2020				332	330	286	415	440	
10/6/2020	153	241	462			261			
10/7/2020				334	336		425	492	392
3/3/2021	134	258	444					452	
3/4/2021				335	300	264	427		325
3/8/2021									
9/14/2021	150								
9/15/2021		292	422		326	270			
9/16/2021				307			419	450	330
1/25/2022	148								

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
1/26/2022		288	413		308	267			
1/27/2022				331			433	442	329
8/24/2022	139								
8/25/2022		259	437	325	319	90	446	528	321
8/26/2022									
10/11/2022									
2/14/2023	200	300	414						
2/15/2023				335	329	334	477	529	
2/16/2023									299
9/19/2023	146					298			
9/20/2023		293	421	302	328		451	512	256
9/21/2023									
2/27/2024									
2/28/2024	176		430	325	342				
2/29/2024		308				292	473	470	277
8/13/2024	163								
8/14/2024		284	436		342	311	468	436	
8/15/2024				350					245
3/11/2025	161								
3/12/2025		304				328	475	538	252
3/13/2025			435	316	329				
9/3/2025	149			310		329		412	
9/4/2025			470		335		465		210
9/5/2025		283							

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	293					
10/18/2016		264	152			
12/6/2016		299				
12/7/2016			214			
12/8/2016	309			503		
3/21/2017		260				
3/22/2017	299					
3/23/2017			165	430		
7/11/2017	301	244	162			
7/12/2017				438		
10/17/2017		218	140			
10/18/2017	256					
10/19/2017				393		
2/20/2018		264	163			
2/21/2018	297			435		
4/12/2018					69	
5/23/2018					62	
6/13/2018					93	
7/11/2018		273	192		84	
7/12/2018	310			447		
8/15/2018						
8/16/2018						
8/17/2018					115	
9/12/2018		252			97	
9/13/2018	307		192			
9/14/2018				447		
10/4/2018				450	103	
10/24/2018					110	
3/26/2019		253				
3/27/2019	287		167		87	
3/28/2019				405		
9/10/2019						
10/1/2019			187			
10/2/2019	312	263			95	
10/3/2019				414		
3/24/2020					123	
3/25/2020	280	278	178			
3/26/2020				336		
10/6/2020		254	169		81	
10/7/2020	280			337		
3/3/2021	267	264	166			
3/4/2021				283		
3/8/2021					126	
9/14/2021			179		71	
9/15/2021	272	256				
9/16/2021				296		
1/25/2022					68	

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 10/12/2025 5:09 PM View: Appendix III Interwell

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	PZ-57
1/26/2022	276	262	182			
1/27/2022				274		387
8/24/2022	286	261	172	265	287	
8/25/2022						
8/26/2022						358
10/11/2022	267		173		75	
2/14/2023		257	177		140	
2/15/2023	264					
2/16/2023				293		421
9/19/2023	311	265	217		86	
9/20/2023						
9/21/2023				300		311
2/27/2024	287		192		75	
2/28/2024		276				
2/29/2024				314		334
8/13/2024	273	263	187		69	
8/14/2024						
8/15/2024				341		348
3/11/2025		259			82	
3/12/2025	298		200			
3/13/2025				323		321
9/3/2025		257	192		72	
9/4/2025	279					
9/5/2025				338		315

FIGURE E.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 2/9/2026, 9:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	PZ-7D	-0.02306	-176	-92	Yes	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-17	-0.02992	-143	-92	Yes	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-25	-0.005098	-118	-92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)	1.071	115	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-18	3.382	132	92	Yes	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-33	-3.615	-107	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-31 (bg)	-0.1851	-118	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-15	-0.2021	-147	-92	Yes	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-16	-0.2531	-156	-92	Yes	22	0	n/a	0.01	NP
pH, Field (SU)	PZ-1D (bg)	-0.02022	-116	-105	Yes	24	0	n/a	0.01	NP
pH, Field (SU)	PZ-2D (bg)	-0.1785	-125	-118	Yes	26	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-2D (bg)	-0.374	-129	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)	-0.4593	-160	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D	-2.715	-160	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-14	1.619	182	92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-16	-1.866	-173	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-17	-9.253	-162	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-19	-2.084	-148	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-25	-1.962	-191	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-33	-9.897	-209	-92	Yes	22	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-57	-11.83	-28	-21	Yes	8	0	n/a	0.01	NP
TDS (mg/L)	PZ-7D	-9.313	-123	-92	Yes	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-18	6.09	98	92	Yes	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-33	-19.3	-106	-92	Yes	22	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 2/9/2026, 9:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
Boron (mg/L)	PZ-1D (bg)	0.000371	36	92	No	22	9.091	n/a	0.01	NP
Boron (mg/L)	PZ-2D (bg)	-0.000466	-58	-92	No	22	4.545	n/a	0.01	NP
Boron (mg/L)	PZ-31 (bg)	0	-1	-92	No	22	27.27	n/a	0.01	NP
Boron (mg/L)	PZ-32 (bg)	0	4	92	No	22	9.091	n/a	0.01	NP
Boron (mg/L)	**PZ-7D**	**-0.02306**	**-176**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	PZ-14	0.0007542	88	92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-15	-0.002594	-67	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-16	0	-18	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	**PZ-17**	**-0.02992**	**-143**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	PZ-18	0	17	92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-19	-0.02252	-83	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-23A	-0.002863	-66	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	**PZ-25**	**-0.005098**	**-118**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Boron (mg/L)	PZ-33	-0.006594	-78	-92	No	22	0	n/a	0.01	NP
Boron (mg/L)	PZ-57	0	-2	-21	No	8	0	n/a	0.01	NP
Calcium (mg/L)	PZ-1D (bg)	0.6093	53	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	PZ-2D (bg)	-0.2162	-9	-92	No	22	4.545	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)	0.9783	67	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	**PZ-32 (bg)**	**1.071**	**115**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	**PZ-18**	**3.382**	**132**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Calcium (mg/L)	PZ-23A	0	2	92	No	22	0	n/a	0.01	NP
Calcium (mg/L)	**PZ-33**	**-3.615**	**-107**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	PZ-1D (bg)	-0.03629	-58	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	PZ-2D (bg)	-0.0162	-41	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	**PZ-31 (bg)**	**-0.1851**	**-118**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	PZ-32 (bg)	-0.08075	-91	-92	No	22	0	n/a	0.01	NP
Chloride (mg/L)	**PZ-15**	**-0.2021**	**-147**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Chloride (mg/L)	**PZ-16**	**-0.2531**	**-156**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**PZ-1D (bg)**	**-0.02022**	**-116**	**-105**	**Yes**	**24**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	**PZ-2D (bg)**	**-0.1785**	**-125**	**-118**	**Yes**	**26**	**0**	**n/a**	**0.01**	**NP**
pH, Field (SU)	PZ-31 (bg)	-0.003936	-18	-111	No	25	0	n/a	0.01	NP
pH, Field (SU)	PZ-32 (bg)	0	-5	-118	No	26	0	n/a	0.01	NP
pH, Field (SU)	PZ-15	-0.00317	-17	-105	No	24	0	n/a	0.01	NP
pH, Field (SU)	PZ-18	-0.01007	-56	-111	No	25	0	n/a	0.01	NP
pH, Field (SU)	PZ-19	0.01176	59	111	No	25	0	n/a	0.01	NP
pH, Field (SU)	PZ-23A	0.002928	28	105	No	24	0	n/a	0.01	NP
Sulfate (mg/L)	PZ-1D (bg)	-0.03498	-51	-92	No	22	4.545	n/a	0.01	NP
Sulfate (mg/L)	**PZ-2D (bg)**	**-0.374**	**-129**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-31 (bg)**	**-0.4593**	**-160**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-32 (bg)	-0.04462	-83	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-7D**	**-2.715**	**-160**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-14**	**1.619**	**182**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-15	-0.3445	-15	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-16**	**-1.866**	**-173**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-17**	**-9.253**	**-162**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-18	-0.6222	-59	-92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-19**	**-2.084**	**-148**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	PZ-23A	1.809	79	92	No	22	0	n/a	0.01	NP
Sulfate (mg/L)	**PZ-25**	**-1.962**	**-191**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-33**	**-9.897**	**-209**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
Sulfate (mg/L)	**PZ-57**	**-11.83**	**-28**	**-21**	**Yes**	**8**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-1D (bg)	2.317	58	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-2D (bg)	-1.035	-13	-98	No	23	0	n/a	0.01	NP
TDS (mg/L)	PZ-31 (bg)	0.1792	8	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-32 (bg)	3.51	98	98	No	23	0	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

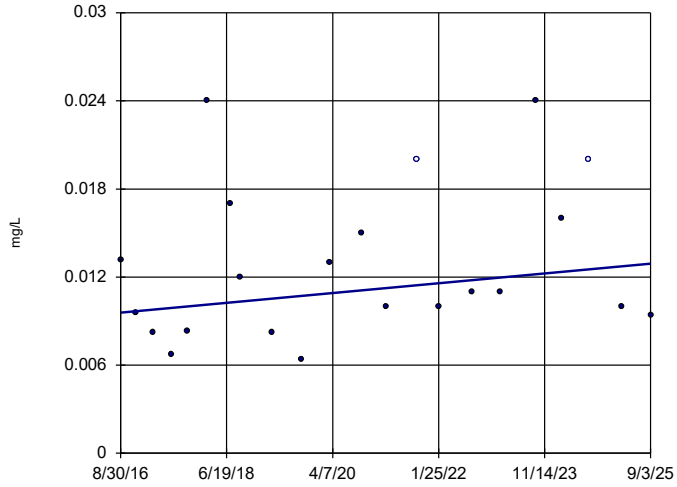
Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 2/9/2026, 9:52 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Alpha	Method
TDS (mg/L)	**PZ-7D**	**-9.313**	**-123**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-15	3.054	64	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-16	5.696	84	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	**PZ-18**	**6.09**	**98**	**92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-19	-4.361	-33	-92	No	22	0	n/a	0.01	NP
TDS (mg/L)	PZ-23A	3.901	90	92	No	22	0	n/a	0.01	NP
TDS (mg/L)	**PZ-33**	**-19.3**	**-106**	**-92**	**Yes**	**22**	**0**	**n/a**	**0.01**	**NP**
TDS (mg/L)	PZ-57	-15.58	-14	-21	No	8	0	n/a	0.01	NP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

PZ-1D (bg)



n = 22

Slope = 0.000371 units per year.

Mann-Kendall statistic = 36
critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

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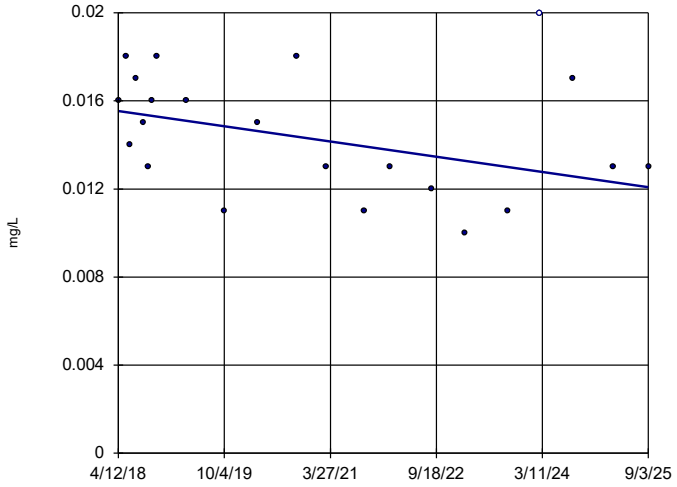
Hollow symbols indicate censored values.

Sen's Slope Estimator

PZ-2D (bg)



n = 22

Slope = -0.000466 units per year.

Mann-Kendall statistic = -58
critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

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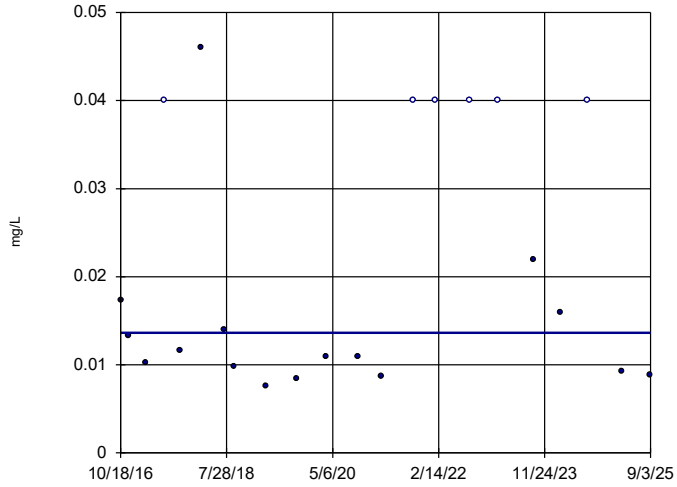
Hollow symbols indicate censored values.

Sen's Slope Estimator

PZ-31 (bg)



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = -1
critical = -92

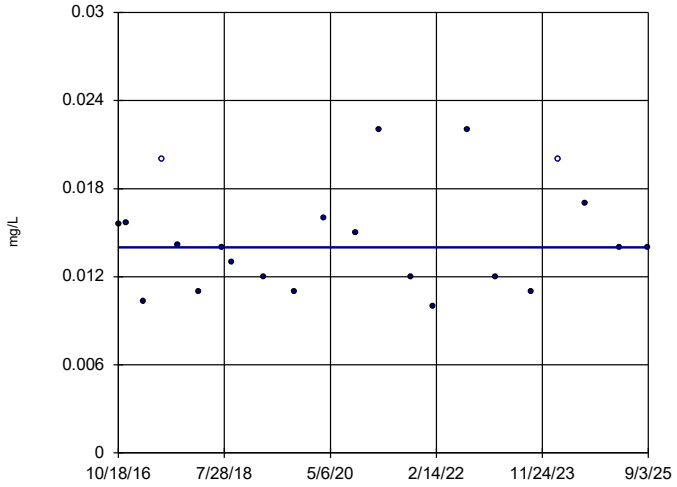
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

Sen's Slope Estimator

PZ-32 (bg)



n = 22

Slope = 0 units per year.

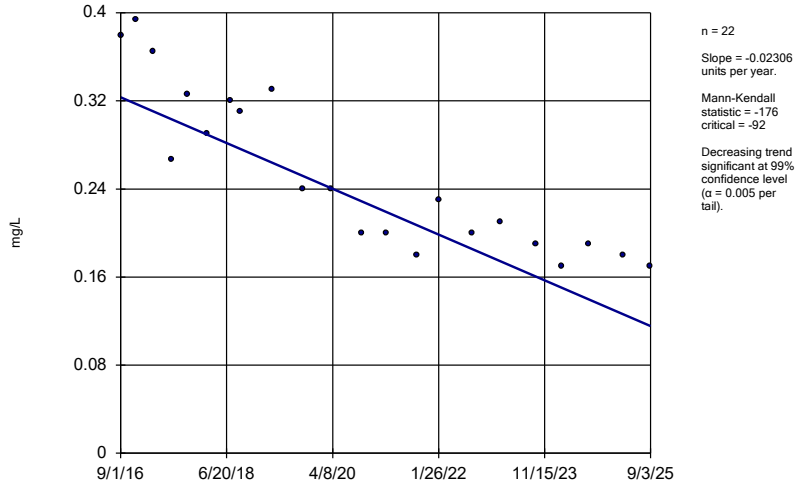
Mann-Kendall statistic = 4
critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-7D



n = 22

Slope = -0.02306 units per year.

Mann-Kendall statistic = -176 critical = -92

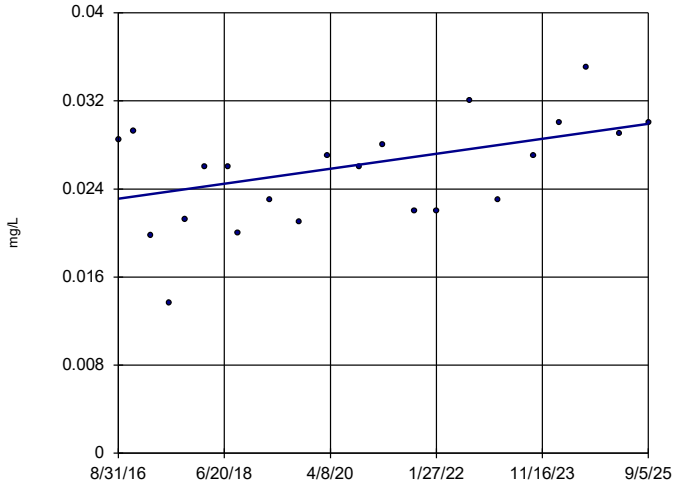
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-14



n = 22

Slope = 0.0007542 units per year.

Mann-Kendall statistic = 88 critical = 92

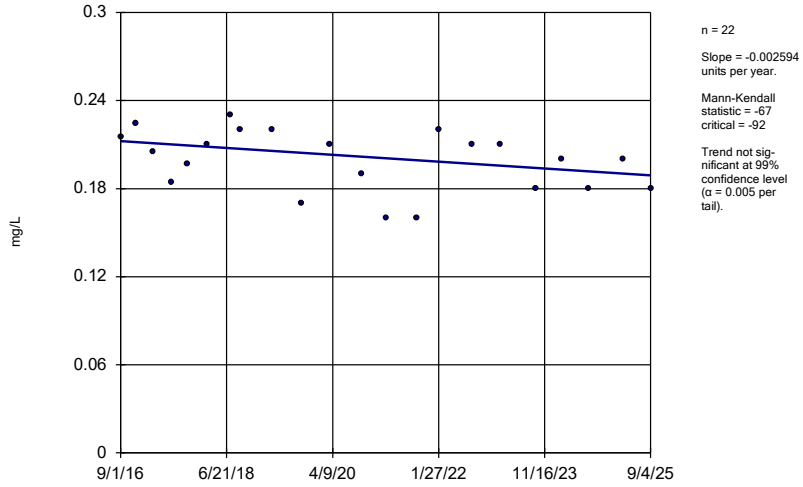
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-15



n = 22

Slope = -0.002594 units per year.

Mann-Kendall statistic = -67 critical = -92

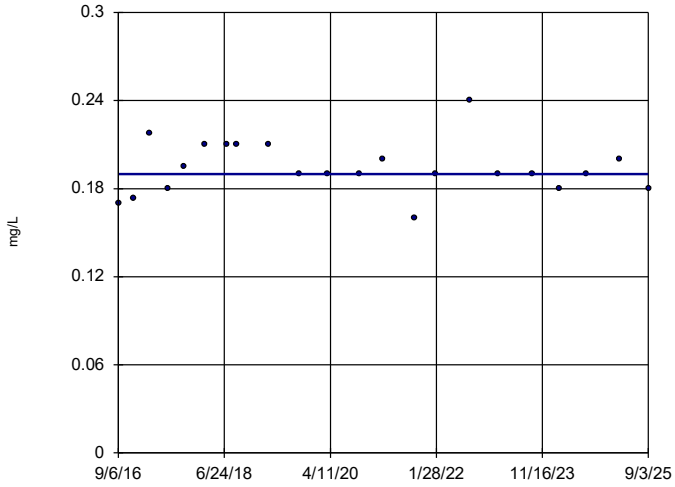
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-16



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = -18 critical = -92

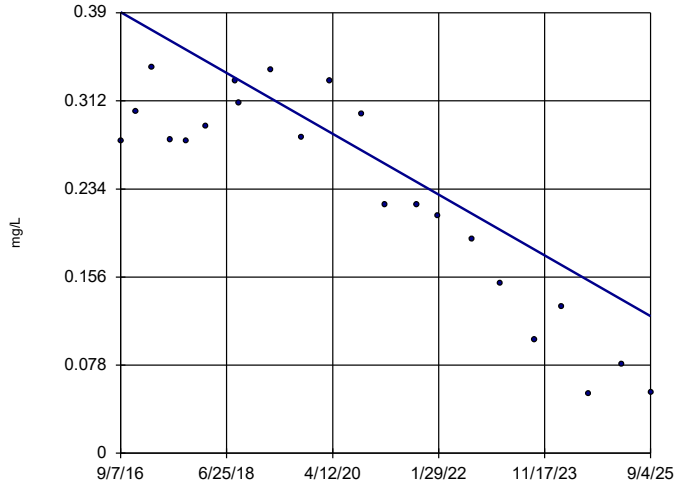
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-17



n = 22

Slope = -0.02992 units per year.

Mann-Kendall statistic = -143 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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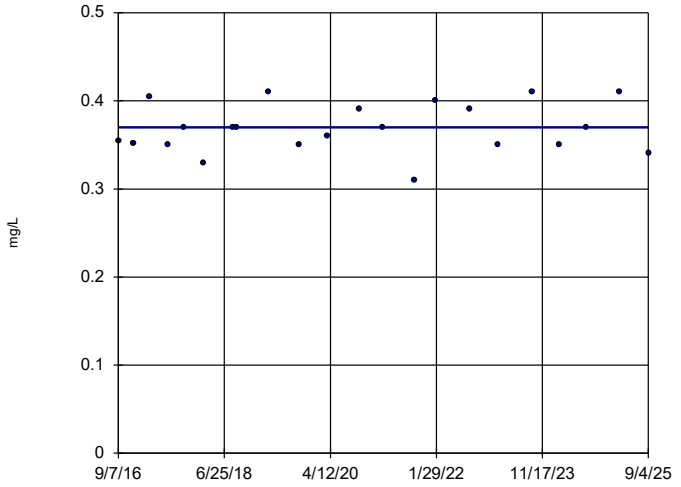
Sen's Slope Estimator

PZ-18



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 17 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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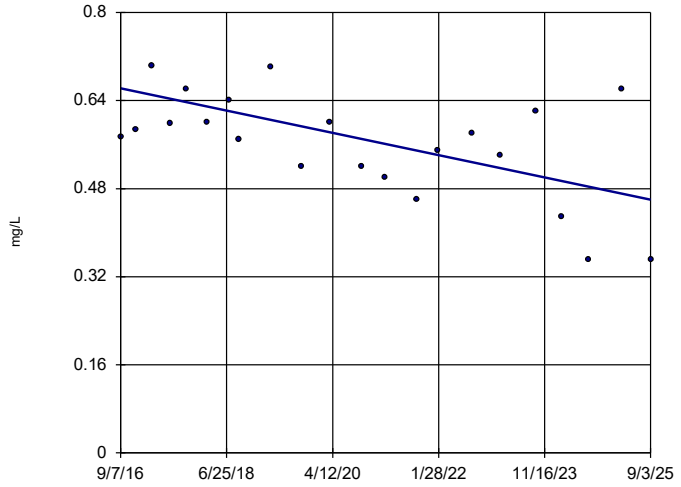
Sen's Slope Estimator

PZ-19



n = 22

Slope = -0.02252 units per year.

Mann-Kendall statistic = -83 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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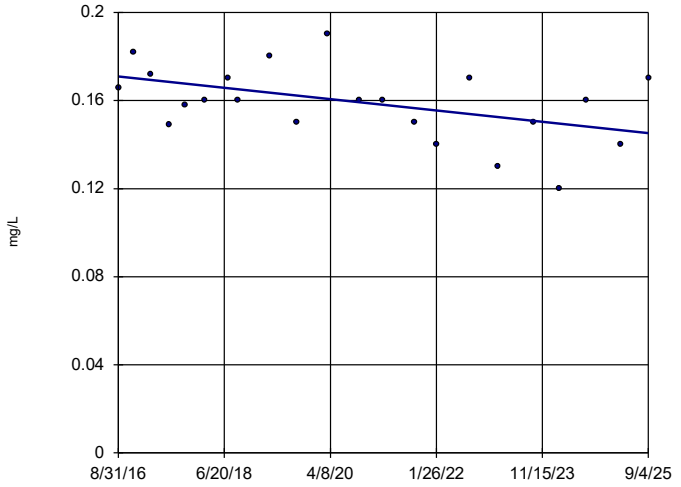
Sen's Slope Estimator

PZ-23A



n = 22

Slope = -0.002863 units per year.

Mann-Kendall statistic = -66 critical = -92

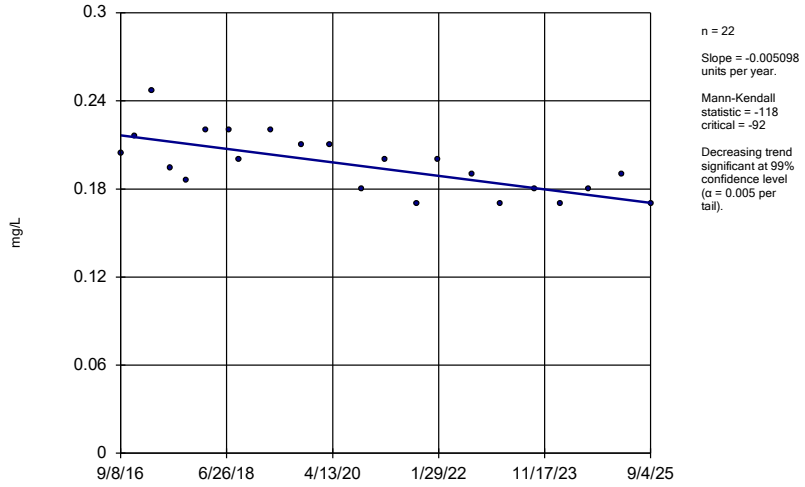
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-25



n = 22

Slope = -0.005098 units per year.

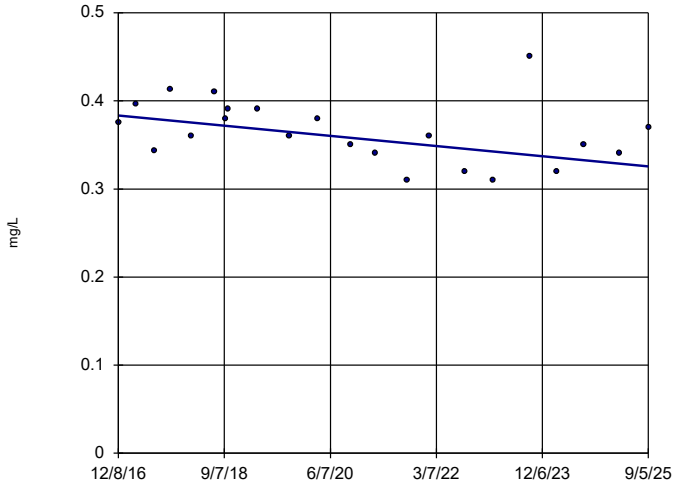
Mann-Kendall statistic = -118
critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-33



n = 22

Slope = -0.006594 units per year.

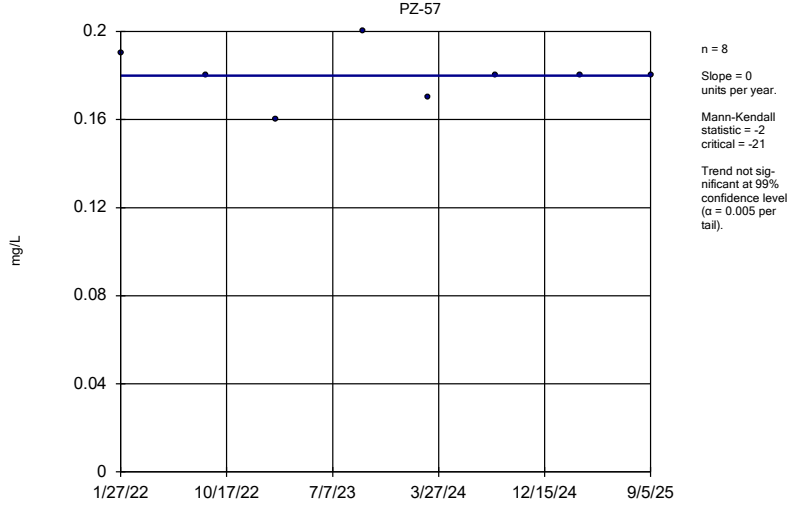
Mann-Kendall statistic = -78
critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-57



n = 8

Slope = 0 units per year.

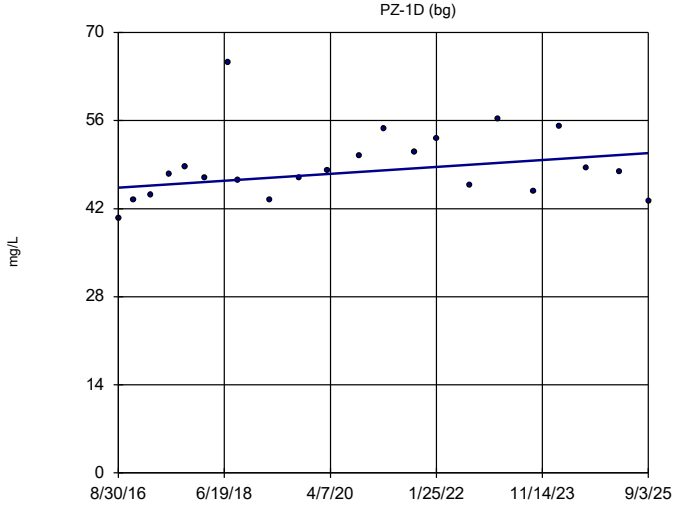
Mann-Kendall statistic = -2
critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Boron Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-1D (bg)



n = 22

Slope = 0.6093 units per year.

Mann-Kendall statistic = 53
critical = 92

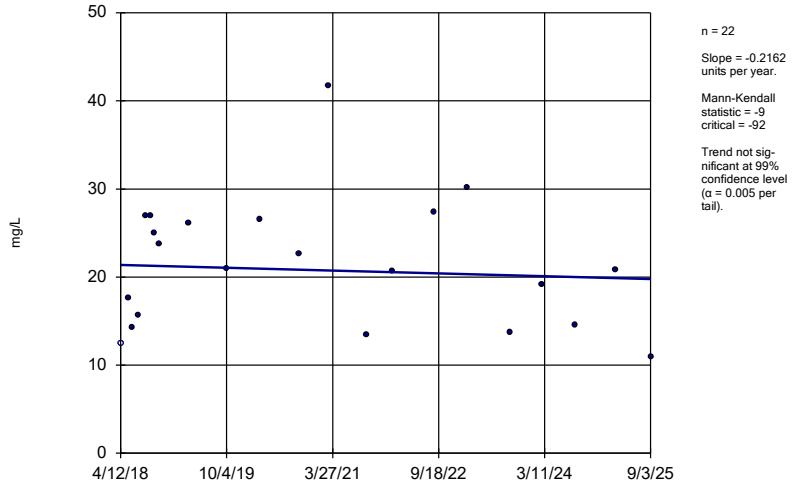
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Hollow symbols indicate censored values.

Sen's Slope Estimator

PZ-2D (bg)



n = 22

Slope = -0.2162 units per year.

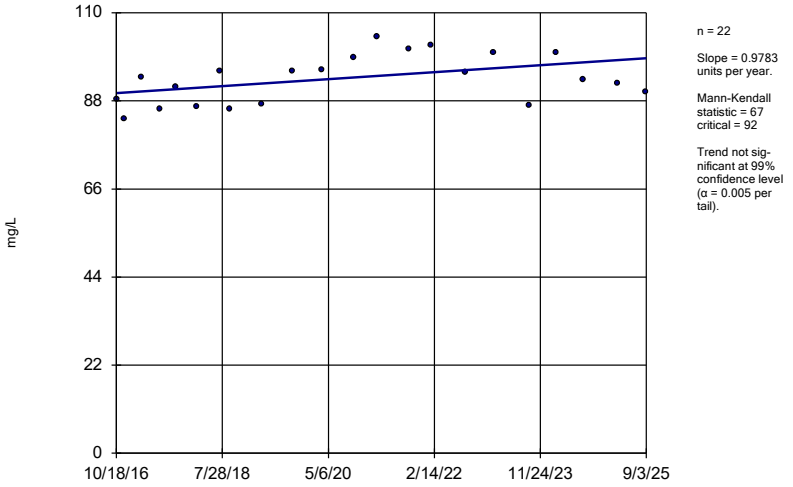
Mann-Kendall statistic = -9
critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-31 (bg)



n = 22

Slope = 0.9783 units per year.

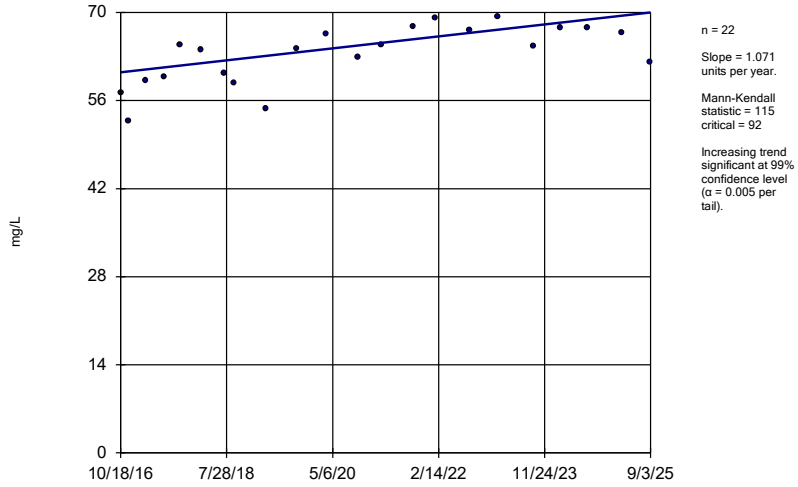
Mann-Kendall statistic = 67
critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-32 (bg)



n = 22

Slope = 1.071 units per year.

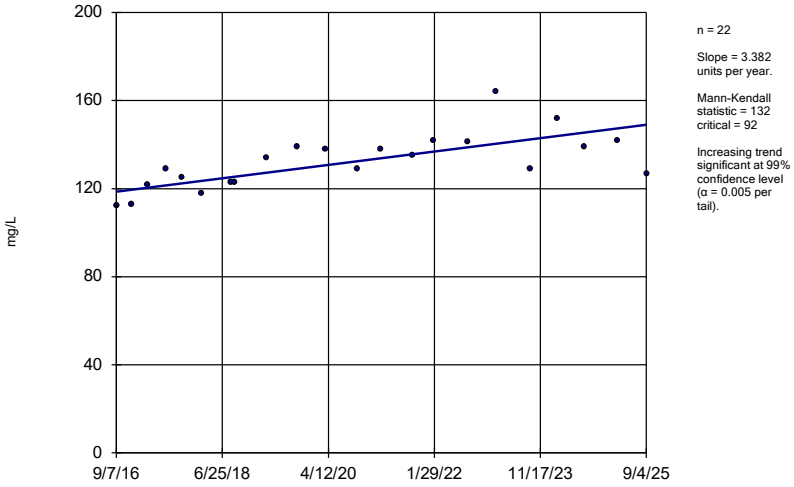
Mann-Kendall statistic = 115
critical = 92

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-18



n = 22

Slope = 3.382 units per year.

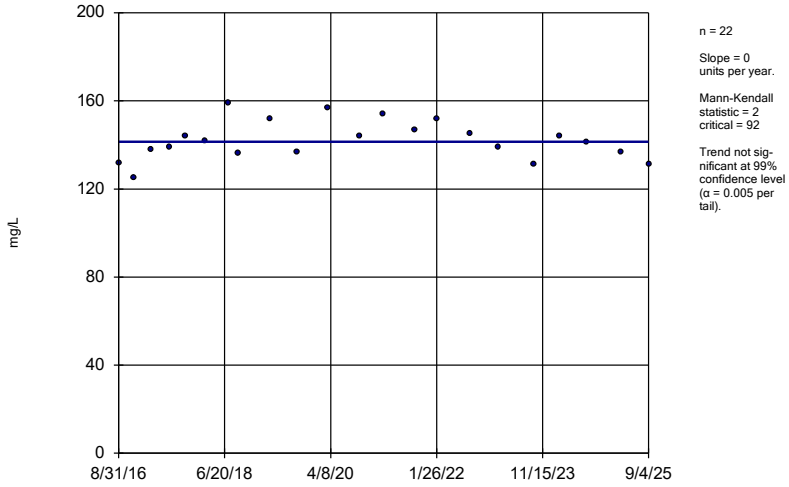
Mann-Kendall statistic = 132
critical = 92

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-23A



n = 22

Slope = 0 units per year.

Mann-Kendall statistic = 2 critical = 92

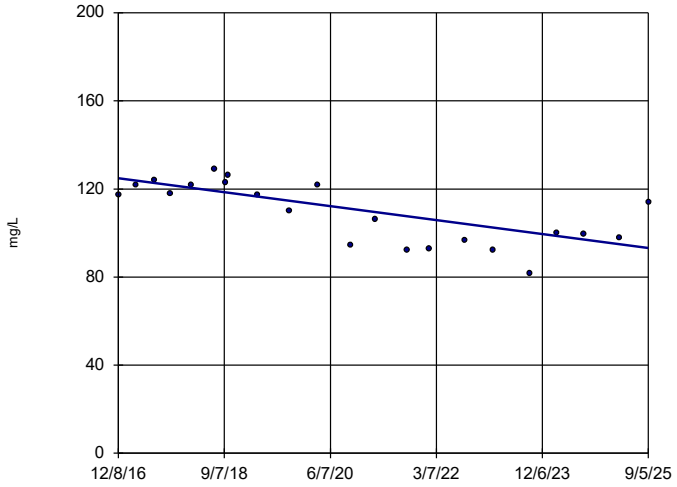
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-33



n = 22

Slope = -3.615 units per year.

Mann-Kendall statistic = -107 critical = -92

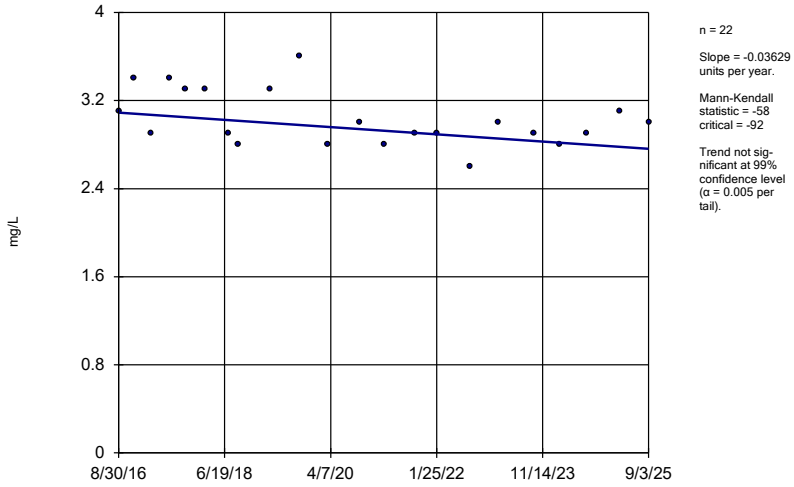
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Calcium Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-1D (bg)



n = 22

Slope = -0.03629 units per year.

Mann-Kendall statistic = -58 critical = -92

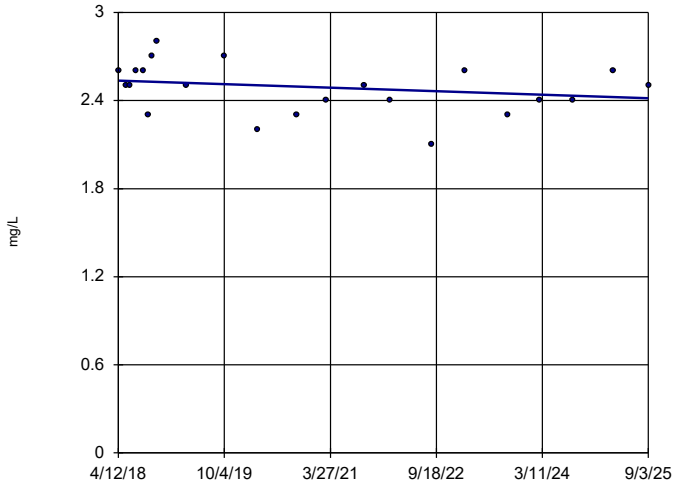
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-2D (bg)



n = 22

Slope = -0.0162 units per year.

Mann-Kendall statistic = -41 critical = -92

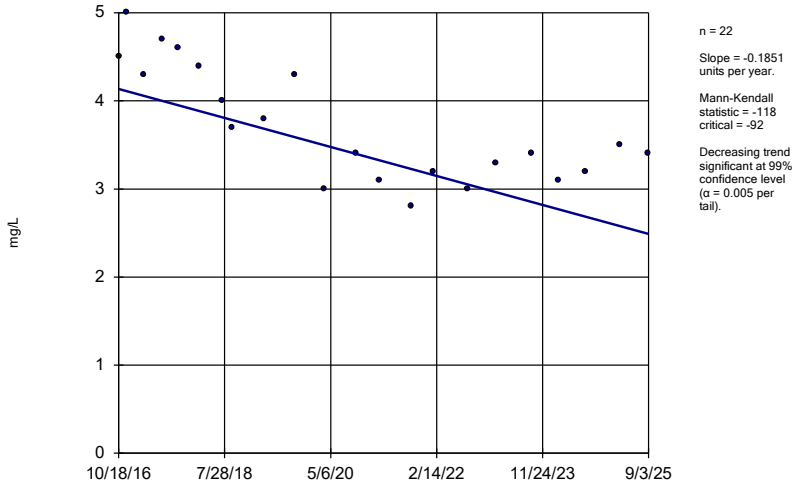
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-31 (bg)



n = 22

Slope = -0.1851 units per year.

Mann-Kendall statistic = -118 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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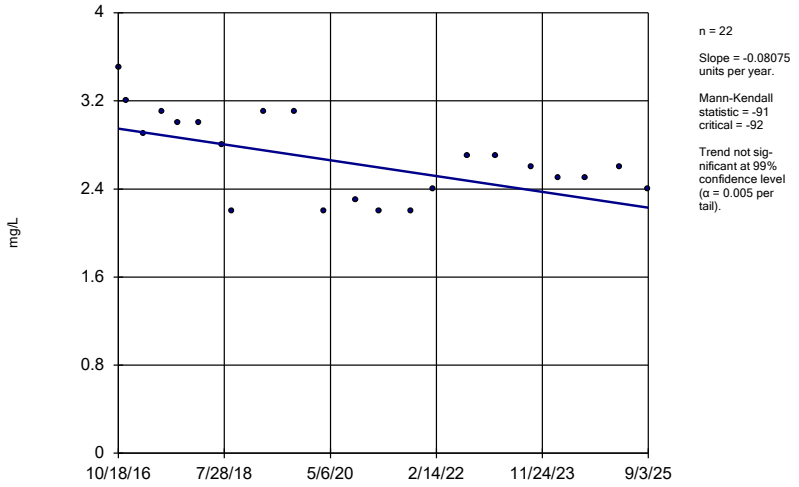
Sen's Slope Estimator

PZ-32 (bg)



n = 22

Slope = -0.08075 units per year.

Mann-Kendall statistic = -91 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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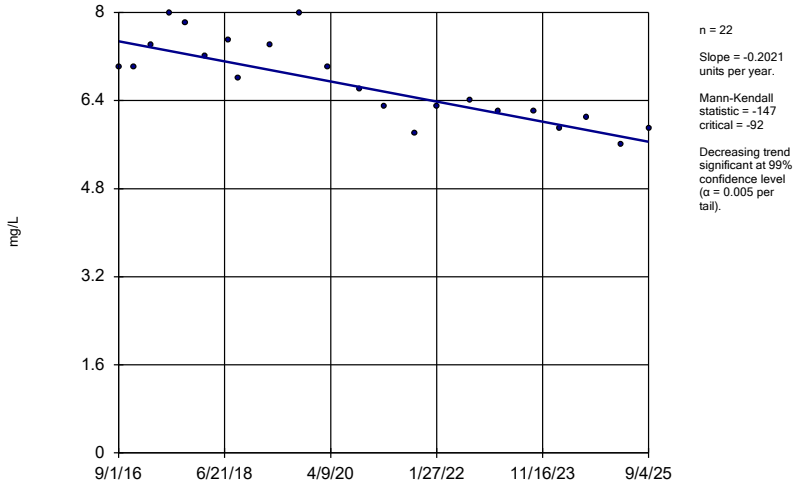
Sen's Slope Estimator

PZ-15



n = 22

Slope = -0.2021 units per year.

Mann-Kendall statistic = -147 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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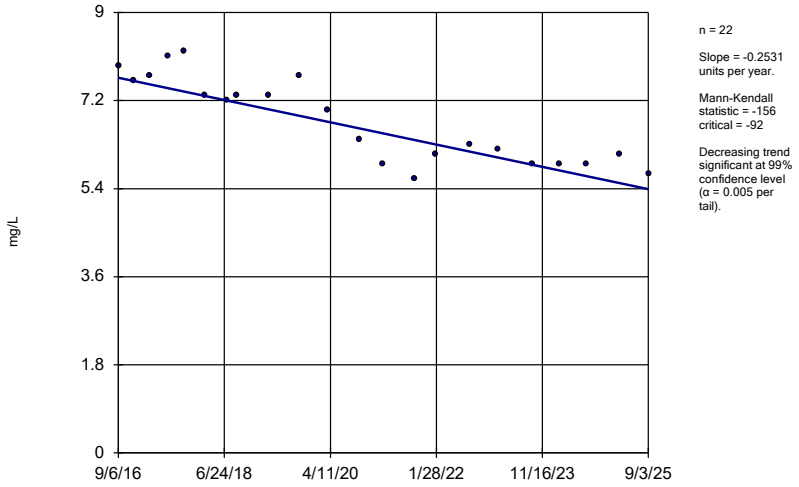
Sen's Slope Estimator

PZ-16



n = 22

Slope = -0.2531 units per year.

Mann-Kendall statistic = -156 critical = -92

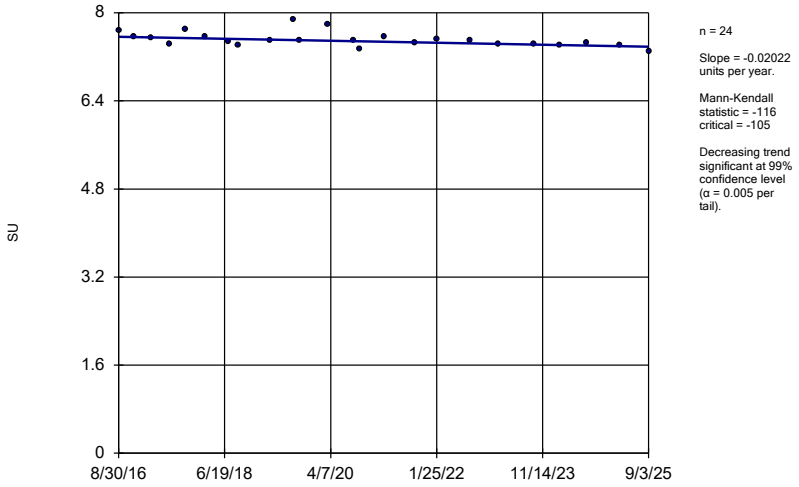
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Chloride Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-1D (bg)



n = 24

Slope = -0.02022 units per year.

Mann-Kendall statistic = -116
critical = -105

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

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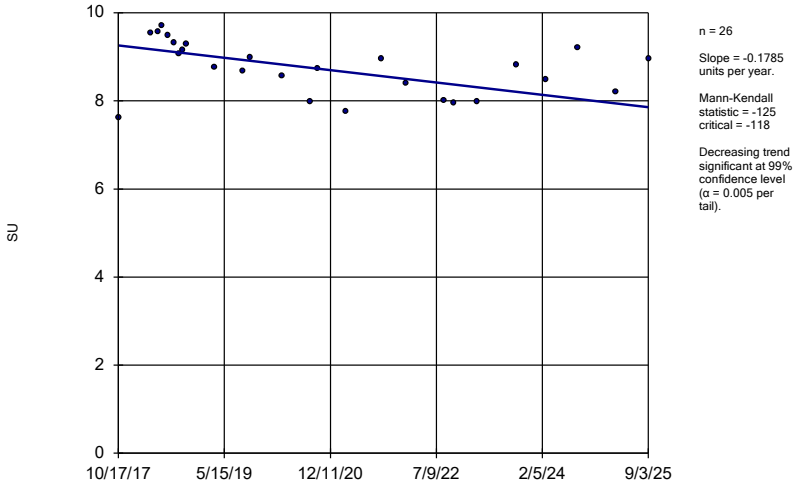
Sen's Slope Estimator

PZ-2D (bg)



n = 26

Slope = -0.1785 units per year.

Mann-Kendall statistic = -125
critical = -118

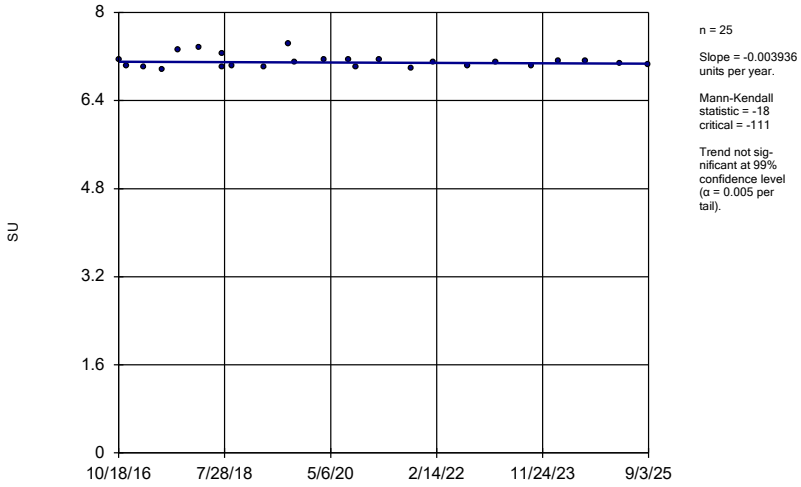
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

PZ-31 (bg)



n = 25

Slope = -0.003936 units per year.

Mann-Kendall statistic = -18
critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

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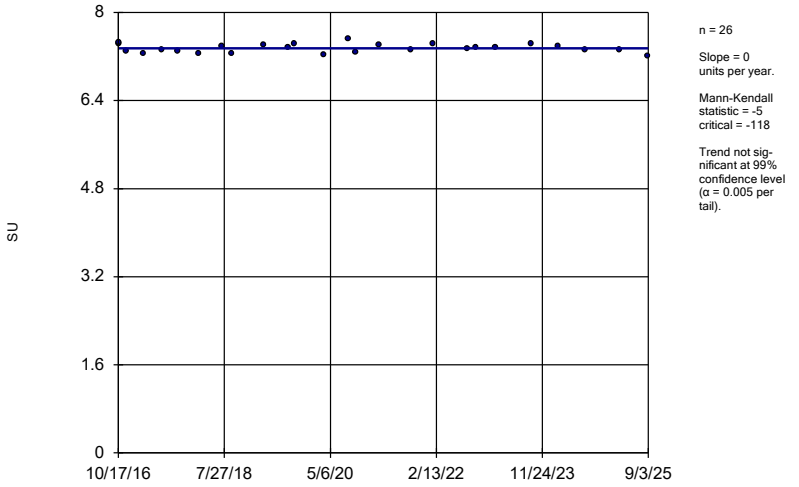
Sen's Slope Estimator

PZ-32 (bg)



n = 26

Slope = 0 units per year.

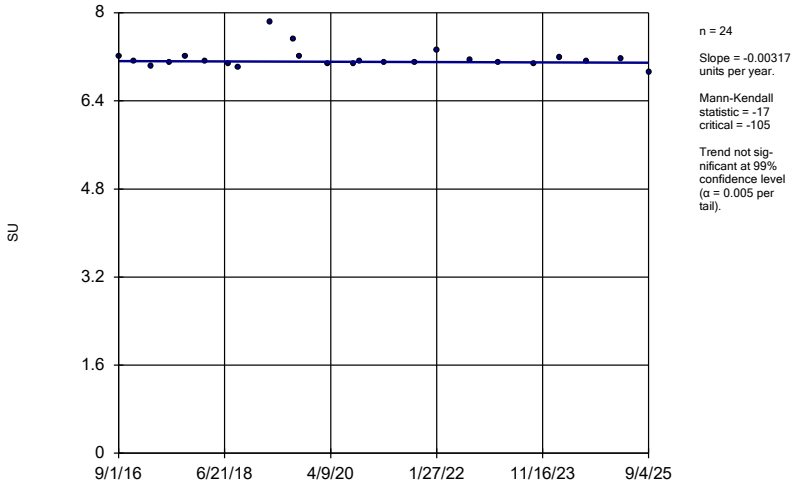
Mann-Kendall statistic = -5
critical = -118

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-15



n = 24

Slope = -0.00317 units per year.

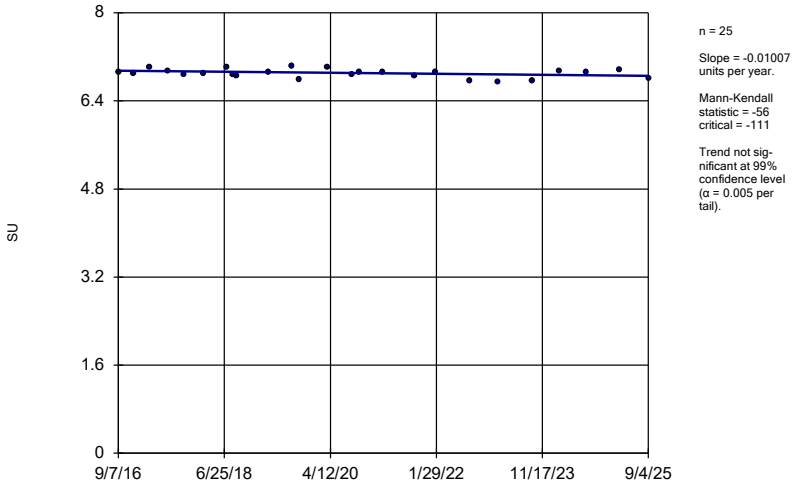
Mann-Kendall statistic = -17
critical = -105

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-18



n = 25

Slope = -0.01007 units per year.

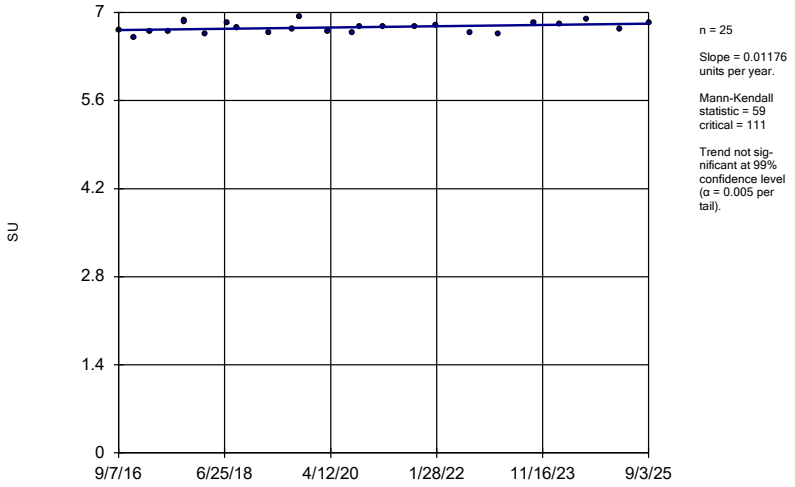
Mann-Kendall statistic = -56
critical = -111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-19



n = 25

Slope = 0.01176 units per year.

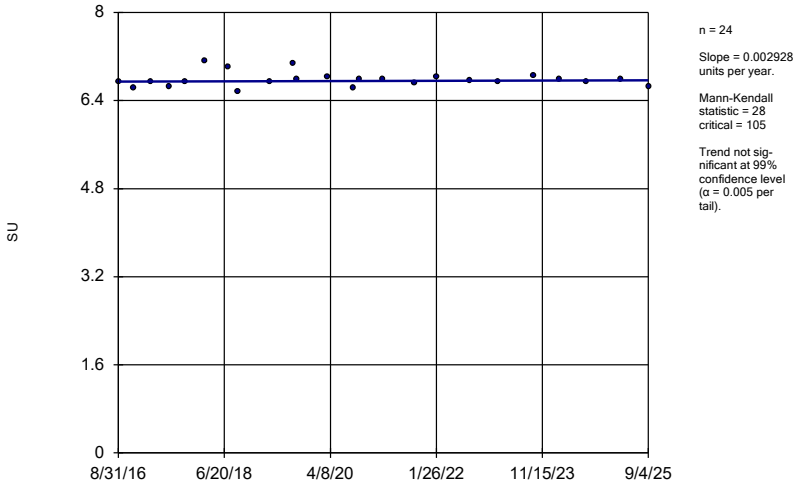
Mann-Kendall statistic = 59
critical = 111

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-23A



n = 24

Slope = 0.002928 units per year.

Mann-Kendall statistic = 28
critical = 105

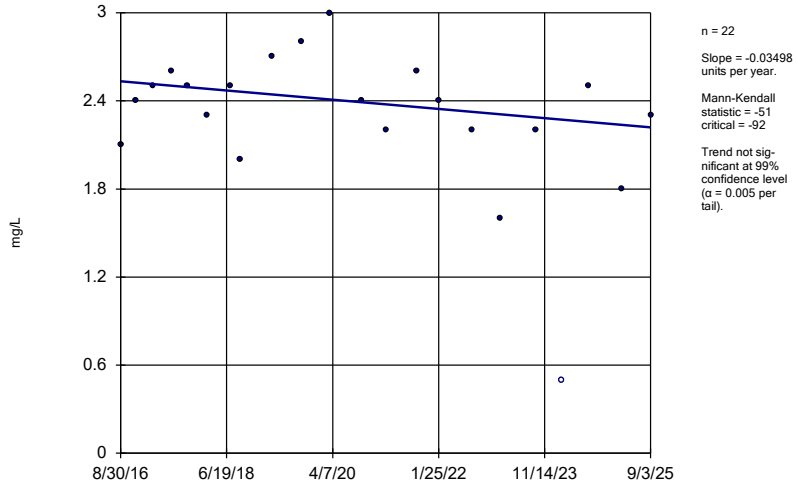
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: pH, Field Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Hollow symbols indicate censored values.

Sen's Slope Estimator

PZ-1D (bg)



n = 22

Slope = -0.03498 units per year.

Mann-Kendall statistic = -51 critical = -92

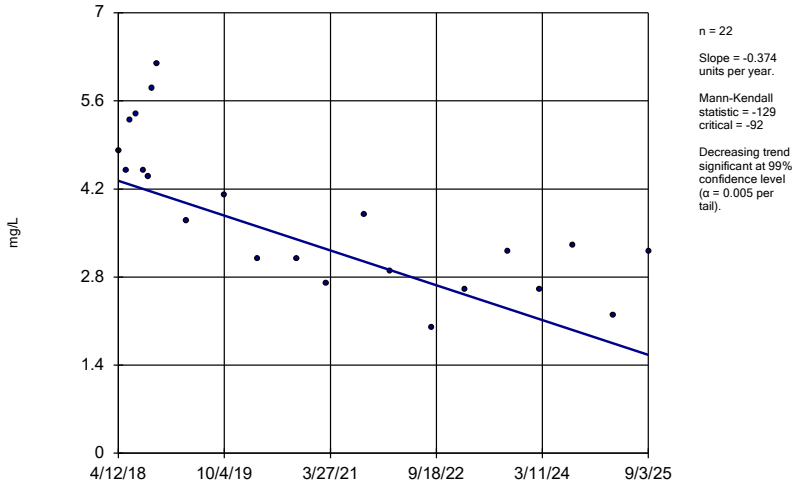
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-2D (bg)



n = 22

Slope = -0.374 units per year.

Mann-Kendall statistic = -129 critical = -92

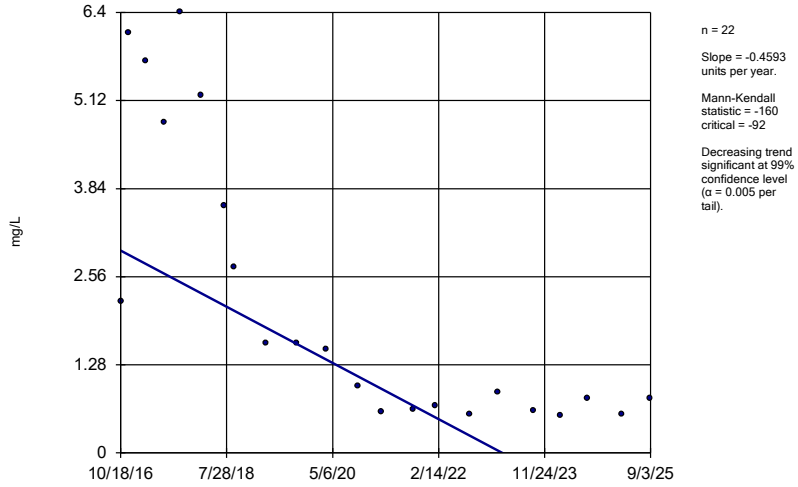
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-31 (bg)



n = 22

Slope = -0.4593 units per year.

Mann-Kendall statistic = -160 critical = -92

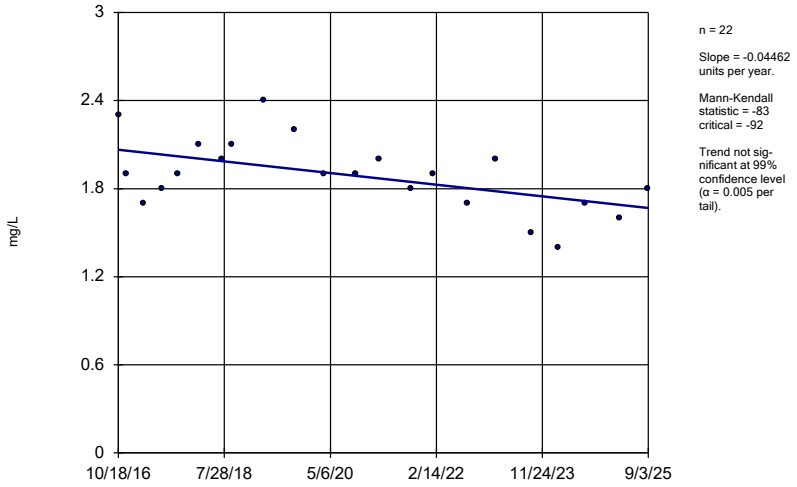
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-32 (bg)



n = 22

Slope = -0.04462 units per year.

Mann-Kendall statistic = -83 critical = -92

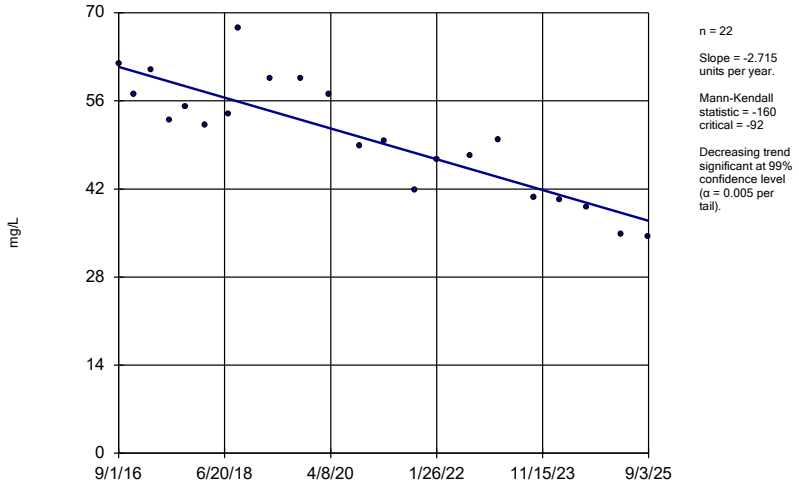
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-7D



n = 22

Slope = -2.715 units per year.

Mann-Kendall statistic = -160 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

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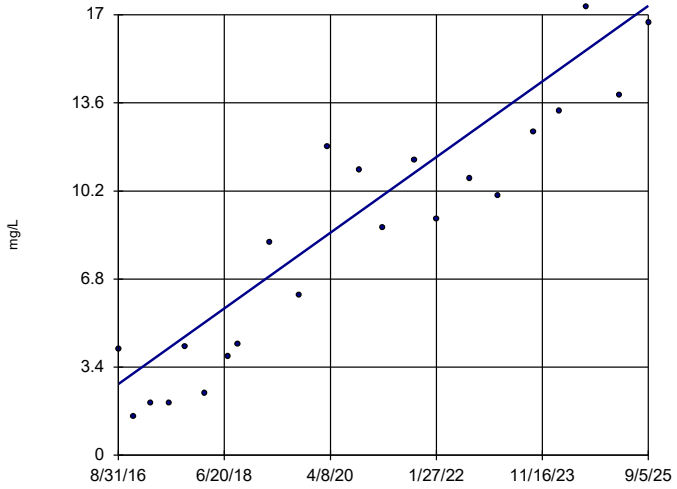
Sen's Slope Estimator

PZ-14



n = 22

Slope = 1.619 units per year.

Mann-Kendall statistic = 182 critical = 92

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

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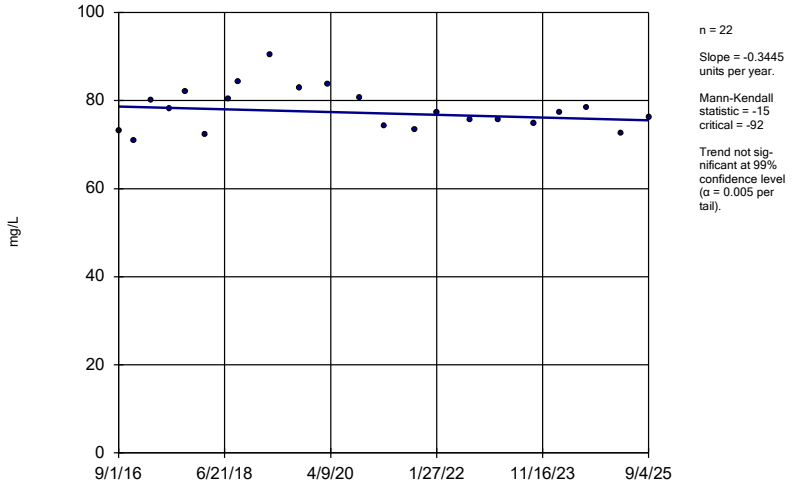
Sen's Slope Estimator

PZ-15



n = 22

Slope = -0.3445 units per year.

Mann-Kendall statistic = -15 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

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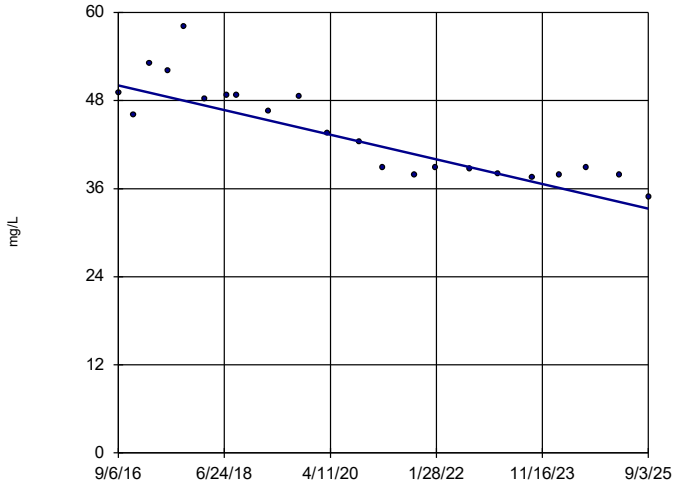
Sen's Slope Estimator

PZ-16



n = 22

Slope = -1.866 units per year.

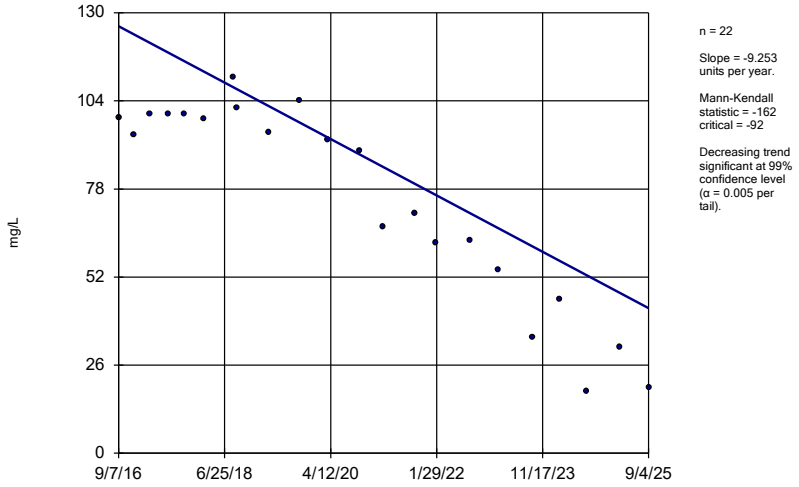
Mann-Kendall statistic = -173 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-17



n = 22

Slope = -9.253 units per year.

Mann-Kendall statistic = -162 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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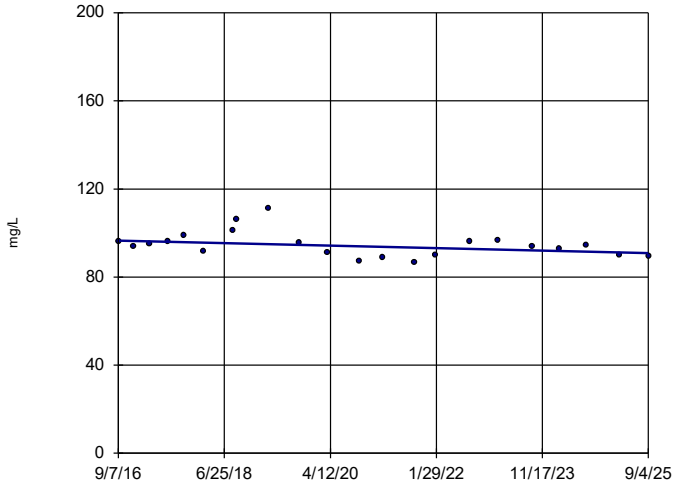
Sen's Slope Estimator

PZ-18



n = 22

Slope = -0.6222 units per year.

Mann-Kendall statistic = -59 critical = -92

Trend not significant at 99% confidence level (α = 0.005 per tail).

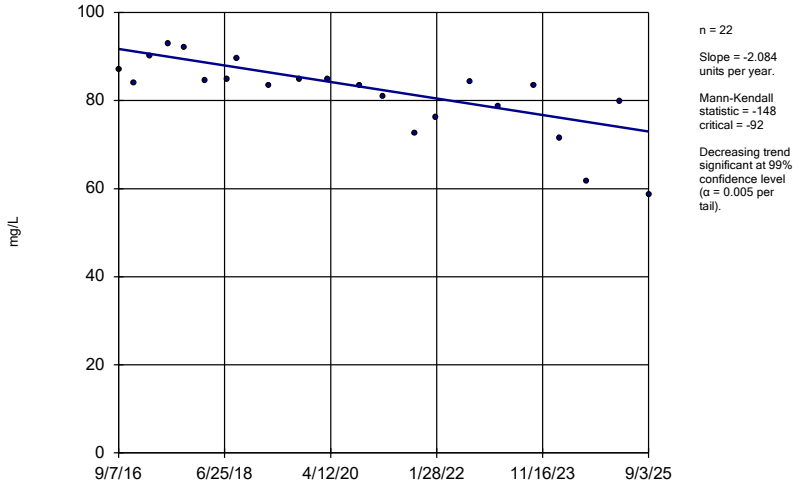
Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

PZ-19



n = 22

Slope = -2.084 units per year.

Mann-Kendall statistic = -148 critical = -92

Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

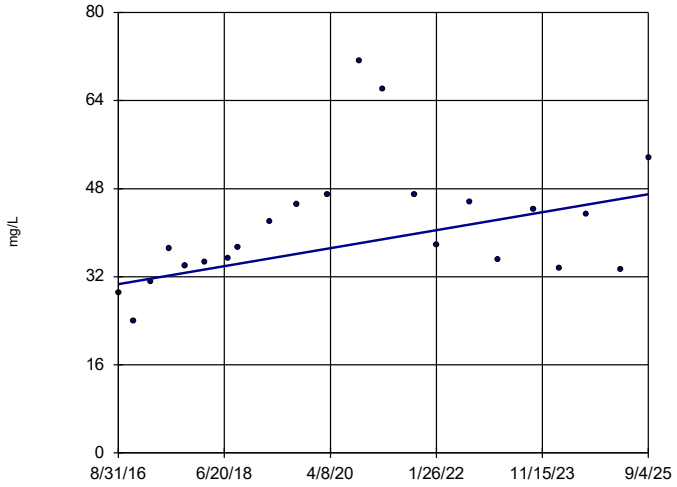
Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

PZ-23A



n = 22

Slope = 1.809 units per year.

Mann-Kendall statistic = 79 critical = 92

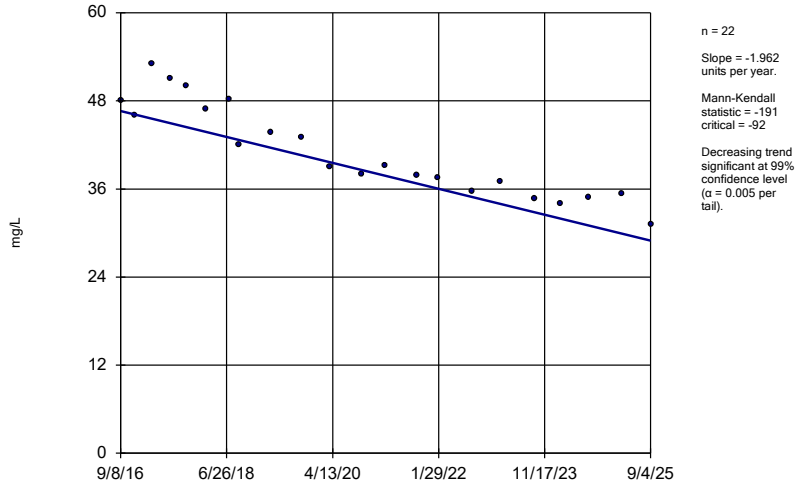
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-25



n = 22

Slope = -1.962 units per year.

Mann-Kendall statistic = -191 critical = -92

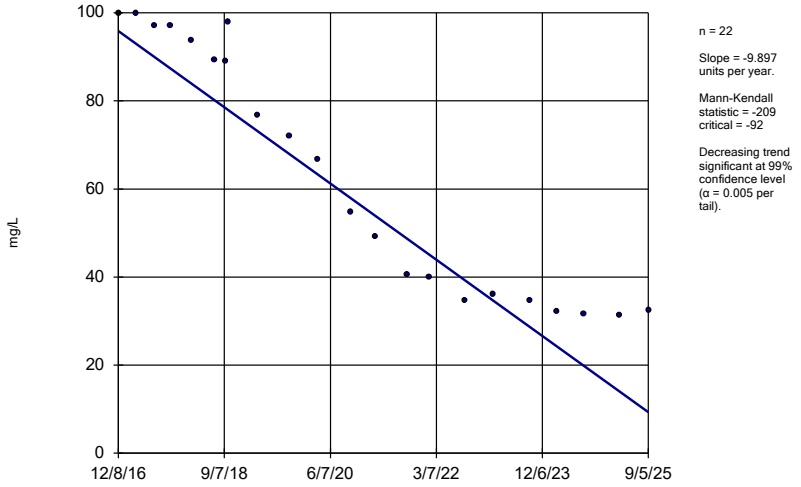
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-33



n = 22

Slope = -9.897 units per year.

Mann-Kendall statistic = -209 critical = -92

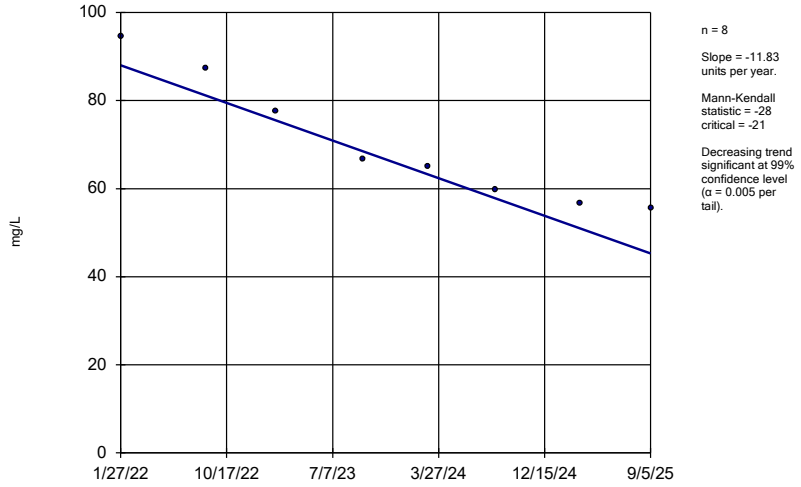
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-57



n = 8

Slope = -11.83 units per year.

Mann-Kendall statistic = -28 critical = -21

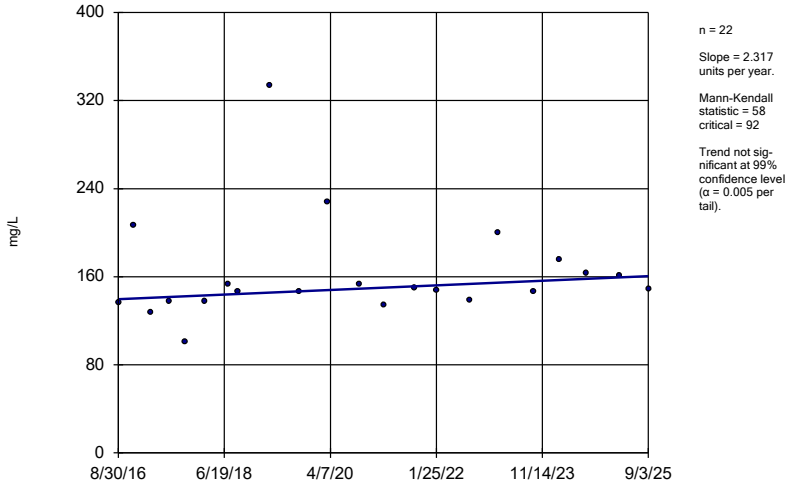
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: Sulfate Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-1D (bg)



n = 22

Slope = 2.317 units per year.

Mann-Kendall statistic = 58 critical = 92

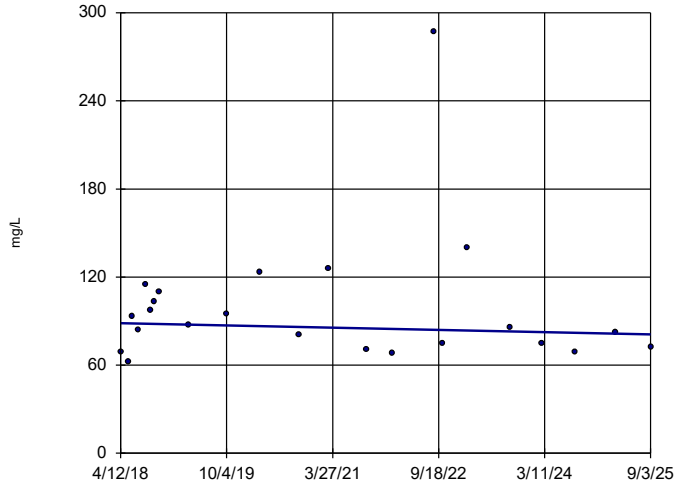
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-2D (bg)



n = 23

Slope = -1.035 units per year.

Mann-Kendall statistic = -13 critical = -98

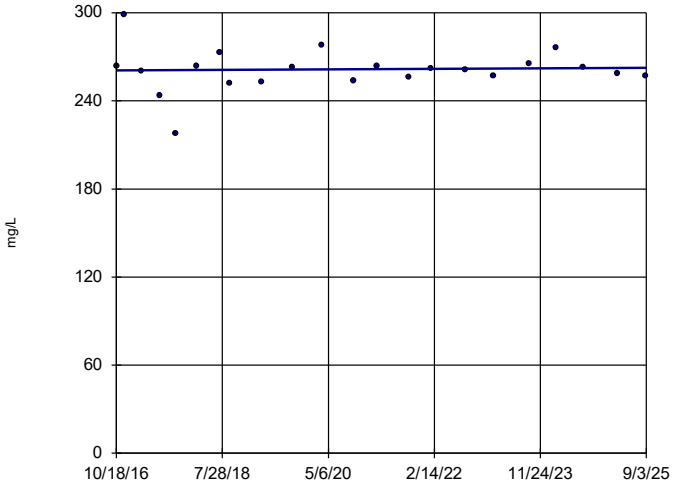
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-31 (bg)



n = 22

Slope = 0.1792 units per year.

Mann-Kendall statistic = 8 critical = 92

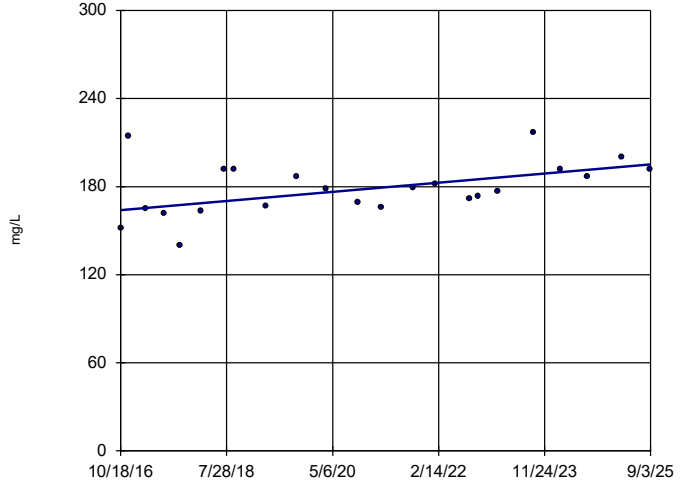
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-32 (bg)



n = 23

Slope = 3.51 units per year.

Mann-Kendall statistic = 98 critical = 98

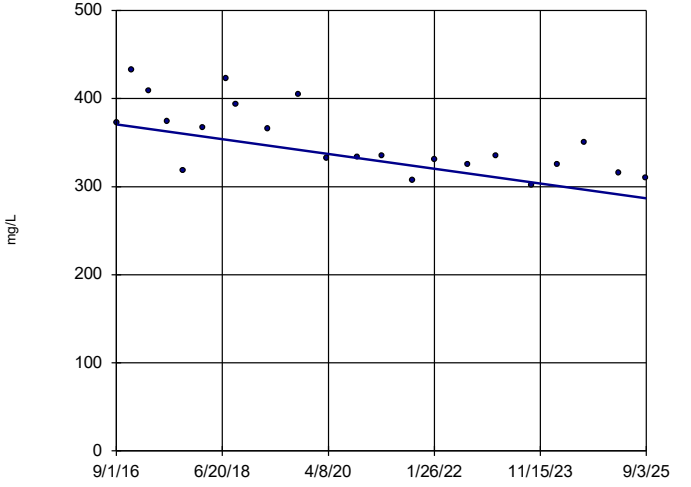
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-7D



n = 22

Slope = -9.313 units per year.

Mann-Kendall statistic = -123 critical = -92

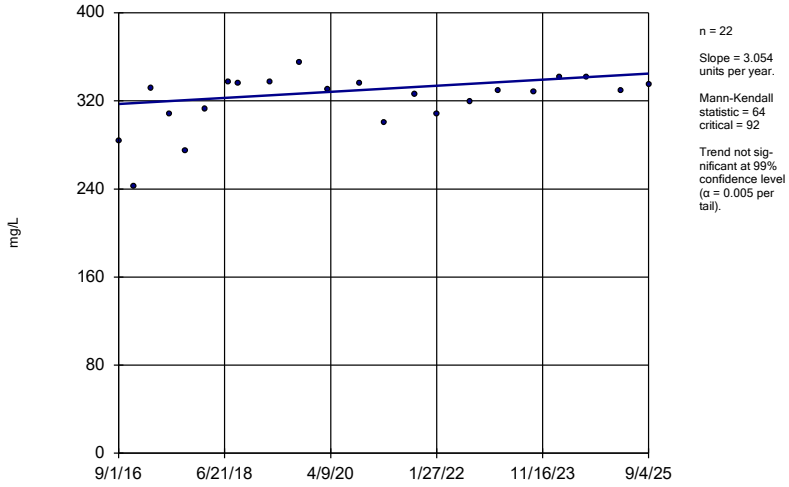
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-15



n = 22

Slope = 3.054 units per year.

Mann-Kendall statistic = 64 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

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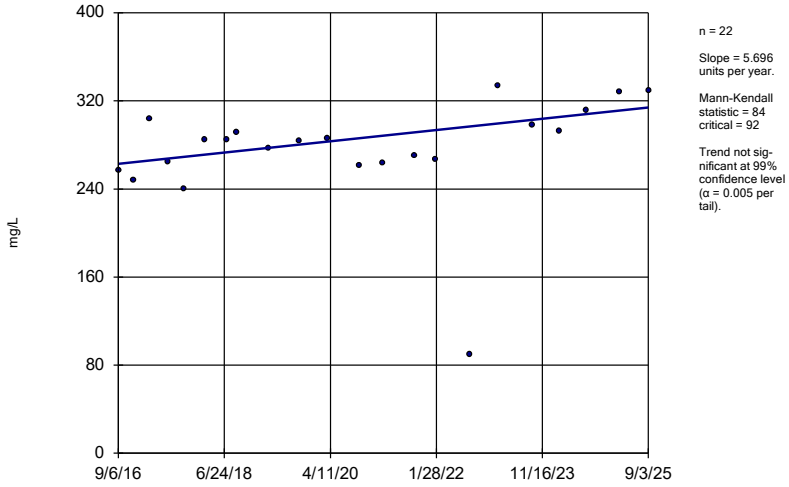
Sen's Slope Estimator

PZ-16



n = 22

Slope = 5.696 units per year.

Mann-Kendall statistic = 84 critical = 92

Trend not significant at 99% confidence level (α = 0.005 per tail).

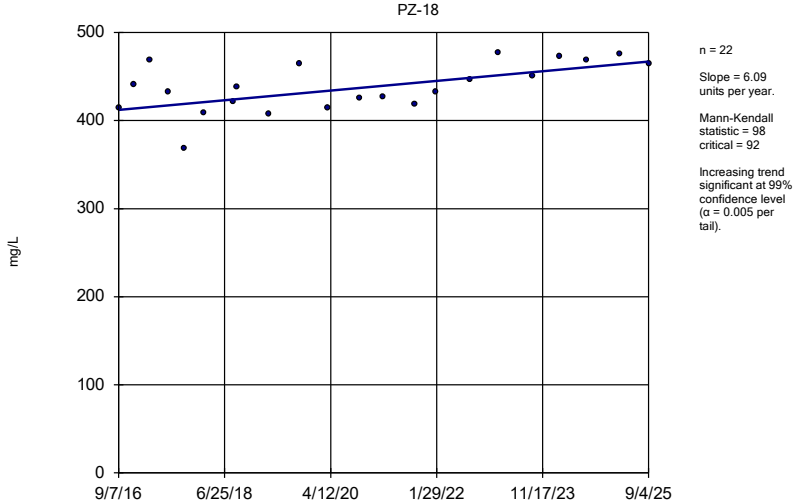
Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

PZ-18



n = 22

Slope = 6.09 units per year.

Mann-Kendall statistic = 98 critical = 92

Increasing trend significant at 99% confidence level (α = 0.005 per tail).

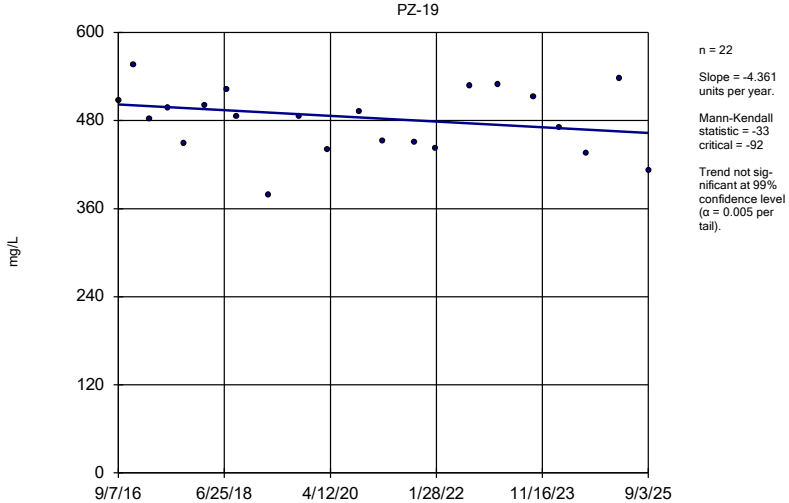
Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

PZ-19



n = 22

Slope = -4.361 units per year.

Mann-Kendall statistic = -33 critical = -92

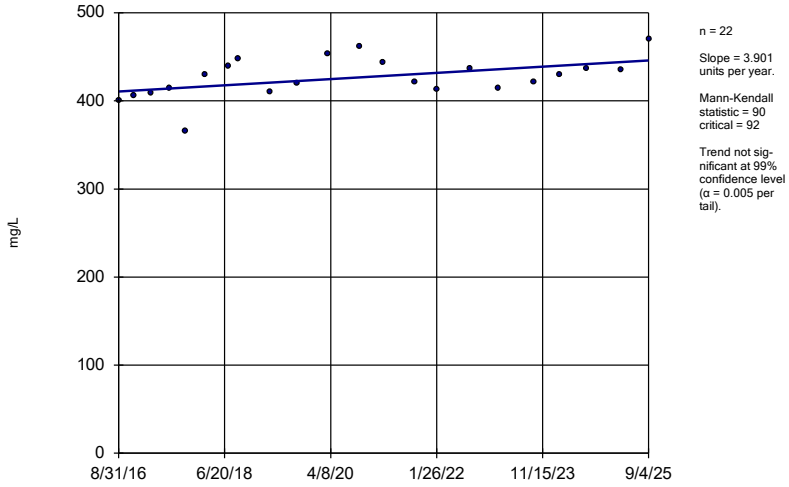
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sen's Slope Estimator

PZ-23A



n = 22

Slope = 3.901 units per year.

Mann-Kendall statistic = 90
critical = 92

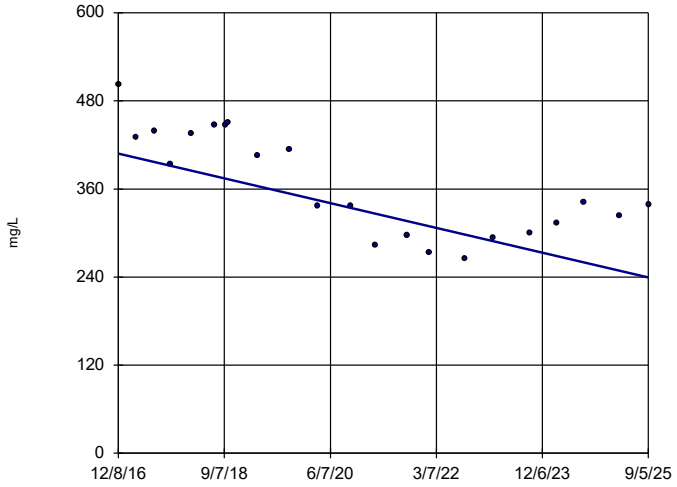
Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

PZ-33



n = 22

Slope = -19.3 units per year.

Mann-Kendall statistic = -106
critical = -92

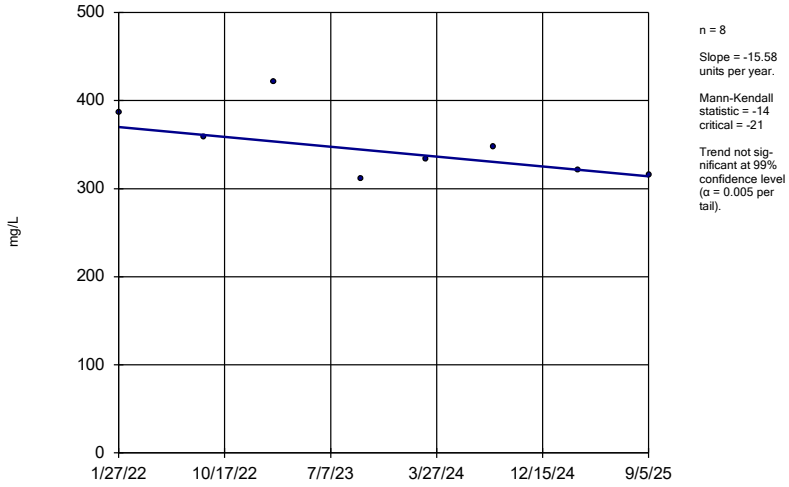
Decreasing trend significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.03a Software licensed to Groundwater Stats Consulting. UG

Sen's Slope Estimator

PZ-57



n = 8

Slope = -15.58 units per year.

Mann-Kendall statistic = -14
critical = -21

Trend not significant at 99% confidence level (α = 0.005 per tail).

Constituent: TDS Analysis Run 2/9/2026 9:50 AM View: Appendix III Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell AP

FIGURE F.

Upper Tolerance Limits Summary Table

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/12/2025, 5:15 PM

Constituent	Upper Lim.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.0042	n/a	92	n/a	n/a	59.78	n/a	n/a	0.008924	NP Inter(NDs)
Arsenic (mg/L)	0.0022	n/a	84	n/a	n/a	88.1	n/a	n/a	0.01345	NP Inter(NDs)
Barium (mg/L)	0.04159	n/a	92	-4.506	0.6838	1.087	None	ln(x)	0.05	Inter
Beryllium (mg/L)	0.0004	n/a	76	n/a	n/a	97.37	n/a	n/a	0.02028	NP Inter(NDs)
Cadmium (mg/L)	0.0005	n/a	76	n/a	n/a	98.68	n/a	n/a	0.02028	NP Inter(NDs)
Chromium (mg/L)	0.011	n/a	92	n/a	n/a	29.35	n/a	n/a	0.008924	NP Inter(normality)
Cobalt (mg/L)	0.005	n/a	92	n/a	n/a	96.74	n/a	n/a	0.008924	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	1.528	n/a	92	0.7037	0.2746	0	None	sqrt(x)	0.05	Inter
Fluoride (mg/L)	0.29	n/a	96	n/a	n/a	50	n/a	n/a	0.007269	NP Inter(normality)
Lead (mg/L)	0.001	n/a	92	n/a	n/a	83.7	n/a	n/a	0.008924	NP Inter(NDs)
Lithium (mg/L)	0.0025	n/a	92	n/a	n/a	78.26	n/a	n/a	0.008924	NP Inter(NDs)
Mercury (mg/L)	0.0002	n/a	84	n/a	n/a	92.86	n/a	n/a	0.01345	NP Inter(NDs)
Molybdenum (mg/L)	0.01	n/a	92	n/a	n/a	79.35	n/a	n/a	0.008924	NP Inter(NDs)
Selenium (mg/L)	0.005	n/a	92	n/a	n/a	100	n/a	n/a	0.008924	NP Inter(NDs)
Thallium (mg/L)	0.0005	n/a	92	n/a	n/a	91.3	n/a	n/a	0.008924	NP Inter(NDs)

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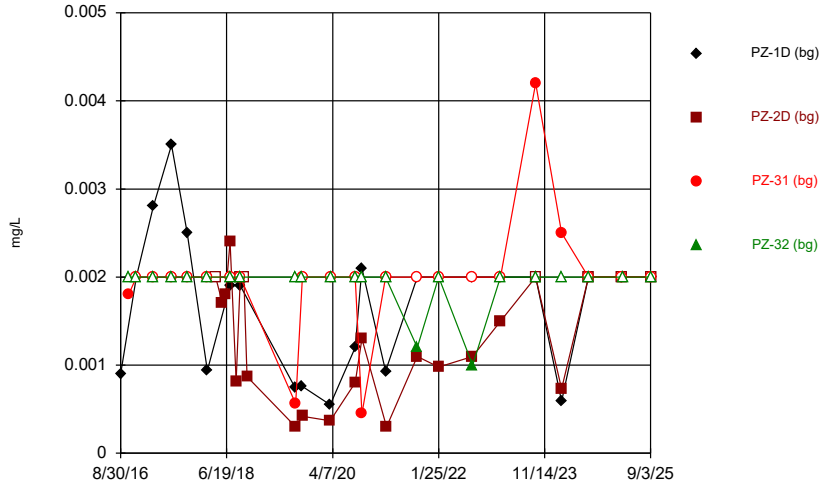
Hollow symbols indicate censored values.

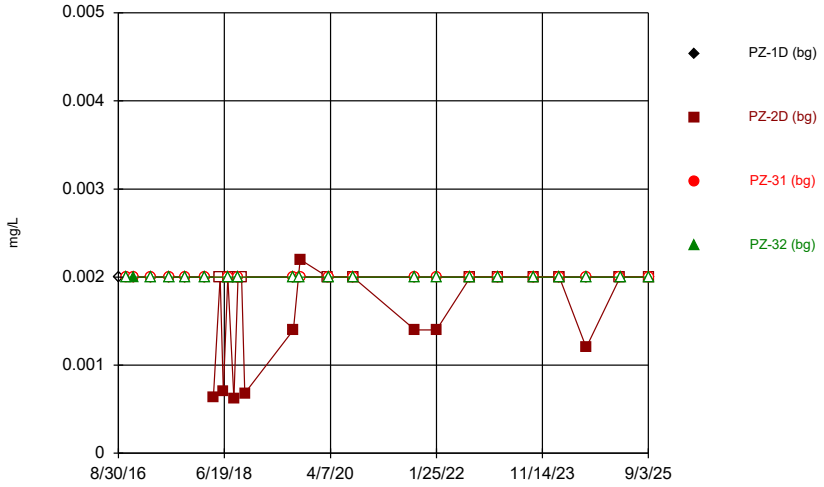
Time Series



Constituent: Antimony Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

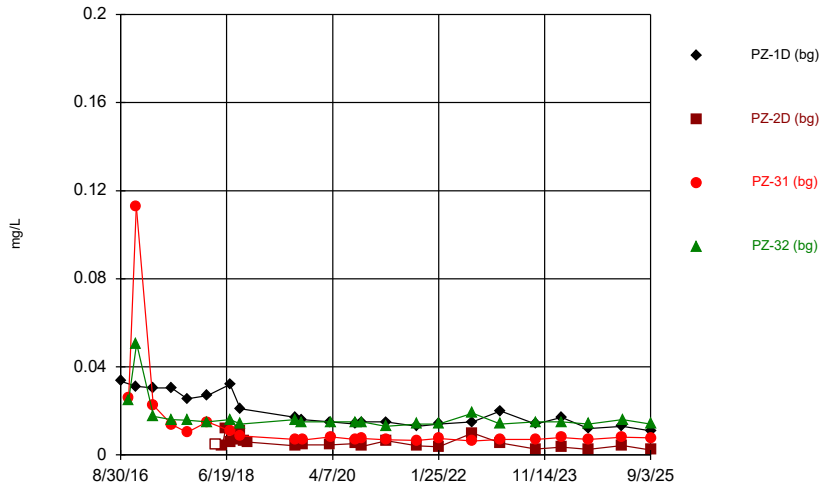
Time Series



Constituent: Arsenic Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

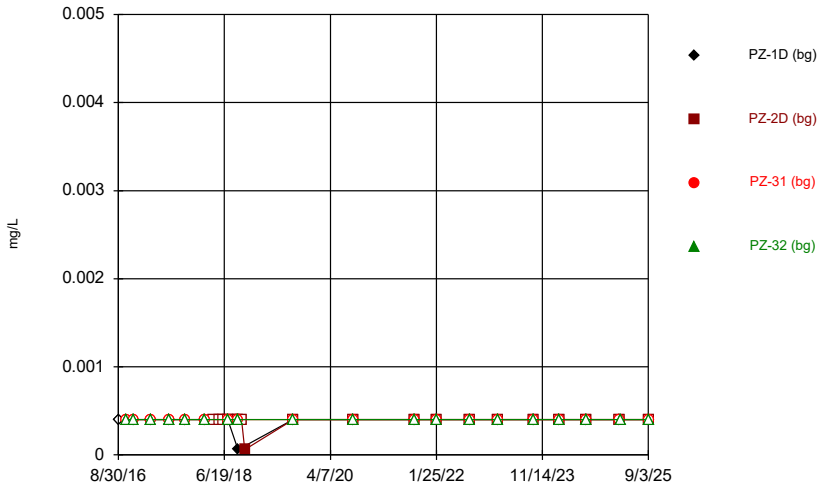
Time Series



Constituent: Barium Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

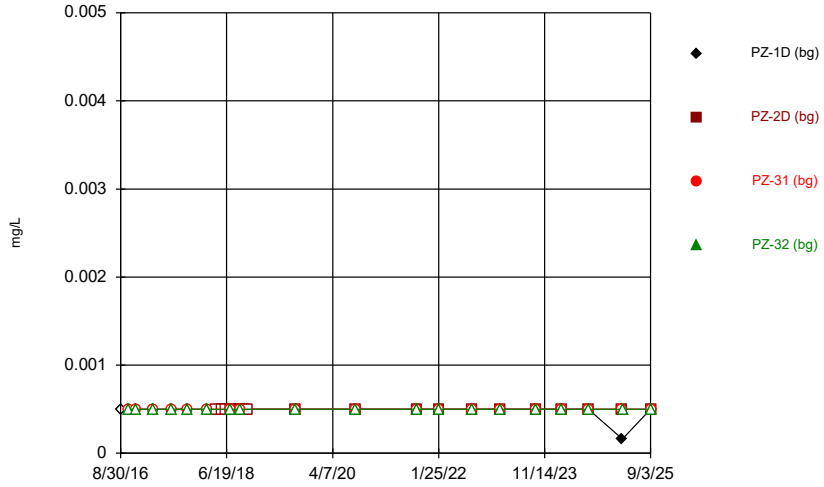
Time Series



Constituent: Beryllium Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

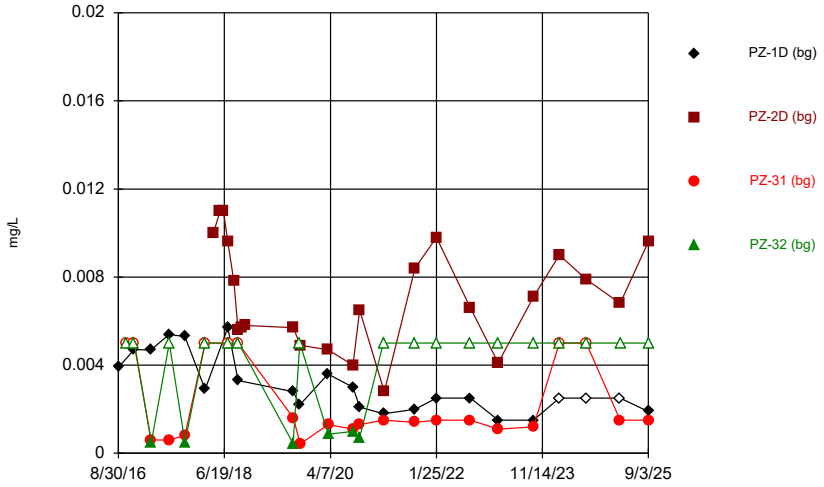
Time Series



Constituent: Cadmium Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

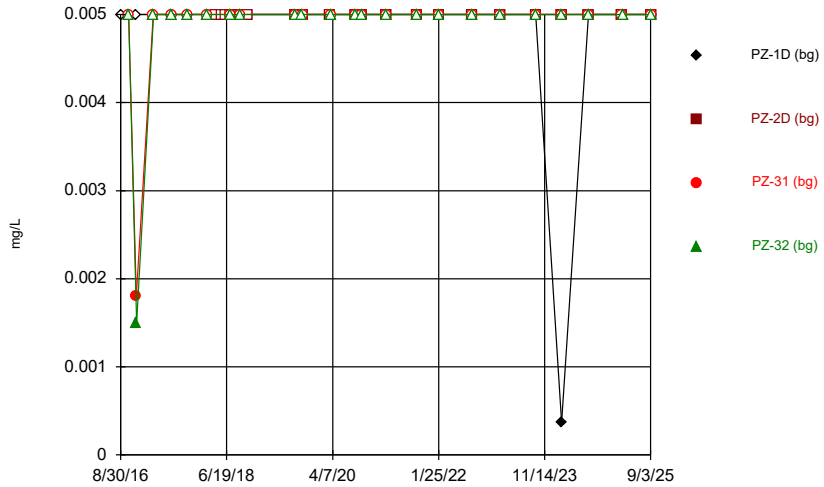
Time Series



Constituent: Chromium Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

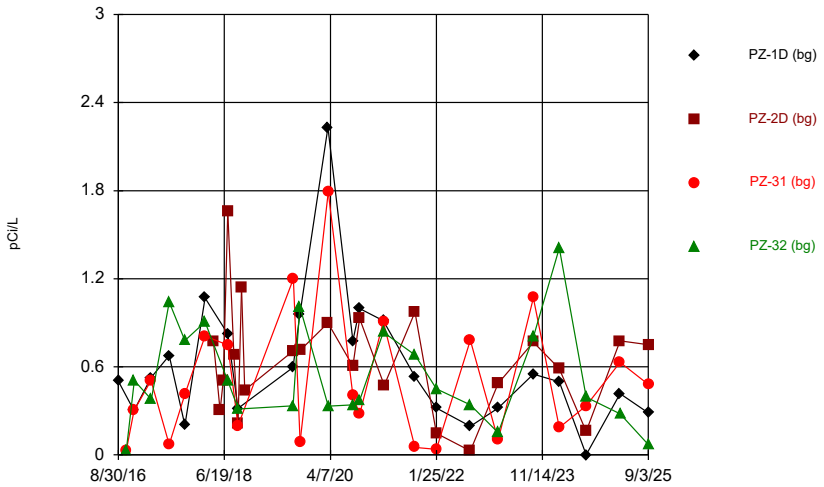
Time Series



Constituent: Cobalt Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

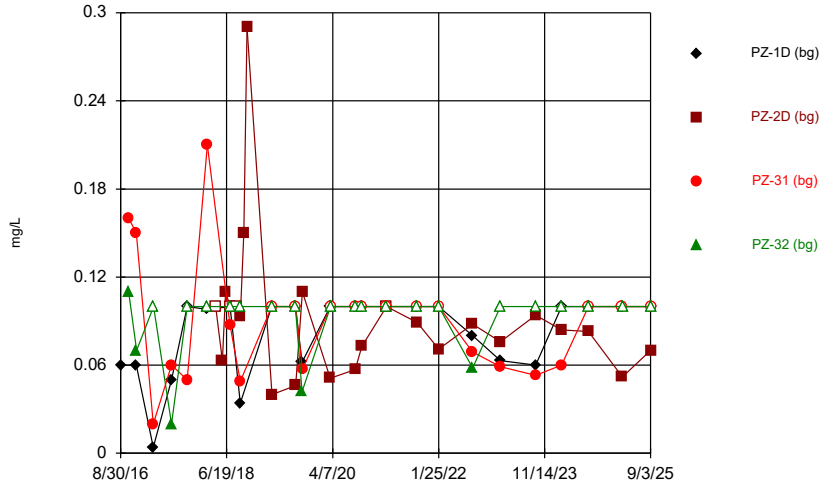
Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

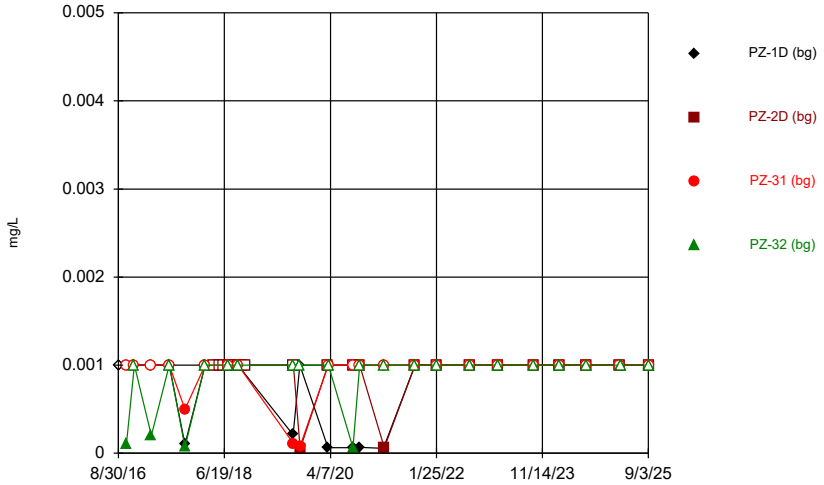
Time Series



Constituent: Fluoride Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

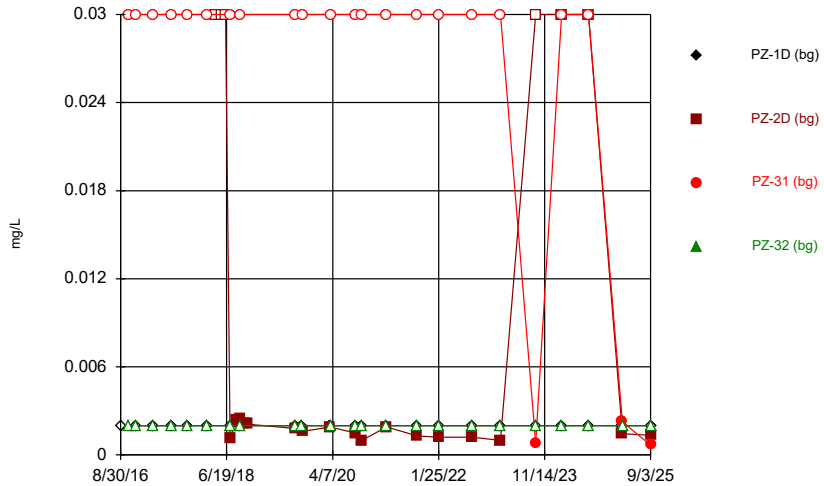
Time Series



Constituent: Lead Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

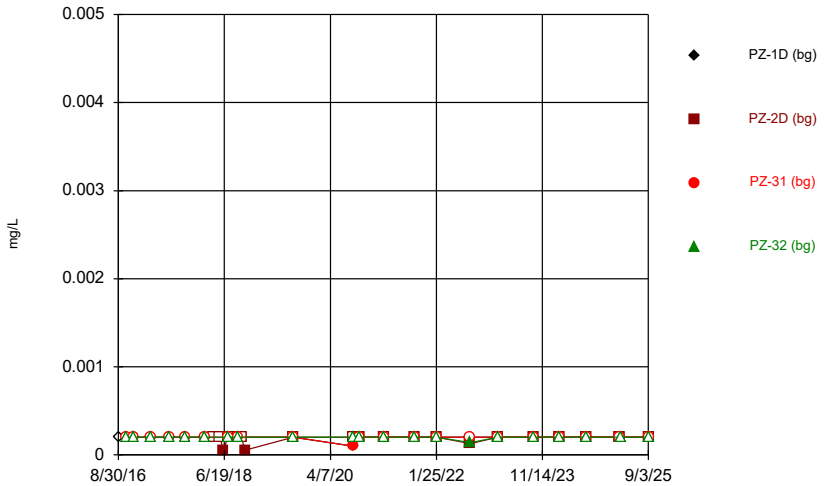
Time Series



Constituent: Lithium Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

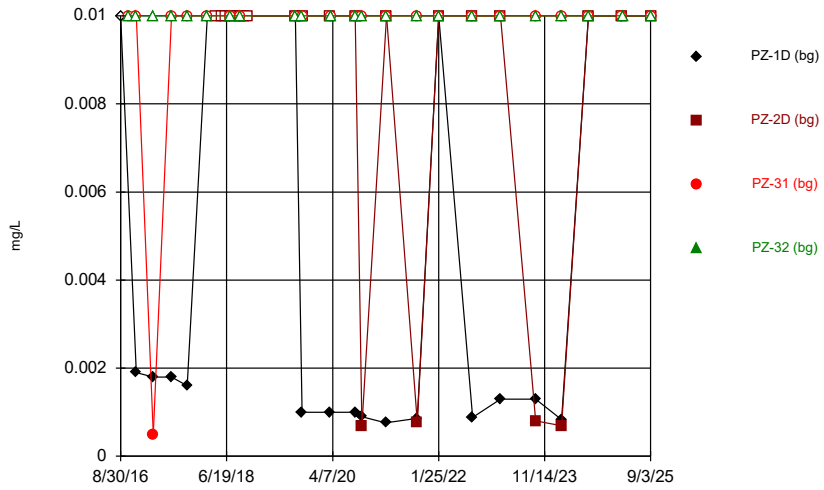
Time Series



Constituent: Mercury Analysis Run 10/12/2025 5:13 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

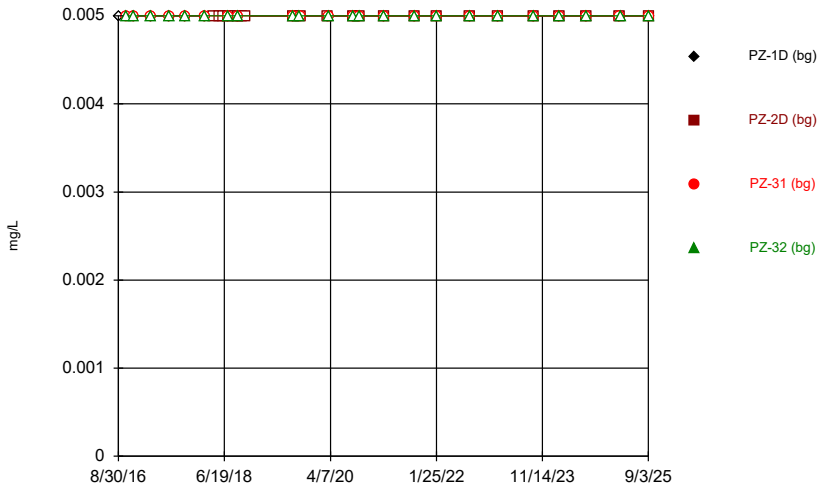
Time Series



Constituent: Molybdenum Analysis Run 10/12/2025 5:14 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

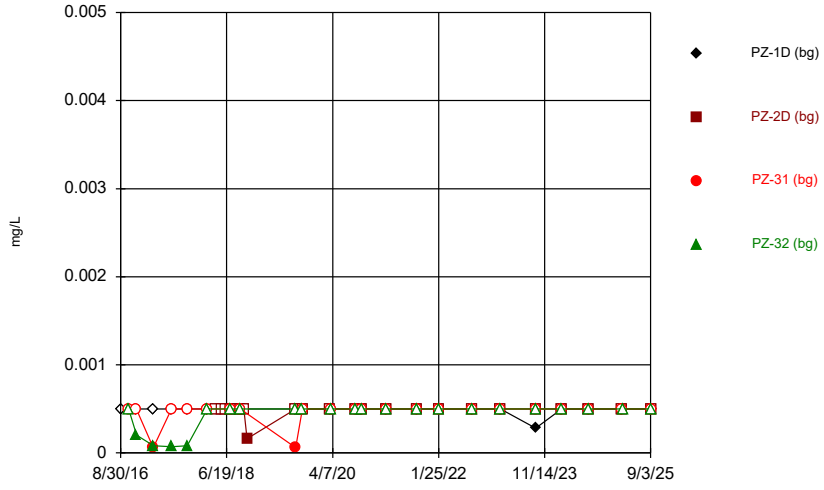
Time Series



Constituent: Selenium Analysis Run 10/12/2025 5:14 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG
Hollow symbols indicate censored values.

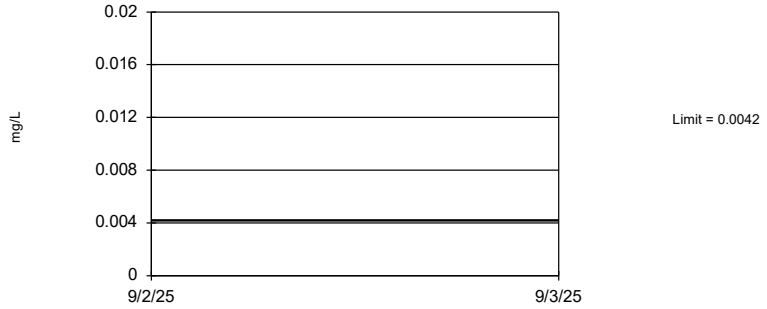
Time Series



Constituent: Thallium Analysis Run 10/12/2025 5:14 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric



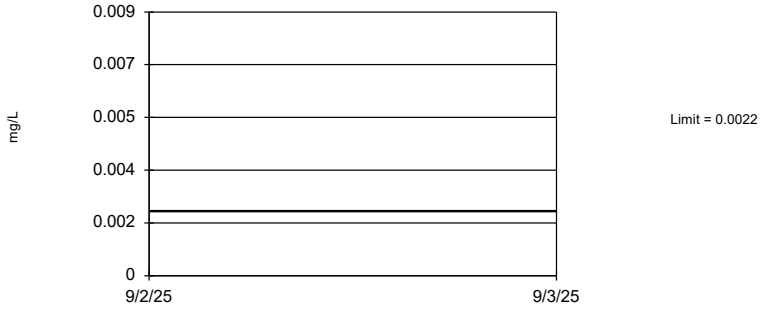
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 92 background values. 59.78% NDs. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Antimony Analysis Run 10/12/2025 5:15 PM View: UTLs

Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric



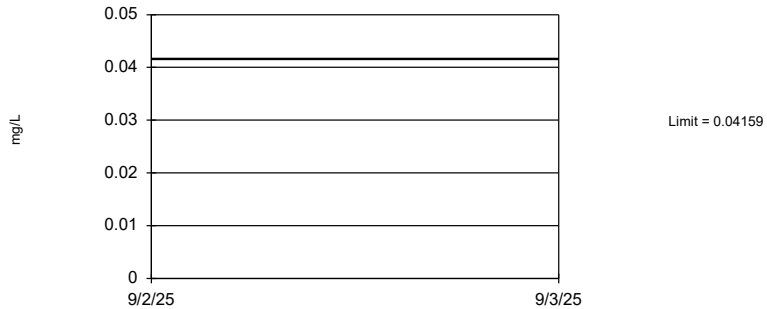
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 84 background values. 88.1% NDs. 94.73% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.02% coverage at alpha=0.5. Report alpha = 0.01345.

Constituent: Arsenic Analysis Run 10/12/2025 5:15 PM View: UTLs

Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Parametric



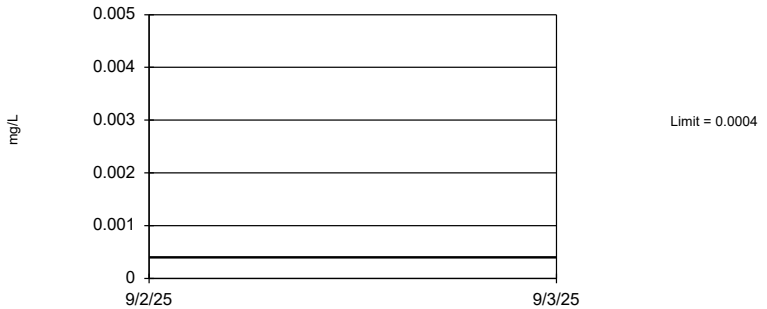
95% coverage. Background Data Summary (based on natural log transformation): Mean=-4.506, Std. Dev.=0.6838, n=92, 1.087% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9643, critical = 0.962. Report alpha = 0.05.

Constituent: Barium Analysis Run 10/12/2025 5:15 PM View: UTLs

Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric



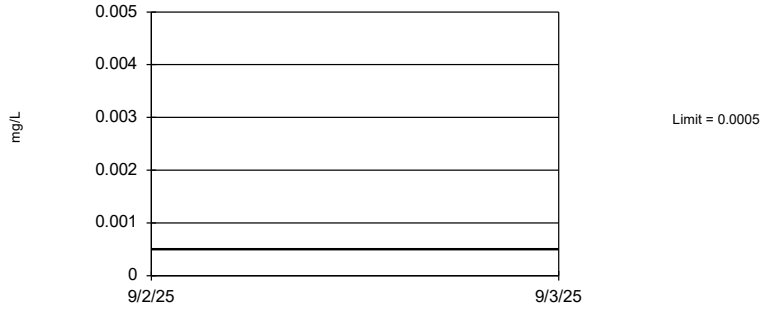
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 76 background values. 97.37% NDs. 93.95% coverage at alpha=0.01; 96.29% coverage at alpha=0.05; 99.02% coverage at alpha=0.5. Report alpha = 0.02028.

Constituent: Beryllium Analysis Run 10/12/2025 5:15 PM View: UTLs

Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric

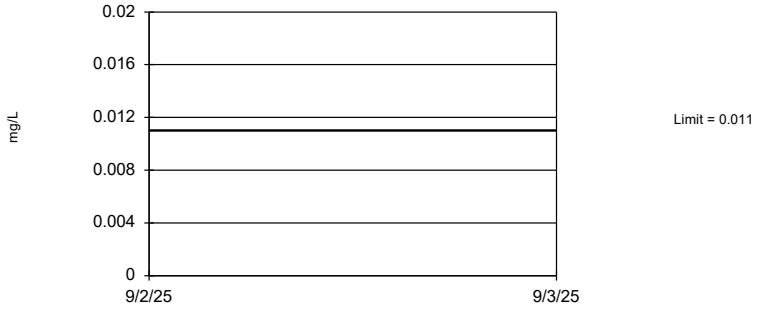


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 76 background values. 98.68% NDs. 93.95% coverage at alpha=0.01; 96.29% coverage at alpha=0.05; 99.02% coverage at alpha=0.5. Report alpha = 0.02028.

Constituent: Cadmium Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 92 background values. 29.35% NDs. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Chromium Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

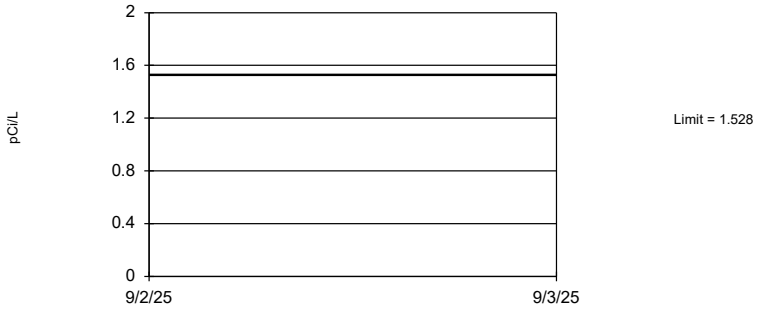
Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 92 background values. 96.74% NDs. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Cobalt Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Parametric

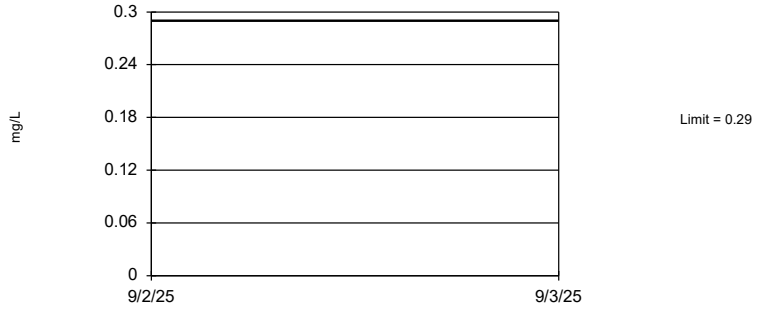


95% coverage. Background Data Summary (based on square root transformation): Mean=0.7037, Std. Dev.=0.2746, n=92. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.986, critical = 0.962. Report alpha = 0.05.

Constituent: Combined Radium 226 + 228 Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric

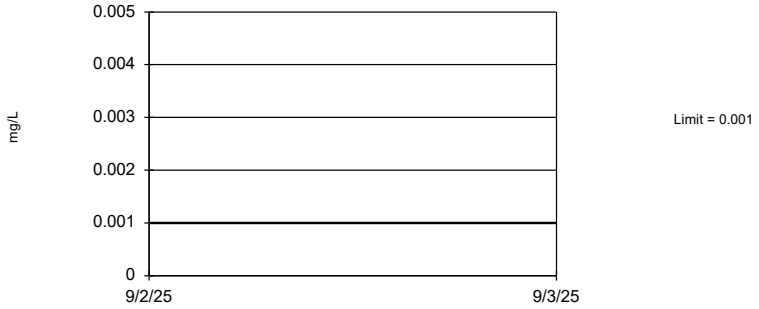


Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 96 background values. 50% NDs. 95.51% coverage at alpha=0.01; 97.07% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.007269.

Constituent: Fluoride Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric

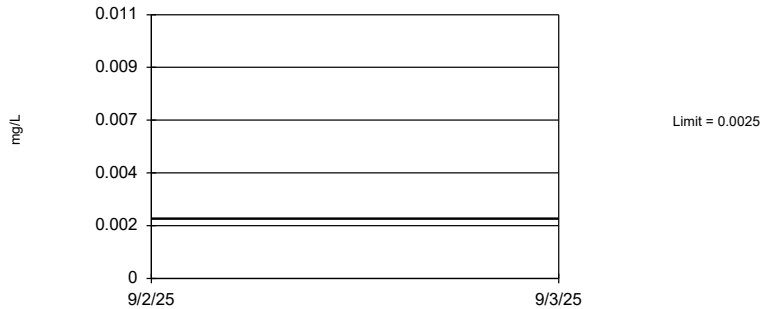


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 92 background values. 83.7% NDs. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Lead Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric

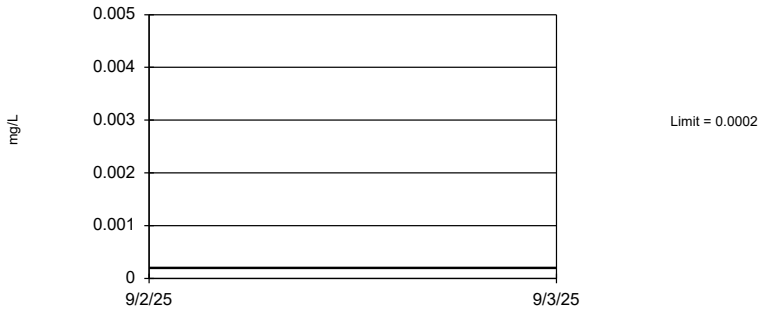


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 92 background values. 78.26% NDs. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Lithium Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 84 background values. 92.86% NDs. 94.73% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.02% coverage at alpha=0.5. Report alpha = 0.01345.

Constituent: Mercury Analysis Run 10/12/2025 5:15 PM View: UTLs
Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric

Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 92 background values. 79.35% NDs. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Molybdenum Analysis Run 10/12/2025 5:15 PM View: UTLs

Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric

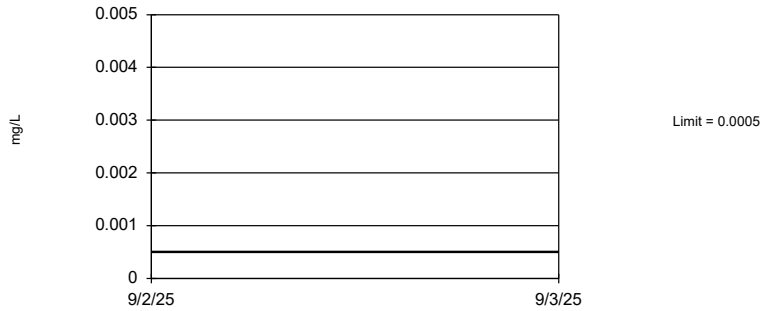
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. All background values were censored; limit is most recent reporting limit. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Selenium Analysis Run 10/12/2025 5:15 PM View: UTLs

Plant Mitchell Client: Southern Company Data: Mitchell AP

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Limit is highest of 92 background values. 91.3% NDs. 95.12% coverage at alpha=0.01; 96.68% coverage at alpha=0.05; 99.41% coverage at alpha=0.5. Report alpha = 0.008924.

Constituent: Thallium Analysis Run 10/12/2025 5:15 PM View: UTLs

Plant Mitchell Client: Southern Company Data: Mitchell AP

FIGURE G.

PLANT MITCHELL ASH POND GWPS				
Constituent Name	**MCL**	**CCR-Rule Specified**	**Background Limit**	**GWPS**
Antimony, Total (mg/L)	0.006		0.0042	0.006
Arsenic, Total (mg/L)	0.01		0.0022	0.01
Barium, Total (mg/L)	2		0.042	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		0.011	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.005	0.006
Combined Radium, Total (pCi/L)	5		1.53	5
Fluoride, Total (mg/L)	4		0.29	4
Lead, Total (mg/L)	n/a	0.015	0.001	0.015
Lithium, Total (mg/L)	n/a	0.04	0.0025	0.04
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

**MCL = Maximum Contaminant Level*

**CCR = Coal Combustion Residuals*

**GWPS = Groundwater Protection Standard*

FIGURE H.

Appendix IV Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/13/2025, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	PZ-7D	0.002	0.00089	0.006	No	23	0.001735	0.0005991	82.61	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-14	0.002	0.0004	0.006	No	23	0.00186	0.0004624	91.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-15	0.002	0.001	0.006	No	23	0.001897	0.0003476	91.3	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-16	0.002	0.00037	0.006	No	23	0.001929	0.0003399	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-17	0.002	0.00094	0.006	No	23	0.001777	0.0005021	82.61	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-18	0.004	0.0018	0.006	No	23	0.001985	0.0005558	82.61	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-19	0.002	0.00044	0.006	No	23	0.001932	0.0003253	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-23A	0.002	0.0017	0.006	No	23	0.001853	0.0004433	86.96	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-25	0.002	0.0014	0.006	No	23	0.001974	0.0001251	95.65	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-33	0.002	0.00082	0.006	No	23	0.001878	0.0004104	91.3	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-7D	0.002	0.0012	0.01	No	21	0.001962	0.0001746	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-14	0.002	0.00083	0.01	No	21	0.001944	0.0002553	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-15	0.002	0.0011	0.01	No	21	0.001838	0.0004152	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-16	0.002	0.00036	0.01	No	21	0.001922	0.0003579	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-17	0.002	0.00072	0.01	No	21	0.001815	0.0004638	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-19	0.002	0.0007	0.01	No	21	0.001938	0.0002837	95.24	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-23A	0.002	0.00089	0.01	No	21	0.001869	0.000422	90.48	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-25	0.002	0.0017	0.01	No	21	0.001811	0.0004407	80.95	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-33	0.002	0.0013	0.01	No	21	0.001854	0.000378	85.71	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-57	0.002	0.00086	0.01	No	8	0.001858	0.0004031	87.5	None	No	0.004	NP (NDs)
Barium (mg/L)	PZ-7D	0.0091	0.006	2	No	23	0.007626	0.002168	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-14	0.02513	0.01503	2	No	23	0.02126	0.01225	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	PZ-15	0.059	0.048	2	No	23	0.0567	0.01336	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-16	0.043	0.034	2	No	23	0.04087	0.01144	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-17	0.07511	0.06231	2	No	23	0.06871	0.01224	0	None	No	0.01	Param.
Barium (mg/L)	PZ-18	0.0273	0.023	2	No	23	0.02857	0.01123	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-19	0.05629	0.05031	2	No	23	0.0533	0.005717	0	None	No	0.01	Param.
Barium (mg/L)	PZ-23A	0.0463	0.03666	2	No	23	0.04183	0.009704	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	PZ-25	0.11	0.1	2	No	23	0.106	0.008033	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-33	0.072	0.041	2	No	23	0.06009	0.02671	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-57	0.14	0.048	2	No	8	0.06625	0.03051	0	None	No	0.004	NP (normality)
Cadmium (mg/L)	PZ-23A	0.0005	0.0002	0.005	No	19	0.0004684	0.00009459	89.47	None	No	0.01	NP (NDs)
Cadmium (mg/L)	PZ-33	0.0005	0.0001	0.005	No	19	0.0004789	0.00009177	94.74	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-7D	0.00198	0.0009436	0.1	No	23	0.003726	0.003482	21.74	Kaplan-Meier	ln(x)	0.01	Param.
Chromium (mg/L)	PZ-14	0.005	0.0013	0.1	No	23	0.00309	0.001888	47.83	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-15	0.005	0.00048	0.1	No	23	0.004803	0.0009425	95.65	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-16	0.005	0.0011	0.1	No	23	0.003111	0.002025	52.17	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-18	0.005	0.00081	0.1	No	23	0.004625	0.001244	91.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-19	0.005	0.0019	0.1	No	23	0.00468	0.001076	91.3	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-23A	0.002093	0.001377	0.1	No	23	0.002578	0.001326	17.39	Kaplan-Meier	x^(1/3)	0.01	Param.
Chromium (mg/L)	PZ-33	0.005	0.0017	0.1	No	23	0.004857	0.0006881	95.65	Kaplan-Meier	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-57	0.005772	0.001853	0.1	No	8	0.004575	0.001686	37.5	Kaplan-Meier	No	0.01	Param.
Cobalt (mg/L)	PZ-14	0.005	0.002	0.006	No	23	0.004665	0.001138	91.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-15	0.005	0.0012	0.006	No	23	0.004043	0.001861	78.26	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-16	0.005	0.0005	0.006	No	23	0.004804	0.0009383	95.65	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-17	0.005	0.0011	0.006	No	23	0.003853	0.001978	73.91	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-18	0.005	0.0011	0.006	No	23	0.00483	0.0008132	95.65	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-19	0.005	0.0012	0.006	No	23	0.004657	0.001139	91.3	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-23A	0.005	0.0008	0.006	No	23	0.004037	0.001871	78.26	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-25	0.001814	0.00126	0.006	No	23	0.001537	0.0005305	8.696	None	No	0.01	Param.
Cobalt (mg/L)	PZ-33	0.005	0.0041	0.006	No	23	0.004036	0.001787	73.91	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-57	0.005	0.00051	0.006	No	8	0.003876	0.001889	62.5	None	No	0.004	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	PZ-7D	0.6312	0.3268	5	No	23	0.479	0.291	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-14	0.7786	0.317	5	No	23	0.6114	0.5068	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-15	1.035	0.7432	5	No	23	0.9249	0.3465	0	None	ln(x)	0.01	Param.

Appendix IV Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/13/2025, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Combined Radium 226 + 228 (pCi/L)	PZ-16	0.7797	0.4578	5	No	23	0.6187	0.3077	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17	1.006	0.594	5	No	23	0.8002	0.3942	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-18	0.9373	0.4433	5	No	23	0.6903	0.4723	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-19	1.192	0.7366	5	No	23	0.9645	0.4356	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-23A	1.175	0.6494	5	No	23	0.9121	0.5023	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-25	1.08	0.7183	5	No	23	0.8992	0.3459	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-33	0.8781	0.5349	5	No	23	0.7065	0.3281	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-57	0.9101	0.3109	5	No	8	0.6105	0.2826	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-7D	0.1	0.09	4	No	24	0.08967	0.02749	70.83	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-14	0.1	0.07	4	No	24	0.09	0.02298	66.67	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-15	0.09948	0.06299	4	No	24	0.09829	0.04166	37.5	Kaplan-Meier	x^(1/3)	0.01	Param.
Fluoride (mg/L)	PZ-16	0.1	0.058	4	No	24	0.08642	0.02251	66.67	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-17	0.108	0.061	4	No	24	0.1098	0.05524	37.5	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-18	0.12	0.086	4	No	24	0.09963	0.02908	66.67	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-19	0.14	0.064	4	No	24	0.103	0.06698	8.333	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-23A	0.1	0.066	4	No	24	0.09592	0.04913	45.83	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-25	0.2031	0.1384	4	No	24	0.1749	0.06906	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-33	0.15	0.077	4	No	24	0.09967	0.03644	54.17	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-57	0.0805	0.06317	4	No	8	0.07888	0.01508	25	Kaplan-Meier	No	0.01	Param.
Lead (mg/L)	PZ-7D	0.001	0.000041	0.015	No	23	0.0009583	0.0002	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-14	0.001	0.000064	0.015	No	23	0.0009593	0.0001952	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-15	0.001	0.00005	0.015	No	23	0.0009587	0.0001981	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-16	0.001	0.000081	0.015	No	23	0.00096	0.0001916	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-18	0.001	0.00043	0.015	No	23	0.0009336	0.0002278	91.3	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-19	0.001	0.000042	0.015	No	23	0.0009583	0.0001998	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-23A	0.001	0.00015	0.015	No	23	0.0008807	0.0003155	86.96	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-25	0.001	0.00041	0.015	No	23	0.0009743	0.000123	95.65	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-33	0.001	0.00009	0.015	No	23	0.000919	0.0002684	91.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-7D	0.0033	0.0023	0.04	No	23	0.008104	0.02549	4.348	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-14	0.03	0.003	0.04	No	23	0.02629	0.009795	86.96	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-15	0.03	0.00121	0.04	No	23	0.01002	0.01351	30.43	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-16	0.03	0.0013	0.04	No	23	0.02747	0.008367	91.3	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-17	0.0029	0.0018	0.04	No	23	0.006951	0.01083	17.39	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-18	0.0041	0.0026	0.04	No	23	0.005033	0.006367	8.696	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-19	0.01397	0.01117	0.04	No	23	0.01257	0.002672	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-23A	0.03	0.0011	0.04	No	23	0.01992	0.01411	65.22	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-25	0.006971	0.005848	0.04	No	23	0.00641	0.001074	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-57	0.03	0.000708	0.04	No	8	0.008312	0.01339	25	None	No	0.004	NP (normality)
Mercury (mg/L)	PZ-7D	0.0002	0.00006	0.002	No	21	0.0001863	0.00004318	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-14	0.0002	0.00015	0.002	No	21	0.0001914	0.00002988	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-15	0.0002	0.000097	0.002	No	21	0.0001951	0.00002248	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-16	0.0002	0.000068	0.002	No	21	0.0001937	0.0000288	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-17	0.0002	0.000086	0.002	No	21	0.0001946	0.00002488	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-18	0.0002	0.000057	0.002	No	21	0.0001932	0.00003121	95.24	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-19	0.0002	0.0001	0.002	No	21	0.0001879	0.00003932	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-23A	0.0002	0.00017	0.002	No	21	0.0001933	0.00002456	90.48	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-25	0.0002	0.00018	0.002	No	22	0.0001924	0.00003143	90.91	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-33	0.0002	0.00011	0.002	No	21	0.0001807	0.00005009	85.71	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-14	0.01	0.0005	0.1	No	23	0.009587	0.001981	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-15	0.01	0.0004	0.1	No	23	0.009583	0.002002	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-16	0.01	0.0004	0.1	No	23	0.009583	0.002002	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-17	0.01	0.0004	0.1	No	23	0.009583	0.002002	95.65	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-19	0.0024	0.002	0.1	No	23	0.0024	0.0008676	8.696	None	No	0.01	NP (normality)
Molybdenum (mg/L)	PZ-23A	0.01	0.0011	0.1	No	23	0.009204	0.002637	91.3	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-25	0.01	0.0014	0.1	No	23	0.009235	0.002536	91.3	None	No	0.01	NP (NDs)

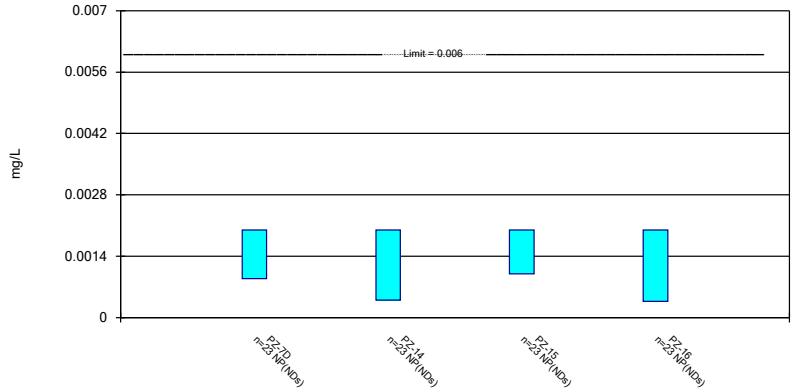
Appendix IV Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell AP Printed 10/13/2025, 8:58 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Molybdenum (mg/L)	PZ-57	0.01	0.00085	0.1	No	8	0.008856	0.003235	87.5	None	No	0.004	NP (NDs)
Selenium (mg/L)	PZ-7D	0.005	0.0017	0.05	No	23	0.003535	0.001716	56.52	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-14	0.005	0.0015	0.05	No	23	0.004683	0.001053	91.3	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-15	0.005	0.0018	0.05	No	23	0.004861	0.0006672	95.65	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-18	0.005	0.0014	0.05	No	23	0.004843	0.0007507	95.65	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-19	0.01	0.0031	0.05	No	23	0.00563	0.003409	34.78	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-23A	0.01	0.0019	0.05	No	23	0.004552	0.003703	30.43	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-57	0.005	0.001	0.05	No	8	0.0045	0.001414	87.5	None	No	0.004	NP (NDs)
Thallium (mg/L)	PZ-7D	0.0005	0.0002	0.002	No	23	0.0003978	0.0001773	73.91	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-14	0.0005	0.00006	0.002	No	23	0.0004809	0.00009175	95.65	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-15	0.001	0.00022	0.002	No	23	0.0007213	0.0003909	65.22	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-16	0.0005	0.0002	0.002	No	23	0.0003939	0.0001677	69.57	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-17	0.001	0.00025	0.002	No	23	0.0005991	0.0003649	43.48	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-18	0.001	0.00017	0.002	No	23	0.0008	0.0003885	78.26	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-19	0.0006221	0.0004822	0.002	No	23	0.0005522	0.0001337	4.348	None	No	0.01	Param.
Thallium (mg/L)	PZ-23A	0.001	0.00017	0.002	No	23	0.0006109	0.0004172	52.17	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-25	0.001	0.00039	0.002	No	23	0.000677	0.0002802	34.78	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-33	0.0005	0.00018	0.002	No	23	0.0004043	0.0001656	73.91	None	No	0.01	NP (NDs)

Non-Parametric Confidence Interval

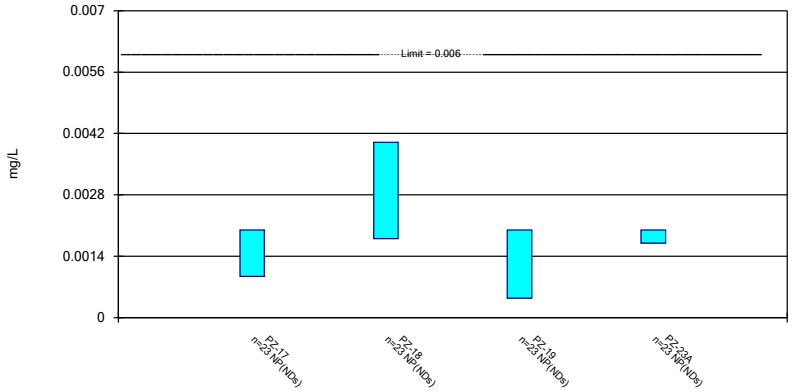
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

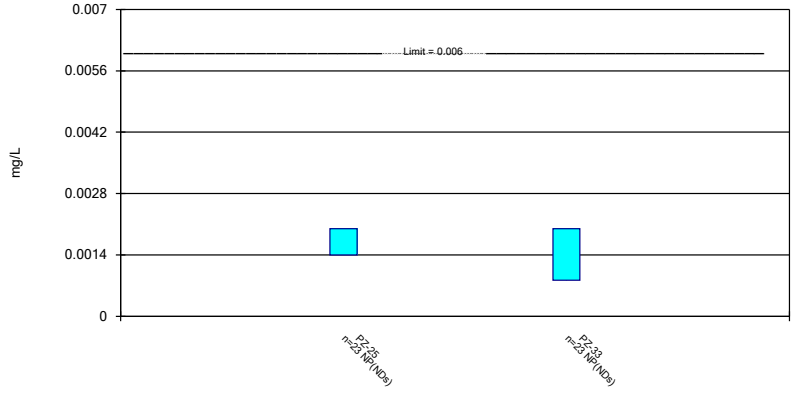
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

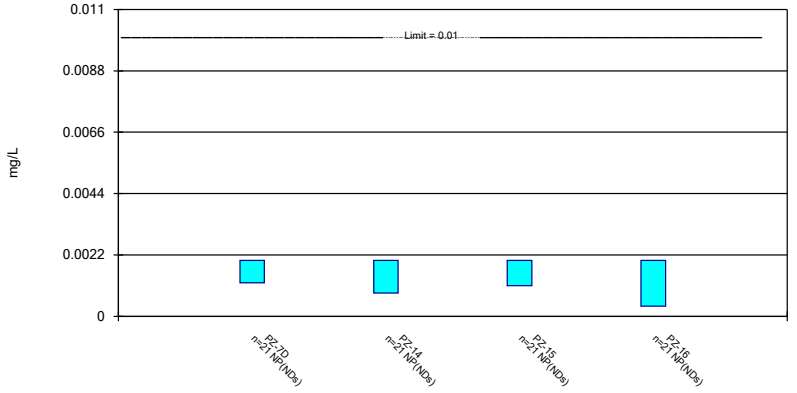
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

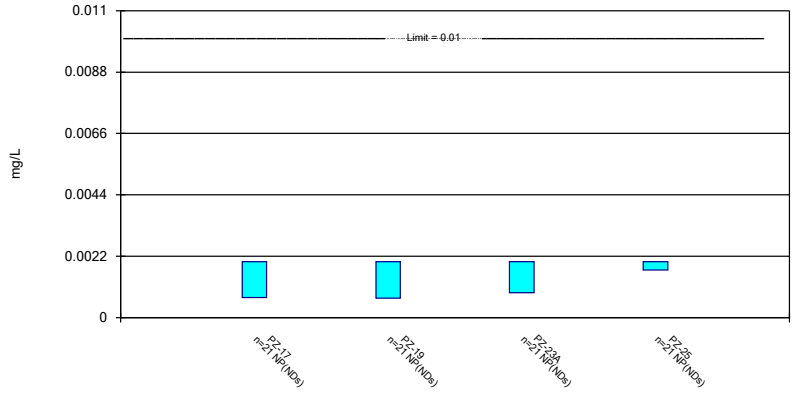
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Arsenic Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Arsenic Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

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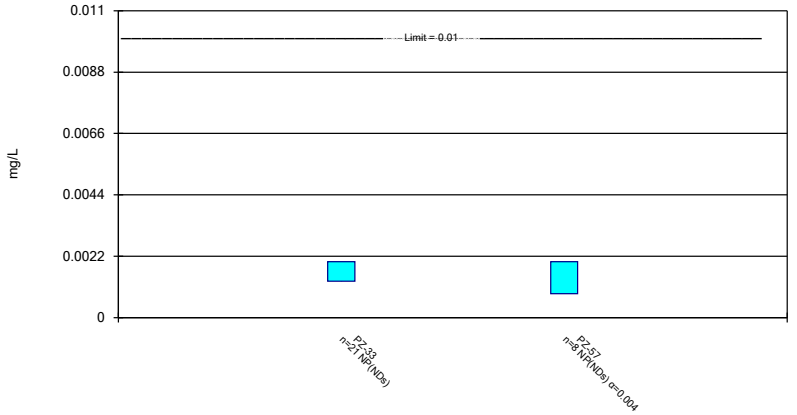
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Arsenic Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

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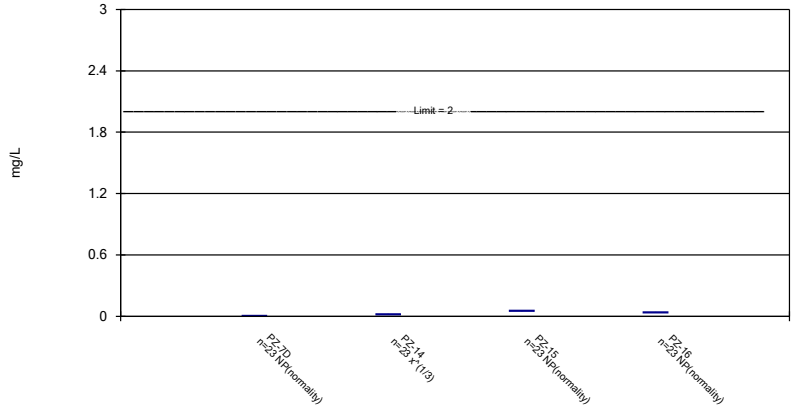
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

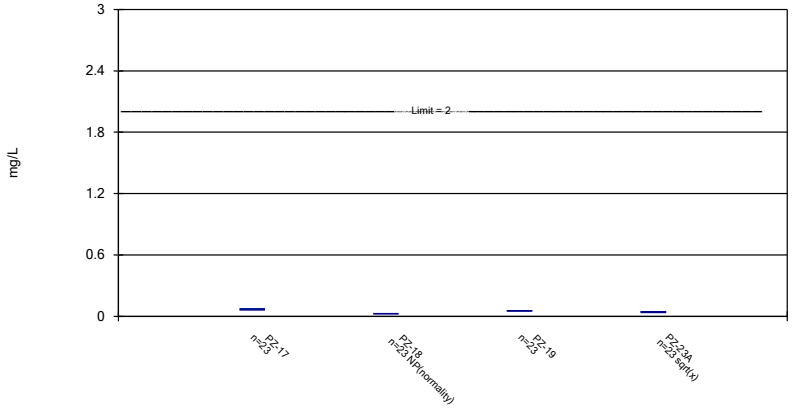


Constituent: Barium Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

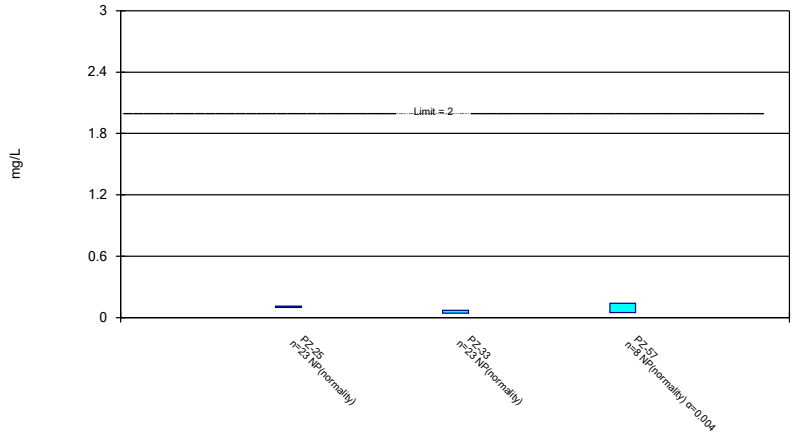
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

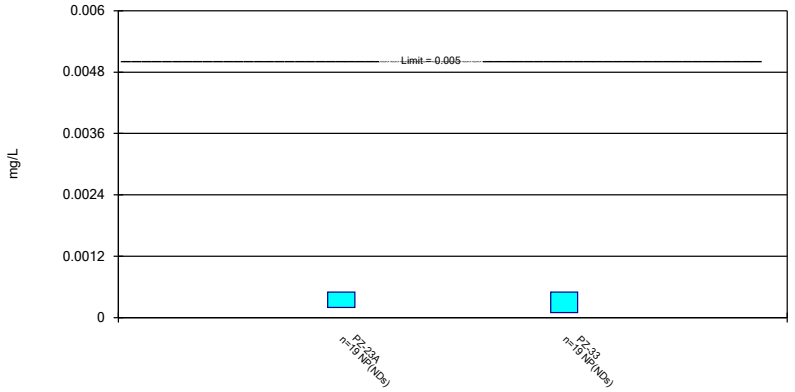
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Barium Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

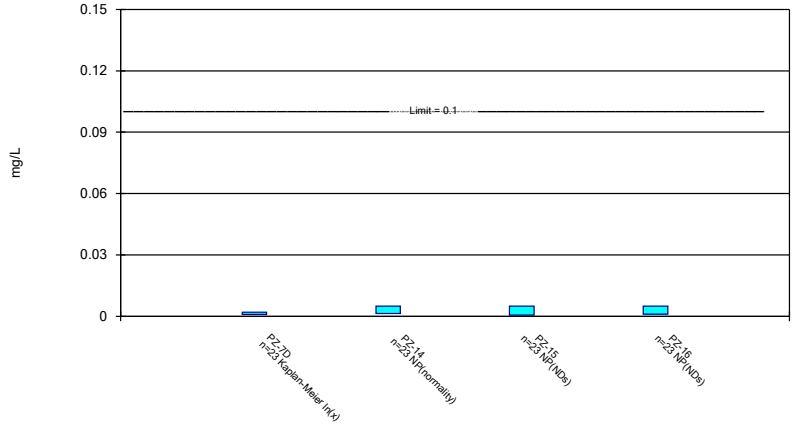
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric and Non-Parametric (NP) Confidence Interval

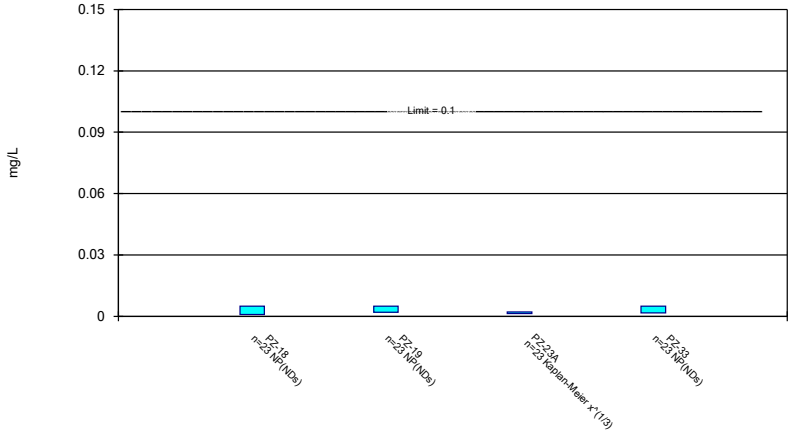
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Chromium Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

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: Chromium Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

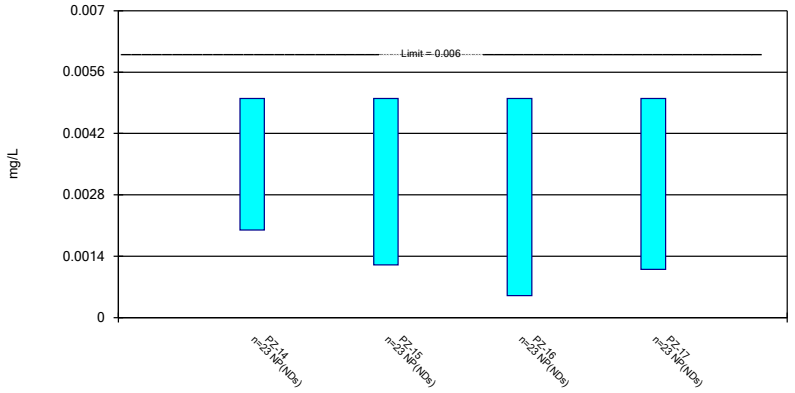
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

Constituent: Chromium Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

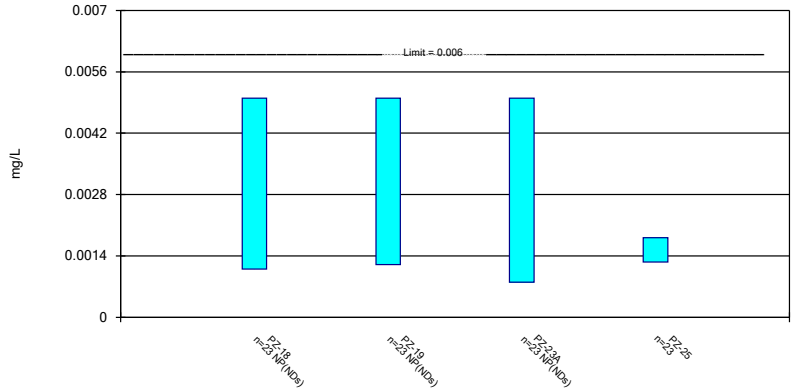
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cobalt Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric and Non-Parametric (NP) Confidence Interval

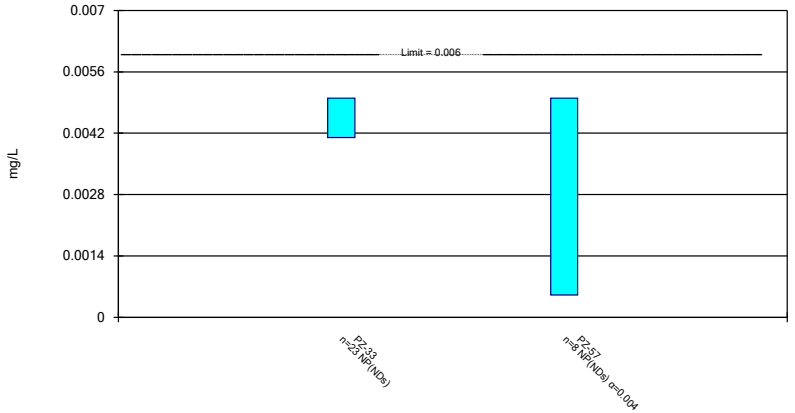
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Cobalt Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

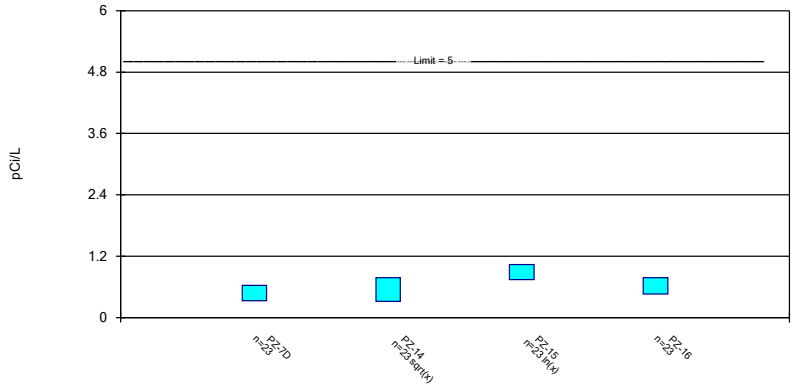
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Cobalt Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric Confidence Interval

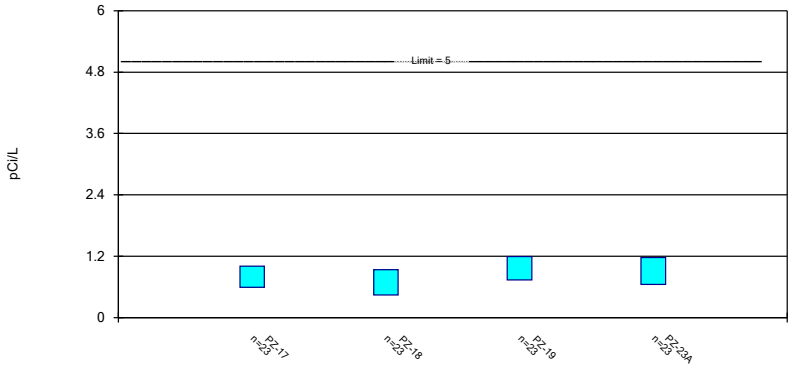
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric Confidence Interval

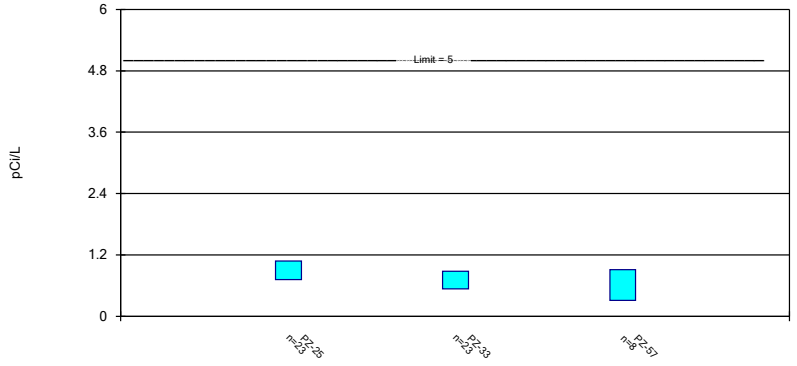
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric Confidence Interval

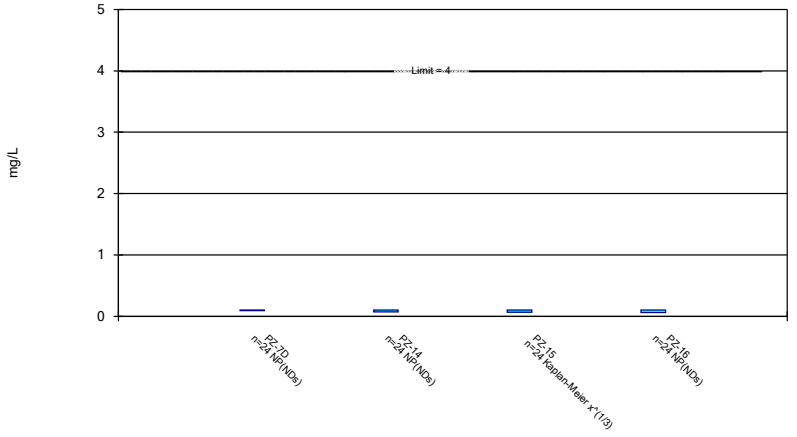
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric and Non-Parametric (NP) Confidence Interval

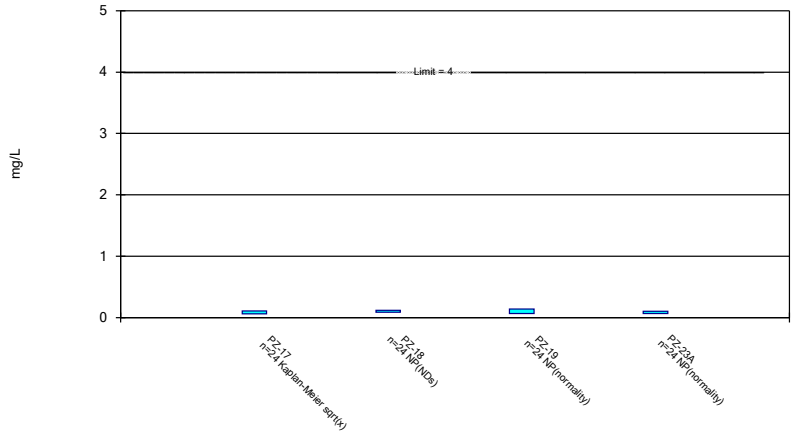
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

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 10/13/2025 8:57 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

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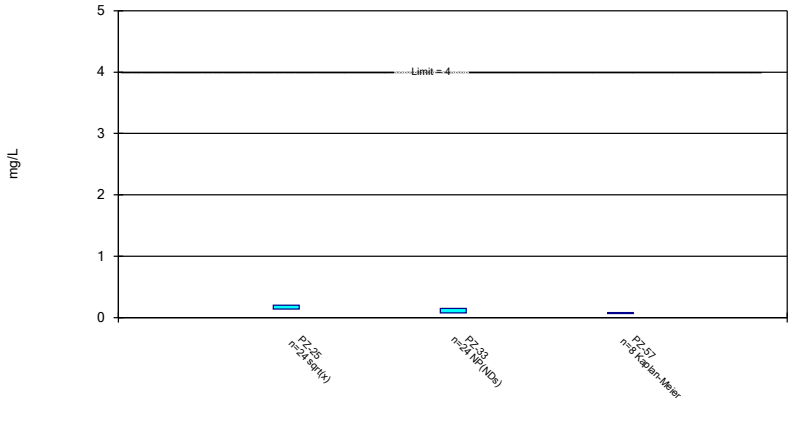
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



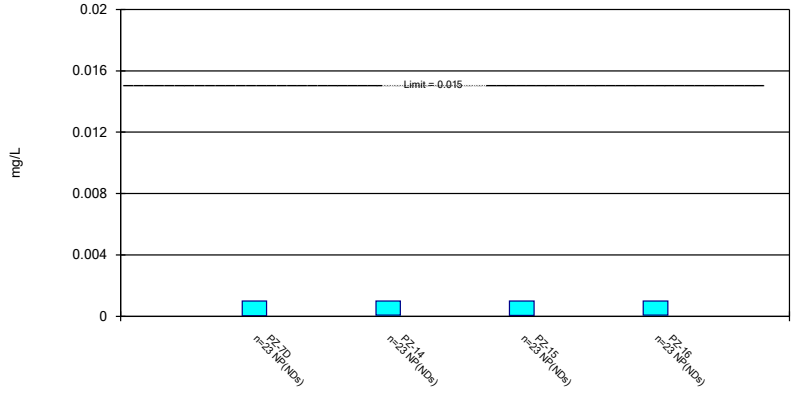
Constituent: Fluoride Analysis Run 10/13/2025 8:57 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



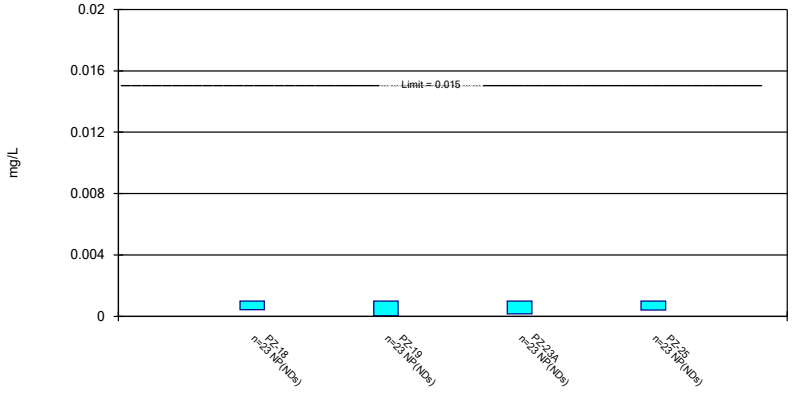
Constituent: Lead Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

Sanitas™ v.10.1.01 Software licensed to Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

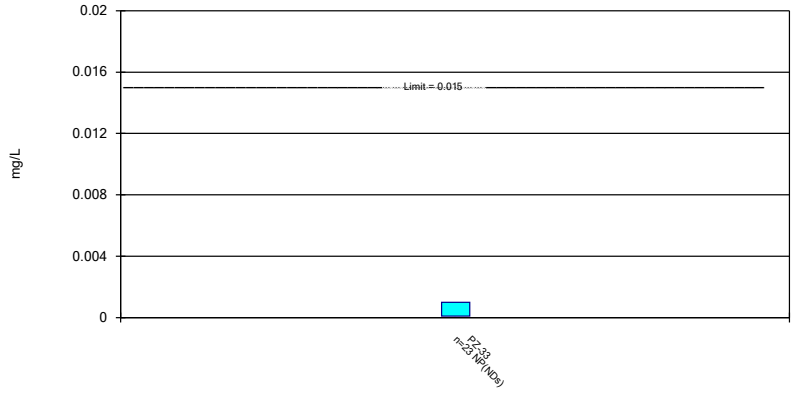


Constituent: Lead Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

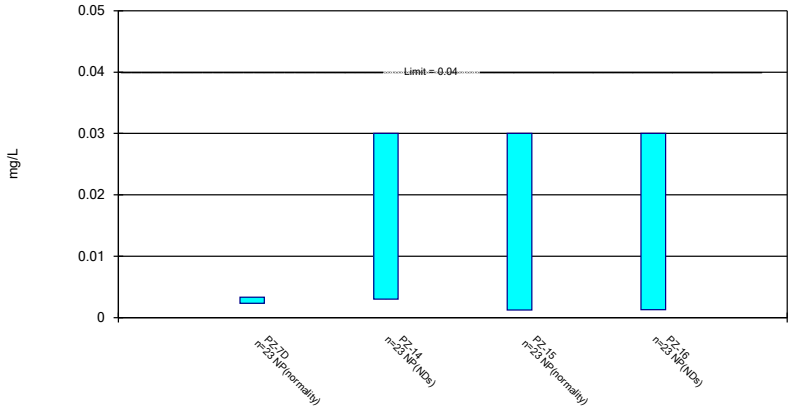
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lead Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

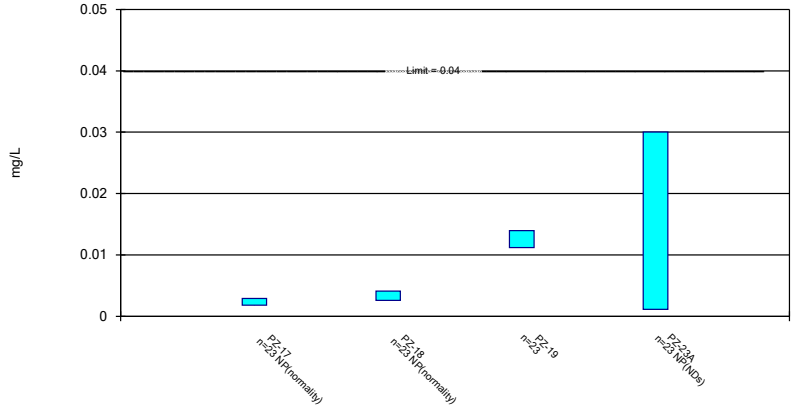
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lithium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric and Non-Parametric (NP) Confidence Interval

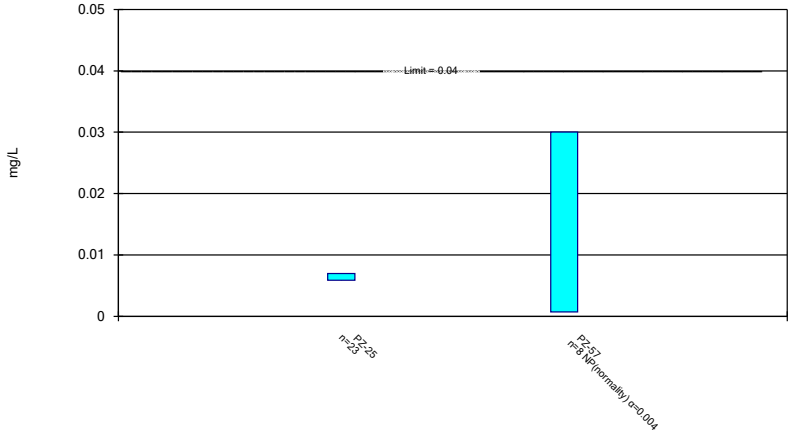
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric and Non-Parametric (NP) Confidence Interval

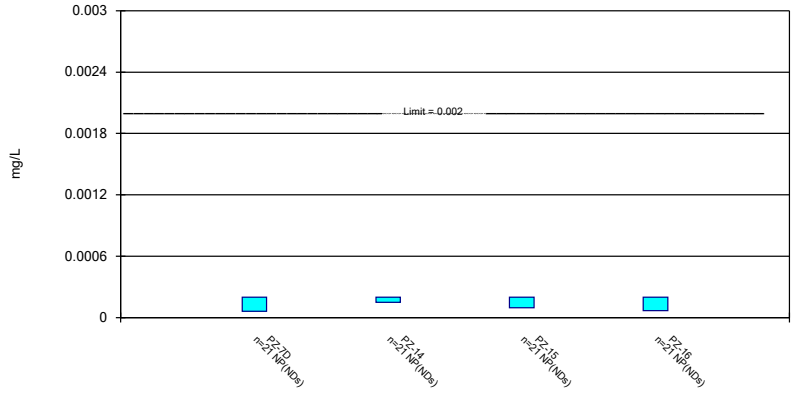
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lithium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

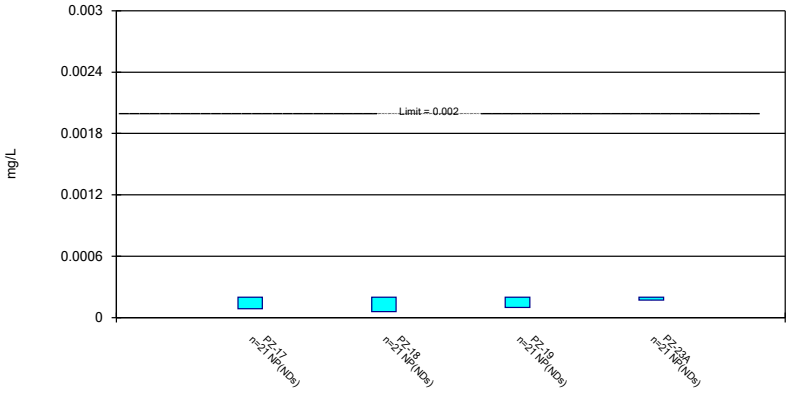
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

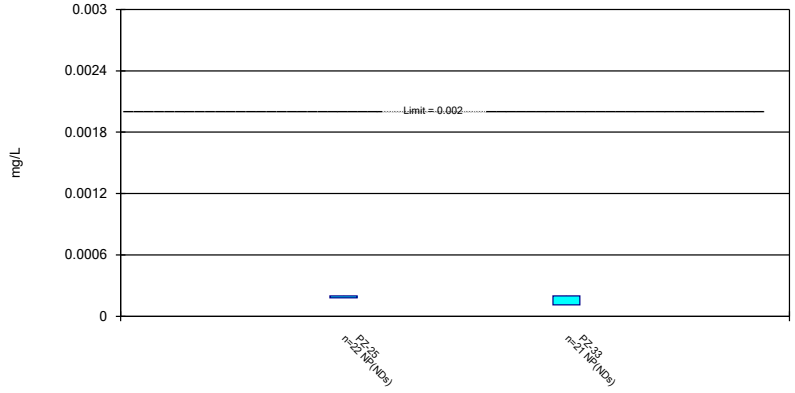
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

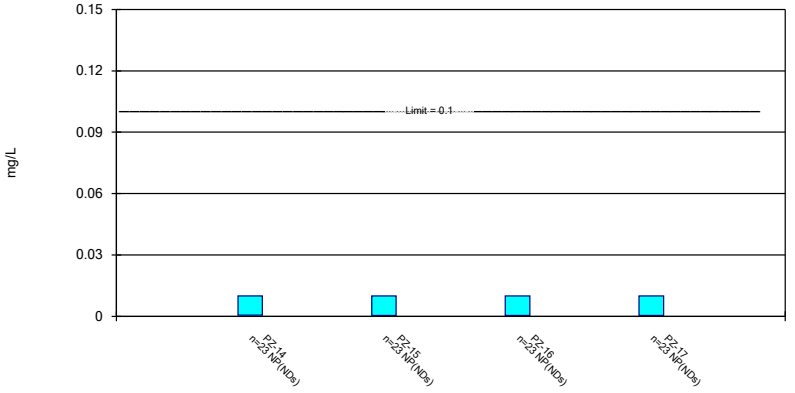
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Mercury Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

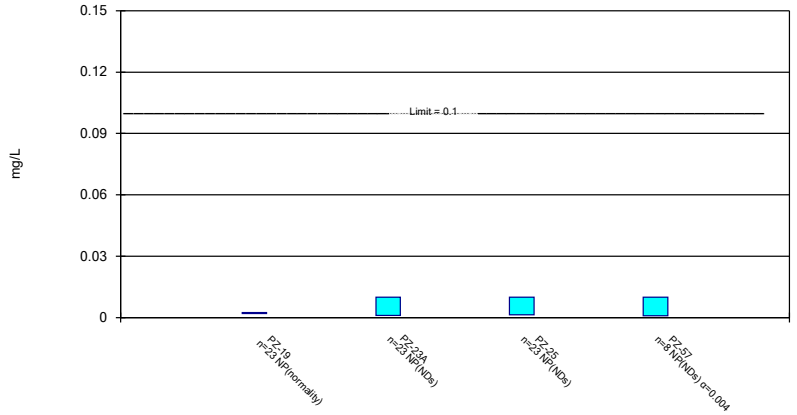
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Molybdenum Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

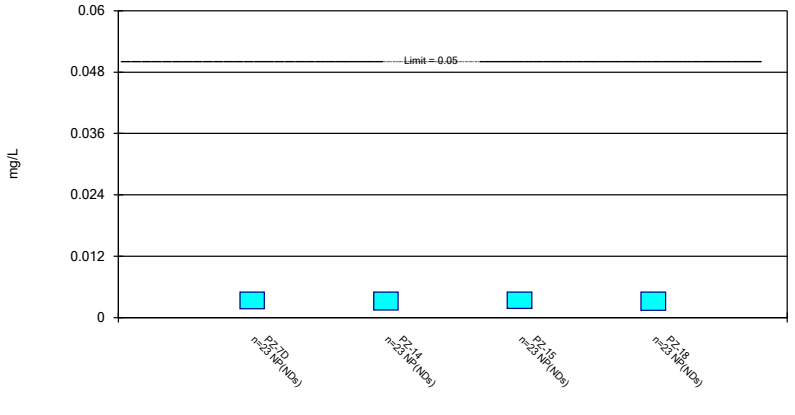
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Molybdenum Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

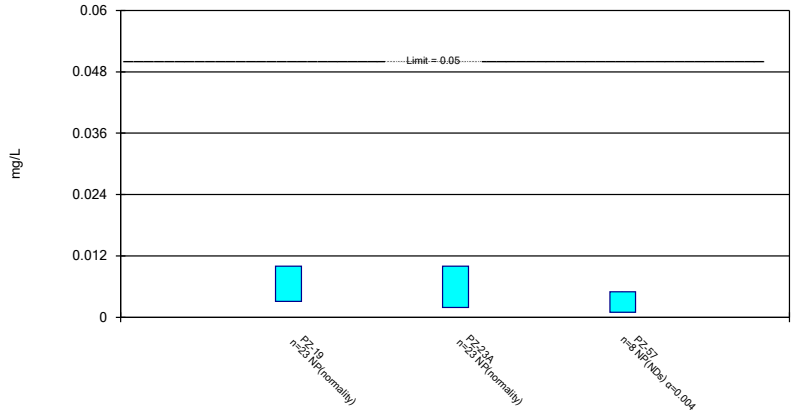
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Selenium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

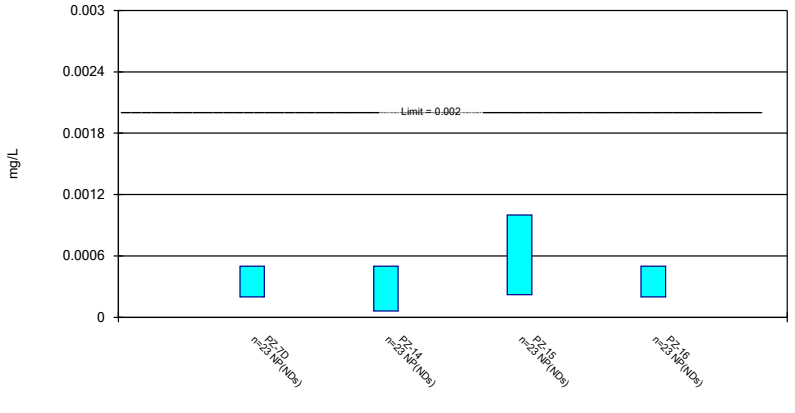
Compliance Limit is not exceeded. Per-well alpha = 0.01 except as noted.



Constituent: Selenium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Non-Parametric Confidence Interval

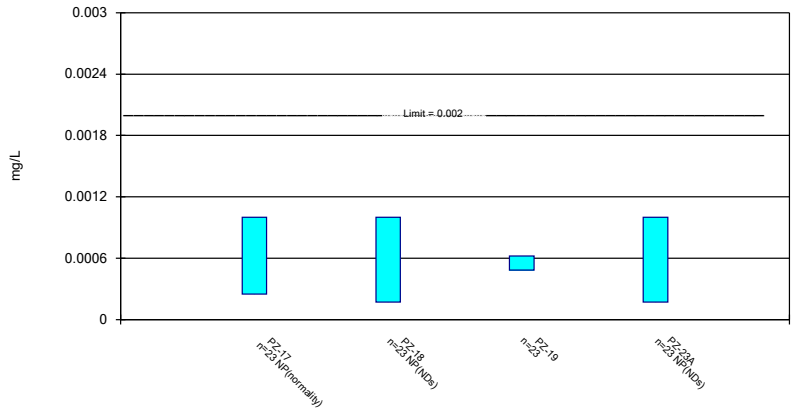
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Thallium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Thallium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

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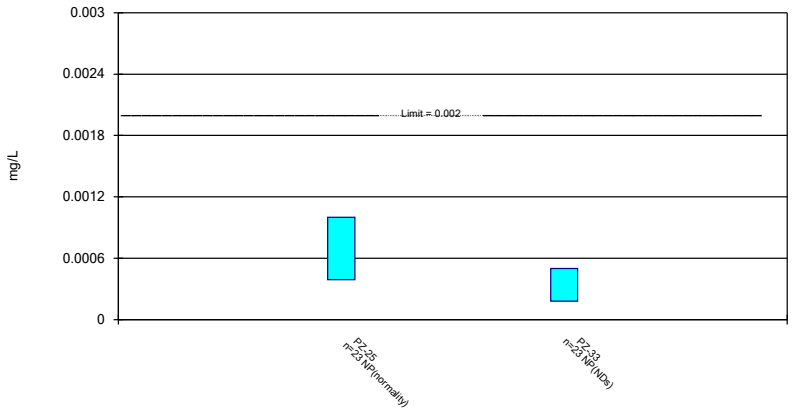
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Thallium Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.002		
9/1/2016	<0.002		0.001 (J)	
9/6/2016				<0.002
12/7/2016	<0.002	<0.002	<0.002	<0.002
3/21/2017		0.0004 (J)		
3/22/2017	<0.002		<0.002	<0.002
7/11/2017		<0.002		<0.002
7/12/2017	<0.002		<0.002	
10/18/2017		<0.002	<0.002	<0.002
10/19/2017	<0.002			
2/20/2018		<0.002		
2/21/2018	<0.002		<0.002	<0.002
7/11/2018		<0.002		
7/12/2018	<0.002		<0.002	<0.002
9/12/2018		<0.002		
9/13/2018	<0.002		<0.002	<0.002
8/21/2019		0.00039 (J)	<0.002	<0.002
8/22/2019	<0.002			
10/2/2019		<0.002	<0.002	<0.002
10/3/2019	0.00029 (J)			
3/25/2020		<0.002		
3/26/2020	0.00042 (J)		<0.002	<0.002
8/26/2020	0.00031 (J)	<0.002	0.00062 (J)	0.00037 (J)
10/6/2020		<0.002		<0.002
10/7/2020	<0.002		<0.002	
3/3/2021		<0.002		
3/4/2021	<0.002		<0.002	<0.002
9/15/2021		<0.002	<0.002	<0.002
9/16/2021	<0.002			
1/26/2022		<0.002	<0.002	<0.002
1/27/2022	<0.002			
8/25/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023		<0.002		
2/15/2023	<0.002		<0.002	<0.002
9/19/2023				<0.002
9/20/2023	<0.002	<0.002	<0.002	
2/28/2024	0.00089 (J)		<0.002	
2/29/2024		<0.002		<0.002
8/14/2024		<0.002	<0.002	<0.002
8/15/2024	<0.002			
3/12/2025		<0.002		<0.002
3/13/2025	<0.002		<0.002	
9/3/2025	<0.002			<0.002
9/4/2025			<0.002	
9/5/2025		<0.002		
Mean	0.001735	0.00186	0.001897	0.001929
Std. Dev.	0.0005991	0.0004624	0.0003476	0.0003399
Upper Lim.	0.002	0.002	0.002	0.002
Lower Lim.	0.00089	0.0004	0.001	0.00037

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.002
9/7/2016	<0.002	<0.002	<0.002	
12/7/2016				<0.002
12/8/2016	<0.002	<0.002	<0.002	
3/21/2017				<0.002
3/22/2017	<0.002	<0.002		
3/23/2017			<0.002	
7/11/2017				<0.002
7/12/2017	<0.002	<0.002	<0.002	
10/18/2017	<0.002	<0.002		<0.002
10/19/2017			<0.002	
2/20/2018				<0.002
2/21/2018	<0.002	<0.002	<0.002	
7/11/2018				<0.002
7/12/2018			<0.002	
8/15/2018		<0.002		
8/16/2018	<0.002			
9/13/2018		<0.002		<0.002
9/14/2018	<0.002		<0.002	
8/21/2019				0.00055 (J)
8/22/2019	<0.002	0.00045 (J)	<0.002	
9/10/2019				<0.002
10/2/2019	<0.002			
10/3/2019		<0.002	0.00044 (J)	
3/25/2020	0.00094 (J)			<0.002
3/26/2020		0.0018 (J)	<0.002	
8/26/2020	0.00061 (J)		<0.002	0.00038 (J)
8/27/2020		<0.002		
10/6/2020				<0.002
10/7/2020	<0.002	0.0014 (J)	<0.002	
3/3/2021			<0.002	0.0017 (J)
3/4/2021	0.00055 (J)	<0.002		
9/15/2021				<0.002
9/16/2021	<0.002	<0.002	<0.002	
1/26/2022				<0.002
1/27/2022	<0.002	<0.002	<0.002	
8/25/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023				<0.002
2/15/2023		<0.002	<0.002	
2/16/2023	<0.002			
9/20/2023	<0.002	0.004	<0.002	<0.002
2/28/2024				<0.002
2/29/2024	0.00076 (J)	<0.002	<0.002	
8/14/2024		<0.002	<0.002	<0.002
8/15/2024	<0.002			
3/12/2025	<0.002	<0.002	<0.002	
3/13/2025				<0.002
9/3/2025			<0.002	
9/4/2025	<0.002	<0.002		<0.002
Mean	0.001777	0.001985	0.001932	0.001853
Std. Dev.	0.0005021	0.0005558	0.0003253	0.0004433
Upper Lim.	0.002	0.004	0.002	0.002

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

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
Lower Lim.	0.00094	0.0018	0.00044	0.0017

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33
9/8/2016	<0.002	
12/8/2016	<0.002	<0.002
3/22/2017	<0.002	
3/23/2017		<0.002
7/11/2017	<0.002	
7/12/2017		<0.002
10/18/2017	<0.002	
10/19/2017		<0.002
2/21/2018	<0.002	<0.002
7/12/2018	<0.002	<0.002
9/13/2018	<0.002	
9/14/2018		<0.002
10/4/2018		<0.002
8/21/2019	0.0014 (J)	
8/22/2019		<0.002
10/2/2019	<0.002	
10/3/2019		<0.002
3/25/2020	<0.002	
3/26/2020		<0.002
8/26/2020	<0.002	<0.002
10/7/2020	<0.002	0.00037 (J)
3/3/2021	<0.002	
3/4/2021		<0.002
9/15/2021	<0.002	
9/16/2021		<0.002
1/26/2022	<0.002	
1/27/2022		<0.002
8/24/2022	<0.002	0.00082 (J)
2/15/2023	<0.002	
2/16/2023		<0.002
9/19/2023	<0.002	
9/21/2023		<0.002
2/27/2024	<0.002	
2/29/2024		<0.002
8/13/2024	<0.002	
8/15/2024		<0.002
3/12/2025	<0.002	
3/13/2025		<0.002
9/4/2025	<0.002	
9/5/2025		<0.002
Mean	0.001974	0.001878
Std. Dev.	0.0001251	0.0004104
Upper Lim.	0.002	0.002
Lower Lim.	0.0014	0.00082

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.002		
9/1/2016	<0.002		<0.002	
9/6/2016				<0.002
12/7/2016	<0.002	<0.002	<0.002	<0.002
3/21/2017		<0.002		
3/22/2017	<0.002		0.0011 (J)	<0.002
7/11/2017		<0.002		<0.002
7/12/2017	<0.002		0.0006 (J)	
10/18/2017		<0.002	<0.002	<0.002
10/19/2017	<0.002			
2/20/2018		<0.002		
2/21/2018	<0.002		0.00089 (J)	<0.002
7/11/2018		<0.002		
7/12/2018	<0.002		<0.002	<0.002
9/12/2018		<0.002		
9/13/2018	<0.002		<0.002	<0.002
8/21/2019		<0.002	<0.002	0.00036 (J)
8/22/2019	<0.002			
10/2/2019		0.00083 (J)	<0.002	<0.002
10/3/2019	<0.002			
3/25/2020		<0.002		
3/26/2020	<0.002		<0.002	<0.002
8/26/2020	<0.002	<0.002	<0.002	<0.002
9/15/2021		<0.002	<0.002	<0.002
9/16/2021	<0.002			
1/26/2022		<0.002	<0.002	<0.002
1/27/2022	<0.002			
8/25/2022	<0.002	<0.002	<0.002	<0.002
2/14/2023		<0.002		
2/15/2023	<0.002		<0.002	<0.002
9/19/2023				<0.002
9/20/2023	<0.002	<0.002	<0.002	
2/28/2024	<0.002		<0.002	
2/29/2024		<0.002		<0.002
8/14/2024		<0.002	<0.002	<0.002
8/15/2024	0.0012 (J)			
3/12/2025		<0.002		<0.002
3/13/2025	<0.002		<0.002	
9/3/2025	<0.002			<0.002
9/4/2025			<0.002	
9/5/2025		<0.002		
Mean	0.001962	0.001944	0.001838	0.001922
Std. Dev.	0.0001746	0.0002553	0.0004152	0.0003579
Upper Lim.	0.002	0.002	0.002	0.002
Lower Lim.	0.0012	0.00083	0.0011	0.00036

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-19	PZ-23A	PZ-25
8/31/2016			<0.002	
9/7/2016	<0.002	<0.002		
9/8/2016				0.0017 (J)
12/7/2016			<0.002	
12/8/2016	<0.002	<0.002		<0.002
3/21/2017			<0.002	
3/22/2017	0.0007 (J)			0.001 (J)
3/23/2017		0.0007 (J)		
7/11/2017			<0.002	<0.002
7/12/2017	<0.002	<0.002		
10/18/2017	<0.002		<0.002	<0.002
10/19/2017		<0.002		
2/20/2018			<0.002	
2/21/2018	0.00072 (J)	<0.002		0.00071 (J)
7/11/2018			<0.002	
7/12/2018		<0.002		<0.002
8/16/2018	0.0007 (J)			
9/13/2018			<0.002	<0.002
9/14/2018	<0.002	<0.002		
8/21/2019			<0.002	<0.002
8/22/2019	<0.002	<0.002		
9/10/2019			0.00036 (J)	
10/2/2019	<0.002			0.00063 (J)
10/3/2019		<0.002		
3/25/2020	<0.002		<0.002	<0.002
3/26/2020		<0.002		
8/26/2020	<0.002	<0.002	<0.002	<0.002
9/15/2021			<0.002	<0.002
9/16/2021	<0.002	<0.002		
1/26/2022			<0.002	<0.002
1/27/2022	<0.002	<0.002		
8/24/2022				<0.002
8/25/2022	<0.002	<0.002	<0.002	
2/14/2023			<0.002	
2/15/2023		<0.002		<0.002
2/16/2023	<0.002			
9/19/2023				<0.002
9/20/2023	<0.002	<0.002	<0.002	
2/27/2024				<0.002
2/28/2024			<0.002	
2/29/2024	<0.002	<0.002		
8/13/2024				<0.002
8/14/2024		<0.002	0.00089 (J)	
8/15/2024	<0.002			
3/12/2025	<0.002	<0.002		<0.002
3/13/2025			<0.002	
9/3/2025		<0.002		
9/4/2025	<0.002		<0.002	<0.002
Mean	0.001815	0.001938	0.001869	0.001811
Std. Dev.	0.0004638	0.0002837	0.000422	0.0004407
Upper Lim.	0.002	0.002	0.002	0.002
Lower Lim.	0.00072	0.0007	0.00089	0.0017

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

Confidence Interval

Constituent: Arsenic (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-33	PZ-57
12/8/2016	<0.002	
3/23/2017	0.0007 (J)	
7/12/2017	<0.002	
10/19/2017	<0.002	
2/21/2018	0.00094 (J)	
7/12/2018	<0.002	
9/14/2018	<0.002	
10/4/2018	<0.002	
8/22/2019	<0.002	
10/3/2019	<0.002	
3/26/2020	<0.002	
8/26/2020	<0.002	
9/16/2021	<0.002	
1/27/2022	<0.002	<0.002
8/24/2022	<0.002	
8/26/2022		<0.002
2/16/2023	<0.002	<0.002
9/21/2023	<0.002	<0.002
2/29/2024	<0.002	<0.002
8/15/2024	0.0013 (J)	0.00086 (J)
3/13/2025	<0.002	<0.002
9/5/2025	<0.002	<0.002
Mean	0.001854	0.001858
Std. Dev.	0.000378	0.0004031
Upper Lim.	0.002	0.002
Lower Lim.	0.0013	0.00086

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

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		0.0253		
9/1/2016	0.0117		0.103	
9/6/2016				0.0794
12/7/2016	0.0133	0.065	0.0781	0.0689
3/21/2017		0.0379		
3/22/2017	0.0114		0.0589	0.0423
7/11/2017		0.036		0.0467
7/12/2017	0.0097 (J)		0.0613	
10/18/2017		0.0247	0.0617	0.0446
10/19/2017	0.0091 (J)			
2/20/2018		0.03		
2/21/2018	0.0086 (J)		0.076	0.046
7/11/2018		0.027		
7/12/2018	0.0093 (J)		0.056	0.043
9/12/2018		0.022		
9/13/2018	0.0078 (J)		0.048	0.038
8/21/2019		0.017	0.05	0.034
8/22/2019	0.0067 (J)			
10/2/2019		0.017	0.049	0.038
10/3/2019	0.007 (J)			
3/25/2020		0.021		
3/26/2020	0.0072 (J)		0.048	0.034
8/26/2020	0.007 (J)	0.016	0.053	0.036
10/6/2020		0.016		0.034
10/7/2020	0.0061 (J)		0.049	
3/3/2021		0.017		
3/4/2021	0.0061		0.047	0.035
9/15/2021		0.014	0.045	0.032
9/16/2021	0.0062			
1/26/2022		0.016	0.055	0.034
1/27/2022	0.0068			
8/25/2022	0.0058	0.011	0.057	0.035
2/14/2023		0.014		
2/15/2023	0.006		0.048	0.033
9/19/2023				0.038
9/20/2023	0.0059	0.01	0.05	
2/28/2024	0.006		0.058	
2/29/2024		0.013		0.034
8/14/2024		0.013	0.046	0.036
8/15/2024	0.0055			
3/12/2025		0.015		0.04
3/13/2025	0.0064		0.059	
9/3/2025	0.0058			0.038
9/4/2025			0.047	
9/5/2025		0.011		
Mean	0.007626	0.02126	0.0567	0.04087
Std. Dev.	0.002168	0.01225	0.01336	0.01144
Upper Lim.	0.0091	0.02513	0.059	0.043
Lower Lim.	0.006	0.01503	0.048	0.034

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				0.0407
9/7/2016	0.0823	0.0717	0.067	
12/7/2016				0.0581
12/8/2016	0.0668	0.0513	0.0522	
3/21/2017				0.0678
3/22/2017	0.0821	0.0273		
3/23/2017			0.0591	
7/11/2017				0.0574
7/12/2017	0.0805	0.0269	0.0604	
10/18/2017	0.0776	0.0258		0.0351
10/19/2017			0.0542	
2/20/2018				0.05
2/21/2018	0.073	0.029	0.058	
7/11/2018				0.051
7/12/2018			0.057	
8/15/2018		0.027		
8/16/2018	0.081			
9/13/2018		0.023		0.038
9/14/2018	0.081		0.058	
8/21/2019				0.032
8/22/2019	0.078	0.022	0.047	
9/10/2019				0.029
10/2/2019	0.074			
10/3/2019		0.025	0.057	
3/25/2020	0.077			0.048
3/26/2020		0.023	0.052	
8/26/2020	0.077		0.049	0.039
8/27/2020		0.023		
10/6/2020				0.037
10/7/2020	0.074	0.023	0.054	
3/3/2021			0.055	0.039
3/4/2021	0.071	0.023		
9/15/2021				0.037
9/16/2021	0.064	0.022	0.053	
1/26/2022				0.039
1/27/2022	0.072	0.025	0.055	
8/25/2022	0.061	0.026	0.046	0.036
2/14/2023				0.033
2/15/2023		0.026	0.051	
2/16/2023	0.059			
9/20/2023	0.058	0.022	0.053	0.035
2/28/2024				0.036
2/29/2024	0.052	0.031	0.051	
8/14/2024		0.025	0.048	0.036
8/15/2024	0.045			
3/12/2025	0.05	0.034	0.05	
3/13/2025				0.038
9/3/2025			0.039	
9/4/2025	0.044	0.025		0.05
Mean	0.06871	0.02857	0.0533	0.04183
Std. Dev.	0.01224	0.01123	0.005717	0.009704
Upper Lim.	0.07511	0.0273	0.05629	0.0463

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
Lower Lim.	0.06231	0.023	0.05031	0.03666

Confidence Interval

Constituent: Barium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.102		
12/8/2016	0.102	0.162	
3/22/2017	0.0951		
3/23/2017		0.0753	
7/11/2017	0.102		
7/12/2017		0.0756	
10/18/2017	0.0997		
10/19/2017		0.0681	
2/21/2018	0.11	0.085	
7/12/2018	0.1	0.076	
9/13/2018	0.1		
9/14/2018		0.071	
10/4/2018		0.072	
8/21/2019	0.1		
8/22/2019		0.064	
10/2/2019	0.11		
10/3/2019		0.057	
3/25/2020	0.11		
3/26/2020		0.057	
8/26/2020	0.1	0.051	
10/7/2020	0.11	0.048	
3/3/2021	0.12		
3/4/2021		0.047	
9/15/2021	0.11		
9/16/2021		0.039	
1/26/2022	0.11		
1/27/2022		0.043	0.14
8/24/2022	0.1	0.038	
8/26/2022			0.064
2/15/2023	0.1		
2/16/2023		0.04	0.063
9/19/2023	0.11		
9/21/2023		0.041	0.062
2/27/2024	0.13		
2/29/2024		0.039	0.052
8/13/2024	0.11		
8/15/2024		0.041	0.048
3/12/2025	0.097		
3/13/2025		0.045	0.053
9/4/2025	0.11		
9/5/2025		0.047	0.048
Mean	0.106	0.06009	0.06625
Std. Dev.	0.008033	0.02671	0.03051
Upper Lim.	0.11	0.072	0.14
Lower Lim.	0.1	0.041	0.048

Confidence Interval

Constituent: Cadmium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-23A	PZ-33
8/31/2016	0.0002 (J)	
12/7/2016	0.0002 (J)	
12/8/2016		<0.0005
3/21/2017	<0.0005	
3/23/2017		0.0001 (J)
7/11/2017	<0.0005	
7/12/2017		<0.0005
10/18/2017	<0.0005	
10/19/2017		<0.0005
2/20/2018	<0.0005	
2/21/2018		<0.0005
7/11/2018	<0.0005	
7/12/2018		<0.0005
9/13/2018	<0.0005	
9/14/2018		<0.0005
10/4/2018		<0.0005
8/21/2019	<0.0005	
8/22/2019		<0.0005
8/26/2020	<0.0005	<0.0005
9/15/2021	<0.0005	
9/16/2021		<0.0005
1/26/2022	<0.0005	
1/27/2022		<0.0005
8/24/2022		<0.0005
8/25/2022	<0.0005	
2/14/2023	<0.0005	
2/16/2023		<0.0005
9/20/2023	<0.0005	
9/21/2023		<0.0005
2/28/2024	<0.0005	
2/29/2024		<0.0005
8/14/2024	<0.0005	
8/15/2024		<0.0005
3/13/2025	<0.0005	<0.0005
9/4/2025	<0.0005	
9/5/2025		<0.0005
Mean	0.0004684	0.0004789
Std. Dev.	9.459E-05	9.177E-05
Upper Lim.	0.0005	0.0005
Lower Lim.	0.0002	0.0001

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.005		
9/1/2016	<0.01		<0.005	
9/6/2016				<0.005
12/7/2016	0.003 (J)	<0.005	<0.005	<0.005
3/21/2017		<0.005		
3/22/2017	0.0005 (J)		<0.005	0.0008 (J)
7/11/2017		<0.005		<0.005
7/12/2017	<0.01		<0.005	
10/18/2017		<0.005	<0.005	<0.005
10/19/2017	0.0005 (J)			
2/20/2018		<0.005		
2/21/2018	<0.01		<0.005	<0.005
7/11/2018		<0.005		
7/12/2018	<0.01		<0.005	<0.005
9/12/2018		<0.005		
9/13/2018	<0.01		<0.005	<0.005
8/21/2019		0.00073 (J)	0.00048 (J)	0.00095 (J)
8/22/2019	0.0013 (J)			
10/2/2019		<0.005	<0.005	0.00044 (J)
10/3/2019	0.0004 (J)			
3/25/2020		0.0013 (J)		
3/26/2020	0.0016 (J)		<0.005	0.0013 (J)
8/26/2020	0.0011 (J)	0.0011 (J)	<0.005	0.00087 (J)
10/6/2020		0.00098 (J)		0.0011 (J)
10/7/2020	0.0014 (J)		<0.005	
3/3/2021		0.00097 (J)		
3/4/2021	0.0024 (J)		<0.005	0.0012 (J)
9/15/2021		0.0014 (J)	<0.005	0.0011 (J)
9/16/2021	0.0025 (J)			
1/26/2022		0.0012 (J)	<0.005	0.0013 (J)
1/27/2022	0.0034 (J)			
8/25/2022	0.0024 (J)	0.0014 (J)	<0.005	0.0012 (J)
2/14/2023		0.0018 (J)		
2/15/2023	0.0034 (J)		<0.005	<0.005
9/19/2023				<0.005
9/20/2023	0.0022 (J)	0.002 (J)	<0.005	
2/28/2024	0.0025 (J)		<0.005	
2/29/2024		<0.005		<0.005
8/14/2024		<0.005	<0.005	<0.005
8/15/2024	0.0026 (J)			
3/12/2025		0.0015 (J)		0.0013 (J)
3/13/2025	0.0021 (J)		<0.005	
9/3/2025	0.0024 (J)			<0.005
9/4/2025			<0.005	
9/5/2025		0.0017 (J)		
Mean	0.003726	0.00309	0.004803	0.003111
Std. Dev.	0.003482	0.001888	0.0009425	0.002025
Upper Lim.	0.00198	0.005	0.005	0.005
Lower Lim.	0.0009436	0.0013	0.00048	0.0011

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-18	PZ-19	PZ-23A	PZ-33
8/31/2016			<0.005	
9/7/2016	<0.005	<0.005		
12/7/2016			<0.005	
12/8/2016	<0.005	<0.005		<0.005
3/21/2017			0.0009 (J)	
3/22/2017	<0.005			
3/23/2017		<0.005		0.0017 (J)
7/11/2017			0.0016 (J)	
7/12/2017	<0.005	<0.005		<0.005
10/18/2017	<0.005		0.0019 (J)	
10/19/2017		<0.005		<0.005
2/20/2018			<0.005	
2/21/2018	<0.005	<0.005		<0.005
7/11/2018			0.0021 (J)	
7/12/2018		<0.005		<0.005
8/15/2018	<0.005			
9/13/2018	<0.005		0.0022 (J)	
9/14/2018		<0.005		<0.005
10/4/2018				<0.005
8/21/2019			0.0024 (J)	
8/22/2019	0.00081 (J)	<0.005		<0.005
9/10/2019			0.0044 (J)	
10/3/2019	<0.005	<0.005		<0.005
3/25/2020			0.0012 (J)	
3/26/2020	0.00056 (J)	0.00073 (J)		<0.005
8/26/2020		<0.005	0.0014 (J)	<0.005
8/27/2020	<0.005			
10/6/2020			0.0015 (J)	
10/7/2020	<0.005	<0.005		<0.005
3/3/2021		<0.005	0.0015 (J)	
3/4/2021	<0.005			<0.005
9/15/2021			0.0019 (J)	
9/16/2021	<0.005	<0.005		<0.005
1/26/2022			0.0028 (J)	
1/27/2022	<0.005	<0.005		<0.005
8/24/2022				<0.005
8/25/2022	<0.005	<0.005	0.0022 (J)	
2/14/2023			0.0024 (J)	
2/15/2023	<0.005	<0.005		
2/16/2023				<0.005
9/20/2023	<0.005	<0.005	0.002 (J)	
9/21/2023				<0.005
2/28/2024			0.002 (J)	
2/29/2024	<0.005	<0.005		<0.005
8/14/2024	<0.005	<0.005	<0.005	
8/15/2024				<0.005
3/12/2025	<0.005	<0.005		
3/13/2025			0.0028 (J)	<0.005
9/3/2025		0.0019 (J)		
9/4/2025	<0.005		0.0021 (J)	
9/5/2025				<0.005
Mean	0.004625	0.00468	0.002578	0.004857

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

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-18	PZ-19	PZ-23A	PZ-33
Std. Dev.	0.001244	0.001076	0.001326	0.0006881
Upper Lim.	0.005	0.005	0.002093	0.005
Lower Lim.	0.00081	0.0019	0.001377	0.0017

Confidence Interval

Constituent: Chromium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-57
1/27/2022	<0.005
8/26/2022	<0.005
2/16/2023	<0.005
9/21/2023	0.0013 (J)
2/29/2024	0.0032 (J)
8/15/2024	0.0044 (J)
3/13/2025	0.0059
9/5/2025	0.0068
Mean	0.004575
Std. Dev.	0.001686
Upper Lim.	0.005772
Lower Lim.	0.001853

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-14	PZ-15	PZ-16	PZ-17
8/31/2016	<0.005			
9/1/2016		0.0012 (J)		
9/6/2016			0.0005 (J)	
9/7/2016				0.0011 (J)
12/7/2016	0.002 (J)	0.0005 (J)	<0.005	
12/8/2016				0.0006 (J)
3/21/2017	<0.005			
3/22/2017		0.0005 (J)	<0.005	0.0006 (J)
7/11/2017	0.0003 (J)		<0.005	
7/12/2017		0.0004 (J)		0.0005 (J)
10/18/2017	<0.005	0.0004 (J)	<0.005	0.0005 (J)
2/20/2018	<0.005			
2/21/2018		<0.005	<0.005	<0.005
7/11/2018	<0.005			
7/12/2018		<0.005	<0.005	
8/16/2018				<0.005
9/12/2018	<0.005			
9/13/2018		<0.005	<0.005	
9/14/2018				<0.005
8/21/2019	<0.005	<0.005	<0.005	
8/22/2019				<0.005
10/2/2019	<0.005	<0.005	<0.005	<0.005
3/25/2020	<0.005			0.00032 (J)
3/26/2020		<0.005	<0.005	
8/26/2020	<0.005	<0.005	<0.005	<0.005
10/6/2020	<0.005		<0.005	
10/7/2020		<0.005		<0.005
3/3/2021	<0.005			
3/4/2021		<0.005	<0.005	<0.005
9/15/2021	<0.005	<0.005	<0.005	
9/16/2021				<0.005
1/26/2022	<0.005	<0.005	<0.005	
1/27/2022				<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005
2/14/2023	<0.005			
2/15/2023		<0.005	<0.005	
2/16/2023				<0.005
9/19/2023			<0.005	
9/20/2023	<0.005	<0.005		<0.005
2/28/2024		<0.005		
2/29/2024	<0.005		<0.005	<0.005
8/14/2024	<0.005	<0.005	<0.005	
8/15/2024				<0.005
3/12/2025	<0.005		<0.005	<0.005
3/13/2025		<0.005		
9/3/2025			<0.005	
9/4/2025		<0.005		<0.005
9/5/2025	<0.005			
Mean	0.004665	0.004043	0.004804	0.003853
Std. Dev.	0.001138	0.001861	0.0009383	0.001978
Upper Lim.	0.005	0.005	0.005	0.005
Lower Lim.	0.002	0.0012	0.0005	0.0011

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-18	PZ-19	PZ-23A	PZ-25
8/31/2016			<0.005	
9/7/2016	0.0011 (J)	0.0012 (J)		
9/8/2016				0.0008 (J)
12/7/2016			0.0008 (J)	
12/8/2016	<0.005	0.0009 (J)		<0.005
3/21/2017			<0.005	
3/22/2017	<0.005			0.001 (J)
3/23/2017		<0.005		
7/11/2017			<0.005	0.001 (J)
7/12/2017	<0.005	<0.005		
10/18/2017	<0.005		<0.005	0.0011 (J)
10/19/2017		<0.005		
2/20/2018			<0.005	
2/21/2018	<0.005	<0.005		0.00075 (J)
7/11/2018			<0.005	
7/12/2018		<0.005		0.0008 (J)
8/15/2018	<0.005			
9/13/2018	<0.005		<0.005	0.001 (J)
9/14/2018		<0.005		
8/21/2019			<0.005	0.0015 (J)
8/22/2019	<0.005	<0.005		
9/10/2019			<0.005	
10/2/2019				0.0017 (J)
10/3/2019	<0.005	<0.005		
3/25/2020			0.0003 (J)	0.0018 (J)
3/26/2020	<0.005	<0.005		
8/26/2020		<0.005	0.00058 (J)	0.0016 (J)
8/27/2020	<0.005			
10/6/2020			0.00067 (J)	
10/7/2020	<0.005	<0.005		0.0014 (J)
3/3/2021		<0.005	0.00049 (J)	0.0016 (J)
3/4/2021	<0.005			
9/15/2021			<0.005	0.002 (J)
9/16/2021	<0.005	<0.005		
1/26/2022			<0.005	0.0016 (J)
1/27/2022	<0.005	<0.005		
8/24/2022				0.0016 (J)
8/25/2022	<0.005	<0.005	<0.005	
2/14/2023			<0.005	
2/15/2023	<0.005	<0.005		0.0012 (J)
9/19/2023				0.0017 (J)
9/20/2023	<0.005	<0.005	<0.005	
2/27/2024				0.0017 (J)
2/28/2024			<0.005	
2/29/2024	<0.005	<0.005		
8/13/2024				0.0021 (J)
8/14/2024	<0.005	<0.005	<0.005	
3/12/2025	<0.005	<0.005		<0.005
3/13/2025			<0.005	
9/3/2025		<0.005		
9/4/2025	<0.005		<0.005	0.0024 (J)
Mean	0.00483	0.004657	0.004037	0.001537

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

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-18	PZ-19	PZ-23A	PZ-25
Std. Dev.	0.0008132	0.001139	0.001871	0.0005305
Upper Lim.	0.005	0.005	0.005	0.001814
Lower Lim.	0.0011	0.0012	0.0008	0.00126

Confidence Interval

Constituent: Cobalt (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-33	PZ-57
12/8/2016	0.0041 (J)	
3/23/2017	0.0008 (J)	
7/12/2017	0.0007 (J)	
10/19/2017	0.0005 (J)	
2/21/2018	0.0012 (J)	
7/12/2018	0.00053 (J)	
9/14/2018	<0.005	
10/4/2018	<0.005	
8/22/2019	<0.005	
10/3/2019	<0.005	
3/26/2020	<0.005	
8/26/2020	<0.005	
10/7/2020	<0.005	
3/4/2021	<0.005	
9/16/2021	<0.005	
1/27/2022	<0.005	0.0043 (J)
8/24/2022	<0.005	
8/26/2022		0.0012 (J)
2/16/2023	<0.005	0.00051 (J)
9/21/2023	<0.005	<0.005
2/29/2024	<0.005	<0.005
8/15/2024	<0.005	<0.005
3/13/2025	<0.005	<0.005
9/5/2025	<0.005	<0.005
Mean	0.004036	0.003876
Std. Dev.	0.001787	0.001889
Upper Lim.	0.005	0.005
Lower Lim.	0.0041	0.00051

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

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		1.77		
9/1/2016	0.88 (U)		1.19	
9/6/2016				1.12
12/7/2016	0.179 (U)	0.672 (U)	1.88	1.37
3/21/2017		0.33 (U)		
3/22/2017	0.279 (U)		0.617 (U)	0.435 (U)
7/11/2017		0.701 (U)		0.76 (U)
7/12/2017	0.125 (U)		0.674 (U)	
10/18/2017		0.808 (U)	0.844 (U)	0.847 (U)
10/19/2017	0.329 (U)			
2/20/2018		2.12		
2/21/2018	0.504 (U)		0.842 (U)	0.373 (U)
7/11/2018		0.232 (U)		
7/12/2018	0.188 (U)		0.552 (U)	0.408 (U)
9/12/2018		0.532 (U)		
9/13/2018	0.0542 (U)		0.662 (U)	0.472 (U)
8/21/2019		0.705 (U)	1.86	0.453 (U)
8/22/2019	0.672 (U)			
10/2/2019		0.915 (U)	1 (U)	0.65 (U)
10/3/2019	1.37			
3/25/2020		0.694 (U)		
3/26/2020	0.43 (U)		0.863 (U)	0.522 (U)
8/26/2020	0.572 (U)	0.115 (U)	0.681 (U)	0.499 (U)
10/6/2020		0.265 (U)		1.12 (U)
10/7/2020	0.232 (U)		1.22 (U)	
3/3/2021		0.328 (U)		
3/4/2021	0.529 (U)		0.674 (U)	0.404 (U)
9/15/2021		0.872 (U)	0.729 (U)	0.721 (U)
9/16/2021	0.382 (U)			
1/26/2022		0.185 (U)	0.879 (U)	0.117 (U)
1/27/2022	0.315 (U)			
8/25/2022	0.771 (U)	0.453 (U)	1.05	0.728 (U)
2/14/2023		0.0857 (U)		
2/15/2023	0.496 (U)		0.875 (U)	0.137 (U)
9/19/2023				0.531 (U)
9/20/2023	0.623 (U)	0.707 (U)	0.644 (U)	
2/28/2024	0.676 (U)		0.948 (U)	
2/29/2024		0.433 (U)		0.463 (U)
8/14/2024		0.071 (U)	0.747 (U)	0.937 (U)
8/15/2024	0.591 (U)			
3/12/2025		0.923 (U)		0.73 (U)
3/13/2025	0.253 (U)		0.832 (U)	
9/3/2025	0.567 (U)			0.434 (U)
9/4/2025			1.01 (U)	
9/5/2025		0.146 (U)		
Mean	0.479	0.6114	0.9249	0.6187
Std. Dev.	0.291	0.5068	0.3465	0.3077
Upper Lim.	0.6312	0.7786	1.035	0.7797
Lower Lim.	0.3268	0.317	0.7432	0.4578

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				1.85
9/7/2016	1.06 (U)	1.51	1.22	
12/7/2016				0.844 (U)
12/8/2016	1.3	1.29	1.69	
3/21/2017				0.832 (U)
3/22/2017	0.566 (U)	0.799 (U)		
3/23/2017			1.07	
7/11/2017				0.824 (U)
7/12/2017	0.856 (U)	0.4 (U)	0.849 (U)	
10/18/2017	0.957	0.613 (U)		1.19
10/19/2017			0.398 (U)	
2/20/2018				0.975 (U)
2/21/2018	1.4	0.736 (U)	1.03 (U)	
7/11/2018				1.29
7/12/2018			1.28 (U)	
8/15/2018		1.02 (U)		
8/16/2018	0.625 (U)			
9/13/2018		0.708 (U)		0.765 (U)
9/14/2018	1.16		0.74 (U)	
8/21/2019				2.31
8/22/2019	0.977 (U)	0.753 (U)	1.37	
9/10/2019				0.575 (U)
10/2/2019	1.34 (U)			
10/3/2019		2.07	1.9	
3/25/2020	0.385 (U)			1.39
3/26/2020		1.05	1.66	
8/26/2020	1.62		0.703 (U)	0.774 (U)
8/27/2020		0.0939 (U)		
10/6/2020				1.24 (U)
10/7/2020	0.432 (U)	0.365 (U)	0.893	
3/3/2021			0.469 (U)	1.01 (U)
3/4/2021	0.734 (U)	0.498 (U)		
9/15/2021				0.742 (U)
9/16/2021	0.377 (U)	0.681 (U)	1.4	
1/26/2022				0.76 (U)
1/27/2022	0.314 (U)	0.418 (U)	0.255 (U)	
8/25/2022	0.98 (U)	0.0434 (U)	0.937	0.396 (U)
2/14/2023				0.521 (U)
2/15/2023		0.828	0.652 (U)	
2/16/2023	0.129 (U)			
9/20/2023	0.684 (U)	0.784 (U)	1.02 (U)	0.235 (U)
2/28/2024				0.261 (U)
2/29/2024	0.621 (U)	0.228 (U)	0.744 (U)	
8/14/2024		0.365 (U)	0.684 (U)	1.15 (U)
8/15/2024	0.846 (U)			
3/12/2025	0.734 (U)	0.325 (U)	0.426 (U)	
3/13/2025				0.162 (U)
9/3/2025			0.793 (U)	
9/4/2025	0.308 (U)	0.299 (U)		0.882 (U)
Mean	0.8002	0.6903	0.9645	0.9121
Std. Dev.	0.3942	0.4723	0.4356	0.5023
Upper Lim.	1.006	0.9373	1.192	1.175

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
Lower Lim.	0.594	0.4433	0.7366	0.6494

Confidence Interval

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	1.41		
12/8/2016	1.39	0.968 (U)	
3/22/2017	0.852 (U)		
3/23/2017		0.444 (U)	
7/11/2017	1.04		
7/12/2017		0.814 (U)	
10/18/2017	0.678 (U)		
10/19/2017		0.748 (U)	
2/21/2018	0.863 (U)	1.05 (U)	
7/12/2018	1.42	0.751 (U)	
9/13/2018	0.766 (U)		
9/14/2018		1.01 (U)	
10/4/2018		1.05	
8/21/2019	1.18 (U)		
8/22/2019		0.513 (U)	
10/2/2019	1.48		
10/3/2019		1.62 (U)	
3/25/2020	0.91 (U)		
3/26/2020		0.473 (U)	
8/26/2020	0.95 (U)	0.782 (U)	
10/7/2020	1.01 (U)	0.442 (U)	
3/3/2021	0.545 (U)		
3/4/2021		1.03 (U)	
9/15/2021	1.07 (U)		
9/16/2021		0.184 (U)	
1/26/2022	0.282 (U)		
1/27/2022		0.259 (U)	1.13
8/24/2022	0.764 (U)	0.764 (U)	
8/26/2022			0.488 (U)
2/15/2023	0.484 (U)		
2/16/2023		0.765	0.193 (U)
9/19/2023	1.21 (U)		
9/21/2023		0.809 (U)	0.401 (U)
2/27/2024	0.437 (U)		
2/29/2024		0.478 (U)	0.7 (U)
8/13/2024	0.818 (U)		
8/15/2024		0.387 (U)	0.8 (U)
3/12/2025	0.379 (U)		
3/13/2025		0.519 (U)	0.512 (U)
9/4/2025	0.743 (U)		
9/5/2025		0.389 (U)	0.66 (U)
Mean	0.8992	0.7065	0.6105
Std. Dev.	0.3459	0.3281	0.2826
Upper Lim.	1.08	0.8781	0.9101
Lower Lim.	0.7183	0.5349	0.3109

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		0.13 (J)		
9/1/2016	<0.1		0.06 (J)	
9/6/2016				0.09 (J)
12/7/2016	0.15 (J)	0.07 (J)	0.09 (J)	0.09 (J)
3/21/2017		<0.1		
3/22/2017	0.09 (J)		0.11 (J)	0.04 (J)
7/11/2017		0.05 (J)		0.05 (J)
7/12/2017	0.02 (J)		0.23 (J)	
10/18/2017		0.11 (J)	0.19 (J)	0.04 (J)
10/19/2017	<0.1			
2/20/2018		0.04 (J)		
2/21/2018	0.045 (J)		0.093 (J)	<0.1
7/11/2018		<0.1		
7/12/2018	<0.1		<0.1	<0.1
9/12/2018		<0.1		
9/13/2018	<0.1		0.15 (J)	<0.1
3/27/2019		<0.1		<0.1
3/28/2019	<0.1		0.1 (J)	
8/21/2019		<0.1	0.044 (J)	<0.1
8/22/2019	<0.1			
10/2/2019		0.056 (J)	0.075 (J)	0.053 (J)
10/3/2019	0.041 (J)			
3/25/2020		<0.1		
3/26/2020	<0.1		0.056 (J)	<0.1
8/26/2020	<0.1	<0.1	<0.1	<0.1
10/6/2020		<0.1		<0.1
10/7/2020	<0.1		<0.1	
3/3/2021		<0.1		
3/4/2021	<0.1		<0.1	<0.1
9/15/2021		<0.1	<0.1	<0.1
9/16/2021	<0.1			
1/26/2022		<0.1	<0.1	<0.1
1/27/2022	<0.1			
8/25/2022	0.056 (J)	0.051 (J)	0.074 (J)	0.058 (J)
2/14/2023		<0.1		
2/15/2023	0.05 (J)		0.064 (J)	0.053 (J)
9/19/2023				<0.1
9/20/2023	<0.1	<0.1	0.064 (J)	
2/28/2024	<0.1		0.059 (J)	
2/29/2024		<0.1		<0.1
8/14/2024		<0.1	<0.1	<0.1
8/15/2024	<0.1			
3/12/2025		<0.1		<0.1
3/13/2025	<0.1		<0.1	
9/3/2025	<0.1			<0.1
9/4/2025			<0.1	
9/5/2025		0.053 (J)		
Mean	0.08967	0.09	0.09829	0.08642
Std. Dev.	0.02749	0.02298	0.04166	0.02251
Upper Lim.	0.1	0.1	0.09948	0.1
Lower Lim.	0.09	0.07	0.06299	0.058

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				0.13 (J)
9/7/2016	0.03 (J)	0.12 (J)	0.15 (J)	
12/7/2016				0.13 (J)
12/8/2016	0.18 (J)	0.18 (J)	0.12 (J)	
3/21/2017				0.05 (J)
3/22/2017	0.09 (J)	0.08 (J)		
3/23/2017			0.14 (J)	
7/11/2017				0.05 (J)
7/12/2017	0.21 (J)	0.17 (J)	0.07 (J)	
10/18/2017	0.24 (J)	0.06 (J)		<0.1
10/19/2017			<0.3	
2/20/2018				0.3 (J)
2/21/2018	0.24 (J)	0.086 (J)	0.37	
7/11/2018				0.077 (J)
7/12/2018			0.17 (J)	
8/15/2018		<0.1		
8/16/2018	0.073 (J)			
9/13/2018		<0.1		<0.1
9/14/2018	<0.1		<0.3	
3/27/2019		<0.1		<0.1
3/28/2019	0.15 (J)		0.074 (J)	
8/21/2019				<0.1
8/22/2019	0.11 (J)	<0.1	0.1 (J)	
9/10/2019				<0.1
10/2/2019	0.063 (J)			
10/3/2019		0.043 (J)	0.084 (J)	
3/25/2020	<0.1			0.066 (J)
3/26/2020		<0.1	0.077 (J)	
8/26/2020	<0.1		0.062 (J)	0.057 (J)
8/27/2020		<0.1		
10/6/2020				0.052 (J)
10/7/2020	<0.1	<0.1	0.064 (J)	
3/3/2021			0.058 (J)	<0.1
3/4/2021	<0.1	<0.1		
9/15/2021				<0.1
9/16/2021	0.052 (J)	<0.1	0.067 (J)	
1/26/2022				<0.1
1/27/2022	<0.1	<0.1	0.056 (J)	
8/25/2022	0.078 (J)	0.052 (J)	0.086 (J)	0.074 (J)
2/14/2023				0.084 (J)
2/15/2023		<0.1	0.086 (J)	
2/16/2023	0.077 (J)			
9/20/2023	0.073 (J)	<0.1	0.082 (J)	0.062 (J)
2/28/2024				0.07 (J)
2/29/2024	0.068 (J)	<0.1	0.078 (J)	
8/14/2024		<0.1	0.065 (J)	<0.1
8/15/2024	<0.1			
3/12/2025	<0.1	<0.1	0.055 (J)	
3/13/2025				<0.1
9/3/2025			0.058 (J)	
9/4/2025	<0.1	<0.1		<0.1
Mean	0.1098	0.09963	0.103	0.09592

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

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
Std. Dev.	0.05524	0.02908	0.06698	0.04913
Upper Lim.	0.108	0.12	0.14	0.1
Lower Lim.	0.061	0.086	0.064	0.066

Confidence Interval

Constituent: Fluoride (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33	PZ-57
9/8/2016	0.25 (J)		
12/8/2016	0.22 (J)	0.21 (J)	
3/22/2017	0.16 (J)		
3/23/2017		0.18 (J)	
7/11/2017	0.23 (J)		
7/12/2017		0.06 (J)	
10/18/2017	0.28 (J)		
10/19/2017		<0.1	
2/21/2018	0.29 (J)	0.039 (J)	
7/12/2018	0.21 (J)	<0.1	
9/13/2018	0.22 (J)		
9/14/2018		<0.1	
10/4/2018		0.15 (J)	
3/27/2019	0.37		
3/28/2019		<0.1	
8/21/2019	0.11 (J)		
8/22/2019		<0.1	
10/2/2019	0.16 (J)		
10/3/2019		0.06 (J)	
3/25/2020	0.13 (J)		
3/26/2020		<0.1	
8/26/2020	0.14	<0.1	
10/7/2020	0.13	<0.1	
3/3/2021	0.12		
3/4/2021		<0.1	
9/15/2021	0.14		
9/16/2021		<0.1	
1/26/2022	0.11		
1/27/2022		<0.1	0.057 (J)
8/24/2022	0.15	0.092 (J)	
8/26/2022			0.083 (J)
2/15/2023	0.16		
2/16/2023		0.082 (J)	0.077 (J)
9/19/2023	0.14		
9/21/2023		0.074 (J)	0.074 (J)
2/27/2024	0.13		
2/29/2024		0.068 (J)	0.067 (J)
8/13/2024	0.12		
8/15/2024		<0.1	<0.1
3/12/2025	0.13		
3/13/2025		<0.1	<0.1
9/4/2025	0.098 (J)		
9/5/2025		0.077 (J)	0.073 (J)
Mean	0.1749	0.09967	0.07888
Std. Dev.	0.06906	0.03644	0.01508
Upper Lim.	0.2031	0.15	0.0805
Lower Lim.	0.1384	0.077	0.06317

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.001		
9/1/2016	<0.001		<0.001	
9/6/2016				<0.001
12/7/2016	<0.001	<0.001	<0.001	<0.001
3/21/2017		<0.001		
3/22/2017	<0.001		5E-05 (J)	<0.001
7/11/2017		<0.001		<0.001
7/12/2017	<0.001		<0.001	
10/18/2017		<0.001	<0.001	<0.001
10/19/2017	<0.001			
2/20/2018		<0.001		
2/21/2018	<0.001		<0.001	<0.001
7/11/2018		<0.001		
7/12/2018	<0.001		<0.001	<0.001
9/12/2018		<0.001		
9/13/2018	<0.001		<0.001	<0.001
8/21/2019		6.4E-05 (J)	<0.001	<0.001
8/22/2019	<0.001			
10/2/2019		<0.001	<0.001	8.1E-05 (J)
10/3/2019	<0.001			
3/25/2020		<0.001		
3/26/2020	<0.001		<0.001	<0.001
8/26/2020	<0.001	<0.001	<0.001	<0.001
10/6/2020		<0.001		<0.001
10/7/2020	<0.001		<0.001	
3/3/2021		<0.001		
3/4/2021	4.1E-05 (J)		<0.001	<0.001
9/15/2021		<0.001	<0.001	<0.001
9/16/2021	<0.001			
1/26/2022		<0.001	<0.001	<0.001
1/27/2022	<0.001			
8/25/2022	<0.001	<0.001	<0.001	<0.001
2/14/2023		<0.001		
2/15/2023	<0.001		<0.001	<0.001
9/19/2023				<0.001
9/20/2023	<0.001	<0.001	<0.001	
2/28/2024	<0.001		<0.001	
2/29/2024		<0.001		<0.001
8/14/2024		<0.001	<0.001	<0.001
8/15/2024	<0.001			
3/12/2025		<0.001		<0.001
3/13/2025	<0.001		<0.001	
9/3/2025	<0.001			<0.001
9/4/2025			<0.001	
9/5/2025		<0.001		
Mean	0.0009583	0.0009593	0.0009587	0.00096
Std. Dev.	0.0002	0.0001952	0.0001981	0.0001916
Upper Lim.	0.001	0.001	0.001	0.001
Lower Lim.	4.1E-05	6.4E-05	5E-05	8.1E-05

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-18	PZ-19	PZ-23A	PZ-25
8/31/2016			<0.001	
9/7/2016	<0.001	<0.001		
9/8/2016				<0.001
12/7/2016			<0.001	
12/8/2016	<0.001	<0.001		<0.001
3/21/2017			<0.001	
3/22/2017	<0.001			<0.001
3/23/2017		<0.001		
7/11/2017			<0.001	<0.001
7/12/2017	<0.001	<0.001		
10/18/2017	<0.001		<0.001	<0.001
10/19/2017		<0.001		
2/20/2018			<0.001	
2/21/2018	0.00043 (J)	<0.001		<0.001
7/11/2018			<0.001	
7/12/2018		<0.001		<0.001
8/15/2018	<0.001			
9/13/2018	<0.001		<0.001	<0.001
9/14/2018		<0.001		
8/21/2019			<0.001	0.00041 (J)
8/22/2019	<0.001	<0.001		
9/10/2019			<0.001	
10/2/2019				<0.001
10/3/2019	<0.001	<0.001		
3/25/2020			0.00015 (J)	<0.001
3/26/2020	<0.001	<0.001		
8/26/2020		<0.001	<0.001	<0.001
8/27/2020	<0.001			
10/6/2020			4.7E-05 (J)	
10/7/2020	4.2E-05 (J)	4.2E-05 (J)		<0.001
3/3/2021		<0.001	5.8E-05 (J)	<0.001
3/4/2021	<0.001			
9/15/2021			<0.001	<0.001
9/16/2021	<0.001	<0.001		
1/26/2022			<0.001	<0.001
1/27/2022	<0.001	<0.001		
8/24/2022				<0.001
8/25/2022	<0.001	<0.001	<0.001	
2/14/2023			<0.001	
2/15/2023	<0.001	<0.001		<0.001
9/19/2023				<0.001
9/20/2023	<0.001	<0.001	<0.001	
2/27/2024				<0.001
2/28/2024			<0.001	
2/29/2024	<0.001	<0.001		
8/13/2024				<0.001
8/14/2024	<0.001	<0.001	<0.001	
3/12/2025	<0.001	<0.001		<0.001
3/13/2025			<0.001	
9/3/2025		<0.001		
9/4/2025	<0.001		<0.001	<0.001
Mean	0.0009336	0.0009583	0.0008807	0.0009743

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

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-18	PZ-19	PZ-23A	PZ-25
Std. Dev.	0.0002278	0.0001998	0.0003155	0.000123
Upper Lim.	0.001	0.001	0.001	0.001
Lower Lim.	0.00043	4.2E-05	0.00015	0.00041

Confidence Interval

Constituent: Lead (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-33
12/8/2016	<0.001
3/23/2017	9E-05 (J)
7/12/2017	<0.001
10/19/2017	<0.001
2/21/2018	<0.001
7/12/2018	<0.001
9/14/2018	<0.001
10/4/2018	<0.001
8/22/2019	<0.001
10/3/2019	4.7E-05 (J)
3/26/2020	<0.001
8/26/2020	<0.001
10/7/2020	<0.001
3/4/2021	<0.001
9/16/2021	<0.001
1/27/2022	<0.001
8/24/2022	<0.001
2/16/2023	<0.001
9/21/2023	<0.001
2/29/2024	<0.001
8/15/2024	<0.001
3/13/2025	<0.001
9/5/2025	<0.001
Mean	0.000919
Std. Dev.	0.0002684
Upper Lim.	0.001
Lower Lim.	9E-05

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.03		
9/1/2016	0.0022 (J)		<0.03	
9/6/2016				<0.03
12/7/2016	0.0023 (J)	0.003 (J)	<0.03	<0.03
3/21/2017		<0.03		
3/22/2017	0.0025 (J)		0.0011 (J)	<0.03
7/11/2017		<0.03		<0.03
7/12/2017	0.0033 (J)		<0.03	
10/18/2017		<0.03	<0.03	<0.03
10/19/2017	<0.25			
2/20/2018		<0.03		
2/21/2018	0.0034 (J)		<0.03	<0.03
7/11/2018		<0.03		
7/12/2018	0.0038 (J)		0.0012 (J)	<0.03
9/12/2018		<0.03		
9/13/2018	0.0026 (J)		0.0013 (J)	<0.03
8/21/2019		<0.03	0.0013 (J)	<0.03
8/22/2019	0.0029 (J)			
10/2/2019		<0.03	0.0013 (J)	<0.03
10/3/2019	0.0032 (J)			
3/25/2020		<0.03		
3/26/2020	0.0031 (J)		0.0014 (J)	<0.03
8/26/2020	0.0023 (J)	<0.03	0.0013 (J)	<0.03
10/6/2020		<0.03		<0.03
10/7/2020	0.0023 (J)		0.0013 (J)	
3/3/2021		<0.03		
3/4/2021	0.0031 (J)		0.0014 (J)	<0.03
9/15/2021		<0.03	0.0013 (J)	<0.03
9/16/2021	0.0025 (J)			
1/26/2022		<0.03	0.0013 (J)	<0.03
1/27/2022	0.0039 (J)			
8/25/2022	0.003 (J)	<0.03	0.0012 (J)	<0.03
2/14/2023		<0.03		
2/15/2023	0.0037 (J)		0.001 (J)	<0.03
9/19/2023				<0.03
9/20/2023	0.0023 (J)	<0.03	0.0014 (J)	
2/28/2024	0.0024 (J)		<0.03	
2/29/2024		<0.03		<0.03
8/14/2024		<0.03	<0.03	<0.03
8/15/2024	0.0025 (J)			
3/12/2025		0.00112 (J)		0.0013 (J)
3/13/2025	0.00215 (J)		0.00121 (J)	
9/3/2025	0.00195 (J)			0.000621 (J)
9/4/2025			0.0015 (J)	
9/5/2025		0.000609 (J)		
Mean	0.008104	0.02629	0.01002	0.02747
Std. Dev.	0.02549	0.009795	0.01351	0.008367
Upper Lim.	0.0033	0.03	0.03	0.03
Lower Lim.	0.0023	0.003	0.00121	0.0013

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.03
9/7/2016	<0.03	<0.05	0.0082 (J)	
12/7/2016				<0.03
12/8/2016	<0.03	<0.05	0.0061 (J)	
3/21/2017				<0.03
3/22/2017	0.0021 (J)	0.0029 (J)		
3/23/2017			0.0122 (J)	
7/11/2017				<0.03
7/12/2017	0.002 (J)	0.0024 (J)	0.013 (J)	
10/18/2017	0.002 (J)	0.0027 (J)		<0.03
10/19/2017			0.013 (J)	
2/20/2018				<0.03
2/21/2018	0.0022 (J)	0.0021 (J)	0.0085 (J)	
7/11/2018				<0.03
7/12/2018			0.013 (J)	
8/15/2018		0.0027 (J)		
8/16/2018	0.0027 (J)			
9/13/2018		0.0029 (J)		<0.03
9/14/2018	0.0025 (J)		0.018 (J)	
8/21/2019				0.0009 (J)
8/22/2019	0.0025 (J)	0.0026 (J)	0.012 (J)	
9/10/2019				<0.03
10/2/2019	0.0024 (J)			
10/3/2019		0.0027 (J)	0.016 (J)	
3/25/2020	0.003 (J)			0.0011 (J)
3/26/2020		0.0027 (J)	0.013 (J)	
8/26/2020	0.0028 (J)		0.011 (J)	0.0011 (J)
8/27/2020		0.0025 (J)		
10/6/2020				0.00097 (J)
10/7/2020	0.0029 (J)	0.003 (J)	0.013 (J)	
3/3/2021			0.015 (J)	0.001 (J)
3/4/2021	0.002 (J)	0.0029 (J)		
9/15/2021				0.00085 (J)
9/16/2021	0.0021 (J)	0.0023 (J)	0.013 (J)	
1/26/2022				<0.03
1/27/2022	0.0022 (J)	0.003 (J)	0.016 (J)	
8/25/2022	0.0018 (J)	0.0033 (J)	0.012 (J)	<0.03
2/14/2023				<0.03
2/15/2023		0.0027 (J)	0.011 (J)	
2/16/2023	0.0014 (J)			
9/20/2023	0.0012 (J)	0.0028 (J)	0.014 (J)	0.00088 (J)
2/28/2024				<0.03
2/29/2024	<0.03	0.0054 (J)	0.012 (J)	
8/14/2024		0.0041 (J)	0.012 (J)	<0.03
8/15/2024	<0.03			
3/12/2025	0.00101 (J)	0.00579 (J)	0.0157 (J)	
3/13/2025				<0.03
9/3/2025			0.0114	
9/4/2025	0.00106 (J)	0.00427		0.00136 (J)
Mean	0.006951	0.005033	0.01257	0.01992
Std. Dev.	0.01083	0.006367	0.002672	0.01411
Upper Lim.	0.0029	0.0041	0.01397	0.03

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

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/13/2025 8:58 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
Lower Lim.	0.0018	0.0026	0.01117	0.0011

Confidence Interval

Constituent: Lithium (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-57
9/8/2016	0.0038 (J)	
12/8/2016	0.0038 (J)	
3/22/2017	0.0068 (J)	
7/11/2017	0.0059 (J)	
10/18/2017	0.0057 (J)	
2/21/2018	0.0063 (J)	
7/12/2018	0.0063 (J)	
9/13/2018	0.0061 (J)	
8/21/2019	0.0072 (J)	
10/2/2019	0.0074 (J)	
3/25/2020	0.0066 (J)	
8/26/2020	0.0065 (J)	
10/7/2020	0.0063 (J)	
3/3/2021	0.0061 (J)	
9/15/2021	0.0061 (J)	
1/26/2022	0.008 (J)	
1/27/2022		0.002 (J)
8/24/2022	0.0073 (J)	
8/26/2022		0.0013 (J)
2/15/2023	0.0057 (J)	
2/16/2023		0.00082 (J)
9/19/2023	0.0064 (J)	
9/21/2023		0.00089 (J)
2/27/2024	0.007 (J)	
2/29/2024		<0.03
8/13/2024	0.0064 (J)	
8/15/2024		<0.03
3/12/2025	0.00835 (J)	
3/13/2025		0.000708 (J)
9/4/2025	0.00737	
9/5/2025		0.00078 (J)
Mean	0.00641	0.008312
Std. Dev.	0.001074	0.01339
Upper Lim.	0.006971	0.03
Lower Lim.	0.005848	0.000708

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.0002		
9/1/2016	<0.0002		<0.0002	
9/6/2016				<0.0002
12/7/2016	6E-05 (J)	7E-05 (J)	<0.0002	<0.0002
3/21/2017		<0.0002		
3/22/2017	<0.0002		<0.0002	<0.0002
7/11/2017		<0.0002		<0.0002
7/12/2017	<0.0002		<0.0002	
10/18/2017		<0.0002	<0.0002	<0.0002
10/19/2017	<0.0002			
2/20/2018		<0.0002		
2/21/2018	5.3E-05 (J)		9.7E-05 (J)	6.8E-05 (J)
7/11/2018		<0.0002		
7/12/2018	<0.0002		<0.0002	<0.0002
9/12/2018		<0.0002		
9/13/2018	<0.0002		<0.0002	<0.0002
8/21/2019		<0.0002	<0.0002	<0.0002
8/22/2019	<0.0002			
8/26/2020	<0.0002	0.00015 (J)	<0.0002	<0.0002
10/6/2020		<0.0002		<0.0002
10/7/2020	<0.0002		<0.0002	
3/3/2021		<0.0002		
3/4/2021	<0.0002		<0.0002	<0.0002
9/15/2021		<0.0002	<0.0002	<0.0002
9/16/2021	<0.0002			
1/26/2022		<0.0002	<0.0002	<0.0002
1/27/2022	<0.0002			
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002
2/14/2023		<0.0002		
2/15/2023	<0.0002		<0.0002	<0.0002
9/19/2023				<0.0002
9/20/2023	<0.0002	<0.0002	<0.0002	
2/28/2024	<0.0002		<0.0002	
2/29/2024		<0.0002		<0.0002
8/14/2024		<0.0002	<0.0002	<0.0002
8/15/2024	<0.0002			
3/12/2025		<0.0002		<0.0002
3/13/2025	<0.0002		<0.0002	
9/3/2025	<0.0002			<0.0002
9/4/2025			<0.0002	
9/5/2025		<0.0002		
Mean	0.0001863	0.0001914	0.0001951	0.0001937
Std. Dev.	4.318E-05	2.988E-05	2.248E-05	2.88E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002
Lower Lim.	6E-05	0.00015	9.7E-05	6.8E-05

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.0002
9/7/2016	<0.0002	<0.0002	<0.0002	
12/7/2016				9E-05 (J)
12/8/2016	<0.0002	<0.0002	<0.0002	
3/21/2017				<0.0002
3/22/2017	<0.0002	<0.0002		
3/23/2017			<0.0002	
7/11/2017				<0.0002
7/12/2017	<0.0002	<0.0002	<0.0002	
10/18/2017	<0.0002	<0.0002		<0.0002
10/19/2017			<0.0002	
2/20/2018				<0.0002
2/21/2018	8.6E-05 (J)	5.7E-05 (J)	4.5E-05 (J)	
7/11/2018				<0.0002
7/12/2018			<0.0002	
8/15/2018		<0.0002		
8/16/2018	<0.0002			
9/13/2018		<0.0002		<0.0002
9/14/2018	<0.0002		<0.0002	
8/21/2019				<0.0002
8/22/2019	<0.0002	<0.0002	<0.0002	
8/26/2020	<0.0002		0.0001 (J)	0.00017 (J)
8/27/2020		<0.0002		
10/6/2020				<0.0002
10/7/2020	<0.0002	<0.0002	<0.0002	
3/3/2021			<0.0002	<0.0002
3/4/2021	<0.0002	<0.0002		
9/15/2021				<0.0002
9/16/2021	<0.0002	<0.0002	<0.0002	
1/26/2022				<0.0002
1/27/2022	<0.0002	<0.0002	<0.0002	
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002
2/14/2023				<0.0002
2/15/2023		<0.0002	<0.0002	
2/16/2023	<0.0002			
9/20/2023	<0.0002	<0.0002	<0.0002	<0.0002
2/28/2024				<0.0002
2/29/2024	<0.0002	<0.0002	<0.0002	
8/14/2024		<0.0002	<0.0002	<0.0002
8/15/2024	<0.0002			
3/12/2025	<0.0002	<0.0002	<0.0002	
3/13/2025				<0.0002
9/3/2025			<0.0002	
9/4/2025	<0.0002	<0.0002		<0.0002
Mean	0.0001946	0.0001932	0.0001879	0.0001933
Std. Dev.	2.488E-05	3.121E-05	3.932E-05	2.456E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002
Lower Lim.	8.6E-05	5.7E-05	0.0001	0.00017

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

Confidence Interval

Constituent: Mercury (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33
9/8/2016	<0.0002	
12/8/2016	<0.0002	<0.0002
3/22/2017	<0.0002	
3/23/2017		<0.0002
7/11/2017	<0.0002	
7/12/2017		<0.0002
10/18/2017	<0.0002	
10/19/2017		<0.0002
2/21/2018	5.3E-05 (J)	4.3E-05 (J)
7/12/2018	<0.0002	<0.0002
9/13/2018	<0.0002	
9/14/2018		4.1E-05 (J)
10/4/2018		<0.0002
8/21/2019	<0.0002	
8/22/2019		<0.0002
8/26/2020	<0.0002	0.00011 (J)
10/7/2020	<0.0002	<0.0002
3/3/2021	<0.0002	
3/4/2021		<0.0002
9/15/2021	<0.0002	
9/16/2021		<0.0002
1/26/2022	<0.0002	
1/27/2022		<0.0002
8/24/2022	0.00018 (J)	<0.0002
10/11/2022	<0.0002	
2/15/2023	<0.0002	
2/16/2023		<0.0002
9/19/2023	<0.0002	
9/21/2023		<0.0002
2/27/2024	<0.0002	
2/29/2024		<0.0002
8/13/2024	<0.0002	
8/15/2024		<0.0002
3/12/2025	<0.0002	
3/13/2025		<0.0002
9/4/2025	<0.0002	
9/5/2025		<0.0002
Mean	0.0001924	0.0001807
Std. Dev.	3.143E-05	5.009E-05
Upper Lim.	0.0002	0.0002
Lower Lim.	0.00018	0.00011

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-14	PZ-15	PZ-16	PZ-17
8/31/2016	<0.01			
9/1/2016		<0.01		
9/6/2016			<0.01	
9/7/2016				<0.01
12/7/2016	<0.01	<0.01	<0.01	
12/8/2016				<0.01
3/21/2017	0.0005 (J)			
3/22/2017		0.0004 (J)	0.0004 (J)	0.0004 (J)
7/11/2017	<0.01		<0.01	
7/12/2017		<0.01		<0.01
10/18/2017	<0.01	<0.01	<0.01	<0.01
2/20/2018	<0.01			
2/21/2018		<0.01	<0.01	<0.01
7/11/2018	<0.01			
7/12/2018		<0.01	<0.01	
8/16/2018				<0.01
9/12/2018	<0.01			
9/13/2018		<0.01	<0.01	
9/14/2018				<0.01
8/21/2019	<0.01	<0.01	<0.01	
8/22/2019				<0.01
10/2/2019	<0.01	<0.01	<0.01	<0.01
3/25/2020	<0.01			<0.01
3/26/2020		<0.01	<0.01	
8/26/2020	<0.01	<0.01	<0.01	<0.01
10/6/2020	<0.01		<0.01	
10/7/2020		<0.01		<0.01
3/3/2021	<0.01			
3/4/2021		<0.01	<0.01	<0.01
9/15/2021	<0.01	<0.01	<0.01	
9/16/2021				<0.01
1/26/2022	<0.01	<0.01	<0.01	
1/27/2022				<0.01
8/25/2022	<0.01	<0.01	<0.01	<0.01
2/14/2023	<0.01			
2/15/2023		<0.01	<0.01	
2/16/2023				<0.01
9/19/2023			<0.01	
9/20/2023	<0.01	<0.01		<0.01
2/28/2024		<0.01		
2/29/2024	<0.01		<0.01	<0.01
8/14/2024	<0.01	<0.01	<0.01	
8/15/2024				<0.01
3/12/2025	<0.01		<0.01	<0.01
3/13/2025		<0.01		
9/3/2025			<0.01	
9/4/2025		<0.01		<0.01
9/5/2025	<0.01			
Mean	0.009587	0.009583	0.009583	0.009583
Std. Dev.	0.001981	0.002002	0.002002	0.002002
Upper Lim.	0.01	0.01	0.01	0.01
Lower Lim.	0.0005	0.0004	0.0004	0.0004

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-19	PZ-23A	PZ-25	PZ-57
8/31/2016		<0.01		
9/7/2016	0.0027 (J)			
9/8/2016			<0.01	
12/7/2016		<0.01		
12/8/2016	0.0022 (J)		<0.01	
3/21/2017		0.0006 (J)		
3/22/2017			0.001 (J)	
3/23/2017	0.0025 (J)			
7/11/2017		<0.01	<0.01	
7/12/2017	0.0022 (J)			
10/18/2017		<0.01	<0.01	
10/19/2017	0.0021 (J)			
2/20/2018		<0.01		
2/21/2018	<0.01		<0.01	
7/11/2018		<0.01		
7/12/2018	0.0022 (J)		<0.01	
9/13/2018		<0.01	<0.01	
9/14/2018	0.0023 (J)			
8/21/2019		<0.01	0.0014 (J)	
8/22/2019	0.0021 (J)			
9/10/2019		<0.01		
10/2/2019			<0.01	
10/3/2019	0.0024 (J)			
3/25/2020		0.0011 (J)	<0.01	
3/26/2020	0.0021 (J)			
8/26/2020	0.002 (J)	<0.01	<0.01	
10/6/2020		<0.01		
10/7/2020	0.0019 (J)		<0.01	
3/3/2021	0.0021 (J)	<0.01	<0.01	
9/15/2021		<0.01	<0.01	
9/16/2021	0.0021 (J)			
1/26/2022		<0.01	<0.01	
1/27/2022	0.0022 (J)			0.00085 (J)
8/24/2022			<0.01	
8/25/2022	0.0017 (J)	<0.01		
8/26/2022				<0.01
2/14/2023		<0.01		
2/15/2023	0.0016 (J)		<0.01	
2/16/2023				<0.01
9/19/2023			<0.01	
9/20/2023	0.0019 (J)	<0.01		
9/21/2023				<0.01
2/27/2024			<0.01	
2/28/2024		<0.01		
2/29/2024	0.0018 (J)			<0.01
8/13/2024			<0.01	
8/14/2024	0.0023 (J)	<0.01		
8/15/2024				<0.01
3/12/2025	<0.01		<0.01	
3/13/2025		<0.01		<0.01
9/3/2025	0.0028 (J)			
9/4/2025		<0.01	<0.01	

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

Confidence Interval

Constituent: Molybdenum (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-19	PZ-23A	PZ-25	PZ-57
9/5/2025				<0.01
Mean	0.0024	0.009204	0.009235	0.008856
Std. Dev.	0.0008676	0.002637	0.002536	0.003235
Upper Lim.	0.0024	0.01	0.01	0.01
Lower Lim.	0.002	0.0011	0.0014	0.00085

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-18
8/31/2016		0.0012 (J)		
9/1/2016	<0.005		<0.005	
9/7/2016				<0.005
12/7/2016	<0.005	<0.005	<0.005	
12/8/2016				<0.005
3/21/2017		<0.005		
3/22/2017	<0.005		<0.005	<0.005
7/11/2017		<0.005		
7/12/2017	<0.005		<0.005	<0.005
10/18/2017		<0.005	<0.005	<0.005
10/19/2017	<0.005			
2/20/2018		<0.005		
2/21/2018	<0.005		<0.005	<0.005
7/11/2018		<0.005		
7/12/2018	<0.005		<0.005	
8/15/2018				<0.005
9/12/2018		<0.005		
9/13/2018	<0.005		<0.005	<0.005
8/21/2019		<0.005	<0.005	
8/22/2019	<0.005			<0.005
10/2/2019		0.0015 (J)	<0.005	
10/3/2019	0.0017 (J)			<0.005
3/25/2020		<0.005		
3/26/2020	<0.005		<0.005	<0.005
8/26/2020	0.0018 (J)	<0.005	0.0018 (J)	
8/27/2020				<0.005
10/6/2020		<0.005		
10/7/2020	<0.005		<0.005	<0.005
3/3/2021		<0.005		
3/4/2021	0.0018 (J)		<0.005	<0.005
9/15/2021		<0.005	<0.005	
9/16/2021	<0.005			<0.005
1/26/2022		<0.005	<0.005	
1/27/2022	0.0018 (J)			<0.005
8/25/2022	0.0017 (J)	<0.005	<0.005	<0.005
2/14/2023		<0.005		
2/15/2023	0.0017 (J)		<0.005	<0.005
9/20/2023	0.0015 (J)	<0.005	<0.005	<0.005
2/28/2024	0.0019 (J)		<0.005	
2/29/2024		<0.005		<0.005
8/14/2024		<0.005	<0.005	<0.005
8/15/2024	0.0011 (J)			
3/12/2025		<0.005		0.0014 (J)
3/13/2025	<0.005		<0.005	
9/3/2025	0.0013 (J)			
9/4/2025			<0.005	<0.005
9/5/2025		<0.005		
Mean	0.003535	0.004683	0.004861	0.004843
Std. Dev.	0.001716	0.001053	0.0006672	0.0007507
Upper Lim.	0.005	0.005	0.005	0.005
Lower Lim.	0.0017	0.0015	0.0018	0.0014

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

Confidence Interval

Constituent: Selenium (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-19	PZ-23A	PZ-57
8/31/2016		0.0014 (J)	
9/7/2016	<0.01		
12/7/2016		<0.01	
12/8/2016	<0.01		
3/21/2017		<0.01	
3/23/2017	<0.01		
7/11/2017		<0.01	
7/12/2017	<0.01		
10/18/2017		<0.01	
10/19/2017	<0.01		
2/20/2018		<0.01	
2/21/2018	<0.01		
7/11/2018		<0.01	
7/12/2018	<0.01		
9/13/2018		<0.01	
9/14/2018	0.0015 (J)		
8/21/2019		0.0022 (J)	
8/22/2019	<0.01		
9/10/2019		0.0018 (J)	
10/3/2019	0.0034 (J)		
3/25/2020		0.003 (J)	
3/26/2020	0.0016 (J)		
8/26/2020	0.0031 (J)	0.0026 (J)	
10/6/2020		0.0027 (J)	
10/7/2020	0.0035 (J)		
3/3/2021	0.0033 (J)	0.0025 (J)	
9/15/2021		0.0024 (J)	
9/16/2021	0.0033 (J)		
1/26/2022		0.0023 (J)	
1/27/2022	0.005		<0.005
8/25/2022	0.0019 (J)	0.0023 (J)	
8/26/2022			<0.005
2/14/2023		0.0015 (J)	
2/15/2023	0.0036 (J)		
2/16/2023			<0.005
9/20/2023	0.0024 (J)	0.0023 (J)	
9/21/2023			<0.005
2/28/2024		0.0018 (J)	
2/29/2024	0.0043 (J)		<0.005
8/14/2024	0.0053	0.0019 (J)	
8/15/2024			0.001 (J)
3/12/2025	0.0022 (J)		
3/13/2025		0.0017 (J)	<0.005
9/3/2025	0.0051		
9/4/2025		0.0023 (J)	
9/5/2025			<0.005
Mean	0.00563	0.004552	0.0045
Std. Dev.	0.003409	0.003703	0.001414
Upper Lim.	0.01	0.01	0.005
Lower Lim.	0.0031	0.0019	0.001

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-7D	PZ-14	PZ-15	PZ-16
8/31/2016		<0.0005		
9/1/2016	<0.0005		<0.001	
9/6/2016				<0.0005
12/7/2016	<0.0005	<0.0005	<0.001	<0.0005
3/21/2017		6E-05 (J)		
3/22/2017	0.0002 (J)		<0.001	0.0002 (J)
7/11/2017		<0.0005		0.0002 (J)
7/12/2017	0.0001 (J)		<0.001	
10/18/2017		<0.0005	<0.001	0.0002 (J)
10/19/2017	0.0001 (J)			
2/20/2018		<0.0005		
2/21/2018	<0.0005		<0.001	0.00018 (J)
7/11/2018		<0.0005		
7/12/2018	<0.0005		<0.001	<0.0005
9/12/2018		<0.0005		
9/13/2018	<0.0005		<0.001	0.00017 (J)
8/21/2019		<0.0005	0.00022 (J)	5.7E-05 (J)
8/22/2019	8.6E-05 (J)			
10/2/2019		<0.0005	0.00016 (J)	5.3E-05 (J)
10/3/2019	7.8E-05 (J)			
3/25/2020		<0.0005		
3/26/2020	8.5E-05 (J)		0.00014 (J)	<0.0005
8/26/2020	<0.0005	<0.0005	0.00027 (J)	<0.0005
10/6/2020		<0.0005		<0.0005
10/7/2020	<0.0005		0.00022 (J)	
3/3/2021		<0.0005		
3/4/2021	<0.0005		0.00022 (J)	<0.0005
9/15/2021		<0.0005	0.0002 (J)	<0.0005
9/16/2021	<0.0005			
1/26/2022		<0.0005	<0.001	<0.0005
1/27/2022	<0.0005			
8/25/2022	<0.0005	<0.0005	<0.001	<0.0005
2/14/2023		<0.0005		
2/15/2023	<0.0005		<0.001	<0.0005
9/19/2023				<0.0005
9/20/2023	<0.0005	<0.0005	<0.001	
2/28/2024	<0.0005		<0.001	
2/29/2024		<0.0005		<0.0005
8/14/2024		<0.0005	<0.001	<0.0005
8/15/2024	<0.0005			
3/12/2025		<0.0005		<0.0005
3/13/2025	<0.0005		<0.001	
9/3/2025	<0.0005			<0.0005
9/4/2025			0.00016 (JCU)	
9/5/2025		<0.0005		
Mean	0.0003978	0.0004809	0.0007213	0.0003939
Std. Dev.	0.0001773	9.175E-05	0.0003909	0.0001677
Upper Lim.	0.0005	0.0005	0.001	0.0005
Lower Lim.	0.0002	6E-05	0.00022	0.0002

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016				<0.001
9/7/2016	<0.001	<0.001	<0.001	
12/7/2016				0.0002 (J)
12/8/2016	<0.001	<0.001	0.0003 (J)	
3/21/2017				0.0003 (J)
3/22/2017	<0.001	4E-05 (J)		
3/23/2017			0.0003 (J)	
7/11/2017				0.0002 (J)
7/12/2017	<0.001	<0.001	0.0004 (J)	
10/18/2017	<0.001	5E-05 (J)		0.0001 (J)
10/19/2017			0.0005 (J)	
2/20/2018				0.00026 (J)
2/21/2018	<0.001	<0.001	0.00049 (J)	
7/11/2018				0.00018 (J)
7/12/2018			0.00077 (J)	
8/15/2018		<0.001		
8/16/2018	<0.001			
9/13/2018		<0.001		<0.001
9/14/2018	<0.001		0.00076 (J)	
8/21/2019				0.00016 (J)
8/22/2019	0.00018 (J)	7E-05 (J)	0.00055 (J)	
9/10/2019				<0.001
10/2/2019	0.00016 (J)			
10/3/2019		<0.001	0.00071 (J)	
3/25/2020	0.0002 (J)			0.00015 (J)
3/26/2020		7.1E-05 (J)	0.00068 (J)	
8/26/2020	0.00025 (J)		0.00056 (J)	0.00016 (J)
8/27/2020		<0.001		
10/6/2020				<0.001
10/7/2020	0.00022 (J)	<0.001	0.0007 (J)	
3/3/2021			0.00072 (J)	0.00017 (J)
3/4/2021	0.00039 (J)	<0.001		
9/15/2021				<0.001
9/16/2021	0.00034 (J)	<0.001	0.00066 (J)	
1/26/2022				<0.001
1/27/2022	0.00038 (J)	<0.001	0.00063 (J)	
8/25/2022	0.00037 (J)	<0.001	0.00053 (J)	<0.001
2/14/2023				<0.001
2/15/2023		<0.001	0.00051 (J)	
2/16/2023	0.00038 (J)			
9/20/2023	0.00024 (J)	<0.001	0.00052 (J)	<0.001
2/28/2024				<0.001
2/29/2024	<0.001	<0.001	0.0005 (J)	
8/14/2024		<0.001	0.00045 (J)	<0.001
8/15/2024	<0.001			
3/12/2025	0.00035 (J)	<0.001	0.00054 (J)	
3/13/2025				<0.001
9/3/2025			0.00042 (J)	
9/4/2025	0.00032 (JCU)	0.00017 (JCU)		0.00017 (JCU)
Mean	0.0005991	0.0008	0.0005522	0.0006109
Std. Dev.	0.0003649	0.0003885	0.0001337	0.0004172
Upper Lim.	0.001	0.001	0.0006221	0.001

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

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-17	PZ-18	PZ-19	PZ-23A
Lower Lim.	0.00025	0.00017	0.0004822	0.00017

Confidence Interval

Constituent: Thallium (mg/L) Analysis Run 10/13/2025 8:59 AM View: Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell AP

	PZ-25	PZ-33
9/8/2016	<0.001	
12/8/2016	<0.001	<0.0005
3/22/2017	<0.001	
3/23/2017		0.0001 (J)
7/11/2017	<0.001	
7/12/2017		0.0001 (J)
10/18/2017	<0.001	
10/19/2017		0.0001 (J)
2/21/2018	<0.001	<0.0005
7/12/2018	<0.001	<0.0005
9/13/2018	<0.001	
9/14/2018		<0.0005
10/4/2018		<0.0005
8/21/2019	0.00046 (J)	
8/22/2019		0.00017 (J)
10/2/2019	0.00024 (J)	
10/3/2019		0.00018 (J)
3/25/2020	0.00037 (J)	
3/26/2020		0.00015 (J)
8/26/2020	0.00037 (J)	<0.0005
10/7/2020	0.00027 (J)	<0.0005
3/3/2021	0.00036 (J)	
3/4/2021		<0.0005
9/15/2021	0.00066 (J)	
9/16/2021		<0.0005
1/26/2022	0.00039 (J)	
1/27/2022		<0.0005
8/24/2022	0.00048 (J)	<0.0005
2/15/2023	0.00045 (J)	
2/16/2023		<0.0005
9/19/2023	0.00061 (J)	
9/21/2023		<0.0005
2/27/2024	0.00065 (J)	
2/29/2024		<0.0005
8/13/2024	0.0008 (J)	
8/15/2024		<0.0005
3/12/2025	0.00075 (J)	
3/13/2025		<0.0005
9/4/2025	0.00071	
9/5/2025		<0.0005
Mean	0.000677	0.0004043
Std. Dev.	0.0002802	0.0001656
Upper Lim.	0.001	0.0005
Lower Lim.	0.00039	0.00018

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

WSP