2023 ANNUAL GROUNDWATER MONITORING AND CORRECTIVE ACTION REPORT

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



PROJECT NO.: 6122-16-0170 JULY 31, 2023

WSP USA ENVIRONMENT & INFRASTRUCTURE, INC. 1075 BIG SHANTY ROAD, NW SUITE 100 KENNESAW, GEORGIA 30144

T+ 1 770-421-3400

WSP.COM





CERTIFICATION STATEMENT

This 2023 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 Environment & Infrastructure, 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(61).



Gregory J. Wrenn, P.E. Registered Professional Engineer Professional Engineer No. 025565

Rhonda N. Quinn, P.G.
Registered Professional Geologist
Georgia Registration #1031



SUMMARY

This summary of the 2023 Annual Groundwater Monitoring and Corrective Action Report provides the status of groundwater monitoring and corrective action program from July 2022 through June 2023 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 Environment & Infrastructure, 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 6¹ of the United States Environmental Protection Agency (US EPA) Coal Combustion Residual (CCR) Rule (40 Code of Federal Regulations [CFR] 257 Subpart D).

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



Plant Mitchell Ash Ponds A, 1, and 2

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. Because the units ceased receiving waste prior to October 19, 2015, Ash Ponds A, 1, and 2 are not subject to Federal monitoring requirements of the CCR rule. 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. The first detection monitoring event was conducted in March 2019 and the first assessment monitoring event was in October 2019.

¹1 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



Semi-annual groundwater monitoring events were conducted in August 2022 and February 2023 and the Site remains in assessment monitoring. The samples collected during the routine semi-annual monitoring events were analyzed for the full suite of Appendix III² and the full suite of Appendix IV³ constituents. Three wells were re-sampled in October 2022 for total dissolved solids and one well for mercury because of hold time exceedances in the laboratory. No re-sampling was conducted for the February 2023 event. Groundwater samples were submitted to Pace Analytical Services, LLC, for analysis. Per the CCR rule, groundwater results for August 2022 (including the October 2022 re-sampling results) and February 2023 were evaluated in accordance with the certified statistical methods. That evaluation showed statistically significant values of Appendix III constituents in wells provided in the tables 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 August 2022 and February 2023 sampling events.

Appendix III Constituents	August 2022
Boron	PZ-7D, PZ-15, PZ-16, PZ-18, PZ-19, PZ-25, PZ-33
Calcium	PZ-18, PZ-19, PZ-23A
Chloride	PZ-14, PZ-15, PZ-16, PZ-18, PZ-19
Fluoride	None
рН	PZ-14, 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
TDS	PZ-7D, PZ-15, PZ-17, PZ-18, PZ-19, PZ-23A
Appendix III Constituents	February 2023
Boron	PZ-7D, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25,
Boron	PZ-7D, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33
Boron Calcium	
	PZ-33
Calcium	PZ-33 PZ-7D, PZ-18, PZ-19, PZ-23A
Calcium Chloride	PZ-33 PZ-7D, PZ-18, PZ-19, PZ-23A PZ-14, PZ-15, PZ-16, PZ-18
Calcium Chloride Fluoride	PZ-33 PZ-7D, PZ-18, PZ-19, PZ-23A PZ-14, PZ-15, PZ-16, PZ-18 None
Calcium Chloride Fluoride pH	PZ-33 PZ-7D, PZ-18, PZ-19, PZ-23A PZ-14, PZ-15, PZ-16, PZ-18 None PZ-7D, PZ-18, PZ-19, PZ-23A

Based on review of the Appendix III and Appendix IV statistical results completed for the groundwater monitoring and corrective action program for August 2022 and February 2023, 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.

-

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



TABLE OF CONTENTS

1	INTRODUCTION	1
1.1	SITE DESCRIPTION AND BACKGROUND	1
1.2	REGIONAL GEOLOGY AND HYDROGEOLOGIC SETTING	
1.2.	1 SITE GEOLOGY	2
1.2.	2 SITE HYDROGEOLOGY	3
1.3	GROUNDWATER MONITORING SYSTEM	4
2	GROUNDWATER MONITORING ACTIVITES	5
2.1	MONITORING WELL INSTALLATION AND MAINTENACE	5
2.2	ASSESSMENT MONITORING	5
3	SAMPLE METHODOLOGY & ANALYSES	6
3.1	GROUNDWATER ELEVATION MEASUREMENT AND FLOW DIRECTION	
3.2	GROUNDWATER GRADIENT AND FLOW VELOCITY	7
3.3	GROUNDWATER SAMPLING	7
3.4	LABORATORY ANALYSES	8
3.5	GROUNDWATER ANALYTICAL RESULTS	8
3.6	QUALITY ASSURANCE & QUALITY CONTROL.	9
4	STATISTICAL ANALYSIS	. 11
4.1	STATISTICAL METHOD	. 11
4.1.	1 APPENDIX III STATISTICAL METHOD	11
4.1.	2 APPENDIX IV STATISTICAL METHOD	12
4.2	STATISTICAL ANALYSES RESULTS – APPENDIX III	. 13
4.3	STATISTICAL ANALYSES RESULTS – APPENDIX IV	. 13
5	MONITORING PROGRAM STATUS	. 14
6	CONCLUSIONS & FUTURE ACTIONS	. 15
7	REFERENCES	. 16



TABLES TABLE 1 SUMMARY OF DETECTION MONITORING WELL **CONSTRUCTION DATA** TABLE 2 SUMMARY OF PIEZOMETER CONSTRUCTION TABLE 3 **GROUNDWATER SAMPLING EVENTS** TABLE 4 SUMMARY OF GROUNDWATER **ELEVATIONS** TABLE 5 **GROUNDWATER FLOW VELOCITY CALCULATIONS** ANALYTICAL DATA SUMMARY TABLE 6 APPENDIX III - AUGUST 2022 AND FEBRUARY 2023 TABLE 7 ANALYTICAL DATA SUMMARY APPENDIX IV - AUGUST 2022 **AND FEBRUARY 2023** STATISTICAL METHOD TABLE 8 **SUMMARY** TABLE 9 SUMMARY OF GROUNDWATER PROTECTION STANDARDS

FIGURES

FIGURE 1	SITE LOCATION MAP
FIGURE 2	MONITORING NETWORK WELL
	LOCATION MAP
FIGURE 3	POTENTIOMETRIC SURFACE
	MAP- UPPER BEDROCK -
	AUGUST 23, 2022
FIGURE 4	POTENTIOMETRIC SURFACE
	MAP – UPPER BEDROCK-
	FEBRUARY 13, 2023



APPENDICES

APPENDIX A WELL REPAIRS AND INSPECTIONS

APPENDIX B LABORATORY ANALYTICAL AND FIELD

SAMPLING REPORTS - AUGUST 2022 AND

FEBRUARY 2023

APPENDIX C STATISTICAL ANALYSES



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 2023 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 annual report documents the activities completed from July 2022 through June 2023 in accordance with Georgia GA EPD Rule 391-3-4-.10(6)(c) and includes the semi-annual assessment monitoring events conducted in August 2022 and February 2023.

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 I, 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. Because the units ceased receiving waste prior to October 19, 2015, Ash Ponds A, 1, and 2 are not subject to Federal monitoring requirements of the CCR rule. 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. During this annual reporting period, two semi-annual assessment monitoring events were conducted in August 2022 and February 2023. The Site remains in assessment monitoring.

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 finegrained 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, 2022) 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, 2022), insitu 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 flow direction is present as indicated on **Figure 3**: **Potentiometric Surface Map – Upper Bedrock – August 23, 2022.**

As indicated on Figure 4: Potentiometric Surface Map - Upper Bedrock - February 13, 2023, groundwater flow in the bedrock aquifer is from the northern boundary toward the west-southwest, consistent with previously observed flow directions. Groundwater flow direction from the upgradient wells (Table 1) is towards Ash Pond 1 and towards the Flint River. In the Ash Ponds 1 and 2 area of the Site there is a groundwater flow toward the west-southwest and a flow direction toward the east-southeast. The easterly flow for this event is believed to be from the influence of rainfall prior to the water level measurements and elevated river level. On February 11-12, 2023, approximately 2.56 inches of rain was measured by the on-site rain gauge. On February 13, 2023, the water level in the Flint River adjacent to the Site was above the top of the riverbank. The groundwater elevations measured on February 13, 2023 for the semi-annual event were on average about eight feet higher than the groundwater elevations measured during the August 23, 2022 semi-annual event. With an easterly groundwater flow during the February 2023 event, the eastern side of Ash Ponds 1 and 2 was monitored by detection wells PZ-23A, PZ-33, and PZ-14. The February 2023 Appendix III and IV constituent concentrations in these three wells were very similar to the August 2022 concentrations. Although the upgradient wells also showed higher groundwater elevations during the February 2023 event, the flow direction remained consistent to the west-southwest, and consistent with historical measurements.



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 Summary of Detection Monitoring Well 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 2: Summary of Piezometer Construction).



2 GROUNDWATER MONITORING ACTIVITES

As required by 257.90(e), the following describes monitoring-related activities performed from July 2022 through June 2023. The groundwater sampling was performed in August 2022 and February 2023 for assessment monitoring in accordance with § 257.93. Samples were collected from each of the monitoring wells listed in **Table 3**: **Groundwater Sampling Events**.

2.1 MONITORING WELL INSTALLATION AND 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 August 2022 and February 2023, 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 August/October 2022 and February 2023 events and are summarized in the well repair memos in Appendix A.
- Sediment was encountered in the water column and in the bottom of water-level measurement piezometer MW-102. On August 26, 2022, the piezometer was redeveloped by surging and pumping to remove the sediment. The re-development data is 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).

Two semi-annual assessment monitoring events were conducted during this reporting period in August 2022 and February 2023. 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 August 2022 monitoring event (including the October 2022 re-sampling) and February 2023 are included in Appendix B: Laboratory Analytical and Field Sampling Reports.



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 August 2022 and February 2023 monitoring events are summarized in **Table 4**: **Summary of Groundwater Elevations**. Groundwater elevation data from the monitoring events were used to develop potentiometric surface elevation contour maps (**Figure 3**: **Potentiometric Surface Map – Upper Bedrock – August 23, 2022 and Figure 4**: **Potentiometric Surface Map – Upper Bedrock – February 13, 2023**). The August 2022 and February 2023 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 to the west-southwest. The groundwater flow pattern observed during the August 2022 monitoring event is consistent with conditions observed during previous monitoring events.

As indicated on Figure 4: Potentiometric Surface Map - Upper Bedrock - February 13, 2023, groundwater flow in the bedrock aguifer is from the northern boundary toward the west-southwest, consistent with previously observed flow directions. Groundwater flow direction from the upgradient wells (Table 1) is towards AP-1 and towards the Flint River. In the Ash Ponds 1 and 2 area of the Site there is a groundwater flow toward the westsouthwest and a flow direction toward the east-southeast. The easterly flow for this event is believed to be from the influence of rainfall prior to the water level measurements and elevated river level. On February 11-12, 2023, approximately 2.56 inches of rain was measured by the on-site rain gauge. On February 13, 2023, the water level in the Flint River adjacent to the Site was above the top of the riverbank. The groundwater elevations measured on February 13, 2023 for the semi-annual event were on average about eight feet higher than the groundwater elevations measured during the August 23, 2022 semiannual event. With an easterly groundwater flow during the February 2023 event, the eastern side of Ash Ponds 1 and 2 was monitored by detection wells PZ-23A, PZ-33, and PZ-14. The February 2023 Appendix III and IV constituent concentrations in these three wells were very similar to the August 2022 concentrations. Although the upgradient wells also showed higher groundwater elevations during the February 2023 event, the flow direction remained consistent to the west-southwest, and consistent with historical measurements.



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,

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 5: Groundwater Flow Velocity Calculations** summarizes the groundwater flow velocities. Results for groundwater flow velocities ranged from 0.010 to 0.039 feet/day (3.65 to 14.24 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 August 2022 and February 2023 monitoring events in accordance with § 257.93(a). Monitoring wells PZ-2D, PZ-25, and PZ-32 were resampled on October 11, 2022 for total dissolved solids (TDS) and well PZ-25 was also resampled for mercury. The re-sampling was conducted because the laboratory analyzed the initial four samples outside of the analytical method holding time. 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 \pm 10 percent or \pm 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
- Turbidity measurements less than 5 Nephelometric Turbidity Units, 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 the monitoring events are provided in **Appendix B**.

3.4 LABORATORY ANALYSES

The full suites of Appendix III and IV constituents were analyzed during the August 2022 and February 2023 semi-annual events. 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 Peachtree Corners, Georgia, Asheville, North Carolina, 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 the monitoring events are presented in **Appendix B**.

3.5 GROUNDWATER ANALYTICAL RESULTS

Table 6: Analytical Data Summary Appendix III – August 2022 and February 2023, summarizes the analytical data for the Appendix III constituents for the semi-annual monitoring events. The complete laboratory and field data sheets are included in Appendix B. Time series data for the Appendix III constituents are provided in Appendix C: Statistical Analyses.

Table 7: Analytical Data Summary Appendix IV – August 2022 and February 2023 summarizes the analytical data for the Appendix IV constituents for the August 2022 and February 2023 semi-annual monitoring events. The complete laboratory and field data sheets are included in **Appendix B**. Time series data for the Appendix IV constituents are provided in **Appendix C**.



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 20 groundwater samples. Field blanks were also collected to evaluate ambient conditions at the sampling locations at a rate of one QA/QC sample per 20 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 **Tables 6 and 7** provide concentrations from the most recent sampling events 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 relative percent differences (RPD) for the August 2022 and February 2023 parent and duplicate sample data (August 2022: PZ-1D/FD-01 and PZ-18/FD-02) and (February 2023: PZ-19/FD-01 and PZ-25/FD-02) for anions and metals data was less than 20 percent indicating good sampling precision. Because radium was not detected in either of the sample duplicate pairs (PZ-1D/FD-01 and PZ-18/FD-01 and PZ-18/FD-02 or PZ-19/FD-01 and PZ-25/FD-02), the radium RPD could not be calculated. RPDs are only evaluated for results greater than five time the analytical minimum detectable concentration.

Laboratory quality issues were identified with a few of the samples analyzed for TDS and mercury. The TDS samples from wells PZ-2D, PZ-25, and PZ-32 and the field blank sample, collected on August 24, 2022, were analyzed beyond the seven-day TDS analytical method holding time. The mercury sample from well PZ-25 was analyzed beyond the mercury analytical method 28-day holding time. Therefore, on October 11, 2022, wells PZ-2D, PZ-25, and PZ-32 were re-sampled for TDS analysis. Well PZ-25 was also resampled for mercury analysis. A field duplicate, equipment blank, and field blank were also collected during the re-sampling event. The October 11, 2022 results replaced the August 24, 2022 results for these four samples. The RPD for the parent and duplicate sample data (PZ-25/FD-01) for TDS data was less than 20 percent indicating good sampling precision. Because mercury was not detected in either sample duplicate pair (PZ-25/FD-01), the mercury RPD could not be calculated. No re-sampling was required for the February 2023 event.

Samples PZ-7D, PZ-15, PZ-16, PZ-17, PZ-18, PZ-23A, and FD-02, collected on August 25, 2022, required a five times dilution for boron to bring the concentration into the calibration range or to minimize matrix effects from the presence of elevated levels of non-target analytes or other matrix interference. The diluted concentrations were similar





to past detected concentrations in these wells. The PZ-14 boron sample had a non-detect result with the five times dilution and was re-analyzed at a one times dilution. No dilutions were required for the February 2023 samples. 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. 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 August 2022 and February 2023 semi-annual assessment monitoring events with the October 2022 resampling 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 August and October 2022, and February 2023. 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 8: 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 August 2022 and February 2023 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 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 August 2022 and February 2023



monitoring events and the October 2022 re-sampling 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 8**. 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, chromium, 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).

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, GA EPD has incorporated the updated 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:

- 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 specified GWPS

Following the above rule requirements, GWPSs were established for statistical comparison of Appendix IV constituents for the August 2022 and February 2023 sampling events. **Table 9: Summary of Groundwater Protection Standards** 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**: **Statistical Analyses**. 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: Statistical Analyses 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 August/October 2022 or the February 2023 sampling events.



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 August 2022 and February 2023 semi-annual events. No SSIs of the Appendix III constituents were detected in the October 2022 re-sampling event. No SSLs were identified for the Appendix IV constituents during the August/October 2022 or the February 2023 events. Pursuant to § 257.95, Georgia Power will continue assessment monitoring at Plant Mitchell Ash Ponds A, 1, and 2.



6 CONCLUSIONS & FUTURE ACTIONS

This 2023 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 Georgia Environmental Protection Division (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. Georgia Power has initiated assessment monitoring pursuant to the requirements of § 257.95. The next semi-annual assessment sampling event is planned for August 2023. The next semi-annual assessment monitoring event will include sampling and analysis of the full suites of Appendix III and Appendix IV constituents.



7 REFERENCES

- Clark, W.Z., and Zisa, A.C., 1976. Physiographic Map of Georgia: 1:2,000,000, Georgia Department of Natural Resources, Geologic and Water Resources Division, Atlanta, Georgia.
- Georgia Department of Natural Resources, Environmental Protection Division, November 2016. Solid Waste Management Coal Combustion Residuals 391-3-4-.10.
- Gordon, D.W., and Gonthier, G., 2017. Hydrology of the Claiborne Aquifer and Interconnection with the Upper Floridan Aquifer in Southwest Georgia: U.S. Geological Survey Scientific Investigations, Report 2017–5017, 49 p.
- Hayes, L.R., Maslia, M.L., Meeks, W.C., 1983. Hydrology and Model Evaluation of the Principal Artesian Aquifer, Dougherty Plain, Southwest Georgia: Georgia Geologic Survey Bulletin 97, 93 p.
- Hicks, D.W., Krause, R.E., and Clarke, J.S., 1981. Geohydrology of the Albany area, Georgia: Georgia Geologic Survey Information Circular 57, 31 p.
- Sanitas: Groundwater Statistical Software, Sanitas Technologies, Shawnee, KS, 2007. www.sanitastech.com.
- Southern Company Services, Inc., 1995a. A Chronological History of the Ash Ponds at Plant Mitchell, Albany, Georgia: Georgia Power Company.
- Southern Company Services, Inc., 1995b. Geophysical Survey Drawing E5330, Albany, Georgia: Georgia Power Company.
- Stewart, L.M., Warner, D., and Dawson, B.J., 1999. Hydrogeology and Water Quality of the Upper Floridan Aquifer, Western Albany Area, Georgia: U. S. Geological Survey Water-Resources Investigations, Report 99-4140, 49 p.
- US EPA, 2000. Guidance for Data Quality Assessment: Practical Methods for Data Analysis; US EPA QA/G-9, QA00 Update. Environmental Protection Agency Report US EPA/600/R-96/084, Office of Environmental Information, Washington, D.C.
- US EPA, 2009. Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March 2009.
- US EPA, 2011. Data Validation Standard Operating Procedures, Science and Ecosystem Support Division. Region IV. Athens, GA. September.
- US EPA, 2015. Federal Register. Volume 80. No. 74. Friday April 17, 2015. Part II. Environmental Protection Agency. 40 CFR Parts 257 and 261. Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule. [EPA-HQ-RCRA-2009-0640; FRL-9919-44-OSWER]. RIN-2050-AE81. April.
- US EPA, 2017. National Functional Guidelines for Inorganic Superfund Methods Data, Office of Superfund Remediation and Technology Innovation. OLEM 9355.0-135 [EPA-540-R-2017-001]. Washington, DC. January.



- Watson, T.W., 1981. Geohydrology of the Dougherty Plain and Adjacent Area Southwest, Georgia: Georgia Geologic Survey Hydrologic Atlas 5.
- Wood Environment & Infrastructure Solutions, Inc., March 2022. Hydrogeologic Assessment Report, Plant Mitchell Ash Ponds A, 1 & 2, Dougherty and Mitchell Counties, Georgia.
- Wood Environment & Infrastructure Solutions, Inc., March 2022. Groundwater Monitoring Plan, Plant Mitchell Ash Ponds A, 1 & 2, Dougherty and Mitchell Counties, Georgia.

TABLE 1 SUMMARY OF DETECTION MONITORING WELL CONSTRUCTION DATA

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

Putney, Georgia

Well Name	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Ground Surface Elevation (feet NAVD88) ⁽²⁾ (June 2020 Resurvey)	Top of Casing Elevation (feet NAVD88) ⁽²⁾ (June 2020 Resurvey)	Top of Screen Elevation (feet NAVD88) ⁽³⁾	Bottom of Screen Elevation (feet NAVD88) ⁽³⁾	Total Well Depth on Construction Log (feet below land surface)	Groundwater Zone Screened	Location
PZ-1D	6/11/2014	526353.9	2307362.8	193.44	196.44	125.8	115.8	78.0	Bedrock	Upgradient
PZ-2D	6/10/2014	526067.3	2308155.4	175.64	178.51	108.0	98.0	78.0	Bedrock	Upgradient
PZ-31	10/13/2016	526996.3	2306857.6	180.32	182.96	133.3	123.3	57.0	Bedrock	Upgradient
PZ-32	10/13/2016	526078.7	2307723.7	178.19	180.75	126.2	116.2	62.0	Bedrock	Upgradient
PZ-7D	6/3/2014	521425.1	2305995.3	170.28	173.08	123.7	113.7	57.0	Bedrock	Downgradient
PZ-14	7/25/2016	521473.1	2306804.8	180.85	183.46	140.9	130.9	50.0	Bedrock	Downgradient
PZ-15	7/23/2016	521600.2	2305357.3	167.38	170.37	97.4	87.4	80.0	Bedrock	Downgradient
PZ-16	7/25/2016	522125.0	2305359.9	171.21	173.92	131.2	121.2	50.0	Bedrock	Downgradient
PZ-17	7/22/2016	522587.9	2305886.7	170.12	172.91	120.1	110.1	60.0	Bedrock	Downgradient
PZ-18	7/23/2016	523145.7	2306142.3	167.34	170.11	117.3	107.3	60.0	Bedrock	Downgradient
PZ-19	7/13/2016	523582.1	2306153.6	169.40	172.05	120.4	110.4	60.0	Bedrock	Downgradient
PZ-23A	3/10/2020	523831.5	2307743.4	189.06	191.85	134.6	124.6	64.5	Bedrock	Downgradient
PZ-25	7/20/2016	524492.6	2306152.0	168.24	171.14	118.2	108.2	60.0	Bedrock	Downgradient
PZ-33	10/2/2016	522212.6	2307233.9	187.08	189.61	126.7	116.7	70.4	Bedrock	Downgradient
PZ-57 ⁽⁴⁾	11/4/2021	522849.9	2306107.5	166.54	169.35	107.0	97.0	70.0	Bedrock	Downgradient

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



SUMMARY OF PIEZOMETER CONSTRUCTION

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

Putney, Georgia

Well Name	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Ground Surface Elevation (feet NAVD88) ⁽²⁾ (June 2020 Re-survey)	Top of Casing Elevation (feet NAVD88) ⁽²⁾ (June 2020 Re-survey)	Top of Screen Elevation (feet NAVD88) ⁽³⁾	Bottom of Screen Elevation (feet NAVD88) ⁽³⁾	Total Well Depth on Construction Log (feet below land surface)	Groundwater Zone Screened	Location
PZ-01R	2/10/2016	524398.0 ⁽⁴⁾	2306492.9 ⁽⁴⁾	188.2 ⁽⁴⁾	191.87 ⁽⁴⁾	132.2	122.2	66.7	Overburden (Clay)/Bedrock	Downgradient
PZ-1S	6/11/2014	526357.1	2307356.7	193.43	196.52	145.8	135.8	58.0	Overburden (Clay)	Upgradient
PZ-02R	2/3/2016	522696.6 ⁽⁴⁾	2306666.5 ⁽⁴⁾	188.5 ⁽⁴⁾	191.66 ⁽⁴⁾	131.6	121.6	67.2	Overburden (Clay)/Bedrock	Downgradient
PZ-2S	6/10/2014	526066.7	2308163.4	175.63	178.61	131.6	121.6	54.4	Overburden (Sandy Clay)	Upgradient
PZ-3D	5/28/2014	525373.2	2307918.1	188.08	190.98	110.5	100.5	88.0	Bedrock	Upgradient
PZ-3S	5/28/2014	525365.6	2307918.8	188.14	191.12	138.5	128.5	60.0	Overburden (Sand/Clayey Sand)	Upgradient
PZ-4D	5/29/2014	524198.2	2308009.5	188.25	191.10	142.7	132.7	56.0	Bedrock	Downgradient
PZ-4S	5/29/2014	524192.1	2308005.0	188.42	191.20	163.8	153.8	35.0	Overburden (Sand/Clay)	Downgradient
PZ-6S	6/13/2014	522254.0	2307207.5	186.52	189.47	148.9	138.9	48.0	Overburden (Clay)	Downgradient
PZ-7S	6/3/2014	521424.4	2306002.8	170.10	173.10	146.5	136.5	34.0	Overburden (Clay)	Downgradient
PZ-8D	6/5/2014	521442.1	2305207.9	167.24	170.35	100.6	90.6	77.0	Bedrock	Downgradient
PZ-8S	6/5/2014	521440.2	2305217.4	167.67	170.78	142.9	132.9	35.2	Overburden (Sand)	Downgradient
PZ-9D	6/4/2014	521770.9	2305127.5	163.18	166.16	126.6	116.6	47.0	Bedrock	Downgradient
PZ-9S	6/5/2014	521763.7	2305125.7	163.06	166.02	145.5	135.5	28.0	Overburden (Sand)/Bedrock	Downgradient
PZ-10S	6/3/2014	522465.8	2305401.6	172.64	175.63	137.0	127.0	46.0	Bedrock	Downgradient
PZ-12S	6/4/2014	523794.9	2305676.8	170.93	173.92	133.3	123.3	48.0	Bedrock	Downgradient
PZ-13S	6/6/2014	524467.0	2305810.0	170.23	173.22	132.6	122.6	48.0	Overburden (Clay)	Downgradient
PZ-20	7/14/2016	524025.0	2306152.6	170.62	173.44	121.1	111.1	60.0	Bedrock	Downgradient
PZ-21	7/29/2016	524639.5	2306932.0	177.08	179.84	117.1	107.1	70.0	Bedrock	Downgradient
PZ-22	7/28/2016	524622.4	2307749.0	184.76	187.69	134.8	124.8	60.0	Bedrock	Downgradient
PZ-24A	3/6/2020	523151.8	2307445.9	192.25	194.97	142.3	132.3	60.0	Bedrock	Downgradient
PZ-27	10/4/2016	522440.4	2305235.1	161.88	164.58	123.6	113.6	48.3	Bedrock	Downgradient
PZ-28	10/13/2016	522953.9	2305347.3	163.49	165.96	126.5	116.5	47.0	Bedrock	Downgradient
PZ-29	10/4/2016	523857.8	2305593.0	170.42	173.18	123.9	113.9	56.5	Bedrock	Downgradient



SUMMARY OF PIEZOMETER CONSTRUCTION

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

Well Name	Installation Date	Northing ⁽¹⁾	Easting ⁽¹⁾	Ground Surface Elevation (feet NAVD88) ⁽²⁾ (June 2020 Re-survey)	Top of Casing Elevation (feet NAVD88) ⁽²⁾ (June 2020 Re-survey)	Top of Screen Elevation (feet NAVD88) ⁽³⁾	Bottom of Screen Elevation (feet NAVD88) ⁽³⁾	Total Well Depth on Construction Log (feet below land surface)	Groundwater Zone Screened	Location
MW-101	2/14/1995	524507.6	2306160.1	168.14	170.93	154.8	145.3	23.4	Overburden (Sand and Clay)	Downgradient
MW-102	2/22/1995	524508.2	2306153.6	168.10	170.93	132.3	122.8	45.9	Bedrock	Downgradient
MW-111	2/23/1995	521618.2	2305308.8	165.28	168.06	127.8	118.8	47.0	Bedrock	Downgradient
MW-113	2/21/1995	522357.4	2305578.4	171.88	174.61	129.6	120.1	52.4	Bedrock	Downgradient
MW-116	2/23/1995	523649.9	2306082.5	168.93	171.69	100.7	94.3	75.2	Bedrock	Downgradient
MW-120	2/24/1995	525216.0	2307100.9	191.03	193.79	152.8	143.3	48.3	Overburden (Clay)/Bedrock	Upgradient

Notes:

- (1) Coordinates are North American Datum of 1983 (NAD 83) (2011) Georgia State Plane, West Zone. Piezometers were re-surveyed by McKim & Creed, Inc. on June 15, 2020.
- (2) NAVD88 indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988. Piezometers were re-surveyed by McKim & Creed, Inc. on June 15, 2020.
- (3) Screen elevations calculated using depth below land surface and ground surface elevations from the June 2020 re-survey.
- (4) Coordinates and elevations for piezometers PZ-01R and PZ-02R are from E&CS Civil Field Services March 2, 2016.

PZ-01R and PZ-02R were not re-surveyed in June 2020 as the piezometers were not accessible due to construction activities.



GROUNDWATER SAMPLING EVENTS

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

		Summa	ry of Sampling	g Events	
Well ID	Hydraulic Location	August 24-26, 2022	October 11, 2022	February 13-16, 2023	Status of Monitoring Well
Purpose of S	Sampling Event	Assessment	Re-sample	Assessment	
ASH PONDS DETECTION	MONITORING WELL NETV	VORK		•	
PZ-1D	Upgradient	X		X	Assessment Monitoring
PZ-2D	Upgradient	X	Χ	X	Assessment Monitoring
PZ-31	Upgradient	X		X	Assessment Monitoring
PZ-32	Upgradient	X	Χ	X	Assessment Monitoring
PZ-7D	Downgradient	X		X	Assessment Monitoring
PZ-14	Downgradient	X		X	Assessment Monitoring
PZ-15	Downgradient	X		X	Assessment Monitoring
PZ-16	Downgradient	X		X	Assessment Monitoring
PZ-17	Downgradient	X		X	Assessment Monitoring
PZ-18	Downgradient	X		X	Assessment Monitoring
PZ-19	Downgradient	X		X	Assessment Monitoring
PZ-23A	Downgradient	X		X	Assessment Monitoring
PZ-25	Downgradient	Х	Х	X	Assessment Monitoring
PZ-33	Downgradient	X		X	Assessment Monitoring
PZ-57	Downgradient	X		X	Assessment Monitoring

- 1. X indicates well sampled during event
- 2. Wells PZ-2D, PZ-25, and PZ-32 were re-sampled on October 11, 2022 for Total Dissolved Solids.
- 3. Well PZ-25 was re-sampled for mercury on October 11, 2022.
- 4. October 11, 2022 sampling was for re-samples for TDS and mercury due to the laboratory analyzed the samples outside of the TDS and mercury analytical method holding times.



SUMMARY OF GROUNDWATER ELEVATIONS

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

Putney, Georgia

Well ID Measurement	Groundwater Zone Screened	Top of Casing Elevation (feet NAVD88) ⁽¹⁾ (June 2020	Depth to Water (feet below TOC) ⁽²⁾ 8/23/2022	Groundwater Elevation (feet NAVD88) ⁽³⁾ 8/23/2022	Depth to Water (feet below TOC) ⁽²⁾ 2/13/2023	Groundwater Elevation (feet NAVD88) ⁽³⁾ 2/13/2023
Date		Re-survey)	0/23/2022	0/23/2022	2/13/2023	2/13/2023
MW-101	Overburden (Sand and Clay)	170.93	23.16	147.77	10.32	160.61
MW-102	Bedrock	170.93	32.70	138.23	23.68	147.25
MW-111	Bedrock	168.06	30.36	137.70	22.02	146.04
MW-113	Bedrock	174.61	36.97	137.64	28.04	146.57
MW-116	Bedrock	171.69	34.09	137.60	25.16	146.53
MW-120	Overburden (Clay)/Bedrock	193.79	D	ry	46.15	147.64
PZ-1D	Bedrock	196.44	55.16	141.28	46.33	150.11
PZ-01R	Overburden (Clay)/Bedrock	191.87 ⁽⁴⁾	54.09	137.78	45.47	146.40
PZ-1S	Overburden (Clay)	196.52	41.54	154.98	38.95	157.57
PZ-2D	Bedrock	178.51	38.62	139.89	28.38	150.13
PZ-02R	Overburden (Clay)/Bedrock	191.66 ⁽⁴⁾	54.12	137.54	45.92	145.74
PZ-2S	Overburden (Sandy Clay)	178.61	38.69	139.92	28.53	150.08
PZ-3D	Bedrock	190.98	51.40	139.58	41.62	149.36
PZ-3S	Overburden (Sand/Clayey Sand)	191.12	49.15	141.97	39.65	151.47
PZ-4D	Bedrock	191.10	52.11	138.99	45.83	145.27
PZ-4S	Overburden (Sand/Clay)	191.20	30.75	160.45	23.18	168.02
PZ-6S	Overburden (Clay)	189.47	26.88	162.59	19.09	170.38
PZ-7D	Bedrock	173.08	35.95	137.13	26.90	146.18
PZ-7S	Overburden (Clay)	173.10	34.87	138.23	26.82	146.28
PZ-8D	Bedrock	170.35	32.75	137.60	24.74	145.61
PZ-8S	Overburden (Sand)	170.78	32.59	138.19	26.61	144.17
PZ-9D	Bedrock	166.16	28.74	137.42	20.81	145.35
PZ-9S	Overburden (Sand)/Bedrock	166.02	28.68	137.34	20.63	145.39
PZ-10S	Bedrock	175.63	38.35	137.28	29.94	145.69
PZ-12S	Bedrock	173.92	36.22	137.70	27.78	146.14
PZ-13S	Overburden (Clay)	173.22	35.06	138.16	26.24	146.98
PZ-14	Bedrock	183.46	45.87	137.59	38.54	144.92
PZ-15	Bedrock	170.37	33.60	136.77	24.87	145.50
PZ-16	Bedrock	173.92	36.63	137.29	28.62	145.30
PZ-17	Bedrock	172.91	35.56	137.35	26.43	146.48
PZ-18	Bedrock	170.11	32.68	137.43	24.22	145.89
PZ-19	Bedrock	172.05	34.47	137.58	25.88	146.17
PZ-20	Bedrock	173.44	35.79	137.65	27.08	146.36
PZ-21	Bedrock	179.84	41.31	138.53	33.09	146.75
PZ-22	Bedrock	187.69	48.88	138.81	40.83	146.86
PZ-23A	Bedrock	191.85	52.95	138.90	47.02	144.83
PZ-24A	Bedrock	194.97	56.59	138.38	50.28	144.69
PZ-25	Bedrock	171.14	32.91	138.23	23.87	147.27
PZ-27	Bedrock	164.58	27.31	137.27	19.22	145.36
PZ-28	Bedrock	165.96	28.57	137.39	20.15	145.81
PZ-29	Bedrock	173.18	35.41	137.77	26.94	146.24
PZ-31	Bedrock	182.96	41.76	141.20	34.72	148.24
PZ-32	Bedrock	180.75	40.70	140.05	30.34	150.41
PZ-33	Bedrock	189.61	51.68	137.93	44.36	145.25
PZ-57 ⁽⁴⁾	Bedrock	169.35	32.02	137.33	23.42	145.93

- (1) NAVD88 indicates feet (ft) in elevation referenced to the North American Vertical Datum 1988.
 - Elevations are from June 15, 2020 re-survey of the monitoring wells and piezometers by McKim & Creed, Inc.
- (2) TOC Top of Casing
- $(3) Groundwater elevations for 2022-2023 \ are \ calculated \ using \ TOC \ elevations from \ the \ June \ 15, 2020 \ re-survey.$
- (4) Coordinates and elevations for piezometers PZ-01R and PZ-02R are from E&CS Civil Field Services March 2, 2016.
 - PZ-01R and PZ-02R were not re-surveyed in June 2020 as the piezometers were not accessible due to construction activities.
- (5) Well PZ-57 construction was completed on November 4, 2021 and was surveyed December 10, 2021 by McKim & Creed, Inc.

 Groundwater elevations of wells and piezometers screened in the bedrock were used to generate potentiometric contours on the potentiometric maps.



GROUNDWATER FLOW VELOCITY CALCULATIONS

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

Potentiometric Map Date	Water-Bearing Zone	Location	Ground Elevation Pai (h ₁ ,	s in Well irs h ₂)	Change in Elevation (Δh) (feet)	Distance Between Location 1 and 2 Measured Along Flow Path (L) (feet)	Hydraulic Gradient (i) (feet/feet)	Average Hydraulic Conductivity (K) (feet/day)	Estimated Effective Porosity (n _e)	Calculated Groundwater Flow Velocity (V) (feet/day)	Calculated Groundwater Flow Velocity (V) (feet/year)
August 2022	Limestone	PZ-1D to PZ-01R	141.28	137.78	3.50	2094	0.002	3.04	0.20	0.025	9.13
August 2022	Limestone	PZ-4D to PZ-19	138.99	137.58	1.41	2056	0.001	3.04	0.20	0.010	3.65
February 2023	Limestone	PZ-1D to PZ-01R	150.11	146.40	3.71	2224	0.002	3.04	0.20	0.025	9.13
February 2023	Limestone	PZ-22 to PZ-23A	146.86	144.83	2.03	800	0.0025	3.04	0.20	0.039	14.24
February 2023	Limestone	PZ-25 to PZ-28	147.27	145.81	1.46	1750	0.001	3.04	0.20	0.013	4.75

- 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. Flow paths are illustraged on Figures 3 and 4 of this report.
- 4. Groundwater flow velocity equation: $V = (K * i)/n_e$



ANALYTICAL DATA SUMMARY APPENDIX III - AUGUST 2022 AND FEBRUARY 2023 Georgia Power Company - Plant Mitchell Ash Ponds A, 1, and 2 Putney, Georgia

Well Name	Sample Date	Boron	Calcium	Chloride	Fluoride	рН	Sulfate	TDS
PZ-1D	8/24/2022	O.O11 (J)	45.8	2.6	0.080 (J)	7.49	2.2	139
PZ-1D	2/14/2023	O.O11 (J)	56.2	3.0	0.063 (J)	7.43	1.6	200
PZ-2D	8/24/2022	0.012 (J)	27.3	2.1	0.088 (J)	8.01	2.0	287
PZ-2D	10/11/2022	NA	NA	NA	NA	7.94	NA	75.0
PZ-2D	2/14/2023	O.010 (J)	30.2	2.6	0.076 (J)	7.97	2.6	140
PZ-7D	8/25/2022	0.20	107	4.1	0.056 (J)	6.98	47.3	325
PZ-7D	2/15/2023	0.21	114	4.3	0.050 (J)	6.92	49.9	335
PZ-14	8/25/2022	0.032 (J)	108	4.6	0.051 (J)	6.93	10.7	259
PZ-14	2/14/2023	0.023 (J)	103	4.5	< 0.050	7.04	10.0	300
PZ-15	8/25/2022	0.21	96.7	6.4	0.074 (J)	7.15	75.5	319
PZ-15	2/15/2023	0.21	98.1	6.2	0.064 (J)	7.09	75.7	329
PZ-16	8/25/2022	0.24	92.0	6.3	0.058 (J)	7.14	38.7	90.0
PZ-16	2/15/2023	0.19	88.5	6.2	0.053 (J)	7.10	38.1	334
PZ-17	8/25/2022	O.19 (J)	99.5	3.9	0.078 (J)	7.05	62.7	321
PZ-17	2/16/2023	0.15	94.1	3.1	0.077 (J)	7.14	54.2	299
PZ-18	8/25/2022	0.39	141	4.6	0.052 (J)	6.76	96.3	446
PZ-18	2/15/2023	0.35	164	4.5	< 0.050	6.73	96.6	477
PZ-19	8/25/2022	0.58	156	4.6	0.086 (J)	6.67	84.4	528
PZ-19	2/15/2023	0.54	144	4.1	0.086 (J)	6.66	78.8	529
PZ-23A	8/25/2022	O.17 (J)	145	3.2	0.074 (J)	6.76	45.6	437
PZ-23A	2/14/2023	0.13	139	3.8	0.084 (J)	6.75	35.1	414
PZ-25	8/24/2022	0.19	87.6	1.8	0.15	7.10	35.7	286
PZ-25	10/11/2022	NA	NA	NA	NA	7.13	NA	267
PZ-25	2/15/2023	0.17	86.9	1.8	0.16	7.02	37.1	264
PZ-31	8/24/2022	< 0.0086	95.2	3.0	0.069 (J)	7.04	0.56 (J)	261
PZ-31	2/14/2023	< 0.0086	99.9	3.3	0.059 (J)	7.09	0.89 (J)	257
PZ-32	8/24/2022	0.022 (J)	67.1	2.7	0.058 (J)	7.34	1.7	172
PZ-32	10/11/2022	NA	NA	NA	NA	7.37	NA	173
PZ-32	2/14/2023	0.012 (J)	69.3	2.7	< 0.050	7.36	2.0	177
PZ-33	8/24/2022	0.32	96.5	1.8	0.092 (J)	7.10	34.7	265
PZ-33	2/16/2023	0.31	92.2	2.3	0.082 (J)	7.13	36.0	293
PZ-57	8/26/2022	0.18	95.5	2.4	0.083 (J)	7.09	87.2	358
PZ-57	2/16/2023	0.16	91.6	2.2	0.077 (J)	7.06	77.7	421

- 1. Results for metals and anions are reported in milligrams per liter (mg/L). Results for pH are reported in standard units (su).
- 2. < indicates the constituent was not detected above the analytical method detection limit (MDL).
- 3. (J) indicates the constituent was detected between the analytical method detection limit and laboratory reporting limit. The value followed by (J) is qualified by the laboratory as estimated.
- 4. TDS indicates total dissolved solids.
- 5. NA indicates constituent was not analyzed.
- 6. October 11, 2022 data are re-sample results for TDS.



ANALYTICAL DATA SUMMARY APPENDIX IV - AUGUST 2022 AND FEBRUARY 2023

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

Well Name	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Fluoride	Lead	Lithium	Mercury	Molybdenum	Radium	Selenium	Thallium
PZ-1D	8/24/2022	< 0.00078	< 0.0022	0.015	< 0.000054	< 0.00011	0.0025 (J)	< 0.00039	0.080 (J)	< 0.00089	< 0.00073	< 0.00013	0.00088 (J)	0.196 (U)	< 0.0014	< 0.00018
PZ-1D	2/14/2023	< 0.00078	< 0.0022	0.020	< 0.000054	< 0.00011	0.0015 (J)	< 0.00039	0.063 (J)	< 0.00089	< 0.00073	< 0.00013	0.0013 (J)	0.319 (U)	< 0.0014	< 0.00018
PZ-2D	8/24/2022	O.OO11 (J)	< 0.0022	0.010	< 0.000054	< 0.00011	0.0066	< 0.00039	0.088 (J)	< 0.00089	0.0012 (J)	0.00013 (J)	< 0.00074	0.0268 (U)	< 0.0014	< 0.00018
PZ-2D	2/14/2023	0.0015 (J)	< 0.0022	0.0055	< 0.000054	< 0.00011	0.0041 (J)	< 0.00039	0.076 (J)	< 0.00089	0.0010 (J)	< 0.00013	< 0.00074	0.486 (U)	< 0.0014	< 0.00018
PZ-7D	8/25/2022	< 0.00078	< 0.0022	0.0058	< 0.000054	< 0.00011	0.0024 (J)	< 0.00039	0.056 (J)	< 0.00089	0.0030 (J)	< 0.00013	< 0.00074	0.771 (U)	0.0017 (J)	< 0.00018
PZ-7D	2/15/2023	< 0.00078	< 0.0022	0.0060	< 0.000054	< 0.00011	0.0034 (J)	< 0.00039	0.050 (J)	< 0.00089	0.0037 (J)	< 0.00013	< 0.00074	0.496 (U)	0.0017 (J)	< 0.00018
PZ-14	8/25/2022	< 0.00078	< 0.0022	0.011	< 0.000054	< 0.00011	0.0014 (J)	< 0.00039	0.051 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.453 (U)	< 0.0014	< 0.00018
PZ-14	2/14/2023	< 0.00078	< 0.0022	0.014	< 0.000054	< 0.00011	0.0018 (J)	< 0.00039	< 0.050	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.0857 (U)	< 0.0014	< 0.00018
PZ-15	8/25/2022	< 0.00078	< 0.0022	0.057	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.074 (J)	< 0.00089	0.0012 (J)	< 0.00013	< 0.00074	1.05	< 0.0014	< 0.00018
PZ-15	2/15/2023	< 0.00078	< 0.0022	0.048	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.064 (J)	< 0.00089	0.0010 (J)	< 0.00013	< 0.00074	0.875 (U)	< 0.0014	< 0.00018
PZ-16	8/25/2022	< 0.00078	< 0.0022	0.035	< 0.000054	< 0.00011	0.0012 (J)	< 0.00039	0.058 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.728 (U)	< 0.0014	< 0.00018
PZ-16	2/15/2023	< 0.00078	< 0.0022	0.033	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.053 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.137 (U)	< 0.0014	< 0.00018
PZ-17	8/25/2022	< 0.00078	< 0.0022	0.061	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.078 (J)	< 0.00089	0.0018 (J)	< 0.00013	< 0.00074	0.980 (U)	< 0.0014	0.00037 (J)
PZ-17	2/16/2023	< 0.00078	< 0.0022	0.059	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.077 (J)	< 0.00089	0.0014 (J)	< 0.00013	< 0.00074	0.129 (U)	< 0.0014	0.00038 (J)
PZ-18	8/25/2022	< 0.00078	< 0.0022	0.026	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.052 (J)	< 0.00089	0.0033 (J)	< 0.00013	< 0.00074	0.0434 (U)	< 0.0014	< 0.00018
PZ-18	2/15/2023	< 0.00078	< 0.0022	0.026	< 0.000054	< 0.00011	< 0.0011	< 0.00039	< 0.050	< 0.00089	0.0027 (J)	< 0.00013	< 0.00074	0.828	< 0.0014	< 0.00018
PZ-19	8/25/2022	< 0.00078	< 0.0022	0.046	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.086 (J)	< 0.00089	0.012 (J)	< 0.00013	0.0017 (J)	0.937	0.0019 (J)	0.00053 (J)
PZ-19	2/15/2023	< 0.00078	< 0.0022	0.051	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.086 (J)	< 0.00089	O.O11 (J)	< 0.00013	0.0016 (J)	0.652 (U)	0.0036 (J)	0.00051 (J)
PZ-23A	8/25/2022	< 0.00078	< 0.0022	0.036	< 0.000054	< 0.00011	0.0022 (J)	< 0.00039	0.074 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.396 (U)	0.0023 (J)	< 0.00018
PZ-23A	2/14/2023	< 0.00078	< 0.0022	0.033	< 0.000054	< 0.00011	0.0024 (J)	< 0.00039	0.084 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.521 (U)	0.0015 (J)	< 0.00018
PZ-25	8/24/2022	< 0.00078	< 0.0022	0.10	< 0.000054	< 0.00011	< 0.0011	0.0016 (J)	0.15	< 0.00089	0.0073 (J)	0.00018 (J)	< 0.00074	0.764 (U)	< 0.0014	0.00048 (J)
PZ-25	10/11/2022	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	< 0.00013	NA	NA	NA	NA
PZ-25	2/15/2023	< 0.00078	< 0.0022	0.10	< 0.000054	< 0.00011	< 0.0011	0.0012 (J)	0.16	< 0.00089	0.0057 (J)	< 0.00013	< 0.00074	0.484 (U)	< 0.0014	0.00045 (J)
PZ-31	8/24/2022	< 0.00078	< 0.0022	0.0063	< 0.000054	< 0.00011	0.0015 (J)	< 0.00039	0.069 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.781 (U)	< 0.0014	< 0.00018
PZ-31	2/14/2023	< 0.00078	< 0.0022	0.0071	< 0.000054	< 0.00011	O.OO11 (J)	< 0.00039	0.059 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.102 (U)	< 0.0014	< 0.00018
PZ-32	8/24/2022	0.0010 (J)	< 0.0022	0.019	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.058 (J)	< 0.00089	< 0.00073	0.00014 (J)	< 0.00074	0.342 (U)	< 0.0014	< 0.00018
PZ-32	2/14/2023	< 0.00078	< 0.0022	0.014	< 0.000054	< 0.00011	< 0.0011	< 0.00039	< 0.050	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.151 (U)	< 0.0014	< 0.00018
PZ-33	8/24/2022	0.00082 (J)	< 0.0022	0.038	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.092 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.764 (U)	< 0.0014	< 0.00018
PZ-33	2/16/2023	< 0.00078	< 0.0022	0.040	< 0.000054	< 0.00011	< 0.0011	< 0.00039	0.082 (J)	< 0.00089	< 0.00073	< 0.00013	< 0.00074	0.765	< 0.0014	< 0.00018
PZ-57	8/26/2022	< 0.00078	< 0.0022	0.064	< 0.000054	< 0.00011	< 0.0011	0.0012 (J)	0.083 (J)	< 0.00089	0.0013 (J)	< 0.00013	< 0.00074	0.488 (U)	< 0.0014	< 0.00018
PZ-57	2/16/2023	< 0.00078	< 0.0022	0.063	< 0.000054	< 0.00011	< 0.0011	0.00051 (J)	0.077 (J)	< 0.00089	0.00082 (J)	< 0.00013	< 0.00074	0.193 (U)	< 0.0014	< 0.00018

- 1. Results for metals are reported in milligrams per liter (mg/L).
- 2. < indicates the constituent was not detected above the analytical method detection limit.
- 3. (J) indicates the constituent was detected between the analytical method detection limit and laboratory reporting limit. Therefore, the value displayed (J) is qualified by the laboratory as an estimated number.
- 4. Radium units are in picocuries per liter (pCi/L). Radium data are a combination of radium isotopes 226 and 228.
- 5. U indicates the constituent was detected below the Minimum Detection Concentration (MDC) and the precision of the laboratory instruments could not produce as reliable of a value. Therefore, the value followed by U is qualified by the laboratory as estimated.
- 6. NA indicates constituent was not analyzed.
- 7. October 11, 2022 data are re-sample results for mercury in PZ-25.



TABLE 8 STATISTICAL METHOD SUMMARY Georgia Power Company - Plant Mitchell Ash Ponds A, 1, and 2 Putney, Georgia

	1	·
	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.
Statistical Methodology		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.



SUMMARY OF GROUNDWATER PROTECTION STANDARDS

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

Constituent	Units	MCL	Federal CCR Rule Specified Limit ⁽¹⁾	Site-Specific Background August 2022	Site-Specific Background February 2023	GWPS ⁽⁴⁾ August 2022	GWPS ⁽⁴⁾ February 2023
Antimony	mg/L	0.006		0.0035	0.0035	0.006	0.006
Arsenic	mg/L	0.01		0.005	0.005	0.01	0.01
Barium	mg/L	2.0		0.0479	0.0463	2.0	2.0
Beryllium	mg/L	0.004		0.0005	0.0005	0.004	0.004
Cadmium	mg/L	0.005		0.0005	0.0005	0.005	0.005
Chromium	mg/L	0.1		0.00998	0.0093	0.1	0.1
Cobalt ⁽²⁾	mg/L		0.006	0.005	0.005	0.006	0.006
Combined Radium	pCi/L	5.0		1.662	1.611	5.0	5.0
Fluoride	mg/L	4.0		0.29	0.29	4.0	4.0
Lead ^{(2) (3)}	mg/L		0.015	0.001	0.001	0.015	0.015
Lithium ⁽²⁾	mg/L		0.04	0.03	0.03	0.04	0.04
Mercury	mg/L	0.002		0.0002	0.0002	0.002	0.002
Molybdenum ⁽²⁾	mg/L		0.1	0.01	0.01	0.1	0.1
Selenium	mg/L	0.05		0.005	0.005	0.05	0.05
Thallium	mg/L	0.002		0.001	0.001	0.002	0.002

Notes:

mg/L - milligrams per liter

pCi/L - picoCuries per liter

CCR - coal combustion residuals

MCL - Maximum Contaminant Level

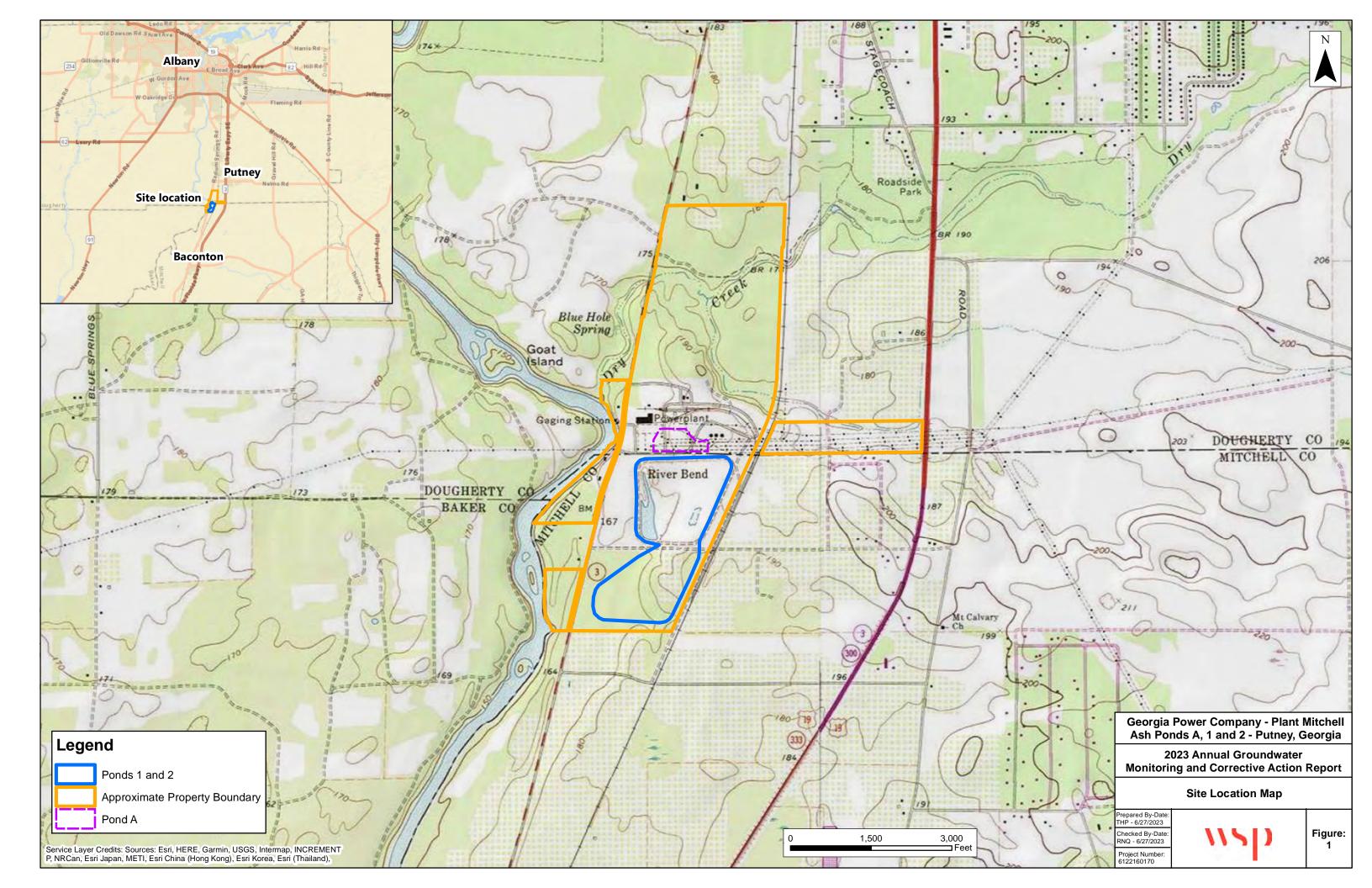
GWPS - Groundwater Protection Standard Combined Radium data are a combination of radium isotopes 226 and 228.

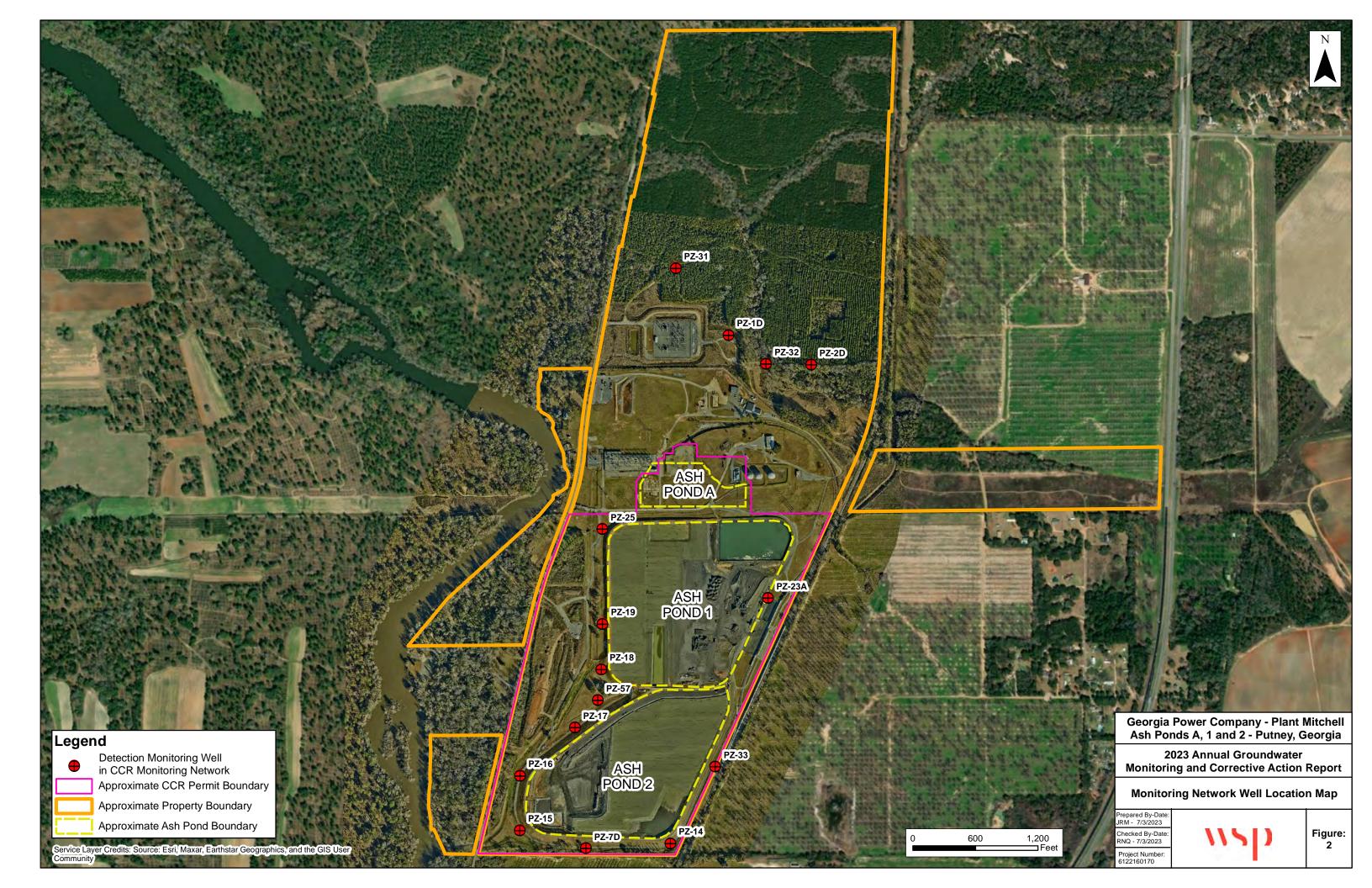
(1) Federal CCR Rule 40 CFR § 257.95 (h) Amendment July 30, 2018 lists levels for cobalt, lead, lithium, and molybdenum.

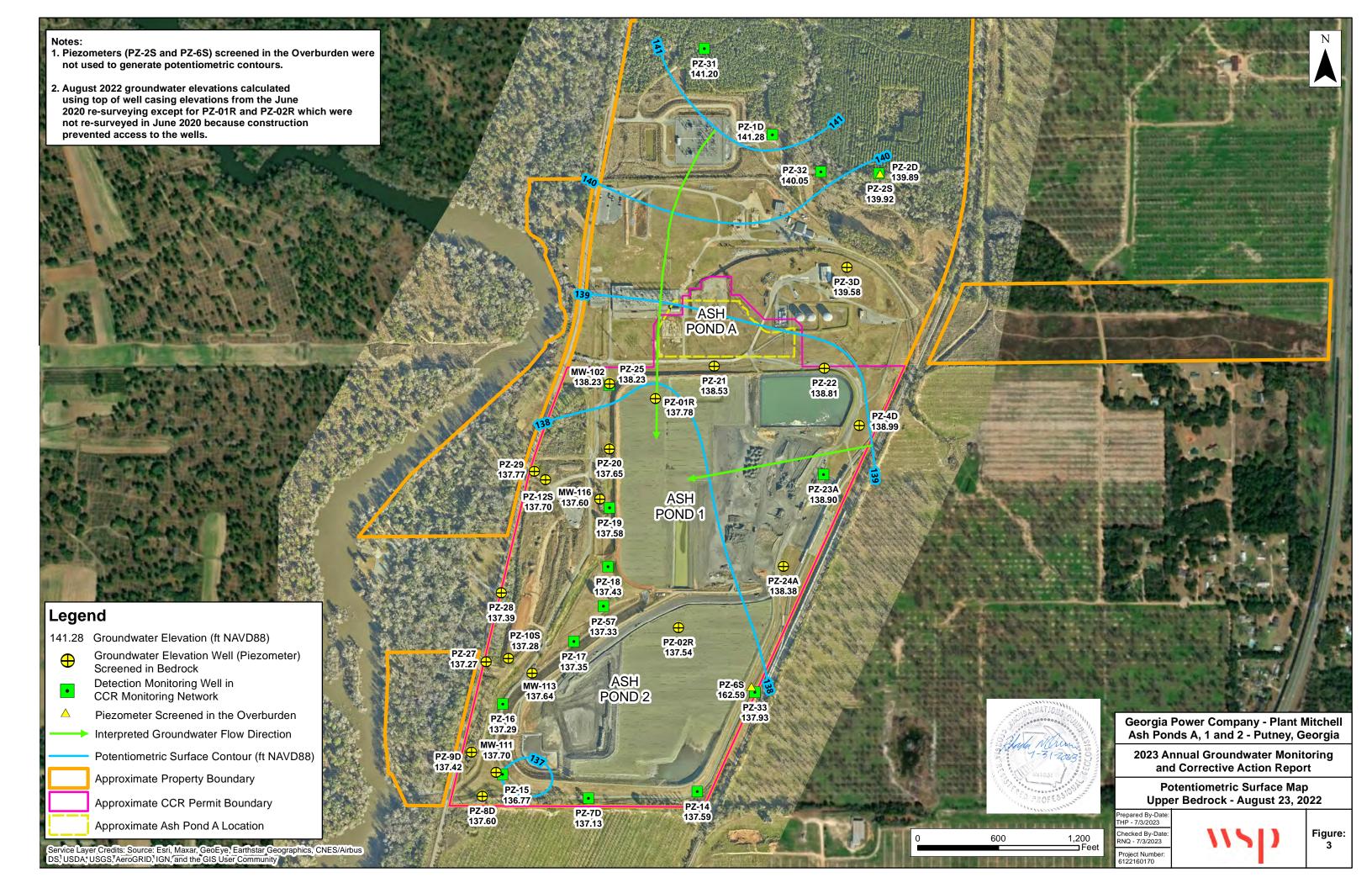
- (2) Constituent without an established MCL.
- (3) Currently, there is no MCL established for lead. The value listed is the established US EPA Action Level for lead in drinking water.
- (4) Effective on February 22, 2022, the Georgia EPD has incorporated the updated GWPS into the current GA EPD Rules 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

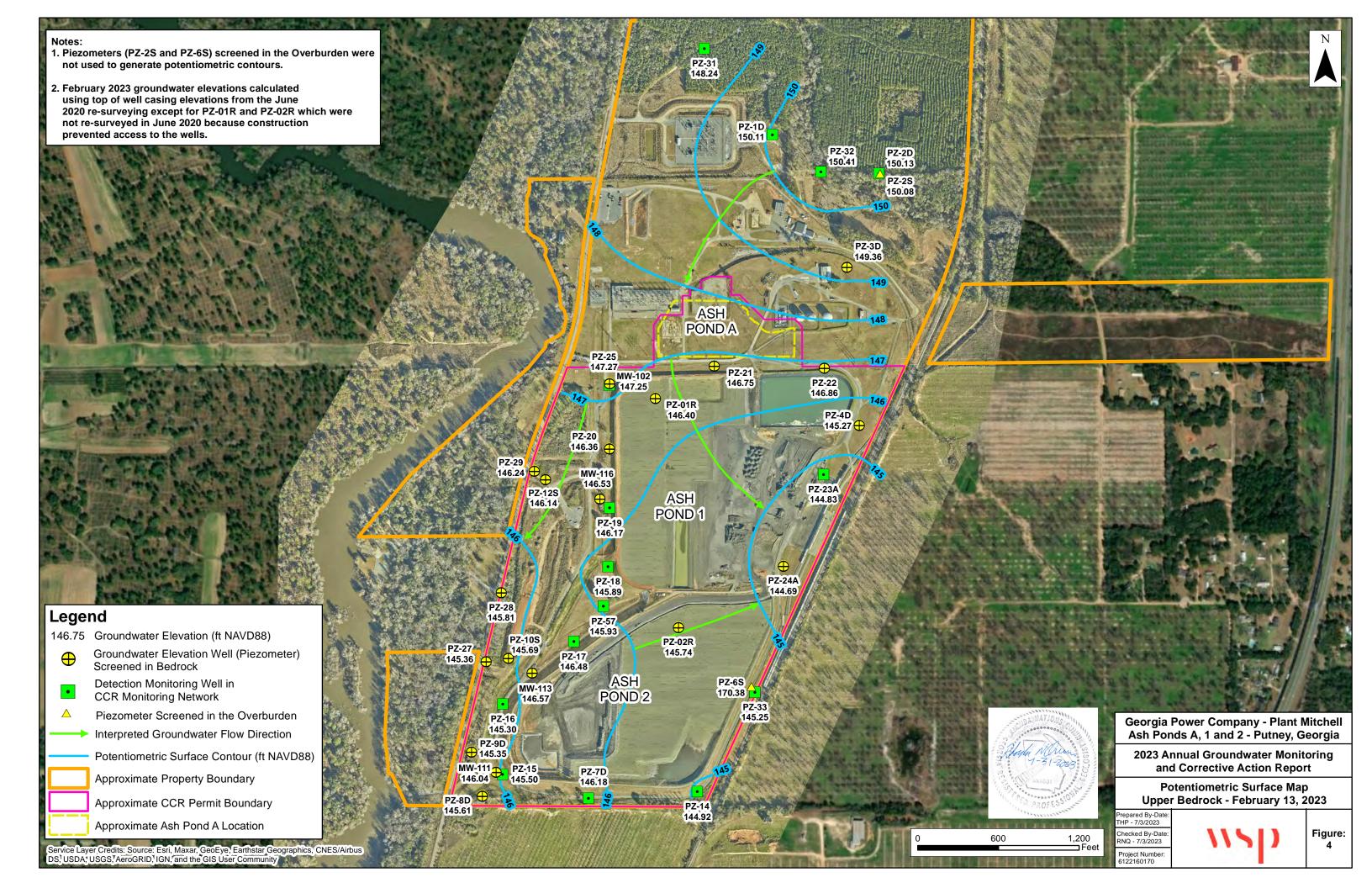


FIGURES











WELL REPAIRS AND INSPECTIONS

APPENDIX A WELL REPAIRS



MEMORANDUM

Date: November 18, 2022

To: Kristen Jurinko – Georgia Power

CC: Ben Hodges

From: WSP USA Environment & Infrastructure, Inc.

Subject: Plant Mitchell Ash Ponds A, 1, and 2 - Well Maintenance and Repair

Documentation

Georgia Power Company

WSP USA Environment & Infrastructure, Inc.(WSP) (formerly Wood Environment & Infrastructure Solutions, Inc.) 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,	October 2022	MW-103, MW-111,	Weeds and grass had grown up around the wells and
& 2		MW-120, PZ-1D, PZ-1S, PZ-3D, PZ-3S,	piezometers. The site was mowed in October 2022 to remove the weeds and grass.
		PZ-4D, PZ-4S,	to remove the weeds and grass.
		PZ-7D, PZ-22, PZ-25,	
		PZ-28, PZ-31, PZ-33	
Mitchell Ash Ponds A, 1,	August 26,	MW-102	Well was re-developed to remove suspended
& 2	2022		sediment from piezometer.
Mitchell Ash Ponds A, 1,	October 2022	MW-8D, MW-8S,	Poor access to piezometers due to heavy vegetation.
& 2		MW-9D, MW-9S,	The site was mowed in October 2022.
		MW-10S	
Mitchell Ash Ponds A, 1,	August 23,	PZ-16	Removed ant mound from around well pad.
& 2	2022		Replaced well lock.
Mitchell Ash Ponds A, 1,	August 23,	PZ-19	Removed wasp nest from well cover.
& 2	2022		
Mitchell Ash Ponds A, 1,	August 23,	PZ-22	Removed ant mound from around well pad.
& 2	2022		

Georgia Power Site/Unit	Date Performed	Well ID	Maintenance/ Repair Performed
Mitchell Ash Ponds A, 1, & 2		PZ-42	Soil loss around PZ-42 due to elevated riverbank scour.
Mitchell Ash Ponds A, 1, & 2		PZ-51	Concrete pad is loose. Repair will be completed.
Mitchell Ash Ponds A, 1, & 2		MW-113	Well pad is deteriorating. Repair will be completed.

Well Redevelopment

					V V L	LL PURGIN	G - FIELD	WATER QU	JALITY ME	ASUREMENT	S FORM		
Location:	a A	,				Identify Me (e.g. Top o	easuring Po of Casing)	oint (MP):	TOC				page \underline{f} of $\underline{\hat{f}}$
Well ID: Field Samplin	g Personnel:	[-102 EVER	Guille	·N	_	Depth to S	creen belo	w MP:	39 Top	_of screen		of screen	Well Depth, (Ft.) 49, 24 Depth To Water (Ft.) 31, 49
					- - ·	Pump Intal Purging De	ke at (ft. be evice (Pum	elow MP): p Type):	47,0 MONS		Bottom 		Water Column (Ft.) /?.75 Well Volume (gal) 9.02
Date	Time	Depth to	Purge Rate	На	Spec	Turbidity	DO	Temp.	(e.g. Dedicat	ed pump, peristal	tic pump, bailer, b	ladder pump, etc.)	
		Water Below MP			Cond.	, are any	Flow cell	1 .	Potential	Purged	e CHEMetrics DO	Ferrous	Comments
	24 hr	ft	mL/min	pH units	mS/cm	NTUs	mg/L	°C	mV	gallons	mg/L (low)	lron mg/L	·
8-26-22	1025	31.49	1000	6,92	502.37	71000	0.74	23.77	-141.3	0.25			BIACK (=DIMEN \$
	1029	32,17		6.99	515,52	71000	1113	23,57	-117,4	1.0			BLACK SEDIMEN &
	1033	33.61			519.35	71000	1.01	23.34		2.0			77.70%
		33:72		6.95	513:13	71000	0.16	24.03	-88,5	3.0			
		33.48		6.97	517.59	>1000	0.58	23,93	-79,3	40			
	1045			7:07	520.15	71000	1.91	24.16	-79.7	5,0			
	1049					>1000	1.26	24,24	-84,0	6.0			
		33.41			519.50	71000		24,45	-77.6	8.0			
		33.63		6195	504:28	>1000	0.16	23:97	-82.7	10,0		_	
	1113	33,38		建7,03	505,93	7000	054	23,37	-39.0	12.0			
	1121	33,47			521,61	>1000	0.33	23,43		14,0			
	1129	33:58		6,96	512.13	7 1000	0.15	23.71	-80.1	16.0			
	1137	33,3Z		6.97	520,17	1 1		23.53		18.0	-	-	
	1145	33,66		6.96	5/11/2	71000		22,87		20,0		•	
	1153	33,42		6.97	509.32	7/200	0.0	22.68	-74.5	22.0			GRRY-TANISH GRAY
	1201	33,49			522.70	>1000	1.16	23,03	-60,6	24,0	-	_	GRAYISH TAN
	1209	33.58	-	7.02	520,13	71000	1.18	23,23	-53.4	26,0			
	1217	33.42	Y		541.71	>1000	0,07	23,70	-83.5			_	LAST SURGE
	1221	33,49	Ψ		513,21	32 i	0.17	23.31	-40,2				NOT SURGED
	1226	33.31	400	7,02	517,16	92,2	0:14	23,38	-38.7	29.5		_	WATER CLEAR
		33.07	400		518:32			23.27		30.0			
		32.88	400	7,01	519.17	13.2		23,33		30,5			DTB = 49.38
Notes:	1241	32.61	400	7.00	518,91	8,72	0.07	23,29	-3913	31,0		-	DTW=31.37 AFTER RELIGIALES TRANSDUCER (13:04)

Note when "Stabilization" has occurred. Stabilization Criteria (achieved after a minimum of three successive readings): ±0.1 for pH

If stabilization does not occur within 2 hours, contact Site Manager for action. If well goes dry prior to stabilization, stop, allow well to recharge, and collect sample. ±10 mV for redox ±3% for specific cond. ±10% for DO <10 NTUs for turbidity NA for temperature

Well Casing Volume (Gal):

2" diameter well: Water column (ft.) x 0.163

4" diameter well: Water column x 0.653



MEMORANDUM

Date: May 28, 2023

To: Kristen Jurinko – Georgia Power

CC: Ben Hodges

From: WSP USA Environment & Infrastructure, Inc.

Subject: Plant Mitchell Ash Ponds A, 1, and 2 - Well Maintenance and Repair

Documentation

Georgia Power Company

WSP USA Environment & Infrastructure, Inc.(WSP) (formerly Wood Environment & Infrastructure Solutions, Inc.) 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	Date	Well ID	Maintenance/ Repair Performed
Site/Unit	Performed		
Mitchell Ash Ponds A, 1,	2/16/2023	PZ-3S, PZ-4S, PZ-16,	Ant mounds removed from around well pads.
& 2		PZ-18, PZ-19, PZ-22,	
		PZ-25, PZ-33	
Mitchell Ash Ponds A, 1,	2/13/2023	MW-113	February 2023 inspection indicates pad in good
& 2			conditions
Mitchell Ash Ponds A, 1,	2/13/2023	PZ-50	Well is flush-mounted and well pad has large crack
& 2			across the top of the pad. Repair will be completed.
Mitchell Ash Ponds A, 1,	2/13/2023	PZ-51, PZ-52	Well pad was covered with debris. Cleaned pad.
& 2			





Site Name	Plant Mitchell			
Permit Number	N/A	-		
Well ID	MW-101	,		
Date	8/13-12	- V	NI -	1
1 Location/	<u>Identification</u>	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?	<u> </u>		
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protective			P	
а	Is the protective casing free from apparent damage and able to be secured?	/		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	$\overline{\mathcal{L}}$		
d	Is the annular space between casings clear of debris and water,	•		
	or filled with pea gravel/sand?	<u> </u>		
е	Is the well locked and is the lock in good condition?			
3 <u>Surface p</u>	<u>ad</u>			
а	Is the well pad in good condition (not cracked or broken)?	/		
b	Is the well pad sloped away from the protective casing?			H-4
С	Is the well pad in complete contact with the protective casing?	- /-		
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not	,		
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?	<u>/</u>		
4 Internal ca	asing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
C	Is the well properly vented for equilibration of air pressure?		-	
d	Is the survey point clearly marked on the inner casing?		***********	
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
ı	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling:	Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition		***************************************	
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			<u>/</u>
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	/		
	requirements?			
7 Corrective	actions as needed, by date:			

Name	Plant Mitchell	-		
mit Number	N/A			
II ID	MW-102			
e	8/23/22	Vaa	N	!-
1 Locatio	n/Identification	Yes	No	n/a
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			***************************************
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protecti	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?	/		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	∠.		
е	Is the well locked and is the lock in good condition?			
3 <u>Surface</u>	pad			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	/		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal	casing			
a <u>internar</u>	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from		 .	
-	foreign objects (such as bailers)?	V .		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	/		
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 Complin	,			
ə <u>Sampini</u> a	g: Groundwater Wells Only: Does well recharge adequately when purged?	/		
b b	If dedicated sampling equipment installed, is it in good condition			
-	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?			
6 Based o	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

ite Name	Plant Mitchell				
ermit Number	N/A				
/ell ID	MW-103	- -			
ate	8/23/22				
1 Location	n/Identification	Yes	No	n/a	
a <u>Location</u>	Is the well visible and accessible?				
b	Is the well properly identified with the correct well ID?				
C	Is the well in a high traffic area and does the well require		-		
ŭ	protection from traffic?	./			
d	Is the drainage around the well acceptable? (no standing water,				
	nor is well located in obvious drainage flow path)				
2 Protectiv	ve Casing				
a	Is the protective casing free from apparent damage and able to be				
	secured?	√.			
b	Is the casing free of degradation or deterioration?	7 .			
С	Does the casing have a functioning weep hole?				
d	Is the annular space between casings clear of debris and water,				
	or filled with pea gravel/sand?				
е	Is the well locked and is the lock in good condition?				
3 <u>Surface</u>	<u>pad</u>				
а	Is the well pad in good condition (not cracked or broken)?	1/			,
b	Is the well pad sloped away from the protective casing?			*****	
С	Is the well pad in complete contact with the protective casing?	<u> </u>			
d	Is the well pad in complete contact with the ground surface and				
.	stable? (not undermined by erosion, animal burrows, and does not				
	move when stepped on)				
е	is the pad surface clean (not covered with sediment or debris)?				
4 Internal of	pooing				
a <u>internar</u>	Does the cap prevent entry of foreign material into the well?	1			
b	Is the casing free of kinks or bends, or any obstructions from				
Б	foreign objects (such as bailers)?				
С	Is the well properly vented for equilibration of air pressure?				
d	Is the survey point clearly marked on the inner casing?	-V			•
e	Is the depth of the well consistent with the original well log?				
f	Is the casing stable? (or does the pvc move easily when touched				
	or can it be taken apart by hand due to lack of grout or use of slip	,			
	couplings in construction)				
5 <u>Sampling</u>	g: Groundwater Wells Only:				
а	Does well recharge adequately when purged?				
b	If dedicated sampling equipment installed, is it in good condition				•
	and specified in the approved groundwater plan for the facility?				
С	Does the well require redevelopment (low flow, turbid)?				
6 Based or	your professional judgement, is the well construction / location				
	appropriate to 1) achieve the objectives of the Groundwater				
	Monitoring Program and 2) comply with the applicable regulatory				
	requirements?	<u> </u>			
	e actions as needed, by date:				
<u>Ora</u>	ss needs cutting				

Signature and Seal of PE/PG responsible for inspection

Daniel L Howard

nit Number	N/A			,
ID	MW-111			
!	8-23-22	_		
		Yes	No	n/a
	on/Identification			
a	Is the well visible and accessible? WELL Access OverGROWN			
b	Is the well properly identified with the correct well ID?	Low		
С	Is the well in a high traffic area and does the well require			
d	protection from traffic? Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)	4°		
***************************************	ive Casing		2. ·	
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?		-	
ď	Is the annular space between casings clear of debris and water,			
-	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface	· · · · · · · · · · · · · · · · · · ·			V
a <u>Suriace</u>			_	
	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal	casing			
а	Does the cap prevent entry of foreign material into the well?	1		
b	Is the casing free of kinks or bends, or any obstructions from			H##
	foreign objects (such as bailers)?	<u>e</u>		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?	<u>e</u>		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	i.		
5 O - · · · · · !!	·			
	g: Groundwater Wells Only: Does well recharge adequately when purged?			
a b	If dedicated sampling equipment installed, is it in good condition			<u></u>
D	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			-
o pased o	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
	ve actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name nit Number	Plant Mitchell N/A			
ID	MW-113	- ,	· -	
	8-22-22	_		
		Yes	No	n/a
1 <u>Location</u>	n/Identification			
а	Is the well visible and accessible?	2		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,	_		
	nor is well located in obvious drainage flow path)	<u>i</u>		
2 Protectiv	<u>re Casing</u>			
а	Is the protective casing free from apparent damage and able to be	_		
	secured?			
b	Is the casing free of degradation or deterioration?			
C C	Does the casing have a functioning weep hole?	<u> </u>		
d	Is the annular space between casings clear of debris and water,			
0	or filled with pea gravel/sand? Is the well locked and is the lock in good condition?			
е	-			
3 <u>Surface</u>	<u>pad</u>		OLORATI	NG
а	Is the well pad in good condition (not cracked or broken)? ¿'x z' ڳو	o is DETE	2	•
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
_	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	is the pad surface clean (not covered with sediment or debris)?		·	
1 Internal	· ·			***************************************
4 Internal of				
a	Does the cap prevent entry of foreign material into the well?	1		
	le the enging free of kinks or hands, or any chatructions from			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			
	foreign objects (such as bailers)?	<u> </u>		
С	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure?	~ ~		
c d	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing?	V		
c d e	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?	VVV		
c d	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing?	VVV		
c d e	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
c d e f	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
c d e f	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
c d e f 5	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			
c d e f 5 <u>Sampling</u> a	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			
c d e f 5 <u>Sampling</u> a	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			
c d e f 5 <u>Sampling</u> a b	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			
c d e f 5 <u>Sampling</u> a b	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) I: Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			
c d e f 5 <u>Sampling</u> a b	foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			



mit Number	N/A	_		
LID				
I ID	MW-116	-		
e	8/23/22	_		
4.1	(I. I	Yes	No	n/a
	<u>(Identification</u>	_		
a	Is the well visible and accessible?	<u> </u>		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require	He	_	
	protection from traffic?	<u> </u>		
d	Is the drainage around the well acceptable? (no standing water,	/		
	nor is well located in obvious drainage flow path)	<u></u>		
2 Protective				
а	Is the protective casing free from apparent damage and able to be secured?	/		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	$\overline{}$		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface p	ad			
а	Is the well pad in good condition (not cracked or broken)?			
b	•			
	Is the well pad sloped away from the protective casing?	<u></u>		
С	Is the well pad in complete contact with the protective casing?	<u></u>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	. .		
е	Is the pad surface clean (not covered with sediment or debris)?			
41.				
4 Internal ca				
a	Does the cap prevent entry of foreign material into the well?	<u> </u>		
b	Is the casing free of kinks or bends, or any obstructions from	,	•	
	foreign objects (such as bailers)?	<u> </u>		
C	Is the well properly vented for equilibration of air pressure?	V		
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
F.G	, and the second			
	Groundwater Wells Only:			1
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
•	and specified in the approved groundwater plan for the facility?			V
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
7.0	•			
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Daniel & Howard

	Plant Mitchell			
it Number	N/A			•
ID	MW-119			
	8/22/22	Vac	NI.	I-
1 Locatio	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	/		
2 Protecti	ve Casing		· ·	
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?	*		
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	V		
е	Is the well locked and is the lock in good condition?	V		n
3 <u>Surface</u>	pad			
а	Is the well pad in good condition (not cracked or broken)?	./		
b	·			
	Is the well pad sloped away from the protective casing?	V		
c d	Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	./		
e	Is the pad surface clean (not covered with sediment or debris)?	<u>/</u>		
4 <u>Internal</u>	occing.			
a a	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from		 .	
~	foreign objects (such as bailers)?	/		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	V		
е	Is the depth of the well consistent with the original well log?	1/		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			<u> </u>
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			. /
С	Does the well require redevelopment (low flow, turbid)?			<u>-V</u>
		 -		
v dased ol	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	/		• •

Signature and Seal of PE/PG responsible for inspection

Daniel L Howard

Site Name	Plant Mitchell			
Permit Number	N/A	-		ž.
Well ID	MW-120			
Date	8/22/22	-		
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			-
c	Is the well in a high traffic area and does the well require protection from traffic?	<u></u>		
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protective	e Casing			
a	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	1		
d	Is the annular space between casings clear of debris and water,			Market and Control of the Control of
	or filled with pea gravel/sand?	V		
е	Is the well locked and is the lock in good condition?	\overline{Z}		
3 <u>Surface p</u>	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	<u> </u>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal ca	asina	***************************************		
a	Does the cap prevent entry of foreign material into the well?	. /		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u> </u>	 .	
С	Is the well properly vented for equilibration of air pressure?	1/		
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?	V		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 Sampling:	Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			<u></u>
С	Does the well require redevelopment (low flow, turbid)?			<u> </u>
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	✓		
	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Daniel L Howard

Site Name	Plant Mitchell			
Permit Number	N/A			
Well ID	PZ-IA			
Date	8/23/22			_
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?	./		
b	Is the well properly identified with the correct well ID?	-		
С	Is the well in a high traffic area and does the well require			
	protection from traffic?		1	
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protective				÷
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			7
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			7
3 <u>Surface p</u>	· · · · · · · · · · · · · · · · · · ·			
a				4
b	Is the well pad in good condition (not cracked or broken)?			<u> </u>
	Is the well pad sloped away from the protective casing?			1
C	Is the well pad in complete contact with the protective casing?			1
ď	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			/
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal ca	asing			
a	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	/		
5 Sampling	Groundwater Wells Only:		-	
а <u>батряту.</u>	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			$\overline{\mathcal{L}}$
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	,		
	requirements?			
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Daniel & Howard

Name mit Number	Plant Mitchell N/A				
II ID e	8/22/22	-			
	0122/22	Yes	No	n/a	
1 Location	n/Identification		.,,		
а	Is the well visible and accessible?				•
b	Is the well properly identified with the correct well ID?	$\overline{\mathcal{L}}$			
С	Is the well in a high traffic area and does the well require				
-1	protection from traffic?				
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			***	
2 Protecti	ve Casing				
а	Is the protective casing free from apparent damage and able to be				
	secured?			-	
b	Is the casing free of degradation or deterioration?	-			
C	Does the casing have a functioning weep hole?				
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	./			
е	Is the well locked and is the lock in good condition?	V			
	·				
3 <u>Surface</u>	<u>pad</u>	,			
а	Is the well pad in good condition (not cracked or broken)?				
b	Is the well pad sloped away from the protective casing?				
С	Is the well pad in complete contact with the protective casing?				
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)		***************************************	,	
е	Is the pad surface clean (not covered with sediment or debris)?				
4 Internal		_			
a	Does the cap prevent entry of foreign material into the well?	<u></u>			
b	Is the casing free of kinks or bends, or any obstructions from	./			
	foreign objects (such as bailers)?				
C.	Is the well properly vented for equilibration of air pressure?	<u> </u>			
d	Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?	<u> </u>	***************************************		
e f	Is the casing stable? (or does the pvc move easily when touched	<u> </u>			
'	or can it be taken apart by hand due to lack of grout or use of slip				
	couplings in construction)				
5 <u>Sampling</u>	g: Groundwater Wells Only:	,			
а	Does well recharge adequately when purged?				
b	If dedicated sampling equipment installed, is it in good condition				
	and specified in the approved groundwater plan for the facility?				
С	Does the well require redevelopment (low flow, turbid)?				
6 Based or	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	/			
6 Based or 7 Correctiv	a your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory				

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Site Name	Plant Mitchell			
Permit Number	N/A	•		
Well ID	PZ-OIR			
Date	8/23/22			
1 Location/	Identification	Yes	No	n/a
a	Is the well visible and accessible?			•
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	/		
2 Protective				
a	Is the protective casing free from apparent damage and able to be			
	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			<u></u>
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
, e	Is the well locked and is the lock in good condition?			
3 <u>Surface p</u>	•			
а а				,
h	Is the well pad in good condition (not cracked or broken)?			<u> </u>
b	Is the well pad sloped away from the protective casing?			<u> </u>
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			<i>,</i>
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal ca	<u>asing</u>			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?		,	
С	Is the well properly vented for equilibration of air pressure?	1/		·
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			****
	or can it be taken apart by hand due to lack of grout or use of slip	_		
	couplings in construction)			
5 <u>Sampling:</u>	Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			<u> </u>
	· · · · · · · · · · · · · · · · · · ·			
o based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			()
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
	actions as needed, by date:	<u>v</u> .		
i Contective	asions as needed, by date.			

Signature and Seal of PE/PG responsible for inspection

Daniel R Howard

me Number	Plant Mitchell N/A	-		
	P7-15			
)	8/22/22	-		
		Yes	No	n/a
1 Location	n/Identification	4		
а	Is the well visible and accessible?	$\sqrt{}$		
b	Is the well properly identified with the correct well ID?	V		
C	Is the well in a high traffic area and does the well require protection from traffic?		_/	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			•
2 Protecti	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?	V		
b	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	1		
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	<u></u>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal	· ·			
a	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?		N// 1	
С	Is the well properly vented for equilibration of air pressure?	~ /		
d	Is the survey point clearly marked on the inner casing?	<u> </u>		
е	Is the depth of the well consistent with the original well log?	· ·		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	_		
	couplings in construction)		,	
5 <u>Samplin</u>	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?	. .		
b	If dedicated sampling equipment installed, is it in good condition			
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			
	· · · · · · · · · · · · · · · · · · ·	·	<u>.</u>	
o Based o	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	·		

Signature and Seal of PE/PG responsible for inspection

Daniel & Howard

Site Name	Plant Mitchell			
Permit Number	N/A	•		
Well ID	$\frac{NZ-2A}{}$,		
Date	8/23/22	V		,
1 Location/	/Identification	Yes	No	n/a
a	Is the well visible and accessible?	/		•
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protective			.* .	•
а	Is the protective casing free from apparent damage and able to be			_
b	secured? Is the casing free of degradation or deterioration?			<u></u>
C	Does the casing have a functioning weep hole?		•	
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			7
3 <u>Surface</u> p	p <u>ad</u>			
а	Is the well pad in good condition (not cracked or broken)?			
b	·			~
С	Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal ca	asing			
a	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	<u>/</u> ,		*
C	Is the well properly vented for equilibration of air pressure?		<u> </u>	
d	Is the survey point clearly marked on the inner casing?	1		***************************************
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched	<u> </u>		
ı	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 <u>Sampling:</u>	Groundwater Wells Only:			
а	Does well recharge adequately when purged?			~
b	If dedicated sampling equipment installed, is it in good condition			/
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			
o Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	/		
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Daniel L Howard

Site Name	Plant Mitchell			
Permit Number	N/A			
Vell ID	PZ-2D	,		
Date	•	-		
4.1	W. C. (1997) - 10 - 11	Yes	No	n/a
	/Identification			
a	Is the well visible and accessible?	_/_		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?		/	
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)	./		
O Danta atta				
2 Protectiv			<i></i>	*
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?	<u>~</u>		-
C	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	/		
е	Is the well locked and is the lock in good condition?			
3 <u>Surface r</u>				
a <u>ounace r</u>		_		
	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	V		
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	<u> </u>		
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	asing			
a	Does the cap prevent entry of foreign material into the well?	1		
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	V		
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	/		
	couplings in construction)			
5 <u>Sampling</u>	: Groundwater Wells Only:	1		-
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition	/		
0	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?	<u> </u>		
c				
ช Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory requirements?			
7.0	·	<u> </u>		
/ Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Daviel Howard

Site Name	Plant Mitchell			
Permit Number	N/A	- -	<u>.</u>	,
Well ID	PZ-OAR	_		
Date	8/23/22	- V	M.	
1 Location	<u>/Identification</u>	Yes	No	n/a
a	Is the well visible and accessible?	/		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protectiv				
а	Is the protective casing free from apparent damage and able to be			_
h	secured?			
b c	Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	PARTITION 1		
ŭ.	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 <u>Surface p</u>				
a <u>odridoo r</u>				
b	Is the well pad in good condition (not cracked or broken)?			
	Is the well pad sloped away from the protective casing?			
C	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			1
е	Is the pad surface clean (not covered with sediment or debris)?			
1 Internal o	nging		-	
4 <u>Internal c</u> a	Does the cap prevent entry of foreign material into the well?	1		
b	Is the casing free of kinks or bends, or any obstructions from	<u>~</u>		*****
V	foreign objects (such as bailers)?	V		
С	Is the well properly vented for equilibration of air pressure?		***************************************	
d	Is the survey point clearly marked on the inner casing?	1		
е	Is the depth of the well consistent with the original well log?	1		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5.0 "	,			· · · · · · · · · · · · · · · · · · ·
	Groundwater Wells Only: Does well recharge adequately when purged?			
a b	If dedicated sampling equipment installed, is it in good condition			
Б	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			-/
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	٥		
	requirements?	-i/		
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Daniel L Howard

Site Name	Plant Mitchell			
Permit Number	N/A	-	-5	. ,
Well ID	PZ-25	-		
Date	8/22/22	 	N1 .	,
1 Location	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?	./		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)	_		
2 Protectiv	ve Casing			
а	Is the protective casing free from apparent damage and able to be			
	secured?			
Ь	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?			******************
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	/		
е	Is the well locked and is the lock in good condition?	<u> </u>		
	-			
3 <u>Surface</u>		,		
a	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	1		
С	Is the well pad in complete contact with the protective casing?	7		
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
•	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal of	casing			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			-
C	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
1	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	/		
5 Sampling	g: Groundwater Wells Only:			
a <u>oampiins</u>	Does well recharge adequately when purged?			/
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	/	•	
	requirements?	V		
7 Corrective	e actions as needed, by date:			

Name	Plant Mitchell			
nit Number	N/A			
ID	pz-30	•		
)	8/22/22			
4 1 0001:00	//	Yes	No	n/a
	n/Identification	/		
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?		. /	
đ	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			
а	Is the protective casing free from apparent damage and able to be			
	secured?	/		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	_		
	or filled with pea gravel/sand?	<u>/</u>		
е	Is the well locked and is the lock in good condition?			
3 <u>Surface</u>	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	/		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			-
4 Internal of				
a a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
S	foreign objects (such as bailers)?	/		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	_		
	couplings in construction)	V		
5 <u>Sampling</u>	g: Groundwater Wells Only:			-
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			<u> </u>
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	V		
	e actions as needed, by date:			
	Grass needs catting around well			

Name	Plant Mitchell			
nit Number	N/A	 -		,
ID	<u> </u>	_		
	8/22/22	,		
1 Location	n/Identification	Yes	No	n/a
a <u>Eogatioi</u>	Is the well visible and accessible?	1		•
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require		-	
Ü	protection from traffic?		./	
d	Is the drainage around the well acceptable? (no standing water,			
_	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			
<u>а</u>	Is the protective casing free from apparent damage and able to be		•	
	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	7		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?			
b	· · · · · · · · · · · · · · · · · · ·			
	Is the well pad sloped away from the protective casing?			
C	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	. /		
е	,			
G	Is the pad surface clean (not covered with sediment or debris)?	<u> </u>		
4 Internal of	casing			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?	✓		
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
0	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			
C				
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	<u> </u>		
	e actions as needed, by date:			.
	grass needs cutting around well. Mudat	bot	tomo	Fwell

Site Name	Plant Mitchell			
Permit Number	N/A	_		
Vell ID	17-4D	-		
Pate	8/23/22	V.,	NI -	
1 Location/	<u>Identification</u>	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	-		
С	Is the well in a high traffic area and does the well require			
	protection from traffic?	****		
d	Is the drainage around the well acceptable? (no standing water,	/		
	nor is well located in obvious drainage flow path)			
2 Protective			·* .	
а	Is the protective casing free from apparent damage and able to be secured?	1		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	_		
0	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	→		B
3 <u>Surface p</u>	<u>ad</u>	•		
a	Is the well pad in good condition (not cracked or broken)?	<u></u>		
Ь	Is the well pad sloped away from the protective casing?	V		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and	•		
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?	<u></u>		
		<u> </u>		
4 <u>Internal ca</u>				
a b	Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from			
b	foreign objects (such as bailers)?	V		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	<u> </u>		
е	Is the depth of the well consistent with the original well log?			
f ,	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 Sampling	Groundwater Wells Only:			
а <u>одтринд.</u>	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			_/_
С	Does the well require redevelopment (low flow, turbid)?			Z
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
70	•	<u> </u>		C+N
	actions as needed, by date:			
<u> </u>	Is need cutting back	·		

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Name	Plant Mitchell			
nit Number	N/A	•		•
ID	PZ-45			
	3/123/22	,		
1 Location/I	dentification	Yes	No	n/a
a <u>Locationii</u>	Is the well visible and accessible?	/		
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
Ü	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protective	Casing			
a	Is the protective casing free from apparent damage and able to be		•	
	secured?	/		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?		-	
е	Is the well locked and is the lock in good condition?			
3 <u>Surface pa</u>	<u>ad</u>			
а	Is the well pad in good condition (not cracked or broken)?	/		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 <u>Internal ca</u>	sing			
а	Does the cap prevent entry of foreign material into the well?	V		
	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
	Is the well properly vented for equilibration of air pressure?	/_	-	
	Is the survey point clearly marked on the inner casing?			-
	Is the depth of the well consistent with the original well log?		-	
	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			Z DH
	Groundwater Wells Only:			<u> </u>
	Does well recharge adequately when purged?			
	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on y	our professional judgement, is the well construction / location	· 		
-	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	/		
i	requirements?	_/		
	actions as needed, by date:			
INIO	eds meed cutting back			

Signature and Seal of PE/PG responsible for inspection

David Howard

Site Name	Plant Mitchell	_		
Permit Number	N/A	_ _	-	,
Well ID Date	P2-65	_		
Date	8/22/22	- Yes	No	n la
1 Location/	<u>Identification</u>	165	No	n/a
а	Is the well visible and accessible?			•
b	Is the well properly identified with the correct well ID?	$\overline{}$		
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protective	e Casing			
a	Is the protective casing free from apparent damage and able to be secured?	/		
b	Is the casing free of degradation or deterioration?	7		
С	Does the casing have a functioning weep hole?	-		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			***************************************
е	Is the well locked and is the lock in good condition?	-//		
	-			
3 <u>Surface p</u> a				
	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	$\overline{\mathcal{L}}$		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	<u> </u>		
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal ca	asing	_		
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			V-14
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	_		
7 0 "	couplings in construction)	- V		
	Groundwater Wells Only: Does well recharge adequately when purged?			
a b	If dedicated sampling equipment installed, is it in good condition			
b	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	/		
	requirements?	<u>/</u>		
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
mit Number	N/A			i.
I ID e	PZ-7D 8-22-22			
j.	8-22-20	- Yes	No	n/a
1 Locatio	n/Identification	165	NO	II/a
а	Is the well visible and accessible?	سسين		
b	Is the well properly identified with the correct well ID?	<u> </u>	***************************************	
С	Is the well in a high traffic area and does the well require			***************************************
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	4		
2 Protecti	ve Casing			
a	Is the protective casing free from apparent damage and able to be			
	secured?	~		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	<i>i</i> /		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	i/		
3 <u>Surface</u>	pad			
а	Is the well pad in good condition (not cracked or broken)?	i comment		
b	Is the well pad sloped away from the protective casing?	2 4544		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	4		
е	Is the pad surface clean (not covered with sediment or debris)?	v		
4 Internal	casing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	نسست		
С	Is the well properly vented for equilibration of air pressure?	•	,	
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			-
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	. /		
	couplings in construction)			
	g: Groundwater Wells Only:	/		
a b	Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			
Ь	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
	n your professional judgement, is the well construction / location			
5 Daooa 01	appropriate to 1) achieve the objectives of the Groundwater			
	requirements?			
	Monitoring Program and 2) comply with the applicable regulatory	_		

Signature and Seal of PE/PG responsible for inspection

Number	N/A	<u>.</u>		
D	PZ-75 B-ZZ-ZZ	- ,		,
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			***************************************
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protect	i <u>ve Casing</u>			
a	Is the protective casing free from apparent damage and able to be secured?		•	
b	Is the casing free of degradation or deterioration?	-		
C	Does the casing have a functioning weep hole?	_		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	~		
е	Is the well locked and is the lock in good condition?	0		
3 Surface	·			
a <u>Surrace</u>				
	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	_i/		
С	Is the well pad in complete contact with the protective casing?	<i>à</i>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			······································
1 Internal				
4 <u>Internal</u> a	Does the cap prevent entry of foreign material into the well?	./		
b	Is the casing free of kinks or bends, or any obstructions from			
D	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?	~		
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
Co	couplings in construction)			
5 <u>Samplin</u>	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based o	n your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	/		

Signature and Seal of PE/PG responsible for inspection

N/A			
9-7-0	- , '		
PZ-80 8-23-27-	_		
	- Yes	No	n/a
n/Identification	163	140	III a
Is the well visible and accessible? Foor Access			
Is the well properly identified with the correct well ID?	~		
nor is well located in obvious drainage flow path)			
ve Casing	-		
	,		
secured?			
			-
	i		
Is the well locked and is the lock in good condition?	-		
pad			HATAL
·			
· · · · · · · · · · · · · · · · · · ·			
move when stepped on)			
Is the pad surface clean (not covered with sediment or debris)?			
casing			
Does the cap prevent entry of foreign material into the well?			
Is the casing free of kinks or bends, or any obstructions from			
			
	<u> </u>		
or can it be taken apart by hand due to lack of grout or use of slip	_		
couplings in construction)			
the state of the s			<u> </u>
			-
			•
Monitoring Program and 2) comply with the applicable regulatory			
requirements?	V		
	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) **Receptable** (no standing water, nor is well located in obvious drainage flow path) **Receptable** (no standing water, nor is well located in obvious drainage flow path) **Receptable** (no standing water, nor is well located in obvious drainage flow path) **Receptable** (not casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? **Pad** Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? **Resing** Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) **Receptable** **Groundwater Wells Only:** Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?	Is the well visible and accessible? **Por Access** Is the well properly identified with the correct well ID? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) **Ye Casing** Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? **Does the casing have a functioning weep hole?** Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?** Is the well pad in good condition (not cracked or broken)?** Is the well pad in complete contact with the protective casing?** Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)?** **Sasing** **Does the cap prevent entry of foreign material into the well?** Is the easing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?** Is the well properly vented for equilibration of air pressure?** Is the survey point clearly marked on the inner casing?** Is the easing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) **Groundwater Wells Only:** **Does well recharge adequately when purged?** If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?** **Does well recharge adequately when purged?** If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?** **Does well recharge adequately when purged?** If dedicated sampling equipment installed, is it in good condition appropriate to 1) achieve the objectives of the Groundwater Moni	Is the well visible and accessible? **Rocess** Is the well visible and accessible? **Rocess** Is the well in a high traffic area and does the well require protection from traffic? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) **Ye Casing** Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? padd Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the pround surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? passing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the eaph of the well consistent with the original well log? Is the depth of the well consistent with the original well log? Is the depth of the well consistent with the original well log? Is the depth of the well consistent with the original well log? Is the depth of the approved groundwater plan for the facility? Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? In your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicab

Signature and Seal of PE/PG responsible for inspection

nit Number	N/A			
ID	PZ-85	- ,		
;	8-23-22	-		
1 Locatio	n/Identification	Yes	No	n/a
а <u>досако</u>	Is the well visible and accessible? Poor Access			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	V		
2 Protecti	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?		•	
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	/		
е	Is the well locked and is the lock in good condition?	1		
3 <u>Surface</u>	pad			
а	Is the well pad in good condition (not cracked or broken)?	S. C.		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
е	move when stepped on)		Reference - 1-1-2	
	Is the pad surface clean (not covered with sediment or debris)?		·	
4 Internal	casing	_		
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			
C	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampline	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			1/
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			V
6 Based or	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			

Signature and Seal of PE/PG responsible for inspection

N/A PZ-90 8-23-22	- , ·		
	Yes	No	n/a
n/Identification			
Is the well visible and accessible? Poor Access			
	<u> </u>		-
•			
nor is well located in obvious drainage flow path)			
<u>ve Casing</u>		2° .	
Is the protective casing free from apparent damage and able to be secured?			
Is the casing free of degradation or deterioration?			
Does the casing have a functioning weep hole?			
or filled with pea gravel/sand?			
Is the well locked and is the lock in good condition?			
<u>pad</u>			
Is the well pad in good condition (not cracked or broken)?			
· · · · · · · · · · · · · · · · · · ·		***************************************	
Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not		Editoria de La Calendaria	
, ,			
			
	_		
		•	
	<u> </u>		
• • • • • • • • • • • • • • • • • • • •			
Is the casing stable? (or does the pvc move easily when touched			
or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
g: Groundwater Wells Only:			
Does well recharge adequately when purged?			/
If dedicated sampling equipment installed, is it in good condition	<u> </u>		
· · · · · · · · · · · · · · · · · · ·			
Does the well require redevelopment (low flow, turbid)?			
your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
	Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? pad Is the well pad in good condition (not cracked or broken)? Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? passing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) The Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? In your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory	Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) (e Casing) Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? pad Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Casing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the depth of the well consistent with the original well log? Is the depth of the well consistent with the original well log? Is the depth of the well consistent with the original well log? Is the depth of the well construction) Condition and specified in the approved groundwater plan for the facility? Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? I your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) The Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? pad Is the well pad in good condition (not cracked or broken)? Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? The pad surface clean (not covered with sediment or debris)? Is the well properly vented for equilibration of air pressure? Is the eaph of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) The conditionand specified in the approved groundwater plan for the facility? Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? In your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?

Signature and Seal of PE/PG responsible for inspection

t Number	N/A	_		,
D	PZ-9s	-		
	8-23-22	_ Yes	No	
1 Location	on/Identification	165	NO	n/a
а	Is the well visible and accessible? Pour Access		e	
b	Is the well properly identified with the correct well ID?	-		
С	Is the well in a high traffic area and does the well require protection from traffic?			,
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	c		
2 Protec	tive Casing			
а	Is the protective casing free from apparent damage and able to be secured?	:	•	
b	Is the casing free of degradation or deterioration?	<u> </u>		
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			***************************************
е	Is the well locked and is the lock in good condition?	· Allerand		
3 Surface	<u>e pad</u>			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	-		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Interna	casing			
a	Does the cap prevent entry of foreign material into the well?	~		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	in the second		
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 <u>Samplir</u>	ng: Groundwater Wells Only:			
а	Does well recharge adequately when purged?			/_
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?		2.40° de la 100° (100° de 100°	<u> </u>
С	Does the well require redevelopment (low flow, turbid)?		·····	_1/
6 Based o	on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	/		

Signature and Seal of PE/PG responsible for inspection

it Number	N/A	_		
D	PZ-108	- -		
	8-23-22	- - -	N.	,
1 <u>Locatio</u>	n/ldentification	Yes	No	n/a
а	Is the well visible and accessible? Poor Access		~	
b	Is the well properly identified with the correct well ID?	V		
С	Is the well in a high traffic area and does the well require protection from traffic?		w	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	V		
2 Protecti	ive Casing			
а	Is the protective casing free from apparent damage and able to be secured?		·	
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	-	DW11	
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			,,,
е	Is the well locked and is the lock in good condition?	V		
3 <u>Surface</u>	pad			
а	Is the well pad in good condition (not cracked or broken)?	-		
b	Is the well pad sloped away from the protective casing?			*********
С	Is the well pad in complete contact with the protective casing?			P
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 <u>Internal</u>				
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?	<u>i</u>		
d	Is the survey point clearly marked on the inner casing?	U		
е	Is the depth of the well consistent with the original well log?	~		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	_		
# 6 W	, c			
	g: Groundwater Wells Only:			
a b	Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			V
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based o	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	1 /		
	ve actions as needed, by date:	-		

Signature and Seal of PE/PG responsible for inspection

Site Name	Plant Mitchell			
Permit Number	N/A	<u> </u>		•
Well ID Date	8/23/22	-		
Date	8/23/2~	- Yes	No	n/a
1 Location/	Identification	103	110	11/a
а	Is the well visible and accessible?	~		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)	/		
2 Protective	· Casing			
a	Is the protective casing free from apparent damage and able to be secured?	/		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	_/		
3 <u>Surface pa</u>	a <u>d</u>			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			······································
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
е	move when stepped on) Is the pad surface clean (not covered with sediment or debris)?	<u> </u>	~~~	
C	is the pad surface clear (not covered with sediment or depris)?			
4 <u>Internal ca</u>		/		
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	V	,	
С	Is the well properly vented for equilibration of air pressure?			****
đ	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling:	Groundwater Wells Only:			
	Does well recharge adequately when purged?			/
	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			/
	our professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	<u> </u>		
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Site Name	Plant Mitchell			
Permit Number	N/A			ŧ
Well ID	PZ-135			
Date	8/23/22			
		Yes	No	n/a
	n/Identification	^		
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?		/	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			
a	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?		***************************************	
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			***************************************
3 <u>Surface</u>	pad			
а	Is the well pad in good condition (not cracked or broken)?	./		
b	Is the well pad sloped away from the protective casing?	7		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does no move when stepped on)	t /		
е	Is the pad surface clean (not covered with sediment or debris)?	Ż		
4 Internal of	casing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	$\overline{\hspace{1cm}}$		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?	1		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 <u>Sampling</u>	g: Groundwater Wells Only:			
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			✓
С	Does the well require redevelopment (low flow, turbid)?			
	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	<u> </u>	***************************************	
7 Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Daviel L Howard

Vame	Plant Mitchell			
it Number	N/A	·		÷
ID	PZ-14 8-22-22			
	B-CC-C-	- Yes	No	n/a
1 Location	n/Identification	163	NO	
a	Is the well visible and accessible?	مرين		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protecti	ve Casing		.*	
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?	e/		
С	Does the casing have a functioning weep hole?	-		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	V		
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?			
b	·			
С	Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does no	<u> </u>		
е	move when stepped on) Is the pad surface clean (not covered with sediment or debris)?	<u>'</u>		
	•			
4 <u>Internal</u> a				
b	Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from			
Б	foreign objects (such as bailers)?	1/		
С	Is the well properly vented for equilibration of air pressure?	~		
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?	V		
f	Is the casing stable? (or does the pvc move easily when touched		***************************************	
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	<u>v</u>	·	
5 <u>Samplin</u>	g: Groundwater Wells Only:	_		
а	Does well recharge adequately when purged?	_ ii		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	/		
С	Does the well require redevelopment (low flow, turbid)?	-		
6 Based or	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			* *
	re actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell	_		
it Number	N/A			*
ID	PZ-15 B-22-22	_		
	8-6-6-6	- Yes	No	m/m
	n/Identification	162	NO	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protecti	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	~		-
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	C		
3 <u>Surface</u>	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?	2		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal	casing			
а	Does the cap prevent entry of foreign material into the well?	11		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	v	,	
С	Is the well properly vented for equilibration of air pressure?	V		
d	Is the survey point clearly marked on the inner casing?	V		
е	Is the depth of the well consistent with the original well log?	V		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	./		
F.O. "	,			
	g: Groundwater Wells Only: Does well recharge adequately when purged?			
a b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?	1		
С	Does the well require redevelopment (low flow, turbid)?			
6 Based or	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory requirements?	/		

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell	-		
nit Number	N/A	-		,
ID e	PZ-16 B-23-22	- '		
;	B-23-22	Yes	No	n la
1 Location	n/Identification	162	NO	n/a
a	Is the well visible and accessible?	سسنا		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?		<u> </u>	
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			-
а	Is the protective casing free from apparent damage and able to be			
	secured?	_८_		
b	Is the casing free of degradation or deterioration?	<u> </u>		
C	Does the casing have a functioning weep hole?	~		
d	Is the annular space between casings clear of debris and water,	£		
е	or filled with pea gravel/sand? Is the well locked and is the lock in good condition?			
	REPLACED LOCK			
3 <u>Surface</u>	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?	<u></u>		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	<u> </u>		
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	L		
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal of	casing			
a	Does the cap prevent entry of foreign material into the well?	£		
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	2		
С	Is the well properly vented for equilibration of air pressure?	2		
d	Is the survey point clearly marked on the inner casing?	1/-		
е	Is the depth of the well consistent with the original well log?	W.		
f	Is the casing stable? (or does the pvc move easily when touched		······································	
	or can it be taken apart by hand due to lack of grout or use of slip	, _		
	couplings in construction)		····	
5 <u>Sampling</u>	g: Groundwater Wells Only:	•		
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
0	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?			
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory requirements?		•	
	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Site Name	Plant Mitchell			
Permit Number	N/A			
Well ID	PZ-17	,		
Date	8-22-22	- - ,,		
1 <u>Locatio</u>	n/Identification	Yes	No	n/a
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	e	-	
С	Is the well in a high traffic area and does the well require protection from traffic?			***************************************
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			***************************************
2 Protecti	ve Casing			
a	Is the protective casing free from apparent damage and able to be secured?	·		
b	Is the casing free of degradation or deterioration?	i	PARTY	
С	Does the casing have a functioning weep hole?	4		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	$\overline{\nu}$		
е	Is the well locked and is the lock in good condition?	i	***************************************	
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?	2		
b	Is the well pad sloped away from the protective casing?	v		
С	Is the well pad in complete contact with the protective casing?	V		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			<u></u>
е	Is the pad surface clean (not covered with sediment or debris)?	<u>~~</u>		
4 Internal	casing			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	V		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?	V		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	i		
5 Sampling	g: Groundwater Wells Only:			
a <u>samping</u>	Does well recharge adequately when purged?	/		
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based or	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
7 Composition	·			
/ Correctiv	re actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell	_		
nit Number	N/A	_		*
ID	PZ-18	_		
	8-22-22	-		
1 Locatio	on/Identification	Yes	No	n/a
а	Is the well visible and accessible?	مسمد نو سمار نو		
b	Is the well properly identified with the correct well ID?	~		A
С	Is the well in a high traffic area and does the well require protection from traffic?		~	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	~		***********
2 Protect	ive Casing			
a	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	-		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	سسا		*****
е	Is the well locked and is the lock in good condition?			
3 Surface	e pad			
а	Is the well pad in good condition (not cracked or broken)?	4		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does no move when stepped on)	t		
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal	casing			
<u></u> а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	<u></u>		
5 <u>Samplin</u>	g: Groundwater Wells Only:	_		
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			, , , , , , , , , , , , , , , , , , ,
6 Based o	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
70 "	ve actions as needed, by date:			n

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
mit Number	N/A	_		
II ID	PZ-19	- -		
e	8/23/22			
1 continu/	dentification	Yes	No	n/a
	Is the well visible and accessible?			
a h				
b c	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require			
C	protection from traffic?		./	
d	Is the drainage around the well acceptable? (no standing water,			
.	nor is well located in obvious drainage flow path)			
2 Drotootivo	- ' '			***************************************
2 Protective	<u>Casing</u> Is the protective casing free from apparent damage and able to be		÷* .	
а	secured?			
b	Is the casing free of degradation or deterioration?	-		
C	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	1/		
е	Is the well locked and is the lock in good condition?			
3 <u>Surface pa</u>	- ad			
				
	Is the well pad in good condition (not cracked or broken)?			
	Is the well pad sloped away from the protective casing?	_/_		
	Is the well pad in complete contact with the protective casing?			
	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal ca	sing			
а	Does the cap prevent entry of foreign material into the well?			
	Is the casing free of kinks or bends, or any obstructions from			*
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?	/		
	Is the survey point clearly marked on the inner casing?			
	Is the depth of the well consistent with the original well log?			
	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	<u> </u>		
	Groundwater Wells Only:	_		•
	Does well recharge adequately when purged?			
	If dedicated sampling equipment installed, is it in good condition	./		
	and specified in the approved groundwater plan for the facility?	<u> </u>		
	Does the well require redevelopment (low flow, turbid)?	·		
	our professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory requirements?			
	•	<u> </u>		
	actions as needed, by date:	- 1	- 4	
W	asp in well cover. Removed waspnest	8/2	3/12	

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell	_		
nit Number	N/A		-	
ID	8/23/22			
		 Yes	No	n/a
1 Location	n/Identification	103	110	11/0
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protecti	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	$\overline{}$		
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	_/		
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?	/		
b	Is the well pad sloped away from the protective casing?	V		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does no			
е	move when stepped on)	-/-	-	
G	Is the pad surface clean (not covered with sediment or debris)?	<u></u>		
4 Internal				
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u></u>		
C	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?	<u> </u>		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	V		
5 <u>Sampling</u>	g: Groundwater Wells Only:			
а	Does well recharge adequately when purged?	,		
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			V
С	Does the well require redevelopment (low flow, turbid)?			V
6 Based or	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	./	_	
	re actions as needed, by date:	<u></u>		

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			,
ID	PZ-21	,		
	8/23/22			
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?	./		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	_/		
2 Protectiv	re Casing			
а а	Is the protective casing free from apparent damage and able to be secured?		• • •	
b	Is the casing free of degradation or deterioration?		***************************************	
С	Does the casing have a functioning weep hole?	-		
d	is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	7		
3 Surface	<u>-</u> pad			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	-		······
q	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does no	t /		
е	move when stepped on) Is the pad surface clean (not covered with sediment or debris)?	V		
4 <u>Internal c</u>				
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	_/		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 <u>Sampling</u>	: Groundwater Wells Only:			,
a	Does well recharge adequately when purged?			_/
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	-		_/
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
7 Competition	e actions as needed, by date:	<u>/</u>		

Signature and Seal of PE/PG responsible for inspection

Site Name	Plant Mitchell				
Permit Number	N/A	- 		1	
Well ID	PZ-12	- ,			
Date	8/23/22	-			
4.1	7. L. v. 055 z. 10 z. v.	Yes	No	n/a	
	/Identification	/			
а	Is the well visible and accessible?				
b	Is the well properly identified with the correct well ID?		B		
С	Is the well in a high traffic area and does the well require	/			
d	protection from traffic? Is the drainage around the well acceptable? (no standing water,				
u	nor is well located in obvious drainage flow path)				
0.5 / //					
2 Protective			-* .	*	
а	Is the protective casing free from apparent damage and able to be secured?	<u> </u>			
b	Is the casing free of degradation or deterioration?				
С	Does the casing have a functioning weep hole?				
d	Is the annular space between casings clear of debris and water,				
	or filled with pea gravel/sand?				
е	Is the well locked and is the lock in good condition?				
3 <u>Surface p</u>	<u>oad</u>				
а	Is the well pad in good condition (not cracked or broken)?				
b	Is the well pad sloped away from the protective casing?				
С	Is the well pad in complete contact with the protective casing?	-			
d	Is the well pad in complete contact with the ground surface and				
	stable? (not undermined by erosion, animal burrows, and does not				
	move when stepped on)	1			
е	Is the pad surface clean (not covered with sediment or debris)?				
4 <u>Internal ca</u>	asina				
a	Does the cap prevent entry of foreign material into the well?	/			
b	Is the casing free of kinks or bends, or any obstructions from				
	foreign objects (such as bailers)?	.1			
С	Is the well properly vented for equilibration of air pressure?	_/			
d	Is the survey point clearly marked on the inner casing?				
е	Is the depth of the well consistent with the original well log?				
f	Is the casing stable? (or does the pvc move easily when touched			***************************************	
	or can it be taken apart by hand due to lack of grout or use of slip	/			
	couplings in construction)				•
5 <u>Sampling:</u>	Groundwater Wells Only:				
a	Does well recharge adequately when purged?				
b	If dedicated sampling equipment installed, is it in good condition			/	•
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?				
	· · · · · · · · · · · · · · · · · · ·				
6 Based on	your professional judgement, is the well construction / location				
	appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory				
	requirements?	/			
7.0	· ·				
Λ ,	actions as needed, by date:	f ×			
Hat m	round around well pad + grass needs cut	ting			

Signature and Seal of PE/PG responsible for inspection

Name nit Number	Plant Mitchell N/A			
ID	PZ-Z3A	- , `		. ,
	8-22-22			
		- Yes	No	n/a
1 Location	n/Identification	. 00		
а	Is the well visible and accessible?	س		
b	Is the well properly identified with the correct well ID?			
С.	Is the well in a high traffic area and does the well require protection from traffic?		V	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	i		***************************************
2 Protectiv	ve Casing			
a	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			·
е	Is the well locked and is the lock in good condition?	V	······································	
3 Surface	nad	**************************************		
а <u>одгласо</u>	 -			
b	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
c d	Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does no	<u></u>		
	move when stepped on)	i		
е	Is the pad surface clean (not covered with sediment or debris)?	~		
4 Internal	casing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
•	foreign objects (such as bailers)?	4		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	4		
е	Is the depth of the well consistent with the original well log?	-		***************************************
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 <u>Sampling</u>	g: Groundwater Wells Only:	_		
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			***************************************
С	Does the well require redevelopment (low flow, turbid)?			
6 Based or	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
	requirements:			

Signature and Seal of PE/PG responsible for inspection

Vame it Number	Plant Mitchell N/A			
ID	PZ-24A	- . `		,
	B-23-22	_		
1 Locatio	on/Identification	Yes	No	n/a
a	Is the well visible and accessible?		•	
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protect	ive Casing			
а	Is the protective casing free from apparent damage and able to be secured?		<u>.</u>	
b	Is the casing free of degradation or deterioration?	-		
С	Does the casing have a functioning weep hole?	-		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?	4		
b	Is the well pad sloped away from the protective casing?	مسمعة		
С	Is the well pad in complete contact with the protective casing?			•
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not	:		***************************************
е	move when stepped on) Is the pad surface clean (not covered with sediment or debris)?			
C	is the pad surface clean (not covered with sediment or depris)?			
4 <u>Internal</u>	· · · · ·			
а	Does the cap prevent entry of foreign material into the well?	<u></u>		
b	Is the casing free of kinks or bends, or any obstructions from		•	
C	foreign objects (such as bailers)?			
c d	Is the well properly vented for equilibration of air pressure?		-	
	Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?	<u></u>		
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip	<u>~</u> .		
	couplings in construction)	1/		
5 Samplin	g: Groundwater Wells Only:			
а	Does well recharge adequately when purged?			1
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			V
6 Based o	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
	ve actions as needed, by date:			

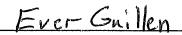
Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	_	'	•
IID	PZ-25	-		
)	8/23/22	_		
		Yes	No	n/a
1 Location/	<u>Identification</u>	,		
а	Is the well visible and accessible?			•
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)	V		
2 Protective	Cacina		***************************************	
а	Is the protective casing free from apparent damage and able to be secured?			
h				-
b	Is the casing free of degradation or deterioration?	<u></u>		
C C	Does the casing have a functioning weep hole?			Name of the last o
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	~		
е	Is the well locked and is the lock in good condition?			-
3 Surface p	ad			
a		1		
	Is the well pad in good condition (not cracked or broken)?			
Ь	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
G.	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
Ü	is the pad surface clean (not covered with sediment of debits)?			
4 Internal ca	asing			
а	Does the cap prevent entry of foreign material into the well?	1/		
b	Is the casing free of kinks or bends, or any obstructions from			•
_	foreign objects (such as bailers)?	./		
С	Is the well properly vented for equilibration of air pressure?			
q	Is the survey point clearly marked on the inner casing?	<u> </u>		
	Is the depth of the well consistent with the original well log?			M
e f	Is the casing stable? (or does the pvc move easily when touched	<u>v</u>		
1	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
	,			
5 <u>Sampling:</u>	Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?		<u> </u>	
6 Based on	your professional judgement, is the well construction / location			
- 20000 011	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	/		
	·	V		
	actions as needed, by date:			
Gr	ass needs catting			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell	_		
mit Number	N/A	-		•
IID	P2-27	•		
€	8-23-22	- Yes	Al -	.a.l.
1 <u>Locatio</u>	n/Identification	res	No	n/a
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require	N		
d	protection from traffic? Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)	L		
2 Protecti	ve Casing			
а	Is the protective casing free from apparent damage and able to be			
	secured?	سسنا		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	2		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?		w	
е	Is the well locked and is the lock in good condition?			
3 <u>Surface</u>	pad			
а	Is the well pad in good condition (not cracked or broken)?	سن		
b	Is the well pad sloped away from the protective casing?	i		
С	Is the well pad in complete contact with the protective casing?	مسا		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	سسن		
е	Is the pad surface clean (not covered with sediment or debris)?	<u></u>		
4 Internal	casing			
а	Does the cap prevent entry of foreign material into the well?	L		
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?	<u> </u>		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 <u>Sampling</u>	g: Groundwater Wells Only:			-
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			<u> </u>
С	Does the well require redevelopment (low flow, turbid)?			
6 Based or	n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
	roquiromonio:			

Signature and Seal of PE/PG responsible for inspection



N/A			
	-		*
PZ-28	-		
8-23-22	Yes	No	n/a
n/Identification	163	110	IIIa
Is the well visible and accessible?	e		
Is the well properly identified with the correct well ID?	c		
•			
- , , ,			
		<i></i>	
The state of the s			
- · · · · · · · · · · · · · · · · · · ·			
	_		
Is the well locked and is the lock in good condition?	U		BAN
nad			
, · · · · · · · · · · · · · · · · · · ·			
· · · · · · · · · · · · · · · · · · ·			
·	1		
			
	<u>`</u>		
· · · · · · · · · · · · · · · · · · ·	<i>-</i>		
· · · · · · · · · · · · · · · · · · ·			
· · · · · · · · · · · · · · · · · · ·			
• • • • • • • • • • • • • • • • • • • •			
			
or can it be taken apart by hand due to lack of grout or use of slip			
couplings in construction)	U		
g: Groundwater Wells Only:			
Does well recharge adequately when purged?			4
If dedicated sampling equipment installed, is it in good condition			
		-	1
Does the well require redevelopment (low flow, turbid)?			
appropriate to 1) achieve the objectives of the Groundwater			
requirements?			
•	Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) ve Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? pad Is the well pad in good condition (not cracked or broken)? Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the pround surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? casing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?	Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) we Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? pad Is the well pad in good condition (not cracked or broken)? Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? casing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the bench of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) g: Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? n your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) We Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? Dad Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Casing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) G. Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? In your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
mit Number	N/A	•		,
ll ID	<u> 12-29</u>			
е	8/23/22	- 、,		_
1 Location	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	1		
С	Is the well in a high traffic area and does the well require			
	protection from traffic?		/	
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			
а	Is the protective casing free from apparent damage and able to be	/		
	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	_/		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 <u>Surface</u>	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?	/		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal of	casing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	,		
	couplings in construction)			
5 <u>Sampling</u>	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			_
•	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?			
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory requirements?			
	requirements:	V		-

Signature and Seal of PE/PG responsible for inspection

ame Number	Plant Mitchell N/A	-		,
)	PZ-31			
	8/22/22	- -		
		Yes	No	n/a
	n/Identification	,		
a	Is the well visible and accessible?	<u></u>		
b	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require			
С	protection from traffic?			Philipping
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protecti	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?		***************************************	
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	<u> </u>		
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	-/-		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
1 Internal				
4 Internal	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	_		
	couplings in construction)			
5 Sampling	g: Groundwater Wells Only:			
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?		<u> </u>	
6 Based or	n your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
	re actions as needed, by date:	<u> </u>		

Signature and Seal of PE/PG responsible for inspection

Vame	Plant Mitchell			
it Number	N/A	-		
ID	PZ-32			
	8/22/22			
4.1 (1	, , , , , , , , , , , , , , , , , , ,	Yes	No	n/a
	(Identification	,		
a ,	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require		/	
d	protection from traffic? Is the drainage around the well acceptable? (no standing water,	-		
u	nor is well located in obvious drainage flow path)	/		
0.5				
2 Protective			F	•
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?	<u></u>		
d	Is the annular space between casings clear of debris and water,			
G	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
2 Cumfoco n	·			
3 <u>Surface p</u>		,		
a	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not	_		
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?	_		
4 Internal ca	asina			
a	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	1/		
С	Is the well properly vented for equilibration of air pressure?	<u> </u>		
d	Is the survey point clearly marked on the inner casing?	~		
е	Is the depth of the well consistent with the original well log?	V		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling:	Groundwater Wells Only:			
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition	,		
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	/		
	requirements?			
	actions as needed, by date:			•

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A	- -		
ID	PZ-33	_		
	8-23-22	,		_
1 Location	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?	سسن		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require	***************************************		
	protection from traffic?		<u>~</u>	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	~		
2 Protectiv	ve Casing			
a a	Is the protective casing free from apparent damage and able to be		• •	
u	secured?	فيستعمل		
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	- in	A-1	
d	Is the annular space between casings clear of debris and water,	T		Thirt was
	or filled with pea gravel/sand?	L		
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?	س		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	î		
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal of	casing			
a	Does the cap prevent entry of foreign material into the well?	-		
b	Is the casing free of kinks or bends, or any obstructions from		 .	
	foreign objects (such as bailers)?	~		
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	V		***************************************
е	Is the depth of the well consistent with the original well log?	W.		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	_	_	
	,			
	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?		· · · · · · · · · · · · · · · · · · ·	
b	If dedicated sampling equipment installed, is it in good condition	. /		
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?	<u> </u>		
o Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
	roquirontono:			

Signature and Seal of PE/PG responsible for inspection

Permit Number Well ID Date PZ - H 2	
Date S	
Location/Identification a Is the well visible and accessible? b Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
a Is the well visible and accessible? b Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
b Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? * b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	-
or filled with pea gravel/sand? e Is the well locked and is the lock in good condition?	
e Is the well locked and is the lock in good condition?	
3 Surface pad	
a Is the well pad in good condition (not cracked or broken)?	
b Is the well pad sloped away from the protective casing?	
c Is the well pad in complete contact with the protective casing?	
d Is the well pad in complete contact with the ground surface and	
stable? (not undermined by erosion, animal burrows, and does not	
move when stepped on) e Is the pad surface clean (not covered with sediment or debris)?	
	÷
4 Internal casing	
Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from	
foreign objects (such as bailers)?	
c Is the well properly vented for equilibration of air pressure?	
d Is the survey point clearly marked on the inner casing?	
e Is the depth of the well consistent with the original well log?	
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip	
couplings in construction)	
5 Sampling: Groundwater Wells Only:	
a Does well recharge adequately when purged?	
b If dedicated sampling equipment installed, is it in good condition	
and specified in the approved groundwater plan for the facility?	
c Does the well require redevelopment (low flow, turbid)?	
6 Based on your professional judgement, is the well construction / location	
appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory	
requirements?	
7 Corrective actions as needed, by date:	
Area around well is getting washed out from rain water draini	Λq
Signature and Seal of PE/PG responsible for inspection protective casing and well pad ar slowly sinking down around the riser thank the part of the think the slowly sinking down around the riser thank to open and close protective casing and close protective casing and well pad are slowly sinking down around the riser thank to open and close protective.	. ~
slowly sinking down around the	er S
Daniel Howard * Hard to open and close protecti	۲: ۲(ع د ا
casing lid.	•

** N.1 f		_			
nit Number	N/A	• •	-		
ID	<u> </u>				
	8/23/22				
1 Location	/Identification	Yes	No	n/a	
a	Is the well visible and accessible?			•	
b	Is the well properly identified with the correct well ID?				
c	Is the well in a high traffic area and does the well require				
_	protection from traffic?		1/		
d	Is the drainage around the well acceptable? (no standing water,			*************	
	nor is well located in obvious drainage flow path)				
2 Protectiv	re Casing				
a	Is the protective casing free from apparent damage and able to be	_	•		
	secured?				
b	Is the casing free of degradation or deterioration?				
С	Does the casing have a functioning weep hole?	3/			
d	Is the annular space between casings clear of debris and water,			***************************************	
	or filled with pea gravel/sand?		-		
е	Is the well locked and is the lock in good condition?				
3 Surface	pad				
a	Is the well pad in good condition (not cracked or broken)?	./			
b	,				
	Is the well pad sloped away from the protective casing?	1/			
C	Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and				
d	stable? (not undermined by erosion, animal burrows, and does not				
	move when stepped on)				
е	Is the pad surface clean (not covered with sediment or debris)?				
1 Internal s					
4 <u>Internal c</u> a		1			
	Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from				
b	foreign objects (such as bailers)?	/			
С	Is the well properly vented for equilibration of air pressure?				و حد ما ا
d	Is the survey point clearly marked on the inner casing?			<u> </u>	Flush moun"
e	Is the depth of the well consistent with the original well log?	\			
f	Is the casing stable? (or does the pvc move easily when touched				
•	or can it be taken apart by hand due to lack of grout or use of slip	,			
	couplings in construction)	1			
5 Sampling	: Groundwater Wells Only:				
a	Does well recharge adequately when purged?			1	
b	If dedicated sampling equipment installed, is it in good condition				•
	and specified in the approved groundwater plan for the facility?				
С	Does the well require redevelopment (low flow, turbid)?				
6 Based on	your professional judgement, is the well construction / location			1 2	
	appropriate to 1) achieve the objectives of the Groundwater				
	Monitoring Program and 2) comply with the applicable regulatory	/			•
	requirements?				
	-				

Signature and Seal of PE/PG responsible for inspection

ame t Number	Plant Mitchell N/A	•••		
D	PZ-50	-	-	•
	8/23/22	<u>-</u>		
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?	/		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protectiv	e Casing			
a	Is the protective casing free from apparent damage and able to be secured?	/		
b	Is the casing free of degradation or deterioration?			· ·
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	_1/_		
3 Surface p	<u>pad</u>		,	
a	Is the well pad in good condition (not cracked or broken)?	/		
b	· · · · · · · · · · · · · · · · · · ·			
	Is the well pad sloped away from the protective casing?			
c d	Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?	Ţ	 .	
4	•		***************************************	-
4 Internal c		,		
a b	Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u> </u>		
С	Is the well properly vented for equilibration of air pressure?			V Flushmon
d	Is the survey point clearly marked on the inner casing?			FIUShmou
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	V		
5 <u>Sampling</u>	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			
	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			

Signature and Seal of PE/PG responsible for inspection

lame it Number	Plant Mitchell	•			
D Number	N/A		••	. ,	
D	\$122112	-			
		Yes	No	n/a	
1 Location	n/Identification				
а	Is the well visible and accessible?				•
b	Is the well properly identified with the correct well ID?				
C	Is the well in a high traffic area and does the well require protection from traffic?		1.		
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)				
2 Protectiv	<u>ve Casing</u>			•	
а	Is the protective casing free from apparent damage and able to be secured?	V .			
b	Is the casing free of degradation or deterioration?				
C	Does the casing have a functioning weep hole?				
d	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?	<u>/</u>			
е	Is the well locked and is the lock in good condition?				
3 <u>Surface</u>	<u>pad</u>	,			
а	Is the well pad in good condition (not cracked or broken)?				
b	Is the well pad sloped away from the protective casing?			-	
С	Is the well pad in complete contact with the protective casing?		***************************************		
đ	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)				
е	Is the pad surface clean (not covered with sediment or debris)?				
4 Internal of	rasing ·			——————————————————————————————————————	
a a	Does the cap prevent entry of foreign material into the well?				
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	<u>~</u>	 .		
С	Is the well properly vented for equilibration of air pressure?			VF	lush mon
d	Is the survey point clearly marked on the inner casing?	/		***************************************	
e	Is the depth of the well consistent with the original well log?				
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	_			
5 Sampline	g: Groundwater Wells Only:				•
a <u>outroning</u>	Does well recharge adequately when purged?			1	
b	If dedicated sampling equipment installed, is it in good condition				
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?				
6 Based or	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	./			

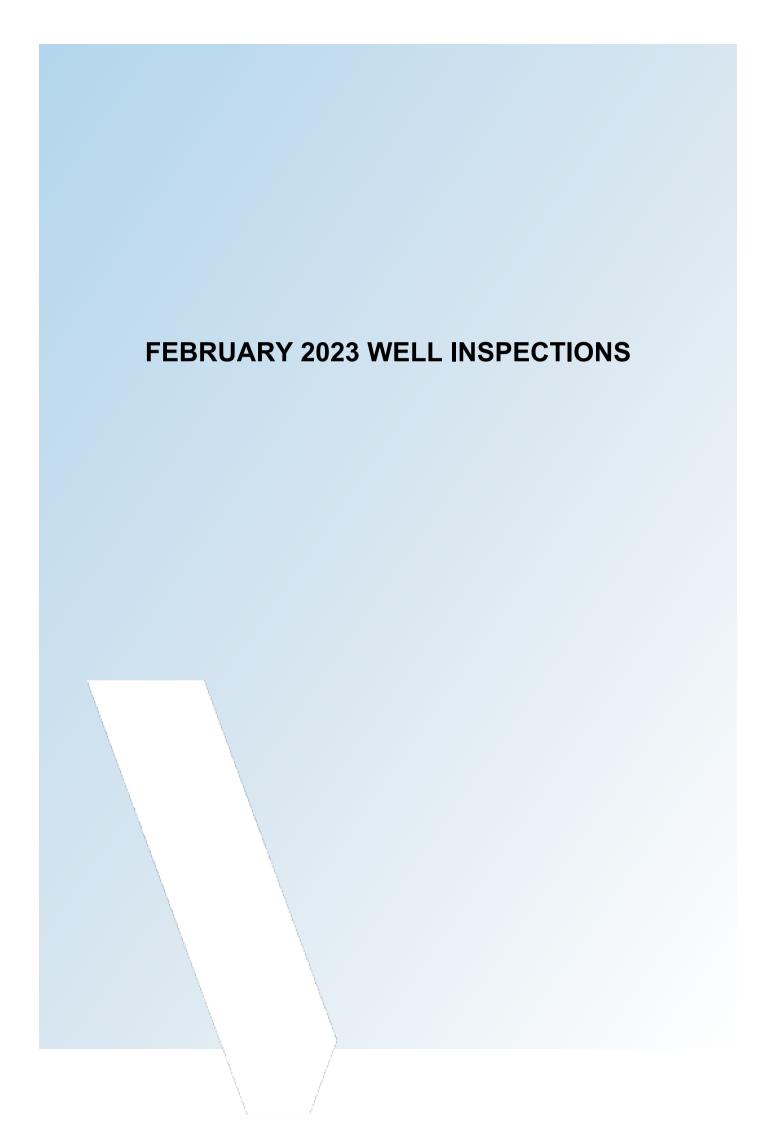
Signature and Seal of PE/PG responsible for inspection

It Number ID Part	Name	Plant Mitchell			
1 Location/Identification a Is the well visible and accessible? b is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well pad in good condition (not cracked or broken)? b Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) s the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? Is the evel properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? Is the declar of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction? 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your profes	it Number	N/A	-	•	
1 Location/Identification a Is the well visible and accossible? b is the well in a high traffic area and does the well require protection from traffic? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea grave/Isand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) l Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? C Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only; a Does well recharge adequately when purged? b if dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? C Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achi	ID	PZ-52			
1 Location/Identification a Is the well visible and accossible? b is the well in a high traffic area and does the well require protection from traffic? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea grave/Isand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) l Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? C Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only; a Does well recharge adequately when purged? b if dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? C Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achi		8/23/22			
a Is the well properly identified with the correct well ID? b Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or illied with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the grond surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the daken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sambling. Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require rodevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction I location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			Yes	No	n/a
b Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well pad in good condition (not cracked or broken)? b Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pov move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only; a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? C Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory	· · · · · · · · · · · · · · · · · · ·				
c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling. Croundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? C Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction I location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					
protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the anular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well property vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pve move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Samoling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					******
d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stopped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	С			_	
nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well property vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pcv move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	لم	•			····
2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	a	- ' ' '	/		
Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration?	2 Protecti	- · · · ·			
secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			.	٠.	
c Does the casing have a functioning weep hole? d Is the annuliar space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					
c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	b	Is the casing free of degradation or deterioration?			Mr. Martine and Apply and
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equillibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					The state of the s
or filled with pea gravel/sand? Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?		- · · · · · · · · · · · · · · · · · · ·			M
a Is the well pad in good condition (not cracked or broken)? b Is the well pad in good condition (not cracked or broken)? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Moniforing Program and 2) comply with the applicable regulatory requirements?			/		
ls the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	е	, -			
ls the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	3 Surface	<u>pad</u>	,		**************************************
b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	а	Is the well pad in good condition (not cracked or broken)?			
c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	b	•			
d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	C		/		
stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e					
move when stepped on) ls the pad surface clean (not covered with sediment or debris)? Internal casing Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? C Does the well require redevelopment (low flow, turbid)? Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	u		,		
e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					
a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	е	• • • • • • • • • • • • • • • • • • • •			
a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	4 Internal	casing			
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					
foreign objects (such as bailers)? C Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					
Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Sampling: Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	Б		. /		
d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	C				161
e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?		·			V / INJA MO
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?		• • • • • • • • • • • • • • • • • • • •			
or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					
couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	•				
b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			V		
Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	5 Sampling	g: Groundwater Wells Only:			
b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?					/
c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	b	If dedicated sampling equipment installed, is it in good condition			
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?		and specified in the approved groundwater plan for the facility?			
appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	С	Does the well require redevelopment (low flow, turbid)?			
Monitoring Program and 2) comply with the applicable regulatory requirements?	6 Based or				
requirements?					
			,		
7 Corrective actions as needed, by date:		requirements?			
	7 Correctiv	e actions as needed, by date:			
	3 2 3 3 4 7	· ·,y 			

Signature and Seal of PE/PG responsible for inspection

t Number	N/A	_		
D	P2-57	_		
	8-22-22	- Yes	NI -	1
1 Locatio	on/Identification	res	No	n/a
а	Is the well visible and accessible?	C	_	
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?	P		
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			***************************************
2 Protect	tive Casing			
а	Is the protective casing free from apparent damage and able to be secured?	ù		
b	Is the casing free of degradation or deterioration?	~		
С	Does the casing have a functioning weep hole?	c/		E-7
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface	<u>e pad</u>			
а	Is the well pad in good condition (not cracked or broken)?	4		
b	Is the well pad sloped away from the protective casing?	v		W
С	Is the well pad in complete contact with the protective casing?	- Carrier		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal	, , ,			
a a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from		 .	
-	foreign objects (such as bailers)?	i		
С	Is the well properly vented for equilibration of air pressure?	~	***************************************	
d	Is the survey point clearly marked on the inner casing?	<u> </u>		
е	Is the depth of the well consistent with the original well log?	4		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip		,	
-	couplings in construction)			
	ng: Groundwater Wells Only:			
a h	Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			
b	and specified in the approved groundwater plan for the facility?			1
С	Does the well require redevelopment (low flow, turbid)?		7	
	on your professional judgement, is the well construction / location			
o baseu c	appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			

Signature and Seal of PE/PG responsible for inspection



Site Name	Plant Mitchell			
Permit Number	N/A			
Well ID	MW-101			
Date	2/13/23			
1 Location	n/Identification	Yes	No	n/a
a <u>Location</u>	Is the well visible and accessible?	/		
b	Is the well properly identified with the correct well ID?			
c	Is the well in a high traffic area and does the well require		<u> </u>	
Ū	protection from traffic?	/		
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			
a	Is the protective casing free from apparent damage and able to be)		
	secured?			
Ь	Is the casing free of degradation or deterioration?	Z		
С	Does the casing have a functioning weep hole?	\overline{Z}		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			-
3 <u>Surface</u>	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?	/		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?		Marrie and Springer	to a second second
d	Is the well pad in complete contact with the ground surface and			(CA 404.06.00 hammer may
	stable? (not undermined by erosion, animal burrows, and does no	t .		
	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			TOWARD MATERIAL MATERIAL
4 Internal	casing			
a	Does the cap prevent entry of foreign material into the well?	1/		,
b	Is the casing free of kinks or bends, or any obstructions from			B
	foreign objects (such as bailers)?			
C	Is the well properly vented for equilibration of air pressure?	1		to other transfer of the said
d	Is the survey point clearly marked on the inner casing?			***************************************
е	Is the depth of the well consistent with the original well log?	$\overline{}$		
f	Is the casing stable? (or does the pvc move easily when touched			i
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
r oʻ u	,	<u></u>		
	g: Groundwater Wells Only:			
a b	Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			
D	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?		-	<u> </u>
	your professional judgement, is the well construction / location	HAIM		
o Dased Ol	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
~ ~	e actions as needed, by date:			Management of

Signature and Seal of PE/PG responsible for inspection

Vame	Plant Mitchell			
it Number	N/A	_		
ID	MW-102	-		
	2/13/23			
1 Location	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
C	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
σ,	nor is well located in obvious drainage flow path)			
2 Protectiv				
a	Is the protective casing free from apparent damage and able to be			
G	secured?	/		
b	Is the casing free of degradation or deterioration?			×
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	V		
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	-/		
3 Surface	nad			H
а	•			
b	Is the well pad in good condition (not cracked or broken)?	<u></u>		
В	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal of	casing			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	is the well properly vented for equilibration of air pressure?			***************************************
ď	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			-
f	Is the casing stable? (or does the pvc move easily when touched		PO-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	1/		
5 <u>Sampling</u>	: Groundwater Wells Only:	n sek a		
а	Does well recharge adequately when purged?	_XX	-	/
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?	,		
C	Does the well require redevelopment (low flow, turbid)?			
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Corrective	e actions as needed, by date:			
	•			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	MW-103			
!	2/13/23			
		Yes	No	n/a
1 Location	n/Identification	4		
a	Is the well visible and accessible?			
Ь	is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			-
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	1/		
2 Protecti	ve Casing			-
a	Is the protective casing free from apparent damage and able to be secured?	•		
Ь	Is the casing free of degradation or deterioration?			******
C	Does the casing have a functioning weep hole?	<u> </u>		
ď	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Curfoss		-V		
3 <u>Surface</u> a	·			
	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	1		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			***************************************
е	Is the pad surface clean (not covered with sediment or debris)?	~	***************************************	
.	is the pad surface clear (not covered with sediment of depris)?			-
4 Internal of	pasing			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	<u> </u>		
C	Is the well properly vented for equilibration of air pressure?	V		
d	Is the survey point clearly marked on the inner casing?	-		
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched	•		
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
	,		***************************************	
	: Groundwater Wells Only:			
а	Does well recharge adequately when purged?	**********		_/
b	If dedicated sampling equipment installed, is it in good condition			^
0	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			
C	·			<u> </u>
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater. Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
7 Corrective	e actions as needed, by date:			
. 55,,550,70	is the state of the state of states.			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	- -		
ID	MW-III	_		
	2-14-23	-		
4.1		Yes	No	n/a
	<u>/Identification</u>			
a '	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	-		
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)			
2 Duntantin	- , ,			
2 Protective	e Casing Is the protective casing free from apparent damage and able to be			
а	secured?	-	-	
ь	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
ď	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	٠		
е	Is the well locked and is the lock in good condition?			
3 <u>Surface p</u>	ad			- distributions
а	is the well pad in good condition (not cracked or broken)?	سسب		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			-
d	Is the well pad in complete contact with the ground surface and			
u	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			P
	· · ·			Service Andrews American
4 <u>Internal ca</u>				•
a	Does the cap prevent entry of foreign material into the well?		· · · · · · · · · · · · · · · · · · ·	*
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
C	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 Camallan	Groundwater Wells Only:			
a <u>Sampling.</u>	Does well recharge adequately when purged?		ē	· Market and
b	If dedicated sampling equipment installed, is it in good condition			V_
	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?			- London
	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
	- ·	<u> </u>	***************************************	
/ Liorrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	•		
ID	MW-113	-		
)	7-13-23			
11	Mantification	Yes	No	n/a
	n/Identification	_		
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require			
С	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			
a <u>1700001</u>	Is the protective casing free from apparent damage and able to be			•
	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			-
3 <u>Surface</u> l	<u>oad</u>			
а	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
0	move when stepped on)		·	-
e _.	Is the pad surface clean (not covered with sediment or debris)?			-
4 <u>Internal c</u>				
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			Western Company of the
C .	is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?	مس		
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling	: Groundwater Wells Only:			
а <u>затънга</u>	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater. Monitoring Program and 2) comply with the applicable regulatory requirements?			
	- ·	<u> </u>		
7 Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	MW-116	-		
)	2-14-2-3	- -		
		Yes	No	n/a
	<u>Identification</u>			
a	Is the well visible and accessible?		***************************************	
b	Is the well properly identified with the correct well ID?	***************************************		
С	Is the well in a high traffic area and does the well require		_	
لہ	protection from traffic?	***************************************		
d	Is the drainage around the well acceptable? (no standing water,	_	-	
	nor is well located in obvious drainage flow path)			
2 Protective				
а	Is the protective casing free from apparent damage and able to be			
	secured?	- i-		
р	Is the casing free of degradation or deterioration?		-	*****
С	Does the casing have a functioning weep hole?	CURRENCE COMPANY		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 <u>Surface pa</u>	<u>ad</u>			
а	is the well pad in good condition (not cracked or broken)?			
b	· · · · · · · · · · · · · · · · · · ·			
	Is the well pad sloped away from the protective casing?			
c d	Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and			· · · · · · · · · · · · · · · · · · ·
u	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
•	,	·····		
4 Internal ca				
	Does the cap prevent entry of foreign material into the well?			
	Is the casing free of kinks or bends, or any obstructions from	_		
	foreign objects (such as bailers)?		Weeks and the second	
	Is the well properly vented for equilibration of air pressure?			
	Is the survey point clearly marked on the inner casing?			
	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched		·	
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)		-	
	·	See See		-
	Groundwater Wells Only: Does well recharge adequately when purged?			
	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			/
	Does the well require redevelopment (low flow, turbid)?			<u></u>
	·			
o Based on y	our professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	/		
	oqui omonio i	•		

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A	-		
ID	M W-119	-		
	2/13/23	-		
1.1.000#101	all dontification	Yes	No	n/a
	n/Identification	/		
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?		/	
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)			
2 Protectiv				-
<u>а</u>	Is the protective casing free from apparent damage and able to be			
	secured?			
b	Is the casing free of degradation or deterioration?			***************************************
С	Does the casing have a functioning weep hole?		1	
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	/		
е	Is the well locked and is the lock in good condition?			
3 Surface	<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	/		*
d	Is the well pad in complete contact with the ground surface and	<u> </u>		
u	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	casing			Martin L. 1884; April 1984; April 1984
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from	#		
	foreign objects (such as bailers)?			
С	is the well properly vented for equilibration of air pressure?	<u> </u>		***************************************
ď	Is the survey point clearly marked on the inner casing?	<u> </u>		-
е	Is the depth of the well consistent with the original well log?	1		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	_		
	couplings in construction)			-
5 <u>Sampling</u>	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition		_	
	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	 .		
7 Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	MW-120			
)	2/13/23			
		Yes	No	n/a
1 <u>Location</u>	<u>//Identification</u>	_		
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protectiv	ro Coping			-
	Is the protective casing free from apparent damage and able to be			•
а	secured?			
b	Is the casing free of degradation or deterioration?			
	Does the casing have a functioning weep hole?			
c d				
u	Is the annular space between casings clear of debris and water,	. /		
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	<u> </u>		
3 <u>Surface</u> (<u>oad</u>			
а	is the well pad in good condition (not cracked or broken)?			
b				
	Is the well pad sloped away from the protective casing?			*
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and	•		
	stable? (not undermined by erosion, animal burrows, and does not	1		
	move when stepped on)			
е.	Is the pad surface clean (not covered with sediment or debris)?	/		Port and
4 Internal c	asing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
D	foreign objects (such as bailers)?			
С				***************************************
	Is the well properly vented for equilibration of air pressure?	<u> </u>		
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			· ·
	couplings in construction)	./		
	,	<u> </u>		
5 <u>Sampling</u>	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			/
	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?	······································		
6 Based on	your professional judgement, is the well construction / location			• •
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	,		
	requirements?	\checkmark		
	actions as needed, by date:			
7 Corrective				

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-IA			
	2/13/23			
1 Longlion	// departification	Yes	No	n/a
	/Identification	/		
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	_		
С	Is the well in a high traffic area and does the well require			
ما	protection from traffic? Is the drainage around the well acceptable? (no standing water,			
d	nor is well located in obvious drainage flow path)	/		
0.5. ()				
2 Protective				
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			M
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			·
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface p	ad			
a	is the well pad in good condition (not cracked or broken)?			
b	,	-		
0	Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing?	<u></u>		
c d	Is the well pad in complete contact with the ground surface and			
u	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal ca	esina	·		
a	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from			
D	foreign objects (such as bailers)?			
C	is the well properly vented for equilibration of air pressure?			Y
	•	<u> </u>		
d	Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?	<u> </u>		
e f	Is the casing stable? (or does the pvc move easily when touched			
ı	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling	Groundwater Wells Only:	<u></u>		
a <u>Sampling.</u>	Does well recharge adequately when purged?		•	1
b	If dedicated sampling equipment installed, is it in good condition			-V_
~	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?			-
	your professional judgement, is the well construction / location			<u></u>
U DAGGG ON	appropriate to 1) achieve the objectives of the Groundwater .			•
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
	•			
/ Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	PZ-ID	_		
	2/13/23			
1.1.0001:00		Yes	No	n/a
	/Identification			
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?		_	
cl.	· · · · · · · · · · · · · · · · · · ·			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protectiv	e Casing			
а	Is the protective casing free from apparent damage and able to be secured?			•
Ь	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?			***************************************
d	Is the annular space between casings clear of debris and water,			
 -	or filled with pea gravel/sand?	./		
e	Is the well locked and is the lock in good condition?			
3 <u>Surface r</u>	<u>oad</u>	_		
а	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	<u></u>		
d	Is the well pad in complete contact with the ground surface and			
u	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	_/		
е	Is the pad surface clean (not covered with sediment or debris)?	-		
•				
4 <u>Internal c</u>				
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	<u> </u>		
C	is the well properly vented for equilibration of air pressure?			
ď	Is the survey point clearly marked on the inner casing?	7		
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip	/		
	couplings in construction)			
5 Sampling:	Groundwater Wells Only:			
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory	1		
	requirements?			
	actions as needed, by date:	<u> </u>		
7 Corrective				

Name	Plant Mitchell			
nit Number	N/A	rtmal		
ID	PZ-IS			
	2/13/23			
		Yes	No	n/a
	/Identification	,		
a	Is the well visible and accessible?	1		
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
٠.	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	_		
	• ,			
2 Protective				·
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			-
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	V		
3 Surface p	<u>.</u> <u>ad</u>			
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?		-	
С	Is the well pad in complete contact with the protective casing?	-V		
d	Is the well pad in complete contact with the ground surface and			
ď	stable? (not undermined by erosion, animal burrows, and does no	f		
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?	7		
	,			
4 <u>Internal ca</u>		,		
a ,	Does the cap prevent entry of foreign material into the well?			10-14-1-14-14-14-14-14-14-14-14-14-14-14-1
b	Is the casing free of kinks or bends, or any obstructions from	/		
0	foreign objects (such as bailers)?	~		
С .	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?			
e f	Is the casing stable? (or does the pvc move easily when touched	~		
ı	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	./		
5 Sampling	Groundwater Wells Only:			
a <u>Sampling.</u>	Does well recharge adequately when purged?			/
b	If dedicated sampling equipment installed, is it in good condition			~
	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?			~
	your professional judgement, is the well construction / location			
o Dased OII	appropriate to 1) achieve the objectives of the Groundwater .			••
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Corrective	actions as needed, by date:			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	actions as needed, by date.			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A	_		
ID	PZ-OIR			
	2/13/23			
1 Location	ı/Identification	Yes	No	n/a
a	Is the well visible and accessible?	,		
b	Is the well properly identified with the correct well ID?	<u></u>		
С	Is the well in a high traffic area and does the well require			
C	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)	/		
2 Protectiv	re Casina			
a a	Is the protective casing free from apparent damage and able to be			
<u></u>	secured?			
b	Is the casing free of degradation or deterioration?			***************************************
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	<u> </u>		
3 Surface	pad			
а	is the well pad in good condition (not cracked or broken)?	,		
b	,	<u> </u>	VA.(1)	
	Is the well pad sloped away from the protective casing?			
ر C	Is the well pad in complete contact with the protective casing?	<u> </u>		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	_		
е	Is the pad surface clean (not covered with sediment or debris)?	<u></u>	***************************************	***************************************
•				
4 Internal c				
a	Does the cap prevent entry of foreign material into the well?		****	F
b	Is the casing free of kinks or bends, or any obstructions from	^		
•	foreign objects (such as bailers)?	<u> </u>		
С	is the well properly vented for equilibration of air pressure?	<u> </u>		
d	Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?			
e f	Is the casing stable? (or does the pvc move easily when touched			
•	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	/		
5 Sampling	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition	W-1-1		
	and specified in the approved groundwater plan for the facility?			W
С	Does the well require redevelopment (low flow, turbid)?			/
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	_		
	requirements?			
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A			
ID	PZ-2A	-		
	7/13/23			
1 Location	ा/Identification	Yes	No	n/a
a <u>Location</u>	Is the well visible and accessible?	,		
b			***************************************	
С	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require			
C	protection from traffic?		,	
d	Is the drainage around the well acceptable? (no standing water,		~	
- ,	nor is well located in obvious drainage flow path)			
2 Drotootis		***************************************		
2 <u>Protectiv</u> a	Is the protective casing free from apparent damage and able to be			
а	secured?			
b	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	$\overline{\mathcal{L}}$		
3 <u>Surface</u>	oad	—		-
а	Is the well pad in good condition (not cracked or broken)?			
b	•			-
	Is the well pad sloped away from the protective casing?			
C	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	V		
е	Is the pad surface clean (not covered with sediment or debris)?		***************************************	
· .	to the pad softace dean (not covered with sediment of dephs)?		****	
4 <u>Internal c</u>	easing			
а	Does the cap prevent entry of foreign material into the well?	<u> </u>		
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			·
C	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
•	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling	: Groundwater Wells Only:			
a <u>oampling</u>	Does well recharge adequately when purged?			
þ	If dedicated sampling equipment installed, is it in good condition			<u> </u>
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	/		
	requirements?	<u> </u>		
	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

			Plant Mitchell	Name
		Auss	N/A	nit Number
		~	PZ-1D	ID
			2/13/23	
n/a	No	Yes No		
		4	n/ldentification	
		V	Is the well visible and accessible?	a
		<u> </u>	Is the well properly identified with the correct well ID?	b
	,	,	Is the well in a high traffic area and does the well require	С
_	<u> </u>		protection from traffic? Is the drainage around the well acceptable? (no standing water,	d
			nor is well located in obvious drainage flow path)	u
			- , ,	0.5 ("
•				2 Protectiv
			Is the protective casing free from apparent damage and able to be secured?	a
			Is the casing free of degradation or deterioration?	b
			Does the casing have a functioning weep hole?	C
			Is the annular space between casings clear of debris and water,	d
		<u> </u>	or filled with pea gravel/sand?	
		<u> </u>	Is the well locked and is the lock in good condition?	е
			<u>pad</u>	3 <u>Surface</u> j
		\checkmark	is the well pad in good condition (not cracked or broken)?	а
			Is the well pad sloped away from the protective casing?	b
-			Is the well pad in complete contact with the protective casing?	С
			Is the well pad in complete contact with the ground surface and	d
			stable? (not undermined by erosion, animal burrows, and does not	
		/,	move when stepped on)	
~			Is the pad surface clean (not covered with sediment or debris)?	е
			casing :	4 Internal c
÷			Does the cap prevent entry of foreign material into the well?	a a
-		_V	Is the casing free of kinks or bends, or any obstructions from	b
			foreign objects (such as bailers)?	V
		-	Is the well properly vented for equilibration of air pressure?	С
			Is the survey point clearly marked on the inner casing?	d .
			Is the depth of the well consistent with the original well log?	е
			Is the casing stable? (or does the pvc move easily when touched	f
			or can it be taken apart by hand due to lack of grout or use of slip	
			couplings in construction)	
	•	•	g: Groundwater Wells Only:	5 <u>Sampling</u>
-		<u> </u>	Does well recharge adequately when purged?	a
				b
-		<u> </u>		0
-				
. •				ช Based on
			Monitoring Program and 2) comply with the applicable regulatory	
		<u></u>	requirements?	
			re actions as needed, by date:	7 Corrective
	~		requirements?	

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A	-		
ID	PZ-02R	_		
	2/13/23			
4.1	14.04	Yes	No	n/a
	dentification			
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?		V	
đ	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protective	- ,			
a a	Is the protective casing free from apparent damage and able to be secured?	/		•
h				***************************************
b	Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole?			
c d	- · · · · · · · · · · · · · · · · · · ·			
ŭ	Is the annular space between casings clear of debris and water, or filled with pea gravel/sand?			
e ·	Is the well locked and is the lock in good condition?			
	·			
3 <u>Surface pa</u>	<u>ad</u>			
а	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			***************************************
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
	Is the pad surface clean (not covered with sediment or debris)?		***************************************	
				Works and Annual
4 <u>Internal ca</u>		1		*
	Does the cap prevent entry of foreign material into the well?			
	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
	Is the well properly vented for equilibration of air pressure?			
	Is the survey point clearly marked on the inner casing?	/_		
	Is the depth of the well consistent with the original well log?	_/_	-	
	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	/		
	, -	<u> </u>		
	Groundwater Wells Only:			/
	Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition		-	
	and specified in the approved groundwater plan for the facility?			
	Does the well require redevelopment (low flow, turbid)?	·	***************************************	
	,			
	our professional judgement, is the well construction / location			••
	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
7 Corrective a	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

David Howard

Vame	Plant Mitchell			
nit Number	N/A			
ID	PZ-25			
	1/13/23	-		
1 Location	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?	.1		
b	Is the well properly identified with the correct well ID?			P
С	Is the well in a high traffic area and does the well require			
J	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			-
	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing		***********	
а	Is the protective casing free from apparent damage and able to be secured?			•
Ь	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	/		
3 Surface	<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	<u>~</u>		
d	Is the well pad in complete contact with the ground surface and			
G .	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	/		
е	Is the pad surface clean (not covered with sediment or debris)?		-	
•		<u></u>		
4 <u>Internal c</u>		_		
a	Does the cap prevent entry of foreign material into the well?		-	
b	Is the casing free of kinks or bends, or any obstructions from			
•	foreign objects (such as bailers)?			····
C ,	is the well properly vented for equilibration of air pressure?	<u> </u>		
d	Is the survey point clearly marked on the inner casing?	<u> </u>		N
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
'	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	/		
5 Sampling	: Groundwater Wells Only:	<u></u>		
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
C ·	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
7 Corroctive	e actions as needed, by date:	<u> </u>		
Corrective	s actions as needed, by date.		-	

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-3D			
	2/13/23	-		
1 Location	on/Identification	Yes	No	n/a
a <u>Location</u>	Is the well visible and accessible?	/		
b				
C	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require			
C	protection from traffic?		/	
d	Is the drainage around the well acceptable? (no standing water,	***************************************	<u></u>	
u	nor is well located in obvious drainage flow path)	./		
2 Protectiv	- , ,			-
a <u>rioteetti</u>	Is the protective casing free from apparent damage and able to be			
G	secured?			
ь	Is the casing free of degradation or deterioration?			***************************************
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			***************************************
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface	nad			
a	is the well pad in good condition (not cracked or broken)?	1		
b	•		NS-149 Toronto-structure	
	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	/		
е	Is the pad surface clean (not covered with sediment or debris)?			•
.	is the pad surface dean (not covered with sediment or depris)?			
4 Internal c	asing			
а	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from			-
	foreign objects (such as bailers)?		Description of	
C .	is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	7		
е	Is the depth of the well consistent with the original well log?	V		
f	Is the casing stable? (or does the pvc move easily when touched			;
	or can it be taken apart by hand due to lack of grout or use of slip			
.	couplings in construction)	<u> </u>		
	: Groundwater Wells Only:			A
a	Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			
b	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?		-	<u> </u>
o based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Correction	·	·		•
i Corrective	e actions as needed, by date:		*	

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell				
mit Number	N/A				
I ID	PZ-35				
9	2/13/23				
A. t e.		Yes	No	n/a	
	n/Identification	_			
a	Is the well visible and accessible?				
b	Is the well properly identified with the correct well ID?				
С	Is the well in a high traffic area and does the well require				
al	protection from traffic?				
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	/			
2 Protecti	ve Casing			4-10 Tables, 1-1-1-1-1-1	
a <u>1 1010011</u>	Is the protective casing free from apparent damage and able to be)			
	secured?		Prince 1981		
b	Is the casing free of degradation or deterioration?				
C	Does the casing have a functioning weep hole?		-		
d	Is the annular space between casings clear of debris and water,				
_	or filled with pea gravel/sand?	1			
е	Is the well locked and is the lock in good condition?				
3 <u>Surface</u>	pad				
а	Is the well pad in good condition (not cracked or broken)?	V			
b	Is the well pad sloped away from the protective casing?				
С	Is the well pad in complete contact with the protective casing?			***************************************	
d	Is the well pad in complete contact with the ground surface and		***************************************	Account the second space	
G	stable? (not undermined by erosion, animal burrows, and does not				
	move when stepped on)				
е	Is the pad surface clean (not covered with sediment or debris)?			**************************************	
	,				
4 <u>Internal c</u>	·	_		7	
a	Does the cap prevent entry of foreign material into the well?			-	
b	Is the casing free of kinks or bends, or any obstructions from				
-	foreign objects (such as bailers)?				
ر ر	Is the well properly vented for equilibration of air pressure?	1	······································		
d	Is the survey point clearly marked on the inner casing?				
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched	1/_			
ı	or can it be taken apart by hand due to lack of grout or use of slip			٠.	
	couplings in construction)	1			
5 Sampling	g: Groundwater Wells Only:	<u></u>	-	-	
a <u>oumpline</u>	Does well recharge adequately when purged?		•		
b	If dedicated sampling equipment installed, is it in good condition				
	and specified in the approved groundwater plan for the facility?				
С	Does the well require redevelopment (low flow, turbid)?				
6 Based on	your professional judgement, is the well construction / location				
	appropriate to 1) achieve the objectives of the Groundwater .				
	Monitoring Program and 2) comply with the applicable regulatory	,			
	requirements?		-		
7 Corrective	e actions as needed, by date: 2/16/23			***************************************	
Ant m	ound killer was placed on ant mound ar	 () .	المر	n = 1	
4111	process of mountain	MUN ,	well	paa	
					-

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-HD	-		
	2/13/23	- -		
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?	/		
b	Is the well properly identified with the correct well ID?	<u></u>		
C	Is the well in a high traffic area and does the well require			
Ü	protection from traffic?		/	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	/		Material Springers
2 Protectiv	re Casing			
а	Is the protective casing free from apparent damage and able to be secured?	. /		•
b	Is the casing free of degradation or deterioration?	1		*************************************
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			-
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface	pad		·	
a		/		
b	is the well pad in good condition (not cracked or broken)?	<u> </u>		
Ь	Is the well pad sloped away from the protective casing?	V		
C	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			A
A Internal o	,			P
4 <u>Internal c</u>		,		:
a L	Does the cap prevent entry of foreign material into the well?			P
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?	/		
С	Is the well properly vented for equilibration of air pressure?			
d ,	Is the survey point clearly marked on the inner casing?	<u> </u>		
e e	Is the depth of the well consistent with the original well log?	-V		
f	Is the casing stable? (or does the pvc move easily when touched	<u>v</u> .	,	
·	or can it be taken apart by hand due to lack of grout or use of slip	,		
	couplings in construction)			
5 Sampling	: <u>Groundwater Wells Only:</u>			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition	,		
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			/
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory requirements?			·.·
7 Corrective	actions as needed, by date:			
	· / · / · · · · · · · · · · · · · · · ·			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	PZ-45			
•	2/13/23			
4.1		Yes	No	n/a
	/Identification	4		
a	Is the well visible and accessible?			
b	is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protectiv	e Casing			
а	Is the protective casing free from apparent damage and able to be secured?			
ь	Is the casing free of degradation or deterioration?	-		
C	Does the casing have a functioning weep hole?			***************************************
d	Is the annular space between casings clear of debris and water,		-	
	or filled with pea gravel/sand?			
e .	Is the well locked and is the lock in good condition?			
2 0	-		700	
3 <u>Surface</u> r	\cdot	4		
а	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
	,			b
4 <u>Internal c</u>	asing			
а	Does the cap prevent entry of foreign material into the well?			
Ь	Is the casing free of kinks or bends, or any obstructions from			-
	foreign objects (such as bailers)?			
C .	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?	/		
f	Is the casing stable? (or does the pvc move easily when touched			;
	or can it be taken apart by hand due to lack of grout or use of slip	,		
	couplings in construction)			
5 Sampling:	Groundwater Wells Only:			
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			V
	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?			
7 Corrective	actions as needed, by date: 2/16/23			,
	us I kills was all and a series	0	11	O
TIVE MO	und killer was placed on ant mound aron	r-d w	ellp	ad

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	_		
ID	PZ-65	-		
)	2-13-23			
1 Location	· ·/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
G	protection from traffic?		صس	
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			A. 100.000
a	Is the protective casing free from apparent damage and able to be secured?			·
b	Is the casing free of degradation or deterioration?			Parameter 1
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	***************************************		***************************************
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			-
3 Surface	<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?	· ·		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
_	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	Comment.		
e	is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	osing .	A	<u> </u>	
a	Does the cap prevent entry of foreign material into the well?		•	•
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	is the well properly vented for equilibration of air pressure?	· ·	****	
ď	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?	· ·		
f	Is the casing stable? (or does the pvc move easily when touched			j
	or can it be taken apart by hand due to lack of grout or use of slip	-		
	couplings in construction)			
	: Groundwater Wells Only: Does well recharge adequately when purged?		*	
a b	If dedicated sampling equipment installed, is it in good condition			
D	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			<u> </u>
6 Based on	your professional judgement, is the well construction / location	,		
	appropriate to 1) achieve the objectives of the Groundwater.			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Corrective	actions as needed, by date:			
. 5511551146	. s.c.t		•	

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	PZ-70	-		
!	2-13-23	- -		
4.1		Yes	No	n/a
	/Identification			
a	Is the well visible and accessible?	2		
b	Is the well properly identified with the correct well ID?		***************************************	
С	Is the well in a high traffic area and does the well require		-	,
- I	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protective				
а	Is the protective casing free from apparent damage and able to be secured?			
Ь	Is the casing free of degradation or deterioration?			~~~
	Does the casing have a functioning weep hole?			
c d	Is the annular space between casings clear of debris and water,			
u	or filled with pea gravel/sand?			
e ·	Is the well locked and is the lock in good condition?			
3 <u>Surface p</u>	<u>ad</u>			
а	is the well pad in good condition (not cracked or broken)?	·		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?		······································	
				Brown, When American
4 Internal ca				
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from	_		
_	foreign objects (such as bailers)?			
C .	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			i
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
5 O	· · · · · · · · · · · · · · · · · · ·			Park and the same of the same
	Groundwater Wells Only:	And a	÷	*
a	Does well recharge adequately when purged?	1000		-
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?	/		
С	Does the well require redevelopment (low flow, turbid)?	<u>~</u> .		
	•	011		
	your professional judgement, is the well construction / location	.		
	appropriate to 1) achieve the objectives of the Groundwater		1	
	Monitoring Program and 2) comply with the applicable regulatory	/		
	requirements?	<u>.</u>		
7 Commontive	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-75	-		
	2-13-23	-		
		Yes	No	n/a
1 <u>Location</u>	n/Identification			
а	Is the well visible and accessible?	_		
b	Is the well properly identified with the correct well ID?			F-740
С	Is the well in a high traffic area and does the well require			-
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			***************************************
	nor is well located in obvious drainage flow path)			
2 Protectiv	re Casing			
a	Is the protective casing free from apparent damage and able to be			-
	secured?	4		
b	Is the casing free of degradation or deterioration?		-	
С	Does the casing have a functioning weep hole?	<u> </u>		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	-		
3 Surface	nad			***************************************
a	· ·	_		
h	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	س		
С	Is the well pad in complete contact with the protective casing?	u		
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	asing			
a	Does the cap prevent entry of foreign material into the well?			2
b	Is the casing free of kinks or bends, or any obstructions from			
D	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			-
d .	Is the survey point clearly marked on the inner casing?			
9	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
•	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling	Groundwater Wells Only:			
а <u>одинрина</u>	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition	***************************************		
	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
5 Dased Off	appropriate to 1) achieve the objectives of the Groundwater			••
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	./	•	
7.0 "	- ·	<u>~</u> .		
/ Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

lame	Plant Mitchell			
it Number	N/A	-		
D	PZ-80	_		
	7-13-23	-		
4.1	II de a Mille a Li a a	Yes	No	n/a
	/Identification			
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,	~		
ű	nor is well located in obvious drainage flow path)			
2 Protectiv				
a a	Is the protective casing free from apparent damage and able to be			•
_	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	_		
е	Is the well locked and is the lock in good condition?	س		
3 Surface	oad .			
а	is the well pad in good condition (not cracked or broken)?			
b	· · · · · · · · · · · · · · · · · · ·			
0	Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing?			
c d	Is the well pad in complete contact with the ground surface and		···	
u	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	/		
е	Is the pad surface clean (not covered with sediment or debris)?			
•	•			-
4 <u>Internal c</u>				
a	Does the cap prevent entry of foreign material into the well?		····	
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			
С	· · · · · · · · · · · · · · · · · · ·	<u> </u>		
d .	Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing?			······································
e	Is the depth of the well consistent with the original well log?	<u> </u>		
f	Is the casing stable? (or does the pvc move easily when touched	1		
•	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 <u>Sampling</u>	: Groundwater Wells Only:	***************************************		
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?			~
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	,		
	requirements?			·
-	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-85	-		
•	2-13-23	-		
4.1		Yes	No	n/a
	/Identification			
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
.1	protection from traffic?		<u> </u>	
d	Is the drainage around the well acceptable? (no standing water,	_	_	
	nor is well located in obvious drainage flow path)			
2 Protectiv				
а	Is the protective casing free from apparent damage and able to be			
	secured?			
b	Is the casing free of degradation or deterioration?	Carried Marie		N. C.
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	_		
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
a	•			
b	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			-
4 Internal c	asing			
a	Does the cap prevent entry of foreign material into the well?	_		
b	Is the casing free of kinks or bends, or any obstructions from			
S	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?	<u> </u>		
f	Is the casing stable? (or does the pvc move easily when touched			
•	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	-	•	
5 Sampling	Groundwater Wells Only:			Marine de la compansión de
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?	***************************************		
6 Based on	your professional judgement, is the well construction / location			
o based on	appropriate to 1) achieve the objectives of the Groundwater .			••
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7.0	·	<u>v</u> .		
/ Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A			
ID	PZ-90			
	2-13-23	-	_	
1 Location	Identification	Yes	No	n/a
a	Is the well visible and accessible?	_		
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
C	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)		•	
2 Protecti				-
a <u>2 100000</u>	Is the protective casing free from apparent damage and able to be	1		•
G	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			P
2 Curfoso	•			
3 <u>Surface</u>	•			
a	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			*
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	_		
e _.	Is the pad surface clean (not covered with sediment or debris)?		- 	
4 Internal	pasing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
D	foreign objects (such as bailers)?	/		
С	Is the well properly vented for equilibration of air pressure?			
d .	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
•	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Samolino	g: Groundwater Wells Only:			
а	Does well recharge adequately when purged?			. /
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?	*		
6 Based or	your professional judgement, is the well construction / location			
-:- = = = = = = = = = = = = = = = = = =	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	./		
7 Corroctive	e actions as needed, by date:			A
i Correctiv	e actions as needed, by date,			

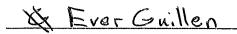
Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	PZ-9s	_		
	7-13-23			
4.4		Yes	No	n/a
	n/Identification			
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	<u> </u>		
С	Is the well in a high traffic area and does the well require		,	
d	protection from traffic? Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)	V		
2 Protective	/e Casing			
a	Is the protective casing free from apparent damage and able to be secured?	·		
Ь	Is the casing free of degradation or deterioration?			***************************************
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	٠		
3 Surface	nad			
a <u>ourrace</u>	•			
	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?	-		
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	- Carrier	-	
e _.	Is the pad surface clean (not covered with sediment or debris)?	-		
4 Internal c	easing			
<u></u> а	Does the cap prevent entry of foreign material into the well?	1		•
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	Career Control		
С	Is the well properly vented for equilibration of air pressure?			
ď	Is the survey point clearly marked on the inner casing?	<i>i</i>		
е	Is the depth of the well consistent with the original well log?	-		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 <u>Sampling</u>	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory requirements?		·	.•
7.0 "	· · · · · · · · · · · · · · · · · · ·	<u>v</u> .		
/ Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-10s	-		
!	2-13-23	<u>.</u>		
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	<u> </u>	-	
C	Is the well in a high traffic area and does the well require			
Ü	protection from traffic?		سسي	
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)			
2 Protectiv	re Casing			
a	Is the protective casing free from apparent damage and able to be			
	secured?	-		
b	Is the casing free of degradation or deterioration?			M. T.
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,		-	
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 <u>Surface</u> (<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?	سب		
Ь	Is the well pad sloped away from the protective casing?	·/		
С	Is the well pad in complete contact with the protective casing?			-
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	_		
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	asing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from		·	
	foreign objects (such as bailers)?	_		
С	Is the well properly vented for equilibration of air pressure?	<u></u>		
ď	Is the survey point clearly marked on the inner casing?	V		*
е	Is the depth of the well consistent with the original well log?	C		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	<u>i</u>		-
***************************************	: Groundwater Wells Only:			
a b	Does well recharge adequately when purged?		-	
b	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?			<u></u>
o based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	<u> </u>		
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection



Name nit Number	Plant Mitchell N/A	-		
I ID				
כוו ו	PZ-125 z-13-23			
7	7-13-63	- V	A1 -	
1 Locatio	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?		/	
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
J	protection from traffic?		-	
d	Is the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)	2		
O Deede et	- ,			
	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?	<u> </u>		***************************************
C	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
G	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
	-			
3 <u>Surface</u>	<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?	سس		
b	Is the well pad sloped away from the protective casing?		·····	
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
ŭ	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
•	, , , , , , , , , , , , , , , , , , ,			
4 <u>Internal</u>				
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	is the well properly vented for equilibration of air pressure?		-	
ď	Is the survey point clearly marked on the inner casing?	<u> </u>		
e	Is the depth of the well consistent with the original well log?	<u> </u>		
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)			
F.O. 11	· · ·			
	g: Groundwater Wells Only:			<u></u> .
a	Does well recharge adequately when purged?		***************************************	
b	If dedicated sampling equipment installed, is it in good condition			
С	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			_/_
	· · · · · · · · · · · · · · · · · · ·			
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	/	•	
	requirements?	<u> </u>		
7 Correctiv	e actions as needed, by date:			

Name	Plant Mitcheil			
nit Number	N/A	•		
ID	PZ-135			
	2-13-23			
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
Ü	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			-
2 Protectiv	e Casing			
a a	Is the protective casing free from apparent damage and able to be secured?			•
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?	-		
d	Is the annular space between casings clear of debris and water,		***************************************	
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 Surface p	pad			
а	is the well pad in good condition (not cracked or broken)?	1		
b	· · · · · · · · · · · · · · · · · · ·			
	Is the well pad sloped away from the protective casing?			Emerge (etc.)
c d	Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and	<u>C</u>	-	-
u	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	٠		
е	Is the pad surface clean (not covered with sediment or debris)?			
	· •			
4 <u>Internal c</u>			-	
a ,	Does the cap prevent entry of foreign material into the well?			-
b	Is the casing free of kinks or bends, or any obstructions from	e		
	foreign objects (such as bailers)?			-
c .	Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing?			
d e	Is the depth of the well consistent with the original well log?	<u> </u>		
f	Is the casing stable? (or does the pvc move easily when touched			
•	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	1		
5 Samoling	Groundwater Wells Only:			
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition		-	
	and specified in the approved groundwater plan for the facility?		-	<u> </u>
C	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater. Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
7 Corrective	e actions as needed, by date:			
, corrective	actions as needed, by date.			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-14	-		
	2-13-23	_		
		Yes	No	n/a
1 Location	n/Identification			
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,	_		
	nor is well located in obvious drainage flow path)			
2 Protectiv				
а	Is the protective casing free from apparent damage and able to be			
	secured?	1		
b	Is the casing free of degradation or deterioration?	-		
С	Does the casing have a functioning weep hole?	-		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	4		
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
a	•	,		
h	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	<u> </u>		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			hann a garage
4 Internal c	easing			
a	Does the cap prevent entry of foreign material into the well?	سرن		,
b	Is the casing free of kinks or bends, or any obstructions from			F
~	foreign objects (such as bailers)?			
С	is the well properly vented for equilibration of air pressure?	<u> </u>		
ď	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?	<u> </u>		
f	Is the casing stable? (or does the pvc move easily when touched			;
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling	: Groundwater Wells Only:		-	
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?	√		
С	Does the well require redevelopment (low flow, turbid)?	X		
6 Based on	your professional judgement, is the well construction / location	H		
	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Corrective	e actions as needed, by date:			
1 00116011116	detions as needed, by date.			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	PZ-15	_		
	2-13-23			•
4.1		Yes	No	n/a
	/Identification	_	,	
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
ما	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	<u></u>		
2 Protectiv	e Casing			
а	Is the protective casing free from apparent damage and able to be secured?		-	
b	Is the casing free of degradation or deterioration?			***************************************
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	***************************************		
	or filled with pea gravel/sand?	-	150	
е	Is the well locked and is the lock in good condition?			
3 Surface p	nad			
a <u>ourrace r</u>	•	_	-	
	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?		A	***************************************
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not	_	,	
_	move when stepped on)		-	Number
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	asing			
а	Does the cap prevent entry of foreign material into the well?	S.		
b	Is the casing free of kinks or bends, or any obstructions from	D145E Print Section 1		
	foreign objects (such as bailers)?	سممس		
С	Is the well properly vented for equilibration of air pressure?	سسب		-
ď	Is the survey point clearly marked on the inner casing?		·····	
е	Is the depth of the well consistent with the original well log?	8		
f	Is the casing stable? (or does the pvc move easily when touched		***************************************	-
	or can it be taken apart by hand due to lack of grout or use of slip	_		
	couplings in construction)			Drawer a second
5 <u>Sampling</u>	: Groundwater Wells Only:			
а	Does well recharge adequately when purged?	1		
Ь	If dedicated sampling equipment installed, is it in good condition	4		
	and specified in the approved groundwater plan for the facility?	<u> </u>		
С	Does the well require redevelopment (low flow, turbid)?	_X		
6 Based on	your professional judgement, is the well construction / location	OH		
	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	1	,	
	·			
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Vame	Plant Mitchell			
it Number	N/A	-		
ID	PZ-16	_		
	2-13-26	-		
4 1 11	- // 1 (10 11 11 11 11 11 11 11 11 11 11	Yes	No	n/a
	n/Identification			
a '-	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require protection from traffic?		1_	
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)	1	•	
0 D			-	Parameter 1
2 Protectiv	· · · ·			•
а	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	-		
	or filled with pea gravel/sand?	·		
е	Is the well locked and is the lock in good condition?			
3 Surface	·			
a <u>Surrace</u>	•		_	
	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not	_		
	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			Marina Marina Marina
4 Internal c	pasing			
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	-		
C .	is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	***************************************		
5 <u>Sampling</u>	: Groundwater Wells Only:	•	•	
а	Does well recharge adequately when purged?	V		
b	If dedicated sampling equipment installed, is it in good condition	Þ		
C	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?	V		·
C		- 1/2 ·		
6 Based on	your professional judgement, is the well construction / location	€4.		***
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	_		
	requirements?	<u>/</u>		
7 Corrective	e actions as needed, by date:			
	Treated ants at well pad			

Signature and Seal of PE/PG responsible for inspection

lame	Plant Mitchell			
it Number	N/A	-		
D	PZ-17	- .		
	2-13-23			
1 Location	/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			M
C	Is the well in a high traffic area and does the well require			
O	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
G	nor is well located in obvious drainage flow path)		-	
2 Protectiv	e Casing			
a	Is the protective casing free from apparent damage and able to be			
G	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			-
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	_		
е	Is the well locked and is the lock in good condition?			**************************************
3 <u>Surface r</u>	pad			
a	Is the well pad in good condition (not cracked or broken)?			
ь	•			
	Is the well pad sloped away from the protective casing?			
C	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
0	move when stepped on)		***************************************	
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	asing			
а	Does the cap prevent entry of foreign material into the well?	-		
b	Is the casing free of kinks or bends, or any obstructions from		***************************************	
	foreign objects (such as bailers)?			
C ,	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	-		
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip		-	
	couplings in construction)			
	Groundwater Wells Only:			
a	Does well recharge adequately when purged?	<u> </u>		
b	If dedicated sampling equipment installed, is it in good condition	/		
C	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?	<u> </u>		
		<u>120</u>		······································
6 Based on	your professional judgement, is the well construction / location	ar 1 ·		
	appropriate to 1) achieve the objectives of the Groundwater.			
	Monitoring Program and 2) comply with the applicable regulatory	/		
	requirements?		····	
7 Corrective	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-18	-		
	2-13-23			
1 000/10	n/Idantification	Yes	No	n/a
a <u>Locatio</u>	n/Identification Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
C	Is the well properly identified with the correct well in? Is the well in a high traffic area and does the well require	-		
	protection from traffic?		<i>i</i> _	
d	Is the drainage around the well acceptable? (no standing water,			K
	nor is well located in obvious drainage flow path)	1	_	
2 Protecti	· ,			
a <u>Frotecti</u>	Is the protective casing free from apparent damage and able to be			
a	secured?			
Ь	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	······		
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			***************************************
3 <u>Surface</u>	pad			
a	Is the well pad in good condition (not cracked or broken)?			
b	· · · · · · · · · · · · · · · · · · ·			W-1
	Is the well pad sloped away from the protective casing?			-
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	_		
е	Is the pad surface clean (not covered with sediment or debris)?			-
•	•			
4 Internal		_		4
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from	/		
_	foreign objects (such as bailers)?			
ч С	is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?			
e f	Is the casing stable? (or does the pvc move easily when touched			
,	or can it be taken apart by hand due to lack of grout or use of slip			,
	couplings in construction)			
5 Sampling	: Groundwater Wells Only:			
a <u>oampinis</u>	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?	XX		·
6 Based or	your professional judgement, is the well construction / location	DH		
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory	_		
	requirements?	<u> </u>		
7 Corrective	e actions as needed, by date:			
	Treated ants at well pad			

Signature and Seal of PE/PG responsible for inspection

Vame	Plant Mitchell			
it Number	N/A			
ID	PZ-19	_		
	2/13/23	_		
1 Locatio	n/Identification	Yes	No	n/a
a <u>Locatio</u>	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	<u></u>		
C	Is the well in a high traffic area and does the well require			
C	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
ď	nor is well located in obvious drainage flow path)			
2 Protecti	- · · · ·			
a <u>11010011</u>	Is the protective casing free from apparent damage and able to be			
ü	secured?	/		
b	Is the casing free of degradation or deterioration?			-
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			-
	or filled with pea gravel/sand?	\mathcal{L}		
е	Is the well locked and is the lock in good condition?			
3 <u>Surface</u>	nad			
a	Is the well pad in good condition (not cracked or broken)?			
b	,			
	Is the well pad sloped away from the protective casing?			
C	Is the well pad in complete contact with the protective casing?			7
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			-
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal	casing			
а	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from	*	***************************************	·
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?		***************************************	
ď	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched	E		
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	-		
5 <u>Sampling</u>	g: Groundwater Wells Only:	,		-
а	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			***************************************
	and specified in the approved groundwater plan for the facility?		***************************************	
С	Does the well require redevelopment (low flow, turbid)?		<u> </u>	
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Correctiv	e actions as needed, by date: 2/16/23			
Ant mo	und killer was placed on ant mound ar) میرم-	1001	10.0
				124

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A			
ID	PZ-20			
	2/13/23			
		Yes	No	n/a
1 <u>Locatio</u>	n/Identification	_		
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?		<u> </u>	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	1		
2 Protecti	ve Casina			
a a	Is the protective casing free from apparent damage and able to be secured?			
b				
C	Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole?	<u>~</u>		-
d	Is the annular space between casings clear of debris and water,			
Ci .	or filled with pea gravel/sand?	./		
е	Is the well locked and is the lock in good condition?			
	-	-V -	-	
3 <u>Surface</u>	<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?	./		
b	Is the well pad sloped away from the protective casing?		-	
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
u ,	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	/		
е	Is the pad surface clean (not covered with sediment or debris)?		-	
	·			
4 <u>Internal c</u>				,
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from	,		
	foreign objects (such as bailers)?			
C .	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			************
ı	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	1		
5 Compline	, ,			
a <u>Samplin</u> e	g: Groundwater Wells Only: Does well recharge adequately when purged?		•	,
a b	If dedicated sampling equipment installed, is it in good condition	Providence and		
>	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			-
	your professional judgement, is the well construction / location	***************************************		
o based of	appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory	,		.•
	requirements?			
7 Corrective	e actions as needed, by date:			
,	, ,			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-21	_		
	2/13/23			
1 Locatio	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?	<u> </u>		
C	Is the well in a high traffic area and does the well require			
-	protection from traffic?			
d	ls the drainage around the well acceptable? (no standing water,			
	nor is well located in obvious drainage flow path)	/		
2 Protecti	ve Casing			***
a	Is the protective casing free from apparent damage and able to be			·
	secured?	/		
b	Is the casing free of degradation or deterioration?			***************************************
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	_/		
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
а	Is the well pad in good condition (not cracked or broken)?			
b	·			
С	Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the protective casing?			
u	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?		-	-
•	•			Fredrick State Communication
4 <u>Internal c</u>				:
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
c .	Is the well properly vented for equilibration of air pressure?			
ď	Is the survey point clearly marked on the inner casing?			
e f	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
1	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 Sampling	a: Groundwater Wells Only:			***************************************
a <u>oampiini</u>	Does well recharge adequately when purged?			1
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?		***************************************	
6 Based or	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?	/		
7 Corrective	e actions as needed, by date:	- 		t
, 001160114	c actions as needed, by date.			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
mit Number	N/A			
II ID	PZ-22	-		
е	2/13/23			
d I 11	. // . / // C //	Yes	No	n/a
	n/Identification			
a '	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require	/		
لم	protection from traffic?		···	-
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)		·	
2 Protectiv	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?	/		
ь	Is the casing free of degradation or deterioration?			***************************************
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			-
	or filled with pea gravel/sand?	/		
е	Is the well locked and is the lock in good condition?			
3 Surface	nad			
a	•			
	Is the well pad in good condition (not cracked or broken)?	<u> </u>		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
_	move when stepped on)	<u></u>		
e _.	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	asing			
а	Does the cap prevent entry of foreign material into the well?			,
b	Is the casing free of kinks or bends, or any obstructions from		**************************************	
	foreign objects (such as bailers)?	1/		
С	is the well properly vented for equilibration of air pressure?			
d .	Is the survey point clearly marked on the inner casing?	-		-
е	Is the depth of the well consistent with the original well log?	7		
f	Is the casing stable? (or does the pvc move easily when touched			;
	or can it be taken apart by hand due to lack of grout or use of slip	_		
	couplings in construction)			
5 <u>Sampling</u>	: Groundwater Wells Only:		-	<i>p</i> .
a	Does well recharge adequately when purged?	-		V
b	If dedicated sampling equipment installed, is it in good condition			
43	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory requirements?	/		
	e actions as needed, by date: 2/16/23 ound Killer was placed on ant mound arou	nd r	vell	pad

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
it Number	N/A			
ID	PZ-23A			
	2/13/23	_		
4.1 (*)		Yes	No	n/a
	n/Identification	0		
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			***************************************
С	Is the well in a high traffic area and does the well require		,	
al	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casina			
а	Is the protective casing free from apparent damage and able to be secured?			•
b	Is the casing free of degradation or deterioration?	-		
c	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,		·····	
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
2 Curfoon				
3 <u>Surface</u>	•	_		
а	Is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?	/		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal of	· ·	E		
a a				,
b	Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from			
D	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d .	Is the survey point clearly marked on the inner casing?			
	Is the depth of the well consistent with the original well log?			
e f	Is the casing stable? (or does the pvc move easily when touched			
ı	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	/		
5 Sampling	g: Groundwater Wells Only:			
a <u>Sampline</u>	Does well recharge adequately when purged?	/	,	
b	If dedicated sampling equipment installed, is it in good condition	_ <u>V</u>		
	and specified in the approved groundwater plan for the facility?	./		
С	Does the well require redevelopment (low flow, turbid)?		/	
6 Based on	your professional judgement, is the well construction / location			
- Dagga 01	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Corroctive	·			
- i Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A			
ID	PZ-Z4A			
	2-13-23			
1		Yes	No	n/a
	n/Identification		•	
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
d	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protectiv	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?			·
b	Is the casing free of degradation or deterioration?			***************************************
c	Does the casing have a functioning weep hole?			
ď	Is the annular space between casings clear of debris and water,		***************************************	***************************************
	or filled with pea gravel/sand?	-		
е	Is the well locked and is the lock in good condition?			-
	-			· · · · · · · · · · · · · · · · · · ·
3 <u>Surface</u>	•			
а	is the well pad in good condition (not cracked or broken)?			-
b	Is the well pad sloped away from the protective casing?	Name of the last o		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)	Carrent	•	
е	Is the pad surface clean (not covered with sediment or debris)?			-
A Joséano al c				Windows Marris Assessed
4 <u>Internal c</u>		_		
a	Does the cap prevent entry of foreign material into the well?			-
b	Is the casing free of kinks or bends, or any obstructions from			
0	foreign objects (such as bailers)?			
C .	is the well properly vented for equilibration of air pressure?		trind him to the same of	
d	Is the survey point clearly marked on the inner casing?	-		
e	Is the depth of the well consistent with the original well log?	-		
f	Is the casing stable? (or does the pvc move easily when touched			:
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)	-		
5 0 "	,			
	g: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			/
45	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			
С	,			
6 Based or	your professional judgement, is the well construction / location			. •
	appropriate to 1) achieve the objectives of the Groundwater .			
	Monitoring Program and 2) comply with the applicable regulatory	/		
	requirements?	<u> </u>		
7 Corrective	e actions as needed, by date:			
	·			

Signature and Seal of PE/PG responsible for inspection

Ever Guillen

N/A				
17/7				
PZ-25				
2/13/23				
	Yes	No	n/a	
	1			
			-	
	/			
·				
nor is well located in obvious drainage flow path)	<u>/</u>			
Casing				
Is the protective casing free from apparent damage and able to be				
	<u></u>		-	
	~			
	<u> </u>		-	
-				
<u>ad</u>				
is the well pad in good condition (not cracked or broken)?				
Is the well had sloped away from the protective casing?			P	
	-			
				
• • • • • • • • • • • • • • • • • • • •	-			
the pad duriable dicar (not covered with sediment of depris):			-	
sing	_			
Does the cap prevent entry of foreign material into the well?				
Is the casing free of kinks or bends, or any obstructions from			***************************************	
	V.			
Is the well properly vented for equilibration of air pressure?				
Is the casing stable? (or does the pvc move easily when touched				
couplings in construction)				
Groundwater Wells Only:				
our professional judgement is the well construction / location				
	_			
	<u> </u>			
actions as needed, by date: 2/16/23 and killer was placed on ant mound		Λ	. , (Ô
				1/
	Identification Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? ad Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? sing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the survey point clearly marked on the inner casing? Is the survey point clearly marked on the inner casing? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? Four professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater wonitoring Program and 2) comply with the applicable regulatory requirements?	Identification Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the delin a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Sing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the elepth of the well consistent with the original well log? Is the depth of the well consistent with the original well iog? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? Four professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?	Identification Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well pad in good condition (not cracked or broken)? Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Sing Does the cap prevent entry of foreign material into the well? Is the well properly vented for equilibration of air pressure? Is the well properly vented for equilibration of air pressure? Is the easing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the easing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? our professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater	Identification Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) **Casing** Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well pad in good condition (not cracked or broken)? Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Is the eap gravent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the well properly vented for equilibration of air pressure? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) **Groundwater Wells Only:** Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does well require redevelopment (low flow, turbid)? **Our professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements? **actions as needed, by date: 2/16/2.3*

Signature and Seal of PE/PG responsible for inspection

Name	Plant Mitchell			
nit Number	N/A	•		
ID	PZ-27			
	2-13-23			
1 Location	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?			
b	Is the well visible and accessible? Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
C	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)	س		
2 Protectiv	- · · · · · · · · · · · · · · · · · · ·	·····		-
a <u>11010011</u>	Is the protective casing free from apparent damage and able to be			•
G	secured?			
ь	Is the casing free of degradation or deterioration?			N
С	Does the casing have a functioning weep hole?	-		
d	Is the annular space between casings clear of debris and water,			······································
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?	ستسسن		
3 <u>Surface</u> ;	nad			
a	•	· ····································	•	
b	Is the well pad in good condition (not cracked or broken)?			
	Is the well pad sloped away from the protective casing?		No.	***************************************
C	Is the well pad in complete contact with the protective casing?	-		
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е.	Is the pad surface clean (not covered with sediment or debris)?		···	Title 1000 page
4 <u>Internal c</u>	<u>asing</u>			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	<u>ر</u>		
С	is the well properly vented for equilibration of air pressure?			***************************************
ď	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			Feeting
5 Sampling	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition		-	_
_	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?	 .		
6 Based on	your professional judgement, is the well construction / location			. •
	appropriate to 1) achieve the objectives of the Groundwater			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7 Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Ever Guillen

ite Name	Plant Mitchell				
ermit Number	N/A	-			
/ell ID	PZ-28	-			
ate	2-13-23	.			
1.1.000tion	Videntification	Yes	No	n/a	
	n/Identification Is the well visible and accessible?				
a b					
C	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require	-			
C	protection from traffic?				
d	Is the drainage around the well acceptable? (no standing water,				
_	nor is well located in obvious drainage flow path)	e			
2 Protoctiv					
2 <u>Protectiv</u> a	Is the protective casing free from apparent damage and able to be				
a	secured?	,	-		
b	Is the casing free of degradation or deterioration?			***************************************	
C	Does the casing have a functioning weep hole?				
d	Is the annular space between casings clear of debris and water,				
	or filled with pea gravel/sand?	2			
е	Is the well locked and is the lock in good condition?	-			
3 Surface r	nad			***************************************	
a	· · · · · · · · · · · · · · · · · · ·				
b	is the well pad in good condition (not cracked or broken)?	2			
b	Is the well pad sloped away from the protective casing?	فسسن			
С	Is the well pad in complete contact with the protective casing?	-			
d	Is the well pad in complete contact with the ground surface and				
	stable? (not undermined by erosion, animal burrows, and does not				
9	move when stepped on)				
e _.	Is the pad surface clean (not covered with sediment or debris)?	e-		-	
4 <u>Internal c</u>	<u>asing</u>			,	
а	Does the cap prevent entry of foreign material into the well?	2			
b	Is the casing free of kinks or bends, or any obstructions from	-			
	foreign objects (such as bailers)?	سين			
C	Is the well properly vented for equilibration of air pressure?				
d	Is the survey point clearly marked on the inner casing?				
e •	Is the depth of the well consistent with the original well log?				
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip				,
	couplings in construction)				
5 Sampling	· · ·		·····	F	
a <u>Sampling</u>	: Groundwater Wells Only: Does well recharge adequately when purged?		•		
b	If dedicated sampling equipment installed, is it in good condition				
	and specified in the approved groundwater plan for the facility?			V	
С	Does the well require redevelopment (low flow, turbid)?				
6 Based on	your professional judgement, is the well construction / location				
- 20000 011	appropriate to 1) achieve the objectives of the Groundwater .				
	Monitoring Program and 2) comply with the applicable regulatory	,			
	requirements?		•		
7 Corrective	e actions as needed, by date:	· · · · · · · · · · · · · · · · · · ·			
. 50,100,170	. Lieute. Le rioddod, of ddioi		•		•

Signature and Seal of PE/PG responsible for inspection

EverGuillen

Name	Plant Mitchell			
nit Number	N/A			
ID	<u>PZ-Z9</u>	- -		
	2-13-23	_		
1 0 0 0 1 1 0 0	Udantification	Yes	No	n/a
	/Identification		_	
a	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require			
С	protection from traffic?		,	
d	Is the drainage around the well acceptable? (no standing water,			
u	nor is well located in obvious drainage flow path)	<i>r</i>		
O Danta eti	- · · · /		-	***************************************
2 Protectiv	Is the protective casing free from apparent damage and able to be			
a	secured?			
b	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 <u>Surface </u>	<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?	-		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			F
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
e ·	Is the pad surface clean (not covered with sediment or debris)?	-		
4 Internal c	ocina			
a a	Does the cap prevent entry of foreign material into the well?	,	_	
b	Is the casing free of kinks or bends, or any obstructions from		<u> </u>	
U	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
ď	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched			
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 <u>Sampling</u>	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?		Married 1997	
b	If dedicated sampling equipment installed, is it in good condition			
0	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?			~
C				-1/
o Based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory	_		,.
	requirements?			
7 Corroctive	actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

Permit Number Well 1D Date 1 Location/Identification a Is the well visible and accessible? b Is the well visible and accessible? c Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protend surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pve move easily when buched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sambling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well recharge adequately with the opticable regulatory	No n/a				e Name
1 Location/Identification 2 Is the well visible and accessible?	No n/a		_	N/A	rmit Number
1 Location/Identification a Is the well visible and accessible? b Is the well properly identified with the correct well ID? c Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the protective casing? d Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? C Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvo move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified i	No n/a		-	PZ-31	ell ID
1	No n/a		-	2/13/23	te
a Is the well visible and accessible? b is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well pad in good condition (not cracked or broken)? b Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only; a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well recharge adequately when purged? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater .		No	Yes		
b Is the well properly identified with the correct well ID? c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Samplina: Groundwater Wells Only; a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater.					
c Is the well in a high traffic area and does the well require protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater.	·				
protection from traffic? d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f is the casing stable? (or does the pve move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater.					b
d Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater.	_	ĺ			С
nor is well located in obvious drainage flow path) 2 Protective Casing a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)?	<u> </u>			•	_
a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				- ,	d
a Is the protective casing free from apparent damage and able to be secured? b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				iive Casing	2 Protective
b Is the casing free of degradation or deterioration? c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as ballers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If declicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater	•			Is the protective casing free from apparent damage and able to be	
c Does the casing have a functioning weep hole? d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)?	******		<u> </u>		b
d Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			/		
or filled with pea gravel/sand? e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad in complete contact with the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				The state of the s	
e Is the well locked and is the lock in good condition? 3 Surface pad a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater					G.
a Is the well pad in good condition (not cracked or broken)? b Is the well pad sloped away from the protective casing? c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				, -	e .
Is the well pad in good condition (not cracked or broken)? S the well pad sloped away from the protective casing? S the well pad in complete contact with the protective casing? S the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? S the pad surface clean (not covered with sediment or debris)? Internal casing Does the cap prevent entry of foreign material into the well? S the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? S the well properly vented for equilibration of air pressure? S the depth of the well consistent with the original well log? S the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) S S ampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? C Does the well require redevelopment (low flow, turbid)? C Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater S the string of the Groundwater S the well construction / location appropriate to 1) achieve the objectives of the Groundwater S the well construction / location S				•	
Is the well pad in good condition (not cracked of proken)? Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Internal casing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the well properly vented for equilibration of air pressure? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Sampling: Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?				<u>e pad</u>	3 <u>Surface p</u>
c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				is the well pad in good condition (not cracked or broken)?	а
c Is the well pad in complete contact with the protective casing? d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? C Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				Is the well had sloped away from the protective casing?	b
d Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			\	· · · · · · · · · · · · · · · · · · ·	C
stable? (not undermined by erosion, animal burrows, and does not move when stepped on) e			<u> </u>	· · · · · · · · · · · · · · · · · · ·	
move when stepped on) e				· · · · · · · · · · · · · · · · · · ·	u
e Is the pad surface clean (not covered with sediment or debris)? 4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater					
4 Internal casing a Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater					e
Does the cap prevent entry of foreign material into the well? b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				is the pad surface deart (not covered with sediment or depris):	.
b Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? c Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				casing	4 Internal ca
foreign objects (such as bailers)? C Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				Does the cap prevent entry of foreign material into the well?	а
foreign objects (such as bailers)? C Is the well properly vented for equilibration of air pressure? d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				Is the casing free of kinks or bends, or any obstructions from	b
d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater					
d Is the survey point clearly marked on the inner casing? e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater	***************************************			is the well properly vented for equilibration of air pressure?	С
e Is the depth of the well consistent with the original well log? f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater					d .
f Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			<u> </u>		е
couplings in construction) 5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater	;		<u> </u>	Is the casing stable? (or does the pvc move easily when touched	f
5 Sampling: Groundwater Wells Only: a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				or can it be taken apart by hand due to lack of grout or use of slip	
a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				couplings in construction)	
a Does well recharge adequately when purged? b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater				a: Groundwater Wells Only:	5 Samolina:
b If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			/		
and specified in the approved groundwater plan for the facility? c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			<u> </u>		
c Does the well require redevelopment (low flow, turbid)? 6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			1	, - , ,	
6 Based on your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater	<i></i>		 ,		
appropriate to 1) achieve the objectives of the Groundwater					
mornioning i rogisini and 2) compry with the applicable regulatory					
requirements?	•		/		
· ·				· · · · · · · · · · · · · · · · · · ·	
7 Corrective actions as needed, by date:				ve actions as needed, by date:	/ Corrective

Signature and Seal of PE/PG responsible for inspection

Daviel Howard

te Name	Plant Mitchell				
ermit Number	N/A	-			
ell ID	PZ-32				
ate	2/13/23	-			
1	(I de patificanties	Yes	No	n/a	
	/Identification	_			
a	Is the well visible and accessible?	1			
b	Is the well properly identified with the correct well ID?				
С	Is the well in a high traffic area and does the well require protection from traffic?		/		
٨	Is the drainage around the well acceptable? (no standing water,				
d	nor is well located in obvious drainage flow path)	/			
2 Protectiv	e Casing			<u> </u>	
a <u>1100007</u>	Is the protective casing free from apparent damage and able to be			*	
<u> </u>	secured?				
b	Is the casing free of degradation or deterioration?			***************************************	
С	Does the casing have a functioning weep hole?				
d	Is the annular space between casings clear of debris and water,				
	or filled with pea gravel/sand?				
е	Is the well locked and is the lock in good condition?				
3 Surface p	nad				
a	·				
	is the well pad in good condition (not cracked or broken)?				
b	Is the well pad sloped away from the protective casing?				
С	Is the well pad in complete contact with the protective casing?			***************************************	
d	Is the well pad in complete contact with the ground surface and			***************************************	
	stable? (not undermined by erosion, animal burrows, and does not	1			
	move when stepped on)	1	**************************************		
e _.	Is the pad surface clean (not covered with sediment or debris)?	<u>/</u>	-		
4 Internal ca	asing				
a	Does the cap prevent entry of foreign material into the well?	./		•	
b	Is the casing free of kinks or bends, or any obstructions from				
Ũ	foreign objects (such as bailers)?				
С	Is the well properly vented for equilibration of air pressure?				
d .	Is the survey point clearly marked on the inner casing?				
e	Is the depth of the well consistent with the original well log?				
f	Is the casing stable? (or does the pvc move easily when touched				
	or can it be taken apart by hand due to lack of grout or use of slip	,			
	couplings in construction)				
5 Sampling:	Groundwater Wells Only:				
a	Does well recharge adequately when purged?				
b	If dedicated sampling equipment installed, is it in good condition				
	and specified in the approved groundwater plan for the facility?	1			
С	Does the well require redevelopment (low flow, turbid)?		1		
6 Based on	your professional judgement, is the well construction / location				
	appropriate to 1) achieve the objectives of the Groundwater .				
	Monitoring Program and 2) comply with the applicable regulatory	/			
	requirements?		•		
7 Corrective	actions as needed, by date:				
2 31. 23110			•		
ature and Seal o	of PE/PG responsible for inspection				

Signa

Name	Plant Mitchell			
mit Number	N/A	-		
IID	PZ-33	-		
e	2-13-23	-		
1 Location	/Identification	Yes	No	n/a
a <u>Location</u>	Is the well visible and accessible?	_		
b				
	Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require			
С	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	~		
2 Protective	e Casing			***************************************
a	Is the protective casing free from apparent damage and able to be secured?		•	
ь	Is the casing free of degradation or deterioration?			
c	Does the casing have a functioning weep hole?		×	
d	Is the annular space between casings clear of debris and water,	-		
	or filled with pea gravel/sand?			
e ·	Is the well locked and is the lock in good condition?			
3 <u>Surface p</u>	•			
а	is the well pad in good condition (not cracked or broken)?			
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			Parameter Spiriture and Spiriture
е	Is the pad surface clean (not covered with sediment or debris)?			
•	· · ·			
4 <u>Internal ca</u>		_		
a	Does the cap prevent entry of foreign material into the well?		****	-
b	Is the casing free of kinks or bends, or any obstructions from	_		
_	foreign objects (such as bailers)?			
C ,	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e f	Is the depth of the well consistent with the original well log?			
	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			i
	couplings in construction)			
E Character as	· · · · · · · · · · · · · · · · · · ·		***	
	Groundwater Wells Only:	1		
a b	Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition			<u> XX</u>
b	and specified in the approved groundwater plan for the facility?	/		_ nH
С	Does the well require redevelopment (low flow, turbid)?			<u> </u>
			~	<u> </u>
	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory requirements?	/	-	
7 Corrective	actions as needed, by date:			I
	TREATED ANTS AT WELL PAD		•	

Signature and Seal of PE/PG responsible for inspection

Ever Guillen

Name	Plant Mitchell			
nit Number	N/A	•		
ID	PZ-42			
)	2/13/23			
W e 1 <u>Locatio</u>	11 is underwater at river!	Yes	No	n/a
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
	protection from traffic?		-	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	-		
2 Protectiv	ve Casing			
а	Is the protective casing free from apparent damage and able to be secured?			
Ь	Is the casing free of degradation or deterioration?			**
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,		*******	
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			*
3 Surface	pad			
a	Is the well pad in good condition (not cracked or broken)?			
b	· · · · · · · · · · · · · · · · · · ·	***************************************		PATRICIA NA
	Is the well pad sloped away from the protective casing?			
C	Is the well pad in complete contact with the protective casing?		-	
d	Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not			
_	move when stepped on)			
e _.	Is the pad surface clean (not covered with sediment or debris)?			-
4 Internal of	<u>casing</u>			
а	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)?			Branch of course to specif
С	is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
е	Is the depth of the well consistent with the original well log?			***************************************
f	Is the casing stable? (or does the pvc move easily when touched			:
	or can it be taken apart by hand due to lack of grout or use of slip couplings in construction)		******	
5 Sampling	<u>r: Groundwater Wells Only:</u>			
а	Does well recharge adequately when purged?			_
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			
C	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater.			
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			-
7 Corrective	e actions as needed, by date:			_

Signature and Seal of PE/PG responsible for inspection

Daviel Howard

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-46	-		
;	2/13/23	-		
	The state of	Yes	No	n/a
	//Identification	4		
а	Is the well visible and accessible?			P
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require		/	
d	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)			
2 Protectiv	re Casing			
a	Is the protective casing free from apparent damage and able to be			•
	secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			*************
d	Is the annular space between casings clear of debris and water,		**************************************	
	or filled with pea gravel/sand?	_/		
е	Is the well locked and is the lock in good condition?			
3 Surface	pad			
<u>а</u>	is the well pad in good condition (not cracked or broken)?			
b	,			
	Is the well pad sloped away from the protective casing?	_//		
C	Is the well pad in complete contact with the protective casing?			
ď	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)	_		
е	Is the pad surface clean (not covered with sediment or debris)?			
•	,			
4 <u>Internal c</u>		1		÷
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
_	foreign objects (such as bailers)?			***************************************
C	Is the well properly vented for equilibration of air pressure?			
ď	Is the survey point clearly marked on the inner casing?			
e f	Is the depth of the well consistent with the original well log?			
l	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			;
	couplings in construction)			
5 Sampling	Groundwater Wells Only:			
a <u>Sampling</u>	Does well recharge adequately when purged?			_
b	If dedicated sampling equipment installed, is it in good condition			
D	and specified in the approved groundwater plan for the facility?			
С	Does the well require redevelopment (low flow, turbid)?			
6 Based or	your professional judgement, is the well construction / location	·		
5 Daood 011	appropriate to 1) achieve the objectives of the Groundwater .			ra Table 1
	Monitoring Program and 2) comply with the applicable regulatory	,		
	requirements?			
7 Corrective	actions as needed, by date:			
	autionio as needed, by date.			

Signature and Seal of PE/F

PZ-47	·-		
PZ-47			
2/13/23	-		
	Yes	No	n/a
	_		
		-	
,		/	
	_/		
,			
	./		
			
or filled with pea gravel/sand?			
Is the well locked and is the lock in good condition?			-
ad			
•			
,			
	./		
the pad surface clear (not covered with sediment of depris)?			
sing			ŧ
	1		
Is the well properly vented for equilibration of air pressure?			
	V		
	/		
· · · · · · · · · · · · · · · · · · ·			
		•	
and specified in the approved groundwater plan for the facility?			
Does the well require redevelopment (low flow, turbid)?	· · · · · · · · · · · · · · · · · · ·		
our professional judgement. is the well construction / location			
appropriate to 1) achieve the objectives of the Groundwater.			
Monitoring Program and 2) comply with the applicable regulatory	/	•	
requirements?	V		
actions as needed, by date:			
• •			
	Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? Is the well pad in good condition (not cracked or broken)? Is the well pad sloped away from the protective casing? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Sing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the well properly vented for equilibration of air pressure? Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? Tour professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory	Is the well visible and accessible? Is the well properly identified with the correct well ID? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) Casing Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well locked and is the lock in good condition? Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the protective casing? Is the pad surface clean (not covered with sediment or debris)? Is the pad surface clean (not covered with sediment or debris)? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the easing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? Tour professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater. Monitoring Program and 2) comply with the applicable regulatory requirements?	Is the well properly identified with the correct well ID? Is the well properly identified with the correct well require protection from traffic? Is the well in a high traffic area and does the well require protection from traffic? Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path) **Casing** Is the protective casing free from apparent damage and able to be secured? Is the casing free of degradation or deterioration? Does the casing have a functioning weep hole? Is the annular space between casings clear of debris and water, or filled with pea gravel/sand? Is the well pad in good condition (not cracked or broken)? Is the well pad in good condition (not cracked or broken)? Is the well pad in complete contact with the protective casing? Is the well pad in complete contact with the ground surface and stable? (not undermined by erosion, animal burrows, and does not move when stepped on) Is the pad surface clean (not covered with sediment or debris)? Sing Does the cap prevent entry of foreign material into the well? Is the casing free of kinks or bends, or any obstructions from foreign objects (such as bailers)? Is the survey point clearly marked on the inner casing? Is the survey point clearly marked on the inner casing? Is the eaph of the well consistent with the original well log? Is the casing stable? (or does the pove move easily when touched or can it be taken apart by hand due to lack of grout or use of slip couplings in construction) Groundwater Wells Only: Does well recharge adequately when purged? If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)? our professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater Monitoring Program and 2) comply with the applicable regulatory requirements?

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Site Name	Plant Mitchell			
Permit Number	N/A	···		
Well ID Date	77-50	_		
Date	2/13/23	- Yes	No	!
1 Location	/Identification	162	NO	n/a
а	Is the well visible and accessible?			
b	Is the well properly identified with the correct well ID?			
С	Is the well in a high traffic area and does the well require			
d	protection from traffic? Is the drainage around the well acceptable? (no standing water,			
ŭ	nor is well located in obvious drainage flow path)			
2 Protectiv	e Casing			
а	Is the protective casing free from apparent damage and able to be secured?	/		e de
b	Is the casing free of degradation or deterioration?	V		
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,	,		
e	or filled with pea gravel/sand? Is the well locked and is the lock in good condition?	/		***************************************
3 <u>Surface p</u>	•		А	
a	Is the well pad in good condition (not cracked or broken)?			
Ь	Is the well pad sloped away from the protective casing?			-
C	Is the well pad in complete contact with the protective casing?	_/_		
d	Is the well pad in complete contact with the ground surface and			
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?		<u>,</u>	·
4 Internal ca	<i>,</i>			A SECULAR SECULAR
a a	Does the cap prevent entry of foreign material into the well?	/		
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?	V		
С .	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?	2/		
e	Is the depth of the well consistent with the original well log? Is the casing stable? (or does the pvc move easily when touched			
4	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)			
5 <u>Sampling:</u>	Groundwater Wells Only:			-
a	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
c	and specified in the approved groundwater plan for the facility? Does the well require redevelopment (low flow, turbid)?	· · · · · · · · · · · · · · · · · · ·	-	
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater			.
	Monitoring Program and 2) comply with the applicable regulatory requirements?			
7 Compostivo	- ·	<u></u>		
Wellpa	actions as needed, by date: A has large crack across the top, flush.	noun	t we	Npal.
ignature and Seal o	ave been hit during mowing (ficture) f PE/PG responsible for inspection	<u> </u>		
9	Oth o			
<u>Na</u>	uex powarx			

Site Name	Plant Mitchell			
Permit Number	N/A	-		
Well ID	PZ-51	_		
Date	2/13/23	-		
1 Location	n/Identification	Yes	No	n/a
a	Is the well visible and accessible?	,		
b	Is the well properly identified with the correct well ID?			
C	Is the well in a high traffic area and does the well require			
· ·	protection from traffic?		./	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	/		
2 Protectiv	re Casing			
a	Is the protective casing free from apparent damage and able to be secured?			
b	Is the casing free of degradation or deterioration?			
С	Does the casing have a functioning weep hole?			
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			
3 <u>Surface</u> p	<u>oad</u>			
a	is the well pad in good condition (not cracked or broken)?	/		
b	Is the well pad sloped away from the protective casing?	<u> </u>		
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			-
G	stable? (not undermined by erosion, animal burrows, and does not	,		
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal c	asing	***************************************		WWW.harasa
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
С	Is the well properly vented for equilibration of air pressure?			
d .	Is the survey point clearly marked on the inner casing?	<u> </u>		
е	Is the depth of the well consistent with the original well log?	1/		
f	Is the casing stable? (or does the pvc move easily when touched			;
	or can it be taken apart by hand due to lack of grout or use of slip			
	couplings in construction)	<u>/</u>		Parameter and
5 <u>Sampling</u>	: Groundwater Wells Only:			
a	Does well recharge adequately when purged?			
ь	If dedicated sampling equipment installed, is it in good condition and specified in the approved groundwater plan for the facility?			1
c	Does the well require redevelopment (low flow, turbid)?			
	·		· · · · · · · · · · · · · · · · · · ·	
o based on	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater . Monitoring Program and 2) comply with the applicable regulatory requirements?			
7 Corrective	actions as needed, by date:			
Wello	al was covered with debris			
Andrew and the second				

Signature and Seal of PE/PG responsible for inspection

Daniel Howard

Site Name	Plant Mitchell			
Permit Number	N/A	-		
Well ID	PZ-52	-		
Date	2/13/23			
1 Location	n/Identification	Yes	No	n/a
a <u>2004,101</u>	Is the well visible and accessible?	1		
b	Is the well properly identified with the correct well ID?			to the same of the
C	Is the well in a high traffic area and does the well require			
	protection from traffic?		/	
d	Is the drainage around the well acceptable? (no standing water, nor is well located in obvious drainage flow path)	_/		
2 Protectiv	ve Casing			
a	Is the protective casing free from apparent damage and able to be secured?	/		
b	Is the casing free of degradation or deterioration?			
, C	Does the casing have a functioning weep hole?			Water angle to you to assume the
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?			
е	Is the well locked and is the lock in good condition?			Pro-
3 Surface	<u>pad</u>			
а	is the well pad in good condition (not cracked or broken)?			
þ	Is the well pad sloped away from the protective casing?			M
С	Is the well pad in complete contact with the protective casing?			
đ	Is the well pad in complete contact with the ground surface and	·		
	stable? (not undermined by erosion, animal burrows, and does not move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4 Internal o	easing	_		
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from			
	foreign objects (such as bailers)?			
c .	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing?			
e	Is the depth of the well consistent with the original well log?			
f	Is the casing stable? (or does the pvc move easily when touched or can it be taken apart by hand due to lack of grout or use of slip			÷
	couplings in construction)			
5 Sampling	g: Groundwater Wells Only:			
a <u>Sampling</u>	Does well recharge adequately when purged?			
b	If dedicated sampling equipment installed, is it in good condition			
	and specified in the approved groundwater plan for the facility?			/
С	Does the well require redevelopment (low flow, turbid)?			
6 Based on	your professional judgement, is the well construction / location			
	appropriate to 1) achieve the objectives of the Groundwater. Monitoring Program and 2) comply with the applicable regulatory requirements?			
70	· · · · · · · · · · · · · · · · · · ·	<u> </u>	~	
	e actions as needed, by date: pad was covered with debris			

Signature and Seal of PE/PG responsible for inspection

David Howard

Name	Plant Mitchell			
nit Number	N/A	-		
ID	PZ-57	-		
	2-13-23	_		
		Yes	No	n/a
1 Location	n/Identification			
а	Is the well visible and accessible?			
b	is the well properly identified with the correct well ID?	<u> </u>		
С	Is the well in a high traffic area and does the well require			
	protection from traffic?			
d	Is the drainage around the well acceptable? (no standing water,		-	
	nor is well located in obvious drainage flow path)			
2 <u>Protecti</u>	ve Casing			•
а	Is the protective casing free from apparent damage and able to be secured?	Patrone		
b	Is the casing free of degradation or deterioration?			
C	Does the casing have a functioning weep hole?	CONTRACT OF THE PARTY OF THE PA		
d	Is the annular space between casings clear of debris and water,			
	or filled with pea gravel/sand?	NAME OF THE PARTY		
е	Is the well locked and is the lock in good condition?	3		
2 Cumboss	-			
3 <u>Surface</u>	<u>pad</u>			
а	Is the well pad in good condition (not cracked or broken)?	· CONTRACTOR OF		
b	Is the well pad sloped away from the protective casing?			
С	Is the well pad in complete contact with the protective casing?			
d	Is the well pad in complete contact with the ground surface and			***************************************
	stable? (not undermined by erosion, animal burrows, and does not			
	move when stepped on)			
е	Is the pad surface clean (not covered with sediment or debris)?			
4. lmha na al			······································	-
4 Internal of				
a	Does the cap prevent entry of foreign material into the well?			
b	Is the casing free of kinks or bends, or any obstructions from	_		
0	foreign objects (such as bailers)?	 .		
C .	Is the well properly vented for equilibration of air pressure?			
d	Is the survey point clearly marked on the inner casing? Is the depth of the well consistent with the original well log?			
e f	Is the casing stable? (or does the pvc move easily when touched			 .
'	or can it be taken apart by hand due to lack of grout or use of slip		_	,
	couplings in construction)		•	
5 Sampling	g: Groundwater Wells Only:			MITT.
a <u>Sampline</u>	Does well recharge adequately when purged?	./	,	, X
b	If dedicated sampling equipment installed, is it in good condition			KAH
~	and specified in the approved groundwater plan for the facility?	/		
С	Does the well require redevelopment (low flow, turbid)?			
			<u> </u>	
0 Daseu 01	your professional judgement, is the well construction / location appropriate to 1) achieve the objectives of the Groundwater			. *
	Monitoring Program and 2) comply with the applicable regulatory			
	requirements?			
7.0 "	·	<u> </u>	***	
/ Corrective	e actions as needed, by date:			

Signature and Seal of PE/PG responsible for inspection

EverGuillen



APPENDIX B

LABORATORY ANALYTICAL AND FIELD SAMPLING REPORTS AUGUST 2022 AND FEBRUARY 2023

		Purge Volume	Time Elapsed	DTW	Drawdown	Temperature	рН	Specific Conductance	Turbidity	Dissolved Oxygen	ORP
Well ID	Sample Date	(liter)	(secs)	(feet, TOC)	(feet)	(C)	(su)	(uS/cm)	(NTU)	(mg/L)	(mV)
PZ-1D	8/24/2022	9.0	2700	56.61	1.54	26.33	7.49	248.17	3.90	2.61	26.9
PZ-2D	8/24/2022	6.0	1800	38.66	0.10	20.64	8.01	163.03	1.51	3.07	79.6
PZ-2D	10/11/2022	9.5	3000	39.87	0.29	20.33	7.94	134.36	0.96	3.94	0.8
PZ-7D	8/25/2022	8.4	2509	34.95	0.03	21.73	6.98	486.05	1.73	0.83	38.2
PZ-14	8/25/2022	9.0	2700	45.61	0.06	22.45	6.93	455.19	0.67	5.58	45.0
PZ-15	8/25/2022	8.0	2400	32.06	0.21	24.48	7.15	517.74	0.41	0.46	-94.2
PZ-16	8/25/2022	5.0	1500	36.30	0	22.43	7.14	492.83	0.92	1.84	104.3
PZ-17	8/25/2022	6.0	1800	35.11	0.08	22.05	7.05	472.92	4.73	0.12	-29.0
PZ-18	8/25/2022	10.0	3000	31.51	0	22.99	6.76	648.77	0.37	0.18	37.1
PZ-19	8/25/2022	5.0	1500	34.07	0.05	22.68	6.67	858.98	0.15	0.37	124.1
PZ-23A	8/25/2022	5.0	1500	53.18	0.31	24.44	6.76	728.37	2.52	2.08	96.3
PZ-25	8/24/2022	5.0	1500	32.93	0.10	24.01	7.10	466.70	1.40	0.57	-71.5
PZ-25	10/11/2022	8.0	2400	34.76	0.44	24.86	7.13	388.97	1.03	0.22	-133.9
PZ-31	8/24/2022	7.0	2100	42.91	1.24	21.20	7.04	437.37	1.03	4.96	42.7
PZ-32	8/24/2022	7.0	2100	40.68	0.04	20.76	7.34	330.19	0.15	1.97	91.3
PZ-32	10/11/2022	7.0	2100	41.79	0.16	21.18	7.37	271.22	0.94	1.48	45.8
PZ-33	8/24/2022	6.0	1800	52.71	1.22	23.52	7.10	463.96	3.07	0.19	35.8
PZ-57	8/26/2022	7.0	2100	31.14	0.32	23.60	7.09	583.06	2.37	0.21	50.3





October 17, 2022

Michelle Barker WOOD E&I 1075 Big Shanty Rd Suite 100 Kennesaw, GA 30144

RE: Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Dear Michelle Barker:

Enclosed are the analytical results for sample(s) received by the laboratory between August 25, 2022 and August 27, 2022. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services Asheville
- Pace Analytical Services Charlotte
- Pace Analytical Services Peachtree Corners, GA

Revision 1: Issued on 10/17/22 to report the Boron result for sample PZ-14 at a lower dilution.

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

Sincerely,

Nicole D'Oleo

nicole.d'oleo@pacelabs.com (704)875-9092

Micole D'oler

Project Manager

Enclosures

cc: Joju Abraham, Georgia Power-CCR Noelia Gangi, Georgia Power Ben Hodges, Georgia Power Kristen Jurinko Laura Midkiff, Georgia Power Ms. Lauren Petty, Southern Company Rhonda Quinn, WOOD E&I Michael Smilley, Georgia Power Tina Sullivan, ERM Greg Wrenn, WOOD E&I





CERTIFICATIONS

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006 South Carolina Certification #: 99006001

9800 Kincey Ave. Ste 100, Huntersville, NC 28078 South Carolina Drinking Water Cert. #: 99006003

North Carolina Drinking Water Certification #: 37706 Florida/NELAP Certification #: E87627 North Carolina Field Services Certification #: 5342 Kentucky UST Certification #: 84 North Carolina Wastewater Certification #: 12 Louisiana DoH Drinking Water #: LA029

South Carolina Laboratory ID: 99006

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804 South Carolina Laboratory ID: 99030 Florida/NELAP Certification #: E87648 South Carolina Certification #: 99030001 Virginia/VELAP Certification #: 460222

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092 Florida DOH Certification #: E87315

Georgia DW Inorganics Certification #: 812

North Carolina Certification #: 381

South Carolina Certification #: 98011001

Virginia/VELAP Certification #: 460221



SAMPLE SUMMARY

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92622406001	PZ-1D	Water	08/24/22 11:35	08/25/22 09:40
92622406002	FD-01	Water	08/24/22 00:00	08/25/22 09:40
92622406003	PZ-31	Water	08/24/22 14:00	08/25/22 09:40
92622406004	PZ-33	Water	08/24/22 15:45	08/25/22 09:40
92622406009	FB-01	Water	08/24/22 10:00	08/25/22 14:47
92622406010	PZ-2D	Water	08/24/22 11:32	08/25/22 14:47
92622406011	PZ-32	Water	08/24/22 14:10	08/25/22 14:47
92622406012	PZ-25	Water	08/24/22 15:45	08/25/22 14:47
92622406020	PZ-19	Water	08/25/22 10:28	08/26/22 10:00
92622406021	PZ-16	Water	08/25/22 12:12	08/26/22 10:00
92622406022	PZ-15	Water	08/25/22 14:08	08/26/22 10:00
92622406023	FD-02	Water	08/25/22 00:00	08/26/22 10:00
92622406013	PZ-18	Water	08/25/22 10:35	08/26/22 10:00
92622406014	PZ-17	Water	08/25/22 12:10	08/26/22 10:00
92622406015	PZ-23A	Water	08/25/22 16:08	08/26/22 10:00
92622406016	PZ-7D	Water	08/25/22 14:10	08/26/22 10:00
92622406017	PZ-14	Water	08/25/22 16:00	08/26/22 10:00
92622406018	EB-01	Water	08/26/22 09:15	08/27/22 11:15
92622406019	PZ-57	Water	08/26/22 11:20	08/27/22 11:15



SAMPLE ANALYTE COUNT

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92622406001	PZ-1D	EPA 6010D	DRB	
		EPA 6020B	KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92622406002	FD-01	EPA 6010D	DRB	1
		EPA 6020B	KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92622406003	PZ-31	EPA 6010D	DRB	1
		EPA 6020B	KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92622406004	PZ-33	EPA 6010D	DRB	1
		EPA 6020B	KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92622406009	FB-01	EPA 6010D	DRB	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92622406010	PZ-2D	EPA 6010D	DRB	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	JCM	3
92622406011	PZ-32	EPA 6010D	DRB	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406012	PZ-25	EPA 6010D	DRB	1
		EPA 6020B	CW1	13

REPORT OF LABORATORY ANALYSIS



SAMPLE ANALYTE COUNT

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470A		1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406020	PZ-19	EPA 6010D	DRB	1
		EPA 6020B	KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406021	PZ-16	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
2622406022	PZ-15	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
2622406023	FD-02	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406013	PZ-18	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406014	PZ-17	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
2622406015	PZ-23A	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1

REPORT OF LABORATORY ANALYSIS



SAMPLE ANALYTE COUNT

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406016	PZ-7D	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406017	PZ-14	EPA 6010D	DRB	1
		EPA 6020B	CW1, KH	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406018	EB-01	EPA 6010D	DRB	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92622406019	PZ-57	EPA 6010D	DRB	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
		EPA 300.0 Rev 2.1 1993	CDC	3

PASI-A = Pace Analytical Services - Asheville PASI-C = Pace Analytical Services - Charlotte

PASI-GA = Pace Analytical Services - Peachtree Corners, GA



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2622406001	PZ-1D					
	Performed by	Customer			08/25/22 13:24	
	рН	7.49	Std. Units		08/25/22 13:24	
EPA 6010D	Calcium	45.8	mg/L	1.0	09/08/22 12:42	
EPA 6020B	Barium	0.015	mg/L	0.0050	09/12/22 22:08	
EPA 6020B	Boron	0.011J	mg/L	0.040	09/12/22 22:08	
EPA 6020B	Chromium	0.0025J	mg/L	0.0050	09/12/22 22:08	
EPA 6020B	Molybdenum	0.00088J	mg/L	0.010	09/12/22 22:08	
SM 2540C-2015	Total Dissolved Solids	139	mg/L	25.0	08/30/22 15:41	
PA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0		
PA 300.0 Rev 2.1 1993	Fluoride	0.080J	mg/L	0.10	09/04/22 02:06	
PA 300.0 Rev 2.1 1993	Sulfate	2.2	mg/L	1.0	09/04/22 02:06	
2622406002	FD-01					
	Performed by	Customer			08/25/22 13:25	
	рH	7.49	Std. Units		08/25/22 13:25	
PA 6010D	Calcium	46.4	mg/L	1.0	09/12/22 15:40	M1
PA 6020B	Barium	0.013	mg/L	0.0050		
PA 6020B	Chromium	0.0023J	mg/L	0.0050		
PA 6020B	Molybdenum	0.00085J	mg/L	0.010		
SM 2540C-2015	Total Dissolved Solids	142	mg/L	25.0		
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0		
EPA 300.0 Rev 2.1 1993	Fluoride	0.076J	mg/L	0.10	09/04/22 02:21	
EPA 300.0 Rev 2.1 1993	Sulfate	2.2	mg/L	1.0	09/04/22 02:21	
2622406003	PZ-31		3			
	Performed by	Customer			08/25/22 13:25	
	pH	7.04	Std. Units		08/25/22 13:25	
PA 6010D	Calcium	95.2	mg/L	1.0		
PA 6020B	Barium	0.0063	mg/L	0.0050	09/12/22 22:20	
PA 6020B	Chromium	0.0015J	mg/L	0.0050	09/12/22 22:20	
M 2540C-2015	Total Dissolved Solids	261	mg/L	25.0	08/30/22 15:42	
PA 300.0 Rev 2.1 1993	Chloride	3.0	mg/L	1.0		
PA 300.0 Rev 2.1 1993	Fluoride	0.069J	mg/L	0.10	09/04/22 02:36	
PA 300.0 Rev 2.1 1993 PA 300.0 Rev 2.1 1993	Sulfate	0.56J	mg/L	1.0	09/04/22 02:36	
2622406004	PZ-33	0.503	mg/L	1.0	03/04/22 02.30	
LUZZ4UUUU4	P2-33 Performed by	Customer			08/25/22 13:25	
	pH	7.10	Std. Units		08/25/22 13:25	
PA 6010D	Calcium	96.5	mg/L	1.0	09/12/22 16:04	
PA 6020B	Antimony	0.00082J	mg/L	0.0030		
	•	0.000823	•			
PA 6020B	Barium		mg/L	0.0050		
PA 6020B	Boron	0.32	mg/L	0.040		
M 2540C-2015	Total Dissolved Solids	265	mg/L	25.0		
PA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L		09/04/22 02:51	
PA 300.0 Rev 2.1 1993	Fluoride	0.092J	mg/L		09/04/22 02:51	
EPA 300.0 Rev 2.1 1993	Sulfate	34.7	mg/L	1.0	09/04/22 02:51	
2622406010	PZ-2D					
	Performed by	Customer			08/26/22 09:35	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2622406010	PZ-2D					
	рН	8.01	Std. Units		08/26/22 09:35	
PA 6010D	Calcium	27.3	mg/L	1.0	09/22/22 20:27	
PA 6020B	Antimony	0.0011J	mg/L	0.0030	09/22/22 16:33	
PA 6020B	Barium	0.010	mg/L	0.0050	09/22/22 16:33	
PA 6020B	Boron	0.012J	mg/L	0.040	09/22/22 16:33	
PA 6020B	Chromium	0.0066	mg/L	0.0050	09/22/22 16:33	
PA 6020B	Lithium	0.0012J	mg/L	0.030	09/22/22 16:33	
PA 7470A	Mercury	0.00013J	mg/L	0.00020	09/21/22 14:03	
M 2540C-2015	Total Dissolved Solids	287	mg/L	25.0	09/07/22 14:10	H1
PA 300.0 Rev 2.1 1993	Chloride	2.1	mg/L	1.0	09/04/22 04:21	
PA 300.0 Rev 2.1 1993	Fluoride	0.088J	mg/L	0.10	09/04/22 04:21	
PA 300.0 Rev 2.1 1993	Sulfate	2.0	mg/L	1.0	09/04/22 04:21	
2622406011	PZ-32		-			
	Performed by	Customer			08/26/22 09:35	
	pH	7.34	Std. Units		08/26/22 09:35	
PA 6010D	Calcium	67.1	mg/L	1.0		M1
PA 6020B	Antimony	0.0010J	mg/L	0.0030	09/22/22 16:57	
PA 6020B	Barium	0.019	mg/L	0.0050	09/22/22 16:57	
PA 6020B	Boron	0.022J	mg/L	0.040	09/22/22 16:57	
PA 7470A	Mercury	0.00014J	mg/L	0.00020	09/21/22 14:05	
M 2540C-2015	Total Dissolved Solids	172	mg/L	25.0	09/07/22 14:10	H1
PA 300.0 Rev 2.1 1993	Chloride	2.7	mg/L	1.0	09/07/22 15:22	
PA 300.0 Rev 2.1 1993	Fluoride	0.058J	mg/L	0.10	09/07/22 15:22	
PA 300.0 Rev 2.1 1993	Sulfate	1.7	mg/L	1.0	09/07/22 15:22	
2622406012	PZ-25		9/ =		00/01/22 10:22	
	Performed by	Customer			08/26/22 09:36	
	pH	7.10	Std. Units		08/26/22 09:36	
PA 6010D	Calcium	87.6	mg/L	1.0	09/22/22 18:32	
PA 6020B	Barium	0.10	mg/L	0.0050	09/22/22 17:03	
PA 6020B	Boron	0.19	mg/L	0.040	09/22/22 17:03	
PA 6020B	Cobalt	0.0016J	mg/L	0.0050	09/22/22 17:03	
PA 6020B	Lithium	0.0073J	mg/L	0.030		
PA 6020B	Thallium	0.00733 0.00048J	mg/L	0.0010	09/22/22 17:03	
PA 7470A	Mercury	0.00048J	mg/L	0.00020	09/22/22 08:43	H1
M 2540C-2015	Total Dissolved Solids	286	mg/L	25.0	09/07/22 14:10	H1
PA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L		09/07/22 14:10	
PA 300.0 Rev 2.1 1993	Fluoride	0.15	mg/L		09/07/22 16:32	
PA 300.0 Rev 2.1 1993 PA 300.0 Rev 2.1 1993	Sulfate	35.7	mg/L		09/07/22 16:32	
622406020	PZ-19	35.7	mg/∟	1.0	00/01/22 10:02	
	Performed by	Customer			08/26/22 17:04	
	pH	6.67	Std. Units		08/26/22 17:04	
PA 6010D	Calcium	156	mg/L	1.0		
PA 6020B	Barium	0.046	mg/L	0.0050		
PA 6020B	Boron	0.048	mg/L	0.0030		
PA 6020B	Lithium	0.56 0.012J	mg/L	0.030		
			•			
PA 6020B	Molybdenum	0.0017J	mg/L	0.010	09/12/22 22:49	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab Sample ID	Client Sample ID	Dogult	Llaita	Donart Limit	Anglyzad	Ouglifion
Method ————————————————————————————————————	Parameters	Result	Units	Report Limit	Analyzed .	Qualifiers
2622406020	PZ-19					
EPA 6020B	Selenium	0.0019J	mg/L	0.0050	09/12/22 22:49	
EPA 6020B	Thallium	0.00053J	mg/L	0.0010	09/12/22 22:49	
SM 2540C-2015	Total Dissolved Solids	528	mg/L	50.0	08/30/22 15:42	
EPA 300.0 Rev 2.1 1993	Chloride	4.6	mg/L	1.0	09/07/22 20:16	
EPA 300.0 Rev 2.1 1993	Fluoride	0.086J	mg/L	0.10	09/07/22 20:16	
EPA 300.0 Rev 2.1 1993	Sulfate	84.4	mg/L	1.0	09/07/22 20:16	
2622406021	PZ-16					
	Performed by	Customer			08/26/22 17:04	
	рН	7.14	Std. Units		08/26/22 17:04	
PA 6010D	Calcium	92.0	mg/L	1.0	09/12/22 16:39	
PA 6020B	Barium	0.035	mg/L	0.0050	09/12/22 23:07	
PA 6020B	Boron	0.24	mg/L	0.20	09/15/22 13:37	
PA 6020B	Chromium	0.0012J	mg/L	0.0050	09/12/22 23:07	
M 2540C-2015	Total Dissolved Solids	90.0	mg/L	25.0	08/30/22 15:42	
PA 300.0 Rev 2.1 1993	Chloride	6.3	mg/L	1.0	09/07/22 20:30	
PA 300.0 Rev 2.1 1993	Fluoride	0.058J	mg/L	0.10	09/07/22 20:30	
PA 300.0 Rev 2.1 1993	Sulfate	38.7	mg/L	1.0	09/07/22 20:30	
2622406022	PZ-15					
	Performed by	Customer			08/26/22 17:04	
	рН	7.15	Std. Units		08/26/22 17:04	
PA 6010D	Calcium	96.7	mg/L	1.0	09/12/22 16:44	
PA 6020B	Barium	0.057	mg/L	0.0050	09/12/22 23:13	
PA 6020B	Boron	0.21	mg/L	0.20	09/15/22 13:43	
PA 6020B	Lithium	0.0012J	mg/L	0.030	09/12/22 23:13	
M 2540C-2015	Total Dissolved Solids	319	mg/L	25.0	08/30/22 15:42	
PA 300.0 Rev 2.1 1993	Chloride	6.4	mg/L	1.0	09/07/22 20:44	
PA 300.0 Rev 2.1 1993	Fluoride	0.074J	mg/L	0.10	09/07/22 20:44	
PA 300.0 Rev 2.1 1993	Sulfate	75.5	mg/L	1.0	09/07/22 20:44	
2622406023	FD-02					
	Performed by	Customer			08/26/22 17:04	
	рН	6.76	Std. Units		08/26/22 17:04	
PA 6010D	Calcium	147	mg/L	1.0	09/12/22 16:49	
PA 6020B	Barium	0.025	mg/L	0.0050	09/12/22 23:19	
PA 6020B	Boron	0.38	mg/L	0.20	09/15/22 13:49	
PA 6020B	Lithium	0.0033J	mg/L	0.030	09/12/22 23:19	
M 2540C-2015	Total Dissolved Solids	432	mg/L	50.0	08/30/22 15:42	
PA 300.0 Rev 2.1 1993	Chloride	4.6	mg/L	1.0	09/07/22 20:58	
PA 300.0 Rev 2.1 1993	Fluoride	0.054J	mg/L	0.10	09/07/22 20:58	
PA 300.0 Rev 2.1 1993	Sulfate	95.6	mg/L	1.0	09/07/22 20:58	
2622406013	PZ-18					
	Performed by	Customer			08/26/22 17:05	
	рН	6.76	Std. Units		08/26/22 17:05	
PA 6010D	Calcium	141	mg/L	1.0	09/12/22 16:53	
PA 6020B	Barium	0.026	mg/L	0.0050	09/12/22 23:25	
PA 6020B	Boron	0.39	mg/L	0.20	09/15/22 13:55	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab Sample ID	Client Sample ID Parameters	Result	l loito	Panart Limit	Apolyzod	Qualifiers
Method ————————————————————————————————————	- Parameters	Result	Units	Report Limit	Analyzed	- Qualifiers
92622406013	PZ-18					
EPA 6020B	Lithium	0.0033J	mg/L	0.030	09/12/22 23:25	
SM 2540C-2015	Total Dissolved Solids	446	mg/L	50.0	08/30/22 15:42	
EPA 300.0 Rev 2.1 1993	Chloride	4.6	mg/L	1.0	09/07/22 21:12	
EPA 300.0 Rev 2.1 1993	Fluoride	0.052J	mg/L	0.10	09/07/22 21:12	
EPA 300.0 Rev 2.1 1993	Sulfate	96.3	mg/L	1.0	09/07/22 21:12	
2622406014	PZ-17					
	Performed by	Customer	0.1.1.		08/26/22 17:05	
	pH	7.05	Std. Units		08/26/22 17:05	
EPA 6010D	Calcium	99.5	mg/L	1.0	09/12/22 16:58	
EPA 6020B	Barium	0.061	mg/L	0.0050	09/12/22 23:31	
EPA 6020B	Boron	0.19J	mg/L	0.20	09/15/22 14:01	D3
EPA 6020B	Lithium	0.0018J	mg/L	0.030	09/12/22 23:31	
EPA 6020B	Thallium	0.00037J	mg/L	0.0010	09/12/22 23:31	
SM 2540C-2015	Total Dissolved Solids	321	mg/L	25.0	08/30/22 15:43	
EPA 300.0 Rev 2.1 1993	Chloride	3.9	mg/L	1.0	09/07/22 21:26	
EPA 300.0 Rev 2.1 1993	Fluoride	0.078J	mg/L	0.10	09/07/22 21:26	
EPA 300.0 Rev 2.1 1993	Sulfate	62.7	mg/L	1.0	09/07/22 21:26	
2622406015	PZ-23A					
	Performed by	Customer			08/26/22 17:05	
	рН	6.76	Std. Units		08/26/22 17:05	
EPA 6010D	Calcium	145	mg/L	1.0	09/12/22 17:03	
EPA 6020B	Barium	0.036	mg/L	0.0050	09/12/22 23:37	
EPA 6020B	Boron	0.17J	mg/L	0.20	09/15/22 14:07	D3
EPA 6020B	Chromium	0.0022J	mg/L	0.0050	09/12/22 23:37	
EPA 6020B	Selenium	0.0023J	mg/L	0.0050	09/12/22 23:37	
SM 2540C-2015	Total Dissolved Solids	437	mg/L	25.0	08/30/22 15:43	
EPA 300.0 Rev 2.1 1993	Chloride	3.2	mg/L	1.0	09/07/22 22:08	
EPA 300.0 Rev 2.1 1993	Fluoride	0.074J	mg/L	0.10	09/07/22 22:08	
EPA 300.0 Rev 2.1 1993	Sulfate	45.6	mg/L	1.0	09/07/22 22:08	
2622406016	PZ-7D					
	Performed by	Customer			08/26/22 17:05	
	рН	6.98	Std. Units		08/26/22 17:05	
EPA 6010D	Calcium	107	mg/L	1.0	09/12/22 17:08	
PA 6020B	Barium	0.0058	mg/L	0.0050	09/12/22 23:43	
EPA 6020B	Boron	0.20	mg/L	0.20	09/15/22 14:13	
EPA 6020B	Chromium	0.0024J	mg/L	0.0050	09/12/22 23:43	
EPA 6020B	Lithium	0.0030J	mg/L	0.030	09/12/22 23:43	
PA 6020B	Selenium	0.0017J	mg/L	0.0050	09/12/22 23:43	
SM 2540C-2015	Total Dissolved Solids	325	mg/L	25.0	08/30/22 15:43	
EPA 300.0 Rev 2.1 1993	Chloride	4.1	mg/L	1.0	09/07/22 22:50	
EPA 300.0 Rev 2.1 1993	Fluoride	0.056J	mg/L	0.10	09/07/22 22:50	
EPA 300.0 Rev 2.1 1993	Sulfate	47.3	mg/L	1.0	09/07/22 22:50	
2622406017	PZ-14					
	Performed by	Customer			08/26/22 17:05	
	pH	6.93	Std. Units		08/26/22 17:05	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92622406017	PZ-14	_				
EPA 6010D	Calcium	108	mg/L	1.0	09/12/22 17:12	
EPA 6020B	Barium	0.011	mg/L	0.0050	09/12/22 23:49	
EPA 6020B	Boron	0.032J	mg/L	0.040	10/11/22 13:07	
EPA 6020B	Chromium	0.0014J	mg/L	0.0050	09/12/22 23:49	
SM 2540C-2015	Total Dissolved Solids	259	mg/L	25.0	08/30/22 15:47	
EPA 300.0 Rev 2.1 1993	Chloride	4.6	mg/L	1.0	09/07/22 23:32	
EPA 300.0 Rev 2.1 1993	Fluoride	0.051J	mg/L	0.10	09/07/22 23:32	
EPA 300.0 Rev 2.1 1993	Sulfate	10.7	mg/L	1.0	09/07/22 23:32	
92622406018	EB-01					
EPA 6020B	Boron	0.0091J	mg/L	0.040	09/13/22 18:45	
2622406019	PZ-57					
	Performed by	Customer			08/29/22 11:09	
	рН	7.09	Std. Units		08/29/22 11:09	
EPA 6010D	Calcium	95.5	mg/L	1.0	09/12/22 18:15	
EPA 6020B	Barium	0.064	mg/L	0.0050	09/13/22 18:51	
EPA 6020B	Boron	0.18	mg/L	0.040	09/13/22 18:51	
EPA 6020B	Cobalt	0.0012J	mg/L	0.0050	09/13/22 18:51	
EPA 6020B	Lithium	0.0013J	mg/L	0.030	09/13/22 18:51	
SM 2540C-2015	Total Dissolved Solids	358	mg/L	25.0	08/31/22 12:44	
EPA 300.0 Rev 2.1 1993	Chloride	2.4	mg/L	1.0	09/08/22 00:00	
EPA 300.0 Rev 2.1 1993	Fluoride	0.083J	mg/L	0.10	09/08/22 00:00	
EPA 300.0 Rev 2.1 1993	Sulfate	87.2	mg/L	1.0	09/08/22 00:00	



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-1D	Lab ID:	92622406001	Collecte	ed: 08/24/22	2 11:35	Received: 08/	25/22 09:40 Ma	atrix: Water	
5 .	5 "	11.2	Report	MDI	55			0404	•
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	- Charlotte						
Performed by	Customer				1		08/25/22 13:24		
Н	7.49	Std. Units			1		08/25/22 13:24		
6010D ATL ICP	Analytical	Method: EPA 6	6010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	SA.				
Calcium	45.8	mg/L	1.0	0.12	1	09/07/22 11:21	09/08/22 12:42	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	6020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	βA				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 22:08	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47	09/12/22 22:08	7440-38-2	
Barium	0.015	mg/L	0.0050	0.00067	1	09/12/22 10:47	09/12/22 22:08	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	09/12/22 10:47	09/12/22 22:08	7440-41-7	
Boron	0.011J	mg/L	0.040	0.0086	1	09/12/22 10:47	09/12/22 22:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1		09/12/22 22:08		
Chromium	0.0025J	mg/L	0.0050	0.0011	1	09/12/22 10:47	09/12/22 22:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 10:47	09/12/22 22:08	7440-48-4	
_ead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 22:08	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 22:08	7439-93-2	
Molybdenum	0.00088J	mg/L	0.010	0.00074	1	09/12/22 10:47	09/12/22 22:08	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	09/12/22 10:47	09/12/22 22:08	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 22:08	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	7470A Prep	paration Met	hod: EF	PA 7470A			
·	Pace Ana	lytical Services	- Peachtre	e Corners, C	SA.				
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 08:48	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Ana	lytical Services	- Peachtre	e Corners, C	SA.				
Total Dissolved Solids	139	mg/L	25.0	10.0	1		08/30/22 15:41		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	300.0 Rev 2	2.1 1993					
-	Pace Ana	lytical Services	- Asheville						
Chloride	2.6	mg/L	1.0	0.60	1		09/04/22 02:06	16887-00-6	
Fluoride	0.080J	mg/L	0.10	0.050	1		09/04/22 02:06	16984-48-8	
Sulfate	2.2	mg/L	1.0	0.50	1		09/04/22 02:06		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: FD-01	Lab ID:	92622406002	Collecte	ed: 08/24/22	2 00:00	Received: 08/	25/22 09:40 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical Pace Ana	Method: lytical Services	- Charlotte						
Performed by	Customer				1		08/25/22 13:25		
Н	7.49	Std. Units			1		08/25/22 13:25		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	SA.				
Calcium	46.4	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 15:40	7440-70-2	M1
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prei	paration Met	hod: EF	PA 3005A			
,02021 1010	•	lytical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 22:14	7440.26.0	
Antimony Arsenic	ND ND	mg/L	0.0050	0.00078	1	09/12/22 10:47			
Barium	0.013	mg/L	0.0050	0.0022	1		09/12/22 22:14		
Beryllium	0.013 ND	mg/L	0.0050	0.00007	1		09/12/22 22:14		
Boron	ND	mg/L	0.00030	0.000034	1		09/12/22 22:14		
Cadmium	ND	mg/L	0.00050	0.00011	1		09/12/22 22:14		
Chromium	0.0023J	mg/L	0.0050	0.0011	1		09/12/22 22:14		
Cobalt	ND	mg/L	0.0050	0.00039	1		09/12/22 22:14		
Lead	ND	mg/L	0.0030	0.00089	1		09/12/22 22:14		
Lithium	ND	mg/L	0.030	0.00073	1		09/12/22 22:14		
Molybdenum	0.00085J	mg/L	0.010	0.00074	1		09/12/22 22:14		
Selenium	ND	mg/L	0.0050	0.0014	1		09/12/22 22:14		
Fhallium	ND	mg/L	0.0010	0.00018	1		09/12/22 22:14		
7470 Mercury	Analytical	Method: EPA 7	470A Prei	naration Met	hod: FF	PA 7470A			
Tro moroury	•	lytical Services				, , , , , , , , , , , , , , , , , , ,			
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 08:58	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
io 100 Total Diccollon Condo	•	lytical Services			SA.				
Total Dissolved Solids	142	mg/L	25.0	10.0	1		08/30/22 15:42		
300.0 IC Anions 28 Days	•	Method: EPA 3							
Chloride	2.6	mg/L	1.0	0.60	1		09/04/22 02:21	16887-00-6	
Fluoride	0.076J	mg/L	0.10	0.050	1		09/04/22 02:21	16984-48-8	
Sulfate	2.2	mg/L	1.0	0.50	1		09/04/22 02:21		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-31	Lab ID:	9262240600	3 Collecte	ed: 08/24/22	2 14:00	Received: 08/	25/22 09:40 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Anal	ytical Service	s - Charlotte	;					
Performed by	Customer				1		08/25/22 13:25		
pH	7.04	Std. Units			1		08/25/22 13:25		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Met	thod: E	PA 3010A			
	Pace Anal	ytical Service	s - Peachtre	e Corners, C	ЭΑ				
Calcium	95.2	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:00	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Prej	paration Met	hod: El	PA 3005A			
	Pace Anal	ytical Service	s - Peachtre	e Corners, C	ЭΑ				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 22:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47			
Barium	0.0063	mg/L	0.0050	0.00067	1		09/12/22 22:20		
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 22:20		
Boron	ND	mg/L	0.040	0.0086	1	09/12/22 10:47	09/12/22 22:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1		09/12/22 22:20		
Chromium	0.0015J	mg/L	0.0050	0.0011	1		09/12/22 22:20		
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 10:47	09/12/22 22:20	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 22:20	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 22:20	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/12/22 10:47	09/12/22 22:20	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	09/12/22 10:47	09/12/22 22:20	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 22:20	7440-28-0	
7470 Mercury	Analytical	Method: EPA	7470A Pre	paration Met	hod: El	PA 7470A			
•	Pace Anal	ytical Service	s - Peachtre	e Corners, C	βA				
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:01	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	2540C-2015						
	•	ytical Service			3A				
Total Dissolved Solids	261	mg/L	25.0	10.0	1		08/30/22 15:42		
300.0 IC Anions 28 Days	Analytical	Method: EPA	300.0 Rev 2	2.1 1993					
	Pace Anal	ytical Service	s - Asheville						
Chloride	3.0	mg/L	1.0	0.60	1		09/04/22 02:36	16887-00-6	
Fluoride	0.069J	mg/L	0.10	0.050	1			16984-48-8	
Sulfate	0.56J	mg/L	1.0	0.50	1		09/04/22 02:36		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-33	Lab ID:	92622406004	Collecte	ed: 08/24/22	2 15:45	Received: 08/	25/22 09:40 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
, arametere									
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	- Charlotte						
Performed by	Customer				1		08/25/22 13:25		
pH	7.10	Std. Units			1		08/25/22 13:25		
6010D ATL ICP	Apalytical	Method: EPA 6	010D Pro	paration Mo	hod: E	ολ 2010 λ			
00 IUD AIL ICP	•	lytical Services				-A 3010A			
		•		•					
Calcium	96.5	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:04	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, 0	βA				
Antimony	0.00082J	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 22:43	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47			
Barium	0.038	mg/L	0.0050	0.00067	1		09/12/22 22:43		
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 22:43		
Boron	0.32	mg/L	0.040	0.0086	1	09/12/22 10:47	09/12/22 22:43	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 10:47	09/12/22 22:43	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	09/12/22 10:47	09/12/22 22:43	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 10:47	09/12/22 22:43	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 22:43	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 22:43	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/12/22 10:47	09/12/22 22:43	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	09/12/22 10:47	09/12/22 22:43	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 22:43	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Prer	paration Met	hod: EF	PA 7470A			
•	•	lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:04	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540 ∩ -2015						
2340C Total Dissolved Solids	•	lytical Services		a Corners (2.0				
Total Dissolved Solids	265	mg/L	25.0	10.0	1		08/30/22 15:42		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	2.1 1993					
-	Pace Ana	lytical Services	- Asheville						
Chloride	1.8	mg/L	1.0	0.60	1		09/04/22 02:51	16887-00-6	
Fluoride	0.092J	mg/L	0.10	0.050	1		09/04/22 02:51		
Sulfate	34.7	mg/L	1.0	0.50	1		09/04/22 02:51		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: FB-01	Lab ID:	92622406009	Collecte	d: 08/24/22	2 10:00	Received: 08/	25/22 14:47 Ma	atrix: Water			
			Report								
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua		
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	paration Met	hod: EF	PA 3010A					
	Pace Anal	ytical Services	- Peachtree	e Corners, C	βA						
Calcium	ND	mg/L	1.0	0.12	1	09/21/22 17:50	09/22/22 18:08	7440-70-2			
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	aration Met	hod: EF	PA 3005A					
	Pace Analytical Services - Peachtree Corners, GA										
Antimony	ND	mg/L	0.0030	0.00078	1	09/21/22 17:50	09/22/22 16:27	7440-36-0			
Arsenic	ND	mg/L	0.0050	0.0022	1	09/21/22 17:50	09/22/22 16:27	7440-38-2			
Barium	ND	mg/L	0.0050	0.00067	1	09/21/22 17:50	09/22/22 16:27	7440-39-3			
Beryllium	ND	mg/L	0.00050	0.000054	1	09/21/22 17:50	09/22/22 16:27	7440-41-7			
Boron	ND	mg/L	0.040	0.0086	1	09/21/22 17:50	09/22/22 16:27	7440-42-8			
Cadmium	ND	mg/L	0.00050	0.00011	1	09/21/22 17:50	09/22/22 16:27	7440-43-9			
Chromium	ND	mg/L	0.0050	0.0011	1	09/21/22 17:50	09/22/22 16:27	7440-47-3			
Cobalt	ND	mg/L	0.0050	0.00039	1	09/21/22 17:50	09/22/22 16:27	7440-48-4			
Lead	ND	mg/L	0.0010	0.00089	1	09/21/22 17:50	09/22/22 16:27	7439-92-1			
_ithium	ND	mg/L	0.030	0.00073	1	09/21/22 17:50	09/22/22 16:27	7439-93-2			
Molybdenum	ND	mg/L	0.010	0.00074	1	09/21/22 17:50	09/22/22 16:27	7439-98-7			
Selenium	ND	mg/L	0.0050	0.0014	1	09/21/22 17:50	09/22/22 16:27	7782-49-2			
Thallium	ND	mg/L	0.0010	0.00018	1	09/21/22 17:50	09/22/22 16:27	7440-28-0			
7470 Mercury	Analytical Method: EPA 7470A Preparation Method: EPA 7470A										
	Pace Anal	ytical Services	- Peachtree	e Corners, C	βA						
Mercury	ND	mg/L	0.00020	0.00013	1	09/21/22 09:00	09/21/22 14:00	7439-97-6			
2540C Total Dissolved Solids	Analytical Method: SM 2540C-2015										
	Pace Anal	ytical Services	- Peachtree	e Corners, C	βA						
Total Dissolved Solids	ND	mg/L	25.0	10.0	1		09/07/22 14:10		H1		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	300.0 Rev 2	.1 1993							
	Pace Anal	ytical Services	- Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/04/22 04:06	16887-00-6			
Fluoride	ND	mg/L	0.10	0.050	1		09/04/22 04:06	16984-48-8			
Sulfate	ND	mg/L	1.0	0.50	1		09/04/22 04:06				



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-2D	Lab ID:	92622406010	Collecte	ed: 08/24/2	2 11:32	Received: 08/	25/22 14:47 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Ana	ytical Services	- Charlotte	;					
Performed by	Customer				1		08/26/22 09:35		
pH	8.01	Std. Units			1		08/26/22 09:35		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Me	thod: EF	PA 3010A			
	Pace Ana	ytical Services	- Peachtre	e Corners, 0	ЭΑ				
Calcium	27.3	mg/L	1.0	0.12	1	09/21/22 17:50	09/22/22 20:27	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Pre	paration Met	thod: EF	PA 3005A			
	Pace Ana	ytical Services	- Peachtre	e Corners, 0	ЭΑ				
Antimony	0.0011J	mg/L	0.0030	0.00078	1	09/21/22 17:50	09/22/22 16:33	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/21/22 17:50	09/22/22 16:33	7440-38-2	
Barium	0.010	mg/L	0.0050	0.00067	1	09/21/22 17:50	09/22/22 16:33		
Beryllium	ND	mg/L	0.00050	0.000054	1	09/21/22 17:50	09/22/22 16:33	7440-41-7	
Boron	0.012J	mg/L	0.040	0.0086	1	09/21/22 17:50	09/22/22 16:33	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/21/22 17:50	09/22/22 16:33	7440-43-9	
Chromium	0.0066	mg/L	0.0050	0.0011	1	09/21/22 17:50	09/22/22 16:33	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	09/21/22 17:50	09/22/22 16:33	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	09/21/22 17:50	09/22/22 16:33	7439-92-1	
Lithium	0.0012J	mg/L	0.030	0.00073	1	09/21/22 17:50	09/22/22 16:33	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/21/22 17:50	09/22/22 16:33	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	09/21/22 17:50	09/22/22 16:33	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	09/21/22 17:50	09/22/22 16:33	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Pre	paration Met	hod: EF	PA 7470A			
	Pace Ana	ytical Services	- Peachtre	e Corners, 0	ЭΑ				
Mercury	0.00013J	mg/L	0.00020	0.00013	1	09/21/22 09:00	09/21/22 14:03	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Ana	ytical Services	- Peachtre	e Corners, 0	GΑ				
Total Dissolved Solids	287	mg/L	25.0	10.0	1		09/07/22 14:10		H1
300.0 IC Anions 28 Days	•	Method: EPA 3 ytical Services							
Chloride	2.1	mg/L	1.0	0.60	1		09/04/22 04:21	16887-00-6	
Fluoride	0.088J	mg/L	0.10	0.050	1		09/04/22 04:21		
Sulfate	2.0	mg/L	1.0	0.50	1		09/04/22 04:21		



Project: Mitchell 2022 2nd SA-Revised Report

Date: 10/17/2022 08:08 AM

Pace Project No.: 92622406									
Sample: PZ-32	Lab ID:	9262240601	1 Collecte	ed: 08/24/2	2 14:10	Received: 08/	/25/22 14:47 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL_	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytica	Method:							
	Pace Ana	lytical Service	s - Charlotte	;					
Performed by	Customer				1		08/26/22 09:35		
рН	7.34	Std. Units			1		08/26/22 09:35		
6010D ATL ICP	Analytica	Method: EPA	6010D Pre	paration Me	thod: El	PA 3010A			
	•	lytical Service		•					
Calcium	67.1	mg/L	1.0	0.12	1	09/21/22 17:50	09/22/22 18:13	7440-70-2	M1
6020 MET ICPMS	Analytica	Method: EPA	.6020B Pre	paration Me	thod: El	PA 3005A			
		lytical Service							
Antimony	0.0010J	mg/L	0.0030	0.00078	1	09/21/22 17:50	09/22/22 16:57	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/21/22 17:50	09/22/22 16:57	7440-38-2	
Barium	0.019	mg/L	0.0050	0.00067	1	09/21/22 17:50	09/22/22 16:57	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	09/21/22 17:50	09/22/22 16:57	7440-41-7	
Boron	0.022J	mg/L	0.040	0.0086	1	09/21/22 17:50	09/22/22 16:57	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/21/22 17:50	09/22/22 16:57	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	09/21/22 17:50	09/22/22 16:57	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	09/21/22 17:50	09/22/22 16:57	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	09/21/22 17:50	09/22/22 16:57	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	09/21/22 17:50	09/22/22 16:57	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/21/22 17:50	09/22/22 16:57	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	09/21/22 17:50			
Thallium	ND	mg/L	0.0010	0.00018	1		09/22/22 16:57		
7470 Mercury	Analytica	Method: EPA	.7470A Prej	paration Met	thod: Ef	PA 7470A			
•	Pace Ana	lytical Service	s - Peachtre	e Corners, (GΑ				
Mercury	0.00014J	mg/L	0.00020	0.00013	1	09/21/22 09:00	09/21/22 14:05	7439-97-6	
2540C Total Dissolved Solids	Analytica	Method: SM	2540C-2015						
	Pace Ana	llytical Service	s - Peachtre	e Corners, (ЭA				
Total Dissolved Solids	172	mg/L	25.0	10.0	1		09/07/22 14:10		H1
300.0 IC Anions 28 Days	Analytica	Method: EPA	300.0 Rev 2	2.1 1993					
	Pace Ana	lytical Service	s - Asheville						
Chloride	2.7	mg/L	1.0	0.60	1		09/07/22 15:22	16887-00-6	
Fluoride	0.058J	mg/L	0.10	0.050	1		09/07/22 15:22		
Sulfate	1.7	mg/L	1.0	0.50	1		09/07/22 15:22		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-25	Lab ID:	92622406012	Collecte	ed: 08/24/22	2 15:45	Received: 08/	25/22 14:47	Matrix: Water	
			Report						
Parameters	Results -	Units	Limit	MDL_	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	- Charlotte	;					
Performed by	Customer				1		08/26/22 09:3	36	
pH	7.10	Std. Units			1		08/26/22 09:3	36	
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	thod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	3A				
Calcium	87.6	mg/L	1.0	0.12	1	09/21/22 17:50	09/22/22 18:3	32 7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	3A				
Antimony	ND	mg/L	0.0030	0.00078	1	09/21/22 17:50	09/22/22 17:0	3 7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/21/22 17:50	09/22/22 17:0	3 7440-38-2	
Barium	0.10	mg/L	0.0050	0.00067	1	09/21/22 17:50	09/22/22 17:0	3 7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	09/21/22 17:50	09/22/22 17:0	3 7440-41-7	
Boron	0.19	mg/L	0.040	0.0086	1	09/21/22 17:50	09/22/22 17:0	3 7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/21/22 17:50	09/22/22 17:0	3 7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	09/21/22 17:50			
Cobalt	0.0016J	mg/L	0.0050	0.00039	1	09/21/22 17:50			
Lead	ND	mg/L	0.0010	0.00089	1	09/21/22 17:50			
Lithium	0.0073J	mg/L	0.030	0.00073	1	09/21/22 17:50	09/22/22 17:0	3 7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/21/22 17:50			
Selenium	ND	mg/L	0.0050	0.0014	1	09/21/22 17:50			
Thallium	0.00048J	mg/L	0.0010	0.00018	1	09/21/22 17:50			
7470 Mercury	Analytical	Method: EPA 7	7470A Pre	paration Met	hod: EF	PA 7470A			
•	-	lytical Services							
Mercury	0.00018J	mg/L	0.00020	0.00013	1	09/21/22 11:00	09/22/22 08:4	13 7439-97-6	H1
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Ana	lytical Services	- Peachtre	e Corners, C	3A				
Total Dissolved Solids	286	mg/L	25.0	10.0	1		09/07/22 14:	10	H1
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	300.0 Rev 2	2.1 1993					
	Pace Ana	lytical Services	- Asheville						
Chloride	1.8	mg/L	1.0	0.60	1		09/07/22 16:3	32 16887-00-6	
Fluoride	0.15	mg/L	0.10	0.050	1			32 16984-48-8	
Sulfate	35.7	mg/L	1.0	0.50	1			32 14808-79-8	



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-19	Lab ID:	92622406020	Collecte	ed: 08/25/22	2 10:28	Received: 08/	/26/22 10:00 N	fatrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	- Charlotte)					
Performed by	Customer				1		08/26/22 17:04	4	
рН	6.67	Std. Units			1		08/26/22 17:04		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	hod: Ef	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	SA.				
Calcium	156	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:34	4 7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	SA.				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 22:49	9 7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47			
Barium	0.046	mg/L	0.0050	0.00067	1	09/12/22 10:47			
Beryllium	ND	mg/L	0.00050	0.000054	1	09/12/22 10:47			
Boron	0.58	mg/L	0.040	0.0086	1	09/12/22 10:47			
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 10:47	09/12/22 22:49	9 7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	09/12/22 10:47			
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 10:47	09/12/22 22:49	9 7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 22:49	9 7439-92-1	
Lithium	0.012J	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 22:49	9 7439-93-2	
Molybdenum	0.0017J	mg/L	0.010	0.00074	1	09/12/22 10:47	09/12/22 22:49	9 7439-98-7	
Selenium	0.0019J	mg/L	0.0050	0.0014	1	09/12/22 10:47	09/12/22 22:49	9 7782-49-2	
Thallium	0.00053J	mg/L	0.0010	0.00018	1	09/12/22 10:47			
7470 Mercury	Analytical	Method: EPA 7	470A Prej	paration Met	hod: EF	PA 7470A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	βA				
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:1	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Ana	lytical Services	- Peachtre	e Corners, C	SA.				
Total Dissolved Solids	528	mg/L	50.0	20.0	1		08/30/22 15:42	2	
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	2.1 1993					
	Pace Ana	lytical Services	- Asheville						
Chloride	4.6	mg/L	1.0	0.60	1		09/07/22 20:10	6 16887-00-6	
Fluoride	0.086J	mg/L	0.10	0.050	1		09/07/22 20:10		
Sulfate	84.4	mg/L	1.0	0.50	1		09/07/22 20:10		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-16	Lab ID:	92622406021	Collecte	ed: 08/25/2	2 12:12	Received: 08/	26/22 10:00 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical Pace Ana	Method: lytical Services	- Charlotte	.					
Performed by	Customer				1		08/26/22 17:04		
Н	7.14	Std. Units			1		08/26/22 17:04		
6010D ATL ICP	Analytical	Method: EPA 6	6010D Pre	paration Me	thod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, (βA				
Calcium	92.0	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:39	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	6020B Pre	paration Met	hod: EF	PA 3005A			
	•	lytical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:07	7440-36-0	
Arsenic	ND ND	mg/L	0.0050	0.00078	1		09/12/22 23:07		
Barium	0.035	mg/L	0.0050	0.00067	1		09/12/22 23:07		
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 23:07		
Boron	0.24	mg/L	0.20	0.043	5		09/15/22 13:37		
Cadmium	ND	mg/L	0.00050	0.00011	1		09/12/22 23:07		
Chromium	0.0012J	mg/L	0.0050	0.0011	1		09/12/22 23:07		
Cobalt	ND	mg/L	0.0050	0.00039	1		09/12/22 23:07		
_ead	ND	mg/L	0.0010	0.00089	1		09/12/22 23:07		
Lithium	ND	mg/L	0.030	0.00073	1		09/12/22 23:07		
Molybdenum	ND	mg/L	0.010	0.00074	1		09/12/22 23:07		
Selenium	ND	mg/L	0.0050	0.0014	1		09/12/22 23:07		
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 23:07	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	7470A Prei	paration Met	hod: EF	PA 7470A			
,	•	lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:14	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Ana	lytical Services	- Peachtre	e Corners, 0	ЭΑ				
Total Dissolved Solids	90.0	mg/L	25.0	10.0	1		08/30/22 15:42		
300.0 IC Anions 28 Days	•	Method: EPA 3							
Chloride	6.3	mg/L	1.0	0.60	1		09/07/22 20:30	16887-00-6	
Fluoride	0.058J	mg/L	0.10	0.050	1		09/07/22 20:30		
Sulfate	38.7	mg/L	1.0	0.50	1		09/07/22 20:30		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-15	Lab ID:	92622406022	Collecte	d: 08/25/2	2 14:08	Received: 08/	26/22 10:00 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	- Charlotte						
Performed by	Customer				1		08/26/22 17:04		
pH	7.15	Std. Units			1		08/26/22 17:04		
COLOR ATL ICR	Analytical	Method: EPA 6	010D Bros	ocration Ma	had: El	DA 2010A			
6010D ATL ICP	•	lytical Services				A 3010A			
		•		•					
Calcium	96.7	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:44	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	paration Met	hod: EF	PA 3005A			
	•	lytical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:13	7440-36-0	
Arsenic	ND ND	mg/L	0.0050	0.00078	1		09/12/22 23:13		
Barium	0.057	mg/L	0.0050	0.00067	1		09/12/22 23:13		
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 23:13		
Boron	0.21	mg/L	0.20	0.043	5		09/15/22 13:43		
Cadmium	ND	mg/L	0.00050	0.00011	1		09/12/22 23:13		
Chromium	ND	mg/L	0.0050	0.0011	1		09/12/22 23:13		
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 10:47	09/12/22 23:13	7440-48-4	
_ead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 23:13	7439-92-1	
Lithium	0.0012J	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 23:13	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/12/22 10:47	09/12/22 23:13	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	09/12/22 10:47	09/12/22 23:13	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 23:13	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Pren	naration Met	hod: FF	Α 7470Δ			
1470 Merodry	•	lytical Services				717 17 071			
				•		00/40/00 45 00	00/40/00 00 47	7400 07 0	
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:17	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Ana	lytical Services	- Peachtre	e Corners, 0	βA				
Total Dissolved Solids	319	mg/L	25.0	10.0	1		08/30/22 15:42		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	.1 1993					
	•	lytical Services							
Chloride	6.4	mg/L	1.0	0.60	1		09/07/22 20:44	16887 00 6	
Fluoride	0.4 0.074J	mg/L	0.10	0.050	1		09/07/22 20:44		
Sulfate	75.5	mg/L	1.0	0.050	1		09/07/22 20:44		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: FD-02	Lab ID:	92622406023	Collecte	ed: 08/25/22	2 00:00	Received: 08/	26/22 10:00 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Date	Analytical	Mathadi					, .		
Field Data	Analytical Pace Ana	lytical Services	- Charlotte						
Performed by	Customer				1		08/26/22 17:04		
ЭН	6.76	Std. Units			1		08/26/22 17:04		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	thod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	ЭΑ				
Calcium	147	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:49	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	ЭΑ				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:19	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47			
Barium	0.025	mg/L	0.0050	0.00067	1	09/12/22 10:47	09/12/22 23:19	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 23:19		
Boron	0.38	mg/L	0.20	0.043	5	09/12/22 10:47	09/15/22 13:49	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 10:47	09/12/22 23:19	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1		09/12/22 23:19		
Cobalt	ND	mg/L	0.0050	0.00039	1		09/12/22 23:19		
_ead	ND	mg/L	0.0010	0.00089	1		09/12/22 23:19		
Lithium	0.0033J	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 23:19	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1		09/12/22 23:19		
Selenium	ND	mg/L	0.0050	0.0014	1		09/12/22 23:19		
Thallium	ND	mg/L	0.0010	0.00018	1		09/12/22 23:19		
7470 Mercury	Analytical	Method: EPA 7	470A Prei	paration Met	hod: EF	PA 7470A			
,	•	lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:19	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Ana	lytical Services	- Peachtre	e Corners, C	βA				
Total Dissolved Solids	432	mg/L	50.0	20.0	1		08/30/22 15:42		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	300.0 Rev 2	2.1 1993					
	Pace Ana	lytical Services	- Asheville						
Chloride	4.6	mg/L	1.0	0.60	1		09/07/22 20:58	16887-00-6	
Fluoride	0.054J	mg/L	0.10	0.050	1		09/07/22 20:58		
Sulfate	95.6	mg/L	1.0	0.50	1		09/07/22 20:58		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-18	Lab ID:	92622406013	Collecte	d: 08/25/22	2 10:35	Received: 08/	26/22 10:00 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical Pace Ana	Method: lytical Services	- Charlotte						
Performed by	Customer				1		08/26/22 17:05		
рН	6.76	Std. Units			1		08/26/22 17:05		
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	aration Met	thod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtree	e Corners, C	3A				
Calcium	141	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:53	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	aration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtree	e Corners, C	3A				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:25	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47	09/12/22 23:25		
Barium	0.026	mg/L	0.0050	0.00067	1		09/12/22 23:25		
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 23:25		
Boron	0.39	mg/L	0.20	0.043	5	09/12/22 10:47	09/15/22 13:55	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 10:47	09/12/22 23:25	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1		09/12/22 23:25		
Cobalt	ND	mg/L	0.0050	0.00039	1		09/12/22 23:25		
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 23:25	7439-92-1	
Lithium	0.0033J	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 23:25	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1		09/12/22 23:25		
Selenium	ND	mg/L	0.0050	0.0014	1		09/12/22 23:25		
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 23:25	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	'470A Prep	aration Met	hod: EF	PA 7470A			
-	Pace Ana	lytical Services	- Peachtree	e Corners, C	βA				
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:22	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Ana	lytical Services	- Peachtree	e Corners, C	3A				
Total Dissolved Solids	446	mg/L	50.0	20.0	1		08/30/22 15:42		
300.0 IC Anions 28 Days	•	Method: EPA 3 lytical Services		.1 1993					
Chloride	4.6	mg/L	1.0	0.60	1		09/07/22 21:12	16887-00-6	
Fluoride	0.052J	mg/L	0.10	0.050	1		09/07/22 21:12		
Sulfate	96.3	mg/L	1.0	0.50	1		09/07/22 21:12		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-17	Lab ID:	92622406014	Collecte	d: 08/25/22	2 12:10	Received: 08/	/26/22 10:00 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical Pace Ana	Method: lytical Services	- Charlotte						
Performed by	Customer				1		08/26/22 17:05		
ρΗ	7.05	Std. Units			1		08/26/22 17:05		
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	paration Me	thod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, 0	GΑ				
Calcium	99.5	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 16:58	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	aration Met	thod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, 0	GΑ				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:31	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47			
Barium	0.061	mg/L	0.0050	0.00067	1	09/12/22 10:47	09/12/22 23:31	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 23:31		
Boron	0.19J	mg/L	0.20	0.043	5	09/12/22 10:47	09/15/22 14:01	7440-42-8	D3
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 10:47	09/12/22 23:31	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1		09/12/22 23:31		
Cobalt	ND	mg/L	0.0050	0.00039	1		09/12/22 23:31		
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 23:31	7439-92-1	
Lithium	0.0018J	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 23:31	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1		09/12/22 23:31		
Selenium	ND	mg/L	0.0050	0.0014	1		09/12/22 23:31		
Thallium	0.00037J	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 23:31	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Prec	aration Met	thod: EF	PA 7470A			
,,	-	lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:25	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	•	lytical Services		e Corners, 0	GΑ				
Total Dissolved Solids	321	mg/L	25.0	10.0	1		08/30/22 15:43		
300.0 IC Anions 28 Days	-	Method: EPA 3 lytical Services		.1 1993					
Chloride	3.9	mg/L	1.0	0.60	1		09/07/22 21:26	16887-00-6	
Fluoride	0.078J	mg/L	0.10	0.050	1		09/07/22 21:26		
Sulfate	62.7	mg/L	1.0	0.50	1		09/07/22 21:26		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-23A	Lab ID:	92622406015	Collecte	ed: 08/25/22	2 16:08	Received: 08/	26/22 10:00 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	s - Charlotte	;					
Performed by	Customer				1		08/26/22 17:05		
pH	6.76	Std. Units			1		08/26/22 17:05		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Ana	lytical Services	s - Peachtre	e Corners, C	βA				
Calcium	145	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 17:03	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	s - Peachtre	e Corners, C	βA				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:37	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47	09/12/22 23:37	7440-38-2	
Barium	0.036	mg/L	0.0050	0.00067	1	09/12/22 10:47	09/12/22 23:37	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	09/12/22 10:47	09/12/22 23:37	7440-41-7	
Boron	0.17J	mg/L	0.20	0.043	5	09/12/22 10:47	09/15/22 14:07	7440-42-8	D3
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 10:47	09/12/22 23:37	7440-43-9	
Chromium	0.0022J	mg/L	0.0050	0.0011	1	09/12/22 10:47	09/12/22 23:37	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 10:47	09/12/22 23:37	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 23:37	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 23:37	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/12/22 10:47	09/12/22 23:37	7439-98-7	
Selenium	0.0023J	mg/L	0.0050	0.0014	1	09/12/22 10:47	09/12/22 23:37	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 23:37	7440-28-0	
7470 Mercury	Analytical	Method: EPA	7470A Pre	paration Met	hod: EF	PA 7470A			
•	Pace Ana	lytical Services	s - Peachtre	e Corners, C	βA				
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:27	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Ana	lytical Services	s - Peachtre	e Corners, C	θA				
Total Dissolved Solids	437	mg/L	25.0	10.0	1		08/30/22 15:43		
300.0 IC Anions 28 Days	Analytical	Method: EPA	300.0 Rev 2	2.1 1993					
	Pace Ana	lytical Services	s - Asheville						
Chloride	3.2	mg/L	1.0	0.60	1		09/07/22 22:08	16887-00-6	
Fluoride	0.074J	mg/L	0.10	0.050	1		09/07/22 22:08	16984-48-8	
Sulfate	45.6	mg/L	1.0	0.50	1		09/07/22 22:08	14808-79-8	



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-7D	Lab ID:	92622406016	Collecte	d: 08/25/22	2 14:10	Received: 08/	26/22 10:00 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
. aramotoro									
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	- Charlotte						
Performed by	Customer				1		08/26/22 17:05		
pΗ	6.98	Std. Units			1		08/26/22 17:05		
6010D ATL ICP	Apolytical	Method: EPA 6	:010D Pror	aration Mot	hod: EE	0Λ 2010Λ			
00 IUD AIL ICP	•	lytical Services				A 30 10A			
		•		•					
Calcium	107	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 17:08	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	aration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	βA				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:43	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 10:47			
Barium	0.0058	mg/L	0.0050	0.00067	1		09/12/22 23:43		
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 23:43		
Boron	0.20	mg/L	0.20	0.043	5	09/12/22 10:47	09/15/22 14:13	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 10:47	09/12/22 23:43	7440-43-9	
Chromium	0.0024J	mg/L	0.0050	0.0011	1	09/12/22 10:47	09/12/22 23:43	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 10:47	09/12/22 23:43	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 10:47	09/12/22 23:43	7439-92-1	
Lithium	0.0030J	mg/L	0.030	0.00073	1	09/12/22 10:47	09/12/22 23:43	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	09/12/22 10:47	09/12/22 23:43	7439-98-7	
Selenium	0.0017J	mg/L	0.0050	0.0014	1	09/12/22 10:47	09/12/22 23:43	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 10:47	09/12/22 23:43	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Pren	aration Met	hod: EF	'A 7470A			
,,,	•	lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:30	7439-97-6	
2540C Total Dissolved Solids	Apolytical	Method: SM 25	540C 2015						
2540C Total Dissolved Solids	•			o Cornoro (٠,				
		lytical Services							
Total Dissolved Solids	325	mg/L	25.0	10.0	1		08/30/22 15:43		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	.1 1993					
	Pace Ana	lytical Services	- Asheville						
Chloride	4.1	mg/L	1.0	0.60	1		09/07/22 22:50	16887-00-6	
Fluoride	0.056J	mg/L	0.10	0.050	1		09/07/22 22:50		
Sulfate	47.3	mg/L	1.0	0.50	1		09/07/22 22:50		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-14	Lab ID:	92622406017	Collecte	d: 08/25/22	2 16:00	Received: 08/	/26/22 10:00 Ma	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical Pace Ana	Method: lytical Services	- Charlotte						
Performed by	Customer				1		08/26/22 17:05		
Н	6.93	Std. Units			1		08/26/22 17:05		
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	paration Met	hod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	βA				
Calcium	108	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 17:12	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prec	paration Met	hod: EF	PA 3005A			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	•	lytical Services	•						
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 10:47	09/12/22 23:49	7440-36-0	
Arsenic	ND ND	mg/L	0.0050	0.00076	1	09/12/22 10:47			
Barium	0.011	mg/L	0.0050	0.00067	1		09/12/22 23:49		
Beryllium	ND	mg/L	0.00050	0.000054	1		09/12/22 23:49		
Boron	0.032J	mg/L	0.040	0.0086	1		10/11/22 13:07		
Cadmium	ND	mg/L	0.00050	0.00011	1		09/12/22 23:49		
Chromium	0.0014J	mg/L	0.0050	0.0011	1		09/12/22 23:49		
Cobalt	ND	mg/L	0.0050	0.00039	1		09/12/22 23:49		
_ead	ND	mg/L	0.0010	0.00089	1		09/12/22 23:49		
Lithium	ND	mg/L	0.030	0.00073	1		09/12/22 23:49		
Molybdenum	ND	mg/L	0.010	0.00074	1		09/12/22 23:49		
Selenium	ND	mg/L	0.0050	0.0014	1		09/12/22 23:49		
Γhallium	ND	mg/L	0.0010	0.00018	1		09/12/22 23:49		
7470 Mercury	Analytical	Method: EPA 7	470A Prep	aration Met	hod: EF	'A 7470A			
,	•	lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:32	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	•	lytical Services		e Corners, C	βA				
Total Dissolved Solids	259	mg/L	25.0	10.0	1		08/30/22 15:47		
300.0 IC Anions 28 Days	•	Method: EPA 3 lytical Services		.1 1993					
Chloride	4.6	mg/L	1.0	0.60	1		09/07/22 23:32	16887-00-6	
Fluoride	0.051J	mg/L	0.10	0.050	1		09/07/22 23:32		
Sulfate	10.7	mg/L	1.0	0.50	1		09/07/22 23:32		



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: EB-01	Lab ID:	92622406018	3 Collecte	ed: 08/26/2	2 09:15	Received: 08/	27/22 11:15 Ma	atrix: Water			
Demonstrat	Danilla	11-9-	Report	MDI	D.E.	Decreed	A I I	040 N-	0		
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Me	thod: El	PA 3010A					
	Pace Analy	ytical Services	s - Peachtre	e Corners, 0	GA						
Calcium	ND	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 17:17	7440-70-2			
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Me	thod: Ef	PA 3005A					
	Pace Analy	Pace Analytical Services - Peachtree Corners, GA									
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 18:08	09/13/22 18:45	7440-36-0			
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 18:08	09/13/22 18:45	7440-38-2			
Barium	ND	mg/L	0.0050	0.00067	1	09/12/22 18:08	09/13/22 18:45	7440-39-3			
Beryllium	ND	mg/L	0.00050	0.000054	1	09/12/22 18:08	09/13/22 18:45	7440-41-7			
Boron	0.0091J	mg/L	0.040	0.0086	1	09/12/22 18:08	09/13/22 18:45	7440-42-8			
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 18:08	09/13/22 18:45	7440-43-9			
Chromium	ND	mg/L	0.0050	0.0011	1	09/12/22 18:08	09/13/22 18:45	7440-47-3			
Cobalt	ND	mg/L	0.0050	0.00039	1	09/12/22 18:08	09/13/22 18:45	7440-48-4			
Lead	ND	mg/L	0.0010	0.00089	1	09/12/22 18:08	09/13/22 18:45	7439-92-1			
Lithium	ND	mg/L	0.030	0.00073	1	09/12/22 18:08	09/13/22 18:45	7439-93-2			
Molybdenum	ND	mg/L	0.010	0.00074	1	09/12/22 18:08	09/13/22 18:45	7439-98-7			
Selenium	ND	mg/L	0.0050	0.0014	1	09/12/22 18:08	09/13/22 18:45	7782-49-2			
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 18:08	09/13/22 18:45	7440-28-0			
7470 Mercury	Analytical	Method: EPA	7470A Prej	paration Met	thod: EF	PA 7470A					
·	Pace Analy	ytical Services	s - Peachtre	e Corners, 0	GA						
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:40	7439-97-6			
2540C Total Dissolved Solids	Analytical	Method: SM 2	2540C-2015								
	•	ytical Services			GA						
Total Dissolved Solids	ND	mg/L	25.0	10.0	1		08/31/22 12:44				
300.0 IC Anions 28 Days	Analytical	Method: EPA	300.0 Rev 2	2.1 1993							
-	Pace Analy	ytical Services	s - Asheville								
Chloride	ND	mg/L	1.0	0.60	1		09/07/22 23:46	16887-00-6			
Fluoride	ND	mg/L	0.10	0.050	1		09/07/22 23:46	16984-48-8			
Sulfate	ND	mg/L	1.0	0.50	1		09/07/22 23:46	14808-79-8			



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Sample: PZ-57	Lab ID:	92622406019	Collecte	ed: 08/26/22	2 11:20	Received: 08/	27/22 11:15 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Anal	ytical Services	- Charlotte						
Performed by	Customer				1		08/29/22 11:09		
pH	7.09	Std. Units			1		08/29/22 11:09		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	hod: Ef	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	S A				
Calcium	95.5	mg/L	1.0	0.12	1	09/12/22 10:47	09/12/22 18:15	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	S A				
Antimony	ND	mg/L	0.0030	0.00078	1	09/12/22 18:08	09/13/22 18:51	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	09/12/22 18:08	09/13/22 18:51	7440-38-2	
Barium	0.064	mg/L	0.0050	0.00067	1	09/12/22 18:08	09/13/22 18:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	09/12/22 18:08	09/13/22 18:51	7440-41-7	
Boron	0.18	mg/L	0.040	0.0086	1	09/12/22 18:08	09/13/22 18:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	09/12/22 18:08	09/13/22 18:51	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	09/12/22 18:08	09/13/22 18:51		
Cobalt	0.0012J	mg/L	0.0050	0.00039	1	09/12/22 18:08	09/13/22 18:51		
Lead	ND	mg/L	0.0010	0.00089	1		09/13/22 18:51		
_ithium	0.0013J	mg/L	0.030	0.00073	1	09/12/22 18:08	09/13/22 18:51		
Molybdenum	ND	mg/L	0.010	0.00074	1	09/12/22 18:08			
Selenium	ND	mg/L	0.0050	0.0014	1	09/12/22 18:08	09/13/22 18:51		
Thallium	ND	mg/L	0.0010	0.00018	1	09/12/22 18:08	09/13/22 18:51	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Pre	paration Met	hod: EF	PA 7470A			
•	-	ytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	09/12/22 15:30	09/13/22 09:43	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, C	SA.				
Total Dissolved Solids	358	mg/L	25.0	10.0	1		08/31/22 12:44		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	300.0 Rev 2	2.1 1993					
	Pace Anal	ytical Services	- Asheville						
Chloride	2.4	mg/L	1.0	0.60	1		09/08/22 00:00	16887-00-6	
Fluoride	0.083J	mg/L	0.10	0.050	1		09/08/22 00:00	16984-48-8	
Sulfate	87.2	mg/L	1.0	0.50	1		09/08/22 00:00	14808-79-8	



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 721529 Analysis Method: **EPA 6010D** QC Batch Method: **EPA 3010A** Analysis Description: 6010D ATL

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406001

METHOD BLANK: 3759360 Matrix: Water

Associated Lab Samples: 92622406001

Blank Reporting MDL Qualifiers Parameter Units Result Limit Analyzed

Calcium ND 1.0 0.12 09/07/22 16:39 mg/L

LABORATORY CONTROL SAMPLE: 3759361

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Calcium mg/L 1.1 109 80-120

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3759362 3759363

MSD MS

92623057001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Conc. Result Result % Rec % Rec **RPD** RPD Qual Result Limits 183000 20 M1 Calcium mg/L 178 178 -461 -474 75-125 ug/L

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.



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Calcium

Date: 10/17/2022 08:08 AM

QC Batch: 722653 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D ATL

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015, 92622406016,

92622406017, 92622406018, 92622406019, 92622406020, 92622406021, 92622406022, 92622406023

METHOD BLANK: 3765178 Matrix: Water

Associated Lab Samples: 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015, 92622406016,

92622406017, 92622406018, 92622406019, 92622406020, 92622406021, 92622406022, 92622406023

Blank Reporting

 Parameter
 Units
 Result
 Limit
 MDL
 Analyzed
 Qualifiers

 Calcium
 mg/L
 ND
 1.0
 0.12
 09/12/22 15:31

LABORATORY CONTROL SAMPLE: 3765179

LCS LCS % Rec Spike Limits Qualifiers Parameter Units Conc. Result % Rec Calcium mg/L 1.1 106 80-120

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3765180 3765181

MS MSD

92622406002 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits RPD RPD Qual 2 20 M1 46.4 1 48.9 49.9 249 352 75-125 mg/L

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.



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 724852 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D ATL

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406009, 92622406010, 92622406011, 92622406012

METHOD BLANK: 3776437 Matrix: Water
Associated Lab Samples: 92622406009, 92622406010, 92622406011, 92622406012

Blank Reporting

Parameter Units Result Limit MDL Analyzed Qualifiers

Calcium mg/L ND 1.0 0.12 09/22/22 17:49

LABORATORY CONTROL SAMPLE: 3776438

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Calcium 0.97J 97 80-120 mg/L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3776441 3776442

MS MSD

92622406011 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Result Result % Rec % Rec **RPD** RPD Qual Result Conc. Limits 20 M1 Calcium mg/L 67.1 68.1 69.3 100 212 75-125

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.



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 722656 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406001, 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015,

92622406016, 92622406017, 92622406020, 92622406021, 92622406022, 92622406023

METHOD BLANK: 3765186 Matrix: Water

Associated Lab Samples: 92622406001, 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015,

92622406016, 92622406017, 92622406020, 92622406021, 92622406022, 92622406023

		Blank	Reporting			
Parameter	Units	Result	Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	09/12/22 21:56	
Arsenic	mg/L	0.0023J	0.0050	0.0022	09/12/22 21:56	
Barium	mg/L	ND	0.0050	0.00067	09/12/22 21:56	
Beryllium	mg/L	ND	0.00050	0.000054	09/12/22 21:56	
Boron	mg/L	ND	0.040	0.0086	09/12/22 21:56	
Cadmium	mg/L	ND	0.00050	0.00011	09/12/22 21:56	
Chromium	mg/L	ND	0.0050	0.0011	09/12/22 21:56	
Cobalt	mg/L	ND	0.0050	0.00039	09/12/22 21:56	
Lead	mg/L	ND	0.0010	0.00089	09/12/22 21:56	
Lithium	mg/L	ND	0.030	0.00073	09/12/22 21:56	
Molybdenum	mg/L	ND	0.010	0.00074	09/12/22 21:56	
Selenium	mg/L	ND	0.0050	0.0014	09/12/22 21:56	
Thallium	mg/L	ND	0.0010	0.00018	09/12/22 21:56	

LABORATORY CONTROL S	SAMPLE:	3765187										
5			Spike	LC		LCS	% R					
Parameter		Units	Conc.	Res	sult ————	% Rec	Lim	its (Qualifiers			
Antimony		mg/L	0.	1	0.11	106	6	80-120				
Arsenic		mg/L	0.	1	0.10	104	1	80-120				
Barium		mg/L	0.	1	0.10	101	l i	80-120				
Beryllium		mg/L	0.	1	0.10	103	3	80-120				
Boron		mg/L		1	1.0	103	3	80-120				
Cadmium		mg/L	0.	1	0.10	104	1	80-120				
Chromium		mg/L	0.	1	0.11	107	7	80-120				
Cobalt		mg/L	0.	1	0.10	101	l i	80-120				
Lead		mg/L	0.	1	0.10	101	l i	80-120				
Lithium		mg/L	0.	1	0.11	105	5	80-120				
Molybdenum		mg/L	0.	1	0.10	103	3	80-120				
Selenium		mg/L	0.	1	0.10	100)	80-120				
Thallium		mg/L	0.	1	0.10	105	5	80-120				
MATRIX SPIKE & MATRIX S	SPIKE DUPL	ICATE: 3765		MOD	3765189)						
		00000400000	MS	MSD	MC	MCD	MC	MCD	0/ D		N.4	
Parameter	Units	92622406003 Result	Spike Conc.	Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qua
Antimony	 mg/L	 ND	0.1	0.1	0.10	0.11	103	109	75-125		20	

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

MATRIX SPIKE & MATRIX	SPIKE DUPLI	CATE: 3765	188		3765189							
Parameter	Units	92622406003 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 ND	0.1	0.1	0.10	0.10	100	102	75-125	2	20	
Barium	mg/L	0.0063	0.1	0.1	0.10	0.11	97	104	75-125	6	20	
Beryllium	mg/L	ND	0.1	0.1	0.094	0.097	94	97	75-125	4	20	
Boron	mg/L	ND	1	1	0.91	0.96	91	95	75-125	5	20	
Cadmium	mg/L	ND	0.1	0.1	0.099	0.10	98	103	75-125	4	20	
Chromium	mg/L	0.0015J	0.1	0.1	0.096	0.097	95	96	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.097	0.099	97	99	75-125	1	20	
Lithium	mg/L	ND	0.1	0.1	0.098	0.10	97	102	75-125	5	20	
Molybdenum	mg/L	ND	0.1	0.1	0.10	0.10	100	104	75-125	4	20	
Selenium	mg/L	ND	0.1	0.1	0.099	0.10	99	102	75-125	3	20	
Thallium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	0	20	

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 722711 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406018, 92622406019

METHOD BLANK: 3765581 Matrix: Water

Associated Lab Samples: 92622406018, 92622406019

·		Blank	Reporting			
Parameter	Units	Result	Limit	MDL	Analyzed	Qualifiers
Antimony	 mg/L	0.00086J	0.0030	0.00078	09/13/22 18:33	
Arsenic	mg/L	ND	0.0050	0.0022	09/13/22 18:33	
Barium	mg/L	ND	0.0050	0.00067	09/13/22 18:33	
Beryllium	mg/L	ND	0.00050	0.000054	09/13/22 18:33	
Boron	mg/L	ND	0.040	0.0086	09/13/22 18:33	
Cadmium	mg/L	ND	0.00050	0.00011	09/13/22 18:33	
Chromium	mg/L	ND	0.0050	0.0011	09/13/22 18:33	
Cobalt	mg/L	ND	0.0050	0.00039	09/13/22 18:33	
Lead	mg/L	ND	0.0010	0.00089	09/13/22 18:33	
Lithium	mg/L	ND	0.030	0.00073	09/13/22 18:33	
Molybdenum	mg/L	ND	0.010	0.00074	09/13/22 18:33	
Selenium	mg/L	ND	0.0050	0.0014	09/13/22 18:33	
Thallium	mg/L	ND	0.0010	0.00018	09/13/22 18:33	

LABORATORY CONTROL SAMPLE:	3765582	0 "			o. 5	
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Antimony	mg/L	0.1	0.11	111	80-120	
Arsenic	mg/L	0.1	0.10	101	80-120	
Barium	mg/L	0.1	0.10	103	80-120	
Beryllium	mg/L	0.1	0.099	99	80-120	
Boron	mg/L	1	0.99	99	80-120	
Cadmium	mg/L	0.1	0.10	100	80-120	
Chromium	mg/L	0.1	0.10	101	80-120	
Cobalt	mg/L	0.1	0.099	99	80-120	
Lead	mg/L	0.1	0.098	98	80-120	
Lithium	mg/L	0.1	0.098	98	80-120	
Molybdenum	mg/L	0.1	0.11	106	80-120	
Selenium	mg/L	0.1	0.096	96	80-120	
Thallium	mg/L	0.1	0.095	95	80-120	

MATRIX SPIKE & MATRIX S	PIKE DUPL	.ICATE: 3765	583		3765584							
		92622406019	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	111	109	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	101	101	75-125	0	20	

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

			MS	MSD								
	9	2622406019	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Barium	mg/L	0.064	0.1	0.1	0.17	0.17	108	103	75-125	3	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Boron	mg/L	0.18	1	1	1.2	1.2	101	99	75-125	2	20	
Cadmium	mg/L	ND	0.1	0.1	0.099	0.099	98	99	75-125	1	20	
Chromium	mg/L	ND	0.1	0.1	0.10	0.10	100	100	75-125	1	20	
Cobalt	mg/L	0.0012J	0.1	0.1	0.099	0.099	98	97	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.096	94	96	75-125	2	20	
Lithium	mg/L	0.0013J	0.1	0.1	0.096	0.099	94	97	75-125	3	20	
Molybdenum	mg/L	ND	0.1	0.1	0.11	0.10	106	103	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.097	0.097	97	96	75-125	0	20	
Thallium	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20	

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 724857 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406009, 92622406010, 92622406011, 92622406012

METHOD BLANK: 3776475 Matrix: Water
Associated Lab Samples: 92622406009, 92622406010, 92622406011, 92622406012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
				IVIDL	Arialyzeu	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	09/22/22 16:16	
Arsenic	mg/L	ND	0.0050	0.0022	09/22/22 16:16	
Barium	mg/L	ND	0.0050	0.00067	09/22/22 16:16	
Beryllium	mg/L	ND	0.00050	0.000054	09/22/22 16:16	
Boron	mg/L	ND	0.040	0.0086	09/22/22 16:16	
Cadmium	mg/L	ND	0.00050	0.00011	09/22/22 16:16	
Chromium	mg/L	ND	0.0050	0.0011	09/22/22 16:16	
Cobalt	mg/L	ND	0.0050	0.00039	09/22/22 16:16	
Lead	mg/L	ND	0.0010	0.00089	09/22/22 16:16	
Lithium	mg/L	ND	0.030	0.00073	09/22/22 16:16	
Molybdenum	mg/L	ND	0.010	0.00074	09/22/22 16:16	
Selenium	mg/L	ND	0.0050	0.0014	09/22/22 16:16	
Thallium	mg/L	ND	0.0010	0.00018	09/22/22 16:16	

LABORATORY CONTROL SAMPLE:	3776476					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Antimony	mg/L	0.1	0.10	103	80-120	
Arsenic	mg/L	0.1	0.096	96	80-120	
Barium	mg/L	0.1	0.096	96	80-120	
Beryllium	mg/L	0.1	0.098	98	80-120	
Boron	mg/L	1	1.0	100	80-120	
Cadmium	mg/L	0.1	0.098	98	80-120	
Chromium	mg/L	0.1	0.098	98	80-120	
Cobalt	mg/L	0.1	0.097	97	80-120	
Lead	mg/L	0.1	0.097	97	80-120	
Lithium	mg/L	0.1	0.098	98	80-120	
Molybdenum	mg/L	0.1	0.10	100	80-120	
Selenium	mg/L	0.1	0.095	95	80-120	
Thallium	mg/L	0.1	0.097	97	80-120	

MATRIX SPIKE & MATRIX SF	PIKE DUPL	ICATE: 3776	477		3776478							
		92622406010	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Antimony	mg/L	0.0011J	0.1	0.1	0.10	0.10	99	104	75-125	5	20	
Arsenic	mg/L	ND	0.1	0.1	0.093	0.098	93	98	75-125	5	20	

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

MATRIX SPIKE & MATRIX	SPIKE DUPLIC	CATE: 3776	477		3776478							
Parameter	9 Units	2622406010 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	mg/L	0.010	0.1	0.1	0.10	0.11	89	96	75-125	6	20	
Beryllium	mg/L	ND	0.1	0.1	0.096	0.097	96	97	75-125	1	20	
Boron	mg/L	0.012J	1	1	1.0	1.0	100	103	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.094	0.095	94	95	75-125	1	20	
Chromium	mg/L	0.0066	0.1	0.1	0.10	0.10	96	96	75-125	0	20	
Cobalt	mg/L	ND	0.1	0.1	0.096	0.096	96	96	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.093	94	92	75-125	2	20	
Lithium	mg/L	0.0012J	0.1	0.1	0.096	0.098	95	97	75-125	2	20	
Molybdenum	mg/L	ND	0.1	0.1	0.099	0.099	99	99	75-125	0	20	
Selenium	mg/L	ND	0.1	0.1	0.093	0.095	93	95	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20	

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 729120 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406017

METHOD BLANK: 3797015 Matrix: Water

Associated Lab Samples: 92622406017

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Boron mg/L ND 0.040 0.0086 10/11/22 12:54

LABORATORY CONTROL SAMPLE: 3797016

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Boron mg/L 1.1 106 80-120

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3797017 3797018

MS MSD

92622406017 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Result Result % Rec % Rec **RPD** RPD Qual Result Conc. Limits 0.032J 0.99 20 Boron mg/L 1.0 95 98 75-125 3

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.



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 722636 Analysis Method: EPA 7470A

QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406001, 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015,

92622406016, 92622406017, 92622406018, 92622406019, 92622406020, 92622406021, 92622406022,

92622406023

METHOD BLANK: 3765117 Matrix: Water

Associated Lab Samples: 92622406001, 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015,

92622406016, 92622406017, 92622406018, 92622406019, 92622406020, 92622406021, 92622406022, 92622406023 Blank Reporting Qualifiers Parameter Units Result Limit MDL Analyzed Mercury ND 0.00020 0.00013 09/13/22 08:43 mg/L LABORATORY CONTROL SAMPLE: 3765118 Spike LCS LCS % Rec % Rec Parameter Units Conc. Result Limits Qualifiers Mercury mg/L 0.0025 0.0024 97 80-120 MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3765119 3765120 MS MSD 92622406001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual Mercury ND 0.0025 0.0025 0.0022 0.0023 89 91 75-125 2 20 mg/L

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.



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 724415 Analysis Method: EPA 7470A

QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406009, 92622406010, 92622406011

METHOD BLANK: 3774316 Matrix: Water

Associated Lab Samples: 92622406009, 92622406010, 92622406011

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Mercury mg/L ND 0.00020 0.00013 09/21/22 12:52

LABORATORY CONTROL SAMPLE: 3774317

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Mercury 0.0025 0.0026 102 80-120 mg/L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3774318 3774319

MS MSD

92623533008 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Conc. Result Result % Rec **RPD** RPD Qual Result % Rec Limits ND 0.0025 Mercury mg/L 0.0025 0.0024 0.0026 97 103 75-125 6 20

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Mercury

Date: 10/17/2022 08:08 AM

QC Batch: 724420 Analysis Method: EPA 7470A

QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406012

METHOD BLANK: 3774337 Matrix: Water

Associated Lab Samples: 92622406012

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Mercury mg/L ND 0.00020 0.00013 09/21/22 14:35

LABORATORY CONTROL SAMPLE: 3774338

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Mercury mg/L 0.0025 0.0027 109 80-120

0.0025

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3774339 3774340

mg/L

ND

MSD MS 92625866027 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Conc. Result Result % Rec % Rec **RPD** RPD Qual Result Limits

0.0023

0.0024

91

94

75-125

0.0025

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

20

3



Project: Mitchell 2022 2nd SA-Revised Report

92622406 Pace Project No.:

Total Dissolved Solids

Total Dissolved Solids

Date: 10/17/2022 08:08 AM

QC Batch: Analysis Method: SM 2540C-2015 720456

QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids

> Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406001, 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015,

92622406016, 92622406017, 92622406020, 92622406021, 92622406022, 92622406023

METHOD BLANK: 3754176 Matrix: Water

mg/L

mg/L

92622406001, 92622406002, 92622406003, 92622406004, 92622406013, 92622406014, 92622406015, Associated Lab Samples:

92622406016, 92622406017, 92622406020, 92622406021, 92622406022, 92622406023

Blank Reporting Units Limit MDL Qualifiers Parameter Result Analyzed mg/L **Total Dissolved Solids** ND 25.0 10.0 08/30/22 15:41 LABORATORY CONTROL SAMPLE: 3754177

LCS LCS % Rec Spike Parameter Units % Rec Limits Qualifiers Conc. Result **Total Dissolved Solids** mg/L 400 385 96 80-120

SAMPLE DUPLICATE: 3754178 92622406001 Dup Max **RPD RPD** Parameter Units Result Result Qualifiers 139 146 5 25

SAMPLE DUPLICATE: 3754179 92622406015 Dup Max RPD Parameter Units Result Result RPD Qualifiers

437

445

2

25

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

QC Batch: 720606 Analysis Method: SM 2540C-2015

QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406018, 92622406019

METHOD BLANK: 3754817 Matrix: Water

Associated Lab Samples: 92622406018, 92622406019

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Total Dissolved Solids mg/L ND 25.0 10.0 08/31/22 12:39

LABORATORY CONTROL SAMPLE: 3754818

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Total Dissolved Solids mg/L 400 384 96 80-120

SAMPLE DUPLICATE: 3754819

92622591001 Dup Max Parameter Units Result Result **RPD RPD** Qualifiers 65.0 **Total Dissolved Solids** mg/L 78.0 18 25

SAMPLE DUPLICATE: 3755118

Date: 10/17/2022 08:08 AM

92622993001 Dup Max RPD RPD Parameter Units Result Result Qualifiers Total Dissolved Solids 45.0 mg/L 51.0 12 25

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

QC Batch: 721840 Analysis Method: SM 2540C-2015

QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92622406009, 92622406010, 92622406011, 92622406012

METHOD BLANK: 3760948 Matrix: Water

Associated Lab Samples: 92622406009, 92622406010, 92622406011, 92622406012

Blank Reporting

Parameter Units Result Limit MDL Analyzed Qualifiers

Total Dissolved Solids mg/L ND 25.0 10.0 09/07/22 14:10

LABORATORY CONTROL SAMPLE: 3760949

Spike LCS LCS % Rec
Parameter Units Conc. Result % Rec Limits Qualifiers

Total Dissolved Solids mg/L 400 380 95 80-120

SAMPLE DUPLICATE: 3760951

Parameter Units Result Result RPD RPD Qualifiers

Total Dissolved Solids mg/L 218 216 1 10

SAMPLE DUPLICATE: 3780502

Date: 10/17/2022 08:08 AM

Parameter Units Result Result RPD RPD Qualifiers

Total Dissolved Solids mg/L ND ND 10 H1

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.



Project: Mitchell 2022 2nd SA-Revised Report

I ADODATORY CONTROL SAMPLE: 2757657

Date: 10/17/2022 08:08 AM

Pace Project No.: 92622406

QC Batch: 721131 Analysis Method: EPA 300.0 Rev 2.1 1993

QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92622406001, 92622406002, 92622406003, 92622406004, 92622406009, 92622406010

METHOD BLANK: 3757656 Matrix: Water

Associated Lab Samples: 92622406001, 92622406002, 92622406003, 92622406004, 92622406009, 92622406010

		Blank	Reporting			
Parameter	Units	Result	Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND ND	1.0	0.60	09/03/22 20:38	
Fluoride	mg/L	ND	0.10	0.050	09/03/22 20:38	
Sulfate	mg/L	ND	1.0	0.50	09/03/22 20:38	

LABORATORY CONTROL SAMPLE:	3/3/63/					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Chloride	mg/L	50	52.3	105	90-110	
Fluoride	mg/L	2.5	2.7	107	90-110	
Sulfate	mg/L	50	51.4	103	90-110	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3757	658		3757659							
			MS	MSD								
		92621182011	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	0.82J	50	50	49.4	50.1	97	99	90-110	1	10	
Fluoride	mg/L	0.15	2.5	2.5	2.6	2.6	98	99	90-110	1	10	
Sulfate	mg/L	3.3	50	50	51.4	52.3	96	98	90-110	2	10	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3757	660		3757661							
			MS	MSD								
		92621182021	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	6.2	50	50	55.1	55.4	98	98	90-110	0	10	
Fluoride	mg/L	0.12	2.5	2.5	2.5	2.6	97	98	90-110	1	10	
Sulfate	mg/L	0.84J	50	50	48.6	48.9	95	96	90-110	1	10	

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



Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

QC Batch: 721658 Analysis Method: EPA 300.0 Rev 2.1 1993

QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92622406011, 92622406012, 92622406013, 92622406014, 92622406015, 92622406020, 92622406021,

92622406022, 92622406023

METHOD BLANK: 3760016 Matrix: Water

Associated Lab Samples: 92622406011, 92622406012, 92622406013, 92622406014, 92622406015, 92622406020, 92622406021,

92622406022, 92622406023

		Blank	Reporting			
Parameter	Units	Result	Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	09/07/22 14:35	
Fluoride	mg/L	ND	0.10	0.050	09/07/22 14:35	
Sulfate	mg/L	ND	1.0	0.50	09/07/22 14:35	

LABORATORY CONTROL SAMPLE:	3760017					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Chloride	mg/L	50	49.0	98	90-110	
Fluoride	mg/L	2.5	2.7	108	90-110	
Sulfate	mg/L	50	49.8	100	90-110	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3760	018		3760019							
			MS	MSD								
		92622406011	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	2.7	50	50	55.5	55.2	105	105	90-110	0	10	
Fluoride	mg/L	0.058J	2.5	2.5	2.4	2.4	93	93	90-110	1	10	
Sulfate	mg/L	1.7	50	50	54.3	54.0	105	105	90-110	0	10	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3760	020		3760021							
			MS	MSD								
		92621445013	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	ND	50	50	53.0	52.7	106	105	90-110	1	10	_
Fluoride	mg/L	ND	2.5	2.5	2.5	2.5	100	100	90-110	0	10	
Sulfate	mg/L	ND	50	50	52.8	52.5	106	105	90-110	1	10	

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



Project: Mitchell 2022 2nd SA-Revised Report

LABORATORY CONTROL CAMPLE: 2760040

Date: 10/17/2022 08:08 AM

Pace Project No.: 92622406

QC Batch: 721661 Analysis Method: EPA 300.0 Rev 2.1 1993

QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92622406016, 92622406017, 92622406018, 92622406019

METHOD BLANK: 3760039 Matrix: Water

Associated Lab Samples: 92622406016, 92622406017, 92622406018, 92622406019

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND ND	1.0	0.60	09/07/22 22:22	
Fluoride	mg/L	ND	0.10	0.050	09/07/22 22:22	
Sulfate	mg/L	ND	1.0	0.50	09/07/22 22:22	

LABORATORT CONTROL SAMPLE.	3760040					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Chloride	mg/L	50	49.9	100	90-110	
Fluoride	mg/L	2.5	2.3	91	90-110	
Sulfate	mg/L	50	49.6	99	90-110	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3760	041		3760042							
			MS	MSD								
		92622406016	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	4.1	50	50	57.1	56.7	106	105	90-110	1	10	
Fluoride	mg/L	0.056J	2.5	2.5	2.4	2.4	93	93	90-110	0	10	
Sulfate	mg/L	47.3	50	50	98.1	99.8	101	105	90-110	2	10	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3760	043		3760044							
			MS	MSD								
		92623226003	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	7.9	50	50	61.5	61.2	107	107	90-110	1	10	
Fluoride	mg/L	ND	2.5	2.5	2.4	2.4	96	95	90-110	1	10	
Sulfate	mg/L	0.78J	50	50	54.0	53.6	106	106	90-110	1	10	

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



QUALIFIERS

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 10/17/2022 08:08 AM

D3 Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

H1 Analysis conducted outside the EPA method holding time.

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



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

2822406002 FD-01 2822406030 P2-31 2822406031 P2-30 2822406010 P2-20 2822406011 P2-32 2822406021 P2-19 2822406022 P2-16 2822406033 FD-02 2822406014 P2-17 2822406015 P2-23A 2822406016 P2-70 2822406017 P2-18 2822406018 P2-17 2822406019 P2-23A 2822406010 P2-23A 2822406011 P2-14 2822406011 P2-14 2822406012 P2-10 2822406013 P2-25 2822406010 P2-10 2822406011 P2-10 2822406002 FD-01 EPA 3010A 72258 2822406003 P2-31 EPA 3010A 72258 2822406004 P2-33 EPA 3010A 72258 2822406009 FB-01 EPA 3010A 724852 2822406000 P2-21 EPA 3010A	Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
RE22406001 P.2-33 P.2-31 P.2-35 P.3-25	2622406001	PZ-1D				
R822406010 P.2-33 R822406011 P.2-32 R822406012 P.2-25 R822406013 P.2-19 R822406021 P.2-16 R822406023 F.D-02 R822406033 F.D-02 R822406014 P.2-17 R822406015 P.2-23A R822406016 P.2-7D R822406017 P.2-14 R822406019 P.2-57 R822406001 P.2-1D EPA 3010A 721529 EPA 6010D 721846 R822406001 P.2-1D EPA 3010A 722585 EPA 6010D 722708 R822406001 P.2-1D EPA 3010A 722585 EPA 6010D 722708 R822406002 F.D-01 EPA 3010A 722585 EPA 6010D 722708 R822406003 P.2-31 EPA 3010A 722653 EPA 6010D 722708 R822406004 P.2-33 EPA 3010A 724852 EPA 6010D 724979 R822406010 P.2-22 EPA 3010A 724852 EPA 6010D 72	2622406002					
2822406011 P.2-2D 2822406012 P.2-25 2822406011 P.2-16 2822406012 P.2-16 2822406013 P.2-16 2822406013 P.2-18 2822406013 P.2-18 2822406014 P.2-17 2822406015 P.2-23A 2822406016 P.2-70 2822406017 P.2-14 2822406019 P.2-57 2622406001 P.2-1D EPA 3010A 722653 EPA 6010D 721846 2822406002 F.D-01 EPA 3010A 722653 EPA 6010D 722708 2822406001 P.2-1D EPA 3010A 722653 EPA 6010D 722708 2822406002 F.D-01 EPA 3010A 722653 EPA 6010D 722708 2822406003 P.2-31 EPA 3010A 722653 EPA 6010D 722708 2822406004 P.2-33 EPA 3010A 724852 EPA 6010D 724979 2822406010 P.2-2D EPA 3010A 724852 EPA 6010D 72	2622406003	PZ-31				
2822406011 P.2-32 2822406012 P.2-76 2822406021 P.2-16 2822406023 FD-02 2822406033 FD-02 2822406014 P.2-17 2822406015 P.2-23A 2822406016 P.2-7D 2822406017 P.2-14 2822406019 P.2-57 2822406001 P.2-10 EPA 3010A 722653 EPA 6010D 722708 2822406001 P.2-10 EPA 3010A 722653 EPA 6010D 722708 2822406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2822406003 P.2-31 EPA 3010A 722653 EPA 6010D 722708 2822406004 P.2-33 EPA 3010A 722653 EPA 6010D 724708 2822406010 P.2-20 EPA 3010A 724852 EPA 6010D 724979 2822406011 P.2-22 EPA 3010A 724852 EPA 6010D 724979 2822406011 P.2-23 EPA 3010A 724852 E	2622406004	PZ-33				
2822406012 P.2-25 2822406020 P.2-16 2822406021 P.2-16 2822406022 P.2-15 2822406033 FD-02 2822406014 P.2-17 2822406015 P.2-33A 2822406016 P.2-7D 2822406017 P.2-14 2822406019 P.2-57 2822406010 P.2-1D EPA 3010A 722653 EPA 6010D 722708 2822406001 P.2-1D EPA 3010A 722653 EPA 6010D 722708 2822406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2822406003 P.2-31 EPA 3010A 722653 EPA 6010D 722708 2822406004 P.2-33 EPA 3010A 722653 EPA 6010D 722708 2822406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2822406010 P.2-2D EPA 3010A 724852 EPA 6010D 724979 2822406011 P.2-32 EPA 3010A 724852 E	2622406010	PZ-2D				
2822406020 P2-19 2822406021 P2-16 2822406023 FD-02 2822406013 P2-18 2822406014 P2-17 2822406015 P2-23A 2822406016 P2-7D 2822406017 P2-14 2822406019 P2-57 2822406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2822406003 P2-31 EPA 3010A 722653 EPA 6010D 722708 2822406004 P2-33 EPA 3010A 722653 EPA 6010D 722708 2822406009 P5-01 EPA 3010A 722653 EPA 6010D 722708 2822406001 P2-31 EPA 3010A 722653 EPA 6010D 722708 2822406001 P2-33 EPA 3010A 724852 EPA 6010D 724979 2822406010 P2-20 EPA 3010A 724852 EPA 6010D 724979 2822406011 P2-23 EPA 3010A 724852 EPA 6010D 724979 2822406012	2622406011	PZ-32				
RE22406012 PZ-16 PZ-15 PZ-15 PZ-15 PZ-15 PZ-15 PZ-16 PZ-17 PZ-18	2622406012	PZ-25				
2822406023 P.2-16 2822406013 P.2-18 2822406014 P.2-17 2822406015 P.2-23A 2822406016 P.2-7D 2822406017 P.2-14 2822406001 P.2-1D EPA 3010A 721529 EPA 6010D 721846 2822406002 F.D-01 EPA 3010A 722653 EPA 6010D 722708 2822406003 P.2-31 EPA 3010A 722653 EPA 6010D 722708 2822406004 P.2-33 EPA 3010A 722653 EPA 6010D 722708 2822406009 P.3-31 EPA 3010A 722653 EPA 6010D 722708 2822406009 P.3-31 EPA 3010A 722653 EPA 6010D 722708 2822406001 P.2-32 EPA 3010A 722653 EPA 6010D 722708 2822406001 P.2-33 EPA 3010A 722653 EPA 6010D 722708 2822406010 P.2-32 EPA 3010A 724852 EPA 6010D 724979 2822406011 P.2-32 EPA 3010A 724852 EPA 6010D 724979 2822406011 P.2-32 EPA 3010A 724852 EPA 6010D 724979 2822406011 P.2-32 EPA 3010A 724852 EPA 6010D 724979 2822406012 P.2-15 EPA 3010A 722653 EPA 6010D 722708 2822406020 P.2-19 EPA 3010A 722653 EPA 6010D 722708 2822406021 P.2-16 EPA 3010A 722653 EPA 6010D 722708 2822406013 P.2-16 EPA 3010A 722653 EPA 6010D 722708 2822406013 P.2-16 EPA 3010A 722653 EPA 6010D 722708 2822406013 P.2-18 EPA 3010A 722653 EPA 6010D 722708 2822406013 P.2-18 EPA 3010A 722653 EPA 6010D 722708 2822406014 P.2-17 EPA 3010A 722653 EPA 6010D 722708 2822406015 P.2-270 EPA 3010A 722653 EPA 6010D 722708 2822406016 P.2-70 EPA 3010A 722653 EPA 6010D 722708 2822406016 P.2-70 EPA 3010A 722653 EPA 6010D 722708 2822406017 P.2-14 EPA 3010A 722653 EPA 6010D 722708 2822406019 P.2-57 EPA 3010A 722656 EPA 6020B 722744 2822406001 P.2-10 EPA 3005A 722656 EPA 6020B 722744 2822406001 P.2-10 EPA 3005A 724857 EPA 6020B 722448 2822406001 P	2622406020	PZ-19				
R822406013	2622406021	PZ-16				
2822406013 P2-18 2822406015 P2-23A 2822406016 P2-7D 2822406017 P2-14 2822406017 P2-15 2822406017 P2-10 EPA 3010A 721529 EPA 6010D 721846 2822406002 FD-01 EPA 3010A 722683 EPA 6010D 722708 2822406003 P2-31 EPA 3010A 722683 EPA 6010D 722708 2822406009 FB-01 EPA 3010A 722683 EPA 6010D 722708 282240601 P2-20 EPA 3010A 724852 EPA 6010D 724979 282240601 P2-20 EPA 3010A 724852 EPA 6010D 724979 282240601 P2-25 EPA 3010A 724852 EPA 6010D 724979 2822406012 P2-25 EPA 3010A 724852 EPA 6010D 724979 2822406012 P2-25 EPA 3010A 724852 EPA 6010D 724979 2822406012 P2-25 EPA 3010A 724852 EPA 6010D 722708 2822406020 P2-19 EPA 3010A 722653 EPA 6010D 722708 2822406021 P2-16 EPA 3010A 722653 EPA 6010D 722708 2822406021 P2-15 EPA 3010A 722653 EPA 6010D 722708 2822406021 P2-16 EPA 3010A 722653 EPA 6010D 722708 2822406013 P2-18 EPA 3010A 722653 EPA 6010D 722708 2822406014 P2-17 EPA 3010A 722653 EPA 6010D 722708 2822406014 P2-17 EPA 3010A 722653 EPA 6010D 722708 2822406016 P2-7D EPA 3010A 722653 EPA 6010D 722708 2822406016 P2-7D EPA 3010A 722653 EPA 6010D 722708 2822406017 P2-14 EPA 3010A 722653 EPA 6010D 722708 2822406019 P2-57 EPA 3010A 722653 EPA 6010D 722708 2822406019 P2-31 EPA 3005A 722656 EPA 6020B 722744 2822406001 P2-31 EPA 3005A 722656 EPA 6020B 722744 2822406001 P2-32 EPA 3005A 724857 EPA 6020B 722744 2822406001 P2-32 EPA 3005A 724857 EPA 6020B 722748 2822406011 P2-32 EPA 3005A 724857 EPA 6020B 724880 2822406011 P2-32 EPA 3005A 724857 EPA 6020B 724880 2822406011 P2-32 EPA 3005A 724857 EPA 6020B 724880	2622406022	PZ-15				
2822406014 PZ-17 2622406015 PZ-23A 2622406017 PZ-14 2622406019 PZ-57 2622406019 PZ-57 2622406019 PZ-57 2622406001 PZ-1D EPA 3010A 721529 EPA 6010D 721846 2622406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 2622406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2622406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2622406009 FB-01 EPA 3010A 724852 EPA 6010D 722708 2622406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-16 EPA 3010A 724852 EPA 6010D 722708 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406010 PZ-233 EPA 3010A 722653 EPA 6010D 722708 2622406011 PZ-10 EPA 3005A 722656 EPA 6020B 722744 2622406001 PZ-10 EPA 3005A 722656 EPA 6020B 722744 2622406001 PZ-10 EPA 3005A 722656 EPA 6020B 722744 2622406001 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980	2622406023	FD-02				
2822406015 PZ-23A 2822406016 PZ-TD 2822406017 PZ-14 2822406019 PZ-57 2822406010 PZ-TD EPA 3010A 721529 EPA 6010D 721846 2822406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2822406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 2822406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2822406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2822406010 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2822406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2822406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2822406012 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2822406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2822406031	2622406013	PZ-18				
2822406016 PZ-7D 2622406017 PZ-14 2622406019 PZ-57 2822406001 PZ-1D EPA 3010A 721529 EPA 6010D 721846 2622406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2622406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 2622406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2622406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653	2622406014	PZ-17				
2822406017 PZ-14 2622406019 PZ-57 2622406001 PZ-1D EPA 3010A 721529 EPA 6010D 721846 2622406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2622406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 2622406004 PZ-33 EPA 3010A 722653 EPA 6010D 724979 2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708	2622406015					
28622406019 PZ-57 28622406001 PZ-1D EPA 3010A 721529 EPA 6010D 721846 28622406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 28622406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 28622406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 28622406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 28622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 28622406011 PZ-25 EPA 3010A 724852 EPA 6010D 724979 28622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 28622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 28622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 28622406012 PZ-15 EPA 3010A 722653 EPA 6010D 722708 28622406012 PZ-18 <	2622406016					
2822406001 PZ-1D EPA 3010A 721529 EPA 6010D 721846 2822406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2822406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 2822406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2822406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2822406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2822406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2822406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2822406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2822406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2822406021 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2822406021 PZ-15 EPA 3010A 722653 EPA 6010D 72	2622406017					
2622406002 FD-01 EPA 3010A 722653 EPA 6010D 722708 2622406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 2622406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2622406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 72	2622406019	PZ-57				
2622406003 PZ-31 EPA 3010A 722653 EPA 6010D 722708 2622406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2622406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 72	2622406001	PZ-1D	EPA 3010A	721529	EPA 6010D	721846
2622406004 PZ-33 EPA 3010A 722653 EPA 6010D 722708 2622406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 72	2622406002	FD-01	EPA 3010A	722653	EPA 6010D	722708
2622406009 FB-01 EPA 3010A 724852 EPA 6010D 724979 2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 7	2622406003	PZ-31	EPA 3010A	722653	EPA 6010D	722708
2622406010 PZ-2D EPA 3010A 724852 EPA 6010D 724979 2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 7	2622406004	PZ-33	EPA 3010A	722653	EPA 6010D	722708
2622406011 PZ-32 EPA 3010A 724852 EPA 6010D 724979 2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 7	2622406009					
2622406012 PZ-25 EPA 3010A 724852 EPA 6010D 724979 2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-1D EPA 3005A 722653 EPA 6010D 7	2622406010					
2622406020 PZ-19 EPA 3010A 722653 EPA 6010D 722708 2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 7						
2622406021 PZ-16 EPA 3010A 722653 EPA 6010D 722708 2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 7	2622406012	PZ-25	EPA 3010A	724852	EPA 6010D	724979
2622406022 PZ-15 EPA 3010A 722653 EPA 6010D 722708 2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-1D EPA 3005A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 7	2622406020					
2622406023 FD-02 EPA 3010A 722653 EPA 6010D 722708 2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722653 EPA 6010D 722708 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 724857 EPA 6020B 7	2622406021					
2622406013 PZ-18 EPA 3010A 722653 EPA 6010D 722708 2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722653 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 724857 EPA 6020B 724980 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 7					EPA 6010D	
2622406014 PZ-17 EPA 3010A 722653 EPA 6010D 722708 2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 7						
2622406015 PZ-23A EPA 3010A 722653 EPA 6010D 722708 2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 7						
2622406016 PZ-7D EPA 3010A 722653 EPA 6010D 722708 2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
2622406017 PZ-14 EPA 3010A 722653 EPA 6010D 722708 2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
2622406018 EB-01 EPA 3010A 722653 EPA 6010D 722708 2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
2622406019 PZ-57 EPA 3010A 722653 EPA 6010D 722708 2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
2622406001 PZ-1D EPA 3005A 722656 EPA 6020B 722744 2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
2622406002 FD-01 EPA 3005A 722656 EPA 6020B 722744 2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980	2622406019		EPA 3010A	/22653	EPA 6010D	722708
2622406003 PZ-31 EPA 3005A 722656 EPA 6020B 722744 2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
2622406004 PZ-33 EPA 3005A 722656 EPA 6020B 722744 2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980	2622406002		EPA 3005A		EPA 6020B	
2622406009 FB-01 EPA 3005A 724857 EPA 6020B 724980 2622406010 PZ-2D EPA 3005A 724857 EPA 6020B 724980 2622406011 PZ-32 EPA 3005A 724857 EPA 6020B 724980 2622406012 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
PZ-2D EPA 3005A 724857 EPA 6020B 724980 PZ-32 EPA 3005A 724857 EPA 6020B 724980 PZ-25 EPA 3005A 724857 EPA 6020B 724980 PZ-25 EPA 3005A 724857 EPA 6020B 724980	2622406004	PZ-33	EPA 3005A	722656	EPA 6020B	722744
PZ-32 EPA 3005A 724857 EPA 6020B 724980 PZ-25 EPA 3005A 724857 EPA 6020B 724980 PZ-25 EPA 3005A 724857 EPA 6020B 724980						
PZ-25 EPA 3005A 724857 EPA 6020B 724980	2622406010		EPA 3005A	724857	EPA 6020B	724980
	2622406011	PZ-32	EPA 3005A	724857	EPA 6020B	724980
PZ-19 EPA 3005A 722656 EPA 6020B 722744	:622406012	PZ-25	EPA 3005A	724857	EPA 6020B	724980
	622406020	PZ-19	EPA 3005A	722656	EPA 6020B	722744



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
92622406021	PZ-16	EPA 3005A	722656	EPA 6020B	722744
92622406022	PZ-15	EPA 3005A	722656	EPA 6020B	722744
92622406023	FD-02	EPA 3005A	722656	EPA 6020B	722744
2622406013	PZ-18	EPA 3005A	722656	EPA 6020B	722744
2622406014	PZ-17	EPA 3005A	722656	EPA 6020B	722744
2622406015	PZ-23A	EPA 3005A	722656	EPA 6020B	722744
2622406016	PZ-7D	EPA 3005A	722656	EPA 6020B	722744
2622406017	PZ-14	EPA 3005A	722656	EPA 6020B	722744
2622406017	PZ-14	EPA 3005A	729120	EPA 6020B	729196
2622406018	EB-01	EPA 3005A	722711	EPA 6020B	722836
2622406019	PZ-57	EPA 3005A	722711	EPA 6020B	722836
92622406001	PZ-1D	EPA 7470A	722636	EPA 7470A	722845
2622406002	FD-01	EPA 7470A	722636	EPA 7470A	722845
2622406003	PZ-31	EPA 7470A	722636	EPA 7470A	722845
2622406004	PZ-33	EPA 7470A	722636	EPA 7470A	722845
2622406009	FB-01	EPA 7470A	724415	EPA 7470A	724676
2622406010	PZ-2D	EPA 7470A	724415	EPA 7470A	724676
2622406011	PZ-32	EPA 7470A	724415	EPA 7470A	724676
2622406012	PZ-25	EPA 7470A	724420	EPA 7470A	724771
2622406020	PZ-19	EPA 7470A	722636	EPA 7470A	722845
2622406021	PZ-16	EPA 7470A	722636	EPA 7470A	722845
2622406022	PZ-15	EPA 7470A	722636	EPA 7470A	722845
2622406023	FD-02	EPA 7470A	722636	EPA 7470A	722845
2622406013	PZ-18	EPA 7470A	722636	EPA 7470A	722845
2622406014	PZ-17	EPA 7470A	722636	EPA 7470A	722845
2622406015	PZ-23A	EPA 7470A	722636	EPA 7470A	722845
2622406016	PZ-7D	EPA 7470A	722636	EPA 7470A	722845
2622406017	PZ-14	EPA 7470A	722636	EPA 7470A	722845
2622406018	EB-01	EPA 7470A	722636	EPA 7470A	722845
2622406019	PZ-57	EPA 7470A	722636	EPA 7470A	722845
2622406001	PZ-1D	SM 2540C-2015	720456		
2622406002	FD-01	SM 2540C-2015	720456		
2622406003	PZ-31	SM 2540C-2015	720456		
2622406004	PZ-33	SM 2540C-2015	720456		
2622406009	FB-01	SM 2540C-2015	721840		
2622406010	PZ-2D	SM 2540C-2015	721840		
2622406011	PZ-32	SM 2540C-2015	721840		
2622406012	PZ-25	SM 2540C-2015	721840		
2622406020	PZ-19	SM 2540C-2015	720456		
2622406021	PZ-16	SM 2540C-2015	720456		
2622406022	PZ-15	SM 2540C-2015	720456		
2622406023	FD-02	SM 2540C-2015	720456		
2622406013	PZ-18	SM 2540C-2015	720456		
2622406014	PZ-17	SM 2540C-2015	720456		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell 2022 2nd SA-Revised Report

Pace Project No.: 92622406

Date: 10/17/2022 08:08 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92622406015	PZ-23A	SM 2540C-2015	720456		
92622406016	PZ-7D	SM 2540C-2015	720456		
92622406017	PZ-14	SM 2540C-2015	720456		
92622406018	EB-01	SM 2540C-2015	720606		
92622406019	PZ-57	SM 2540C-2015	720606		
92622406001	PZ-1D	EPA 300.0 Rev 2.1 1993	721131		
92622406002	FD-01	EPA 300.0 Rev 2.1 1993	721131		
92622406003	PZ-31	EPA 300.0 Rev 2.1 1993	721131		
92622406004	PZ-33	EPA 300.0 Rev 2.1 1993	721131		
92622406009	FB-01	EPA 300.0 Rev 2.1 1993	721131		
92622406010	PZ-2D	EPA 300.0 Rev 2.1 1993	721131		
92622406011	PZ-32	EPA 300.0 Rev 2.1 1993	721658		
92622406012	PZ-25	EPA 300.0 Rev 2.1 1993	721658		
92622406020	PZ-19	EPA 300.0 Rev 2.1 1993	721658		
92622406021	PZ-16	EPA 300.0 Rev 2.1 1993	721658		
92622406022	PZ-15	EPA 300.0 Rev 2.1 1993	721658		
92622406023	FD-02	EPA 300.0 Rev 2.1 1993	721658		
92622406013	PZ-18	EPA 300.0 Rev 2.1 1993	721658		
92622406014	PZ-17	EPA 300.0 Rev 2.1 1993	721658		
92622406015	PZ-23A	EPA 300.0 Rev 2.1 1993	721658		
92622406016	PZ-7D	EPA 300.0 Rev 2.1 1993	721661		
92622406017	PZ-14	EPA 300.0 Rev 2.1 1993	721661		
92622406018	EB-01	EPA 300.0 Rev 2.1 1993	721661		
92622406019	PZ-57	EPA 300.0 Rev 2.1 1993	721661		

0
Pace
HARRIE STATE

DC#_Title: ENV-FRM-HUN1-0083 v01_Sample Condition Upon Receipt

MARIEN STYES	Effective Date: 05/12/2022	2					
Asheville Sample Condit	Eden Greenwood	☐ Huntersvil	le 🗌	Raleigh[LIOH	Couille Atlanta Kerner	sville
Upon Receipt		Power		Pr	e WUH	92622406	
Courier:	□Fed Ex □	JPS USPS		Clier	926224	26	
Custody Seal Pres	sent? Tes No	Seals Intact?	G wes	□No	Date,	/Initials Person Examining Contents:	25/2
Packing Material: Thermometer:	122	Bubble Bags	None			Biological Tissue Frozen? ☐Yes ☐No ☐N/A	
Cooler Temp:	5-8 Correction Add/Subtr		_	Wet ∐Blu -		ld be above freezing to 6°C les out of temp criteria. Samples on ice, co	oling process
Did samples or	Soil (in the United States	: CA, NY,	or SC		originate from a foreign source (international validand Puerto Rico)? ☐ Yes ☐ No	onally,
Chain of Cust	tody Present?	EV		F74.44		Comments/Discrepancy:	
The state of the s	ved within Hold Time?	Ø Yes ☑ Yes	□No	□N/A	¥	1	
	ime Analysis (<72 hr.)?		□No	□N/A		-L	
	round Time Requested?	☐ Yes	ØNo ONo	□N/A □N/A			
							_
Sufficient Vol		□ Yes	□No	□N/A			
Correct Cont	ainers Used? tainers Used?	□Yes □Yes	□No	□N/A			
Containers In		∠ Yes ☑ Yes	□No	□N/A □N/A			
	alysis: Samples Field Filtered?	□Yes	□No	DN/A		110	
	Is Match COC?	-DYes	□No	□N/A			
	Date/Time/ID/Analysis Matrix:	W					
Headspace in	vOA Vials (>5-6mm)?	□Yes	□No	ŪN7A	0.		
Trip Blank Pro		□Yes	□No	ØN/A	1.		
Trip Blank Cu	istody Seals Present?	□Yes	□No	TIN/A			
COMMENTS/SAMPL	E DISCREPANCY	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~				Field Data Required? ☐ Yes	□No ·
				Lo	ID of split con	cainers:	
CLIENT NOTIFICATION	n/resolution					pH Strip Lot# 10D4611	
Person contacted		1000		Date/Time:			
Project Manag	ger SCURF Review:				Dat	e:	
Benjart Manag	zor SRF Raviow				Dat	0.	



DC#_Title: ENV-FRM-HUN1-0083 v01_Sample Condition Upon Receipt

Effective Date: 05/12/2022

'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

Projec 40#: 9262240

PM: NMG

Due Date: 09/09/22

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mt Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2504 (pH < 2) (Ci-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP42125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (Cl·)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCI (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Aniber H25O4 (pH < 2)	AG3S-250 nil Aniber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl·)	DG9H-10 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-10 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG95-40 mL VOA H2504 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BRIN	BP3R-250 mL Plastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CL)	VSGU-20 mL Scintillation vials (N/A)	DGSU-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	N	1	1			1		1	1	1									2	1			
2	1		1		1	1	1	1			1		1	1	1									2	1			
3	1	1)		1	X	1	1			1		1	1	1				÷.,					2	1			
4	1		1		1	1	1	1			1		1	1	1			T						2	1			
5	1				1	1	1	1			X		1	1	1									1	1			
6	1				1	1	1	1			1		1	1	1			1						1	1			
7	1				1	1	1	1			1		1	1	1			T						1	1			
8	1				1	1	1	1			1	-	1	1	1		1.	1						1	1			П
9	1	-	1		1	1	1	/		1	1		1	1	1	1	-	T			1		1	1	1	1		
10	1				1	1	1	1			1		1	1	1									1	1	1		\parallel
11	1	1			1	1	1	1			1	-	1	1	1	1	+			-				1	1			1
12	1	1	1		1	1	1	1	1		1	-	1	1	1	1		1	-	+			1	1	1			+

	pH Ac	ljustment Log for Pres	erved Samples			
Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot#	
						_
						-
						-
	Type of Preservative		The state of the s		Type of Preservative pH upon receipt Date preservation adjusted Time preservation Amount of Preservative	Type of Preservative pH upon receipt Date preservation adjusted Time preservation Amount of Preservative 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.

Section A

CHAIN-OF-CUSTODY / Analytical Request Document

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

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf

Section C

				24	23	13	21	8	19	18	17	16	5	14	13	ITEM#		7	Reque	Phone	Suite 1	Address	Compa
			ADDITIONAL COMMENTS						ED #	\$5.15	7	4780000-94-18-Z4-1IW	MIT-PZ-31-WG-2020824	MIT-APA12-FD-601-W6-20226924	735 MIT-PZ-10-WG-20220824	SAMPLE ID One Character per box. (A-Z, 0-9/,-) Sample ids must be unique			2	(770)421-3382 Fax	10	ss 1075 Big Sharrly Road	Required Client Information: Company: Wood E&I (GA Power)
		Demi	RELIN				WT	WT	WT	WI	WT	-20220824 WT	5-2020824 WT	01-196-20220924 WT	-2022087 A	Write Water Will Photocic Photocic Photocic Photocic Photocic Photocic Surface Surface Surface Surface Are Are Are To Thause To The Surface Surface Surface Are Are Are Are Are Are Are Are Are Ar			-	Project Name:	?		Required Project Information:
(6) TH		Manual /	RELINQUISHED BY I AFFILIATION													SAMPLE TYPE G=GRAB START DATE TIME			22 160 170.	Mitchell 2022	Syst	and a	ject Information:
PRINT Name of SAMPLER: DESIGNATURE SIGNATURE OF SMILER:		1 Door 3/1	ATION DATE									V 1545	1400	DIMPA -	apula	END END	COLLECTED		.2202	0 h	c Backer	-	
Pr		2081 mals	TE TIME									S S	S S	5	5 X	SAMPLE TEMP AT COLLEC OF CONTAINERS Unpreserved	TION		Pace Profile #:				hyoice int
gist thousand	in and a second	Charl	ACCEPTE									Х	×	X	×	H2SO4 HNO3 HCI NaOH Na2S2O3 Methanol	Preservatives		Pace Profile # 10834			Name	hyoice Information:
1Ev		Henry	TED BY I AFFILIATION						×		×	×			×	Other Analyses Test CI, F, SO4 TDS	Y/N	70	o oleo@pacelabs.com				
er Gailen		1548	DATE				×		_	×	×	×			×	App III/IV Metals RAD 9315/9320		equested Analysis Fi	n.				
8/24/22		एक्त न	E TIME															Analysis Filtered (Y/N)	OUT STREET, ST		7250		Pa
TEMP in C Received on lice (Y/N) Custody Seated Cooler (Y/N) Samples Intact			SAMPLE CONDITIONS									17-18 e	2H=7.04		0H=7.49	Residual Chlorine (Y/N)			State / Location GA	and the second s	Regulatory Agency		Page: / 1 Of 1

1	Pace
1	HUPTO SERVE

Effective Date: 05/12/2022	

Custody Seal Present?	6	WO#: 92622406		Ralei	ille 🗌	Huntersy	Sample Condition Upon Receipt Call Condition Client Name:						
B 2 33 9 + 4 40 9 9 9 9 9 9 9 9 9	09/09/22	PM: NMG Due Date: 09/					ELEG EX TOPS						
Cooler Temp:	en?		ther			498 ubble Bags	8/2 [3394 king Material: □Bubble Wrap □Bub						
Chain of Custody Present? Chain of Custody Present? Samples Arrived within Hold Time? Short Hold Time Analysis (<72 hr.)? Rush Turn Around Time Requested? Sufficient Volume? Correct Containers Used? -Pace Sample Labels Match COC? Sample Labels Match COC?		Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, c has begun	ue			9	ler Temp: Add/Subtract (°C): A Regulated Soil (\sum N/A, water sample) Did samples originate in a quarantine zone within the left.						
Chain of Custody Present?	ternationally,	including Hawaii and Puerto Rico)? Yes No	_	-			check maps): Lives LiNo						
Samples Arrived within Hold Time? Short Hold Time Analysis (<72 hr.)? Rush Turn Around Time Requested? Sufficient Volume? Sufficient Volume? Correct Containers Used? Pace Containers Used? Containers Intact? Pace Containers Used? Containers Intact? Dissolved analysis: Samples Field Filtered? Sample Labels Match COC? Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? Trip Blank Present? Tyes No No N/A 10. Trip Blank Custody Seals Present? Tyes No No N/A 11. Trip Blank Custody Seals Present? Trip Blank Custody Seals Present? TNOTIFICATION/RESOLUTION Date/Time: Toolect Manager SCURF Review: Date: Date:		Comments/Discrepancy:		Con	Пы-	Filar	Chain of Custody Present?						
Short Hold Time Analysis (<72 hr.)?				3337		-							
Rush Turn Around Time Requested? Yes			100		/								
Sufficient Volume?													
Correct Containers Used? -Pace Containers Used? -Pace Containers Used? -Pace Containers Intact? -Pace Containers Used? -Pace Containers Used. -Pace Containers Used. -Pace Containers Used. -Pace Containe			4.	□N/A	□No	∐Yes							
Cortect Containers Used? -Pace Containers Used Used Used Used Used Used Used Use			5.	□N/A	□No	Yes							
Containers Intact?					□No	Yes							
Dissolved analysis: Samples Field Filtered? Yes No M/A 8. Sample Labels Match COC? Yes No M/A 9. -Includes Date/Time/ID/Analysis Matrix:			1										
Sample Labels Match COC? Yes			7.	□N/A	□No	Yes							
-Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? Trip Blank Present? Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Lot ID of split containers: PH Strip Lot# 10D4611 Ph Strip Lot# 10D4611 Date/Time:			8.	M/A	□No	□Yes							
Headspace in VOA Vials (>5-6mm)? Trip Blank Present? Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Pield Data Required? Lot ID of split containers: PH Strip Lot# 10D4611 Ph Strip Lot# 10D4611 Date/Time:			9.	□N/A	□No	ÆYes 1 . /							
Trip Blank Present?						W							
Trip Blank Custody Seals Present? Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Field Data Required? []Y. Lot ID of split containers: PH Strip Lot# 10D4611 Ph Contacted: Date/Time:	-		10	IDNA	□No	□Yes	Headspace in VOA Vials (>5-6mm)?						
Field Data Required?			_				rip blank Present?						
Field Data Required?				/	DNo	Пуес	Trip Blank Custody Seals Present?						
pH Strip Lot# 10D4611 on contacted: Date/Time: Date:]Yes □No	Field Data Required? Yes				<u> </u>	ENTS/SAMPLE DISCREPANCY						
pH Strip Lot# 10D4611 on contacted: Date/Time: Date:													
on contacted: Date/Time: roject Manager SCURF Review: Date:			t ID of				OTIFICATION/RESOLUTION						
roject Manager SCURF Review: Date:		ph Strip Lot# 10D4611											
Date:				ate/Time:	0		contacted:						
	***	Date:					iect Manager SCURF Review:						
Toject Manager SKF Review:	-			t Manager SRF Review:									
Date:	_	Date:	-	-			The state of the s						



Effective Date: 05/12/2022

WO#: 92622406

Proj PM: NMG

Due Date: 09/09/22

CLIENT: GA-GA Power

*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

ltem#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mt Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP4S-125 mL Plastic H25O4 (pH < 2) {Cl-}	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic 2N 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) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H2504 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA NA2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG95-40 mL VOA H2504 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mt. Sterile Plastic (N/A - lab)	SVIN	BP3R-250 ml. Plastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (G-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1		(1	K	1	1			1		1	1	1									X				
2	1	1	1		1	V	1	1			1		1	1	1									Z	1			
3	1	1	1		1	V	1	1			1		1	1	1				- 1					X	/			
4	1	1	1		1	Y	1	1			1		1	1	1									V	1			
5	1				1	1	1	1			1		1	1	/									1	1			
6	1				1	1	1	1			/		1	1	1									/	1			
7	1				1	1	1	1			1		1	1	1									/	1			
8	1				1	1	1	1			1		1	1	1									1	1			
9	1				1	1	/	1			/		1	1	1									/	1			
10	1				1	1	1	1			1		/	1	1									1	1			
11	1				1	1	1	1			1		1	1	1									1	1			
12	1				1	1	1	1			1		1	1	1									1	/			

		pH Ac	justment Log for Pres	erved 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.

CHAIN-OF-CUSTODY / Analytical Request Document

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

Section B

Section C Required Project Information: Page : ç

			170000		5	6	9	00	7	6	(h	4	3	2	1	ITEM#			Phone	Email	Address	Company
			The Control of the Co	ADDITIONAL COMMENTS		3	PETE-	6231	-967.E	1	RE-ESPA	MET-PZ-25-WG-20120824	MIT-PZ-32-WG-20220824	MIT-PZ-21-WG-2022092 4	COO MIT-APA12-FR-01-NG-2220824	SAMPLE ID One Character per box. (A-Z, 0-9 / , .) Sample Ids must be unique		J. ANDERS	770J42	Email daniel.howard2@woodplc.com	DO Kannasaw GA 30144	Company Wood E&I (GA Power)
		Mand	P	NEW TANK	<	<	· ·	<	V	V					_	-	CODE	Project #:	Project Name	Purchase Orde	Copy To: Q	Report To Daniel Howard
		180	F	WI	M	TW	M	TW	¥	*	4	WT	WT	M	*	MATRIX CODE (see valid cod SAMPLE TYPE (G=GRAB C		121	Mito	10	200	Daniel Howard
PR		A COM / Portugilly		ED BY / ASSILIAT	+	+									-	START DATE TIME	COL	160110	Mitchell 2022 2nd SA	Purchase Order #	da ani	mation:
INT Nan		100	3	-		\dagger	1					-		-	-	DATE	соцество	22	A	TO F	3	1
PRINT Name of SAMPLER:		3//6	DAIR	2	T	\dagger	-						1418	1132	-	END	С	62				
PLER		ruhne	- 5	-	_							Ì		2	0	SAMPLE TEMP AT COLLECTION)N					
A RE				-	-	4						K	2		5	# OF CONTAINERS		Pace Profile 8:	Pace	Address Pace Quote	Com	Attention
anie	autus.	1800 Charl	SIME	-	+	+	+				-	Χ.	X.	X	×	Unpreserved H2SO4		Profit	Pace Project Manager:	Quot	Company Name:	Invoice Information:
3 4	\Box	16	T				1		•			×	×	×	×	HNO3	P	7	o Mar		ame:	anna
F		7	4											(==)		нсі	Preservatives	10834	ager			ion:
E		2	1	-	45	-	_									NaOH	vativ			1	П	
Oward To		1	ACCEP	-	+	+	-									Na2S2O3	es		nicole			
7		1			+	+	\vdash								-	Methanol Other		1	d'ole		П	
M		1	TEO BY / AFFILIATION	-			_				_					Analyses Test	Y/N	u i	d'alea@pacelabs com	Ш		ı
3		1	₹₹	×	×	×	×	×	×	×	×	×	×	×	×	CI, F, SO4		Mask	acelal		П	ı
7		3	큧	×	×	×	×	×		×	×	×	×	×	×	TOS			35.00		П	1
er Guille		1		×	×	×	×	×	_	_	×			-	×	App III/IV Metals		Requested	2			L
E		10	是	F	+	+	-	_	×	×	×	×	×	×	×	RAD 9315/9320						1
1	\vdash	3			+	+					-				\dashv		-	Analysis Ellisand		1		1
2		B	MAR																			
1 1		12	需	100					7									П	1000	2		
		1	18	_	1						_							20				
		1	TIME	-	+	-			-	-	-	-	-	-	\dashv			(3)(8)		170		
1978	\vdash	++4	1000	-	+-	-			-	-	-	-	-	-	-					20.0		Page :
MP in C			麗			_	_			_	_	_	_	_	\dashv	Residual Chlorine (Y/N)			State	InBer		9:
ceived on	П		SA	0.00		Г			T		7	70	7	-	寸			9	5	Kop		1
N)			E C	1	1						1	=	-	2	-	9	1 . 31	THE REAL PROPERTY.	State / Location	Regulatory Agency		-
stody led			S S						1			.	4			趸	(1) (1)	Name of the last		CY		
oler N)			SAMPLE CONDITIONS						1			7	MZ.	4		Departed States	70.5	Name of the least	E CO	School S		잋
mples			1								1	5	2						152	1906		
N)	I t	1 1	122				1	- 1	- 1	1	- 1	- 1	- 1	- 8	- 1		100	1	TI.	157		-

0
Pace
musten askut

Effective Date: 05/12/2022

Thermometer: $8/2/93$ Cooler Temp: $4/8/5$ Cooler Temp Corrected (°C): $4/8/5$ USDA Regulated Soli (\square N/A, water sample)	c) 0.0 5,4	None	□CII □No : □ O Wet □B	ther	PM: NMG Due Date: 09/09/22 CLIENT: GA-GA Power Date/Initials Person Examining Contents: 8/26/26 Biological Tissue Frozen? Yes No N/A None Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling prochas begun
Did samples originate in a quarantine zone within th (check maps)? ☐ Yes ☐ No	e United States	: CA, NY,	or SC		Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
Chain of Custody Present?				-	Comments/Discrepancy:
Samples Arrived within Hold Time?	☐ fes	□No	□N/A	1.	
Short Hold Time Analysis (<72 hr.)?	ØYes □	□No	□N/A	2.	
Rush Turn Around Time Requested?	Yes	AHO	□N/A	3.	
Rusii Turii Arouna Time Requestea?	□Yes	AMO	□N/A	4.	
Sufficient Volume?	Pres	□No	□N/A	5.	
Correct Containers Used?	□ Yes	□Na	□N/A	6.	
-Pace Containers Used? Containers Intact?	TYes/	□№	□N/A	+-	(m.
	Tes	□No	□N/A	7.	
Dissolved analysis: Samples Field Filtered? Sample Labels Match COC?	☐Yes ☐Yes	□No	□N/A	8.	
-Includes Date/Time/ID/Analysis Matrix:	W		N/A	3,	
Headspace in VOA Vials (>5-6mm)?	□Yes	□No	PMA	10.	*
Trip Blank Present?	□Yes	□No	DAYA	11.	
Trip Blank Custody Seals Present?	□Yes	□No	DATA		
OMMENTS/SAMPLE DISCREPANCY				115	Field Data Required? ☐ Yes ☐ No
IENT NOTIFICATION/RESOLUTION				Lot ID	of split containers:
Person contacted:			Date/Time	 	pH Strip Lot# 10D4611
Project Manager SCURF Review:	ng-s				Date:
Project Manager SRF Review:					



Effective Date: 05/12/2022

*Check mark top half of box if pH and/or dechlorination is verified and Project

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

WO#: 92622406

PM: NMG

09/09/22

CLIENT: GA-GA Power

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	8P4S-125 mL Plastic H2504 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	8P48-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H2504 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 ml, VOA H3PO4 (N/A)	DG95-40 mL VOA H25O4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		. BP3R-250 mL Plastic (NH2)25O4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	1	1	1			1		1	1	1									X	1			
2	1	1	1		1	1	N	1			1		1	1	1									X	1			
3	1	1	1		1	1	1	1			1		1	1	1				,					7	1			
4	1	1	П		1	1.	1	1			1		1	1	1			ħ	17		M			7	X,			
5	1		T		1	1	1	/			1		1	1	1									1	1			
6	1	1	1		1	1	1	/			1		1	1	/									A	X			
7	/	1			1	1	1	1			/		1	1	/									2º	X			
8	/	1	1		1	1	1	1			1		1	1	/				ļ.,					Lo	1			
9	1	1	1		1	14	1	1			1		1	1	/									7.	1			
10	1	1	Ė		1	1	1	/			/		1	1	1									1	/			
11	1	1			1	1	1	1			1		1	1	1		-	-					-	1	1			
12	1		T		1	1	1	/			1		1	1	1									1	1			

		pH Ac	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
				7.		

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.

Address Section A Required Client Information: ð 9 ITEM # ü uite 100, Kennesaw, GA 30144 N daniel.howard2@woodplc.com MIT-PZ-16-WG-20220825 (770)421-3382 Wood E&I (GA Power) 1075 Big Shanty Road Sample Ids must be unique MIT-PZ-15-WG-20220825 MTT-PZ-19-14G-20220825 One Character per box. (A-Z, 0-9/, -) SAMPLE ID ADDITIONAL COMMENTS Standerd Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info pacelabs.com/hub/s/pas-standard-terms.pdf MATRIX
Drinking Water
Waste Water
Waste Water
Product
Sow/Solid
Oil
Wipe
Au
Tissue Copy To Rhands G hha Project #: 4122160170, 2201 Required Project Information: roject Name: I O Y A O K D WAY DO RELINCUISHED BY / AFFILIATION ٤ 3 3 3 S S 3 3 3 3 3 MATRIX CODE (see valid codes to left) 1 town I Wash SAMPLETYPE (G=GRAB C=COMP) START SAMPLER NAME AND SIGNATURE SIGNATINGE OF SAMPLES PRINT Name of SAMPLER! COLLECTED 3/2/ 42/ 1402 \$125tz 1212 14 m 1028 DATE The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately. CHAIN-OF-CUSTODY / Analyti¢al Request Document END 8/25/82 DATE SAMPLE TEMP AT COLLECTION Mary Attention: Company Name X 0181 OF CONTAINERS Address Pace Project Manager Pace Quote TIME Unpreserved H2SO4 X HNO3 Preservatives HCI 10834 NaOH ACCEPTED BY / AFFILLATION Ne2S2O3 THEOLO CO Methanol lecoppacelabs con YIN Analyses Test CI, F, SO4 DATE Signed: 8/25/2 TOS Guil × × × × App III/IV Metals RAO 9315/9320 DATE TIME Page: TEMP in C Regulatory Agency State / Location Residual Chlorine (Y/N) Received on SAMPLE CONDITI 04=7 DH= 6.67 9件= 7.14 99mlszb (Y/N) Custody Sealed Coole ENG (Y/N) Samples (Y/N)

	~
	~
1	Pace
1-	1 acc
-1	-

Effective Date: 05/12/2022

Asheville Eden Greenwood	Huntersvil	le 📗	Raleigh		Mechanicsville Atlanta Kornorceille
Sample Condition Client Name:	200		ı	Proj	WO#: 92622406
Courier: Ped Ex UPS Commercial Pace	USPS Other		Cla	ent	PM: NMG Due Date: 09/09/22 CLIENT: GA-GA Power
Custody Seal Present? Yes No Sea 8/2-1 4.3 Packing Material: Bubble Wrap B Thermometer: B/2-1 4.3 Cooler Temp: Corrected (°C): 4.85./ USDA Regulated Soll (N/A, water sample) Did samples originate in a quarantine zone within the	c) 0.0 5,4		Wet □B	ther	Biological Tissue Frozen? Biological Tissue Frozen? Yes No N/A None Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process has begun
(check maps)? Yes No	e Officed States:	CA, NT,	or sc		Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐Yes ☐No
Chain of Custody Present?	Dies	П»-	□N/a	1.	Comments/Discrepancy:
Samples Arrived within Hold Time?	Ves	□No	□N/A	2.	Y
Short Hold Time Analysis (<72 hr.)?	☐Yes		□N/A	17.5	
Rush Turn Around Time Requested?	☐Yes	ANO ANO	□N/A	3.	
			□n/a		77
Sufficient Volume?	₽Yes	□No	□N/A	5.	
Correct Containers Used? -Pace Containers Used?	Yes /	□Na □No	□N/A	6.	
Containers Intact?	Tes	□No	□N/A	7.	16st
Dissolved analysis: Samples Field Filtered?	□Yes	□No	DA/A	8.	
Sample Labels Match COC?	Tyes	□No	□N/A	9.	
-Includes Date/Time/ID/Analysis Matrix:	W				
Headspace in VOA Vials (>5-6mm)?	□Yes	□No	PAA	10	·
Trip Blank Present?	□Yes	ONO	DAYA	11	
Trip Blank Custody Seals Present?	□Yes	□No	, DMA		
OMMENTS/SAMPLE DISCREPANCY					Field Data Required? ☐Yes ☐No
			ı	ot ID	of split containers:
IENT NOTIFICATION/RESOLUTION					pH Strip Lot# 10D4611
Person contacted:			Date/Time	;	
Project Manager SCURF Review:					Date:
Project Manager SRF Review:					Date:



Effective Date: 05/12/2022

WO#: 92622406

PM: NMG

09/09/22

CLIENT: GA-GA Power

*Check mark top half of box if pH and/or dechlorination is verified and Project 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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	8P48-125 mL Plastic NaOH (pH > 12) (Cl-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2504 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3POA (N/A)	DG95-40 mL VOA H2504 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		893R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AGDU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	1	1	1			1		1	1	1									X				
2	1	1)		1	1		/			/		1	1	1									X	1			
3	1	1	1		1	1		/			/		1	/	/				- 4					X.	1			
4	1	1	Ī		1	1	1	/			1		/	1	/									5	1			
5	/	1	1		1	1	1	1			/		1	/	1									4	(
6	/	i	1		1	1	1	/			/		1	/	/									A	X			
7	/	i	i		1	1		1			/		1	/	1									20	(
8	1	1	1		/	1	1	1			/		1	/	/									20	1			
9	1	1	1		1	1	1	1			/		1	/	1									2	1			
10	1	-			1	1	1	1			/		1	1	1									7	1			
11	/				1	1	1	/			1		1	/	/			-							/			
12	1				1	1	1	/			1		1	/	/									1	1			

		pH Ac	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
		********		70	****	
_		,-				-

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.

				12	1	10	8	8	7	6	Ø,		w	1	1000	ITEM#			Varhas	Phone:	Email	Suite 100	Compa	Section A
			ADDITIONAL COMMENTS	3	1	201	24	1247	228	42.35	14.25T	22-16	EDE-MIT-P7-17-WG-20120815	100 MTT- PZ-18-WG-20220815	12 80 THE STATE SALVE TOWN TO SALVE TO	SAMPLE ID One Character per box. (A-Z, 0-9 /, -) Sample ids must be unique			Tanda	21-3382	daniel howard2@woodpic.com	Suite 100 Kennessaw GA 30144		Face: Submitting a sa n A red Client Information:
		Dea	は無いるとは		4	V	V						-	_			00 gg		Project # 612 2 160170. 7207	Project Name	Purchase Order #	Copy To	Report To: Daniel Howard	CHAIN-OF-CUSTODY / Analyti The Chain-of-Custody is a LEGAL DOCUMENT Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions Section B Section C
			SINDM	¥.	3	4	4	\$	\$	M	WT	WT	M	*	M	MATRIX CODE (and valid or SAMPLE TYPE (G=GRAB		_	22	Mil	1	3	Daniel H	constit
18			RELINQUISHED BY! AFFILIATION													START DATE T			16017	Ichell 2022 2r	Delle	Stoods Gains	doward	utes acknow
PRINT		100	NOUTAN											BA	-	TIME	COLLECTED		0.2	AS D	-		I	vedgm
Name Name		(Wash	12										thish	125/2	845	DATE	CTED	1	202	1	1	5	1	The C
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER:		glisha	DATE										stista 1210	15/201035	1	TIME					-			CHAIN-OF-CUSTODY / Analyti The Chain-of-Custody is a LEGAL DOCUMENT ent and acceptance of the Pace Terms and Conditions Section C
PLER:		2	ᆏ										6	5	•	SAMPLE TEMP AT COLLECT	ION	+		J.			1	of-Cus
۾ اي		1 2											bi	C	5	# OF CONTAINERS		1	Pa	Pa	À	S	P T	Stody
		18/18	3ML										×	×	X	Unpreserved		1	Pace Profile #:	Pace Project Manager	Add/ess.	Company Name:	Invoice Information:	dy is a L the Pace Section C
																H2SO4			Side 8	ote	1	y Nar	a on	0 4 E Q
5		16	•		-				-	-			X	X	×	HNO3	Pre			dana		9	Tatio	SWE SWINS
		his			-	-	-		-	-	-					HCI	Preservatives		10834	8			ă	and Do
			8			-	-			\dashv	\dashv			-		NaOH Na2S2O3	ative			,				CON CON
100		10	ACCEPTE		-			1	\dashv		-					Methanol	- W		1000.0			1		N Signal
運		1.1	TOT											_	-	Other		H	-	-		+	+	
		1	BYTAFFLATION													#Analyses Test	YIN	Н	moughacaidos com	1				I rele
		1	Ę					_	-	-	_	_	_	-	×	CI, F, SO4		11	900			1		eq
	İ	18			-	_		_	_	_	_	-			×	TDS		2	300		П			L fiel
では強な		1	925	_	_	_	-	_	-	_	_	_		_	×	App III/IV Metals RAD 9315/9320	_	18	1			1	1	St I
						-	1		\dashv	-	-					RAU 9315/9320	-	100						Cela I
		13	靨		7						1						\vdash	uested Analysis Filtered (Y/N)				1		cal Request Document All relevant fields must be completed accurately. found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf
		4	DATE					1.1											1				1	me omp
- 19	4	12	游		_													1	T	П	1		•	nt letec
建筑		1	肾.		_	-			\dashv	-	4	_						3	15	11	500.5			acc
1		DZ.	TIME		-	-	-	-	-	-	-		-	-				7	19	П	8			
-	-	1-2	15-87 million	-	-+	-	\dashv	-	+	-	-	-	-	4	_				Ü	П	¥,		P	and tely
in C			200							-1		_	_		-	Day 4 at Chi		Ц	St	П	2		Page :	егт
red on		+	S	-	T	-			1	T	-1	V		. J	-	Residual Chlorina (Y/N)	100		State / Location		Regulatory Agency		ľ	<u>a</u>
	- [SAMPLE CONDIT			1						+	2	2 1			711.5	,	OCL		3		_	
Зу		+	8			1						1	11	E.	F				3		3			1
			9	_		_		_	_	_	_		15					8	图	П			Q	
-			ONUS				1					6	5	ント	i		198	質点	25.00		14.0			
Nes			W4	- 1	- 1						F	(FT 18	7	1		16 M	2	18	H	2			1

			E.	24	23	2	.21	20	19	18	17	16	15	4	13	ITEM#			Reque	Phone	Email	Address	Compa	Section A
	- Property and the second seco		ADDITIONAL COMMENTS						Ted	72-45	7278	72.7	MIT-PZ-P+NG-20220825	0	-	SAMPLE ID One Character per box. (A-Z, 0-91, -) Sample Ids must be unique Trases	LATRIX Protoco W		Requested Due Date 37274954	(770)421-3382 Fax	mad daniel howard? harvettle com		Client Information: Wood E&I (GA	CHAIN-OF-CUSTODY / Analyt The Chain-of-Custody is a LEGAL DOCUMENT A Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Condition
		Dan	RELIN				WI	WT	wī	W	WT	TW	82.5 WT	0925 W	0825 WT	교육중등문학동 대대 교육 등 등 등 기 등 등 등 등 등 등 등 등 등 등 등 등 등 등 등	COOR		Project # 6	Project Name	2	Copy To	Required Project Information:	ain of custody oc
			HSINO						_			-	1			SAMPLE TYPE (G=GRAB C		1	221	Mile	-	000	ct Infor	onstitut
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER:		and Howalf wood staste	RELINQUISHED BY I AFFILIATION													START DATE TIME	COLLECTED		6122160170,2202	19 2022 2nd Sa	Relle 3	Shood Guino	mation:	es acknowledgmi
Name (bad	が変										Shake	heles	81.32	DATE	CTED	П	0		1	>		The C
PRINT Name of SAMPLER:		Set 18	DATE							15			1600	Shid22 14 15		TIME			2		20			hain-of-
NATUR ER:												13			-	SAMPLE TEMP AT COLLECTION	N N	11			Į			Custo
in the second		18/10	TIME										X	SX	<u>بر</u>	# OF CONTAINERS Unpreserved			Pace Profile #:	Pace Quo	Address.	Company	Section C Invoice Inf	UST dy is a line Pace
と対象		0											X	Х	×	H2SO4 HNO3 HCI	Preser		ile #: 10834	Pace Quote		Name	Section C Invoice Information:	CHAIN-OF-CUSTODY / Analyt The Chain-of-Custody is a LEGAL DOCUMENT ent and acceptance of the Pace Terms and Condition
を変える		last	ACCEPT			1											Preservalives		nicole					Analy OCUMEN of Condition
		1				1		1								Methanol Other		H			+	+	_	
八選		M	D BY / AFFILIATION		1	7	>	< >	× :	×	×	× [×	×	×	Analyses Test Cl. F. SO4	Y/N		dieo@pacelabs.com					Ical Request Document All relevant fields must be complete found at https://info.paceabs.com/hubts.
		1	ATION				7	,	× 3	× ;	×	×	×	×	_	TDS		R	abs.com					que ant fie
				-	+	>	<	· >	-	_		-	-	-	-	App III/IV Metals RAD 9315/9320		Request	13			1		ist I
1,	-1	1 of	麗				+	1		Ħ	ď					IVID 33 19/8320		hed Anah	-					USI b
5.0		N	Đ	-	T	-	1	1				\Box					-1	alysis	1					e com
		1	DATE	+	+		+	+	+	+		-	-	+	+			rais Filtered	+	H	+			ent
		1				#												(N/A) pe	1					ed ac
		18	TIME	-	-	+	-		-	-	1	-	-	1	\dashv			S. C. C.	977		Y.	1	_	cal Request Document All relevant fields must be completed accurately found at https://info.pacebbs.com/hub/s/pass-standard-
in C			额												7	Residual Chlorine (Y/N)		1030	Stat	Phone	Barre		Page :	cal Request Document All relevant fields must be completed accurately. found at https://info.pacelabs.com/hub/s/pas-standard-forms.orf
ved on			SAM		T	1	1	1	T	T	T	T	1	57	_			GA.	State / Location	naguatory Agency			1	1
dy	4	1	SAMPLE CONDITIONS			1						1	1	2	#			Section 1	noite	Male		1	-	
1			ADIO	_		_						_6	4					2	100	Y			<u>_</u>	
les	+		SNO									Č	9	0 6	×		LAK	120 P-10	4.32	1				
			圈	- 1	1				1			Γ	-	ar			MESSA	\$	Q.		1		1	

	0
1	Pace
1	teneten trasco

Effective Date: 05/12/2022

Asheville Eden Greenwood	Huntersville	Raleigh	Mechanicsville Atlanta Kernersville
Sample Condition Upon Receipt Client Name:	Power	Pro	PM: NMG Due Date: 09/09/09
Courier: Gred Ex JUPS Commercial Pace	USPS Other:	Client	CLIENT: GA-GA Power
812	als Intact? (19394 5	□No	Date/Initials Person Examining Contents:
Thermometer:	Bubble Bags None	Othe	Biological Tissue Frozen? ☐Yes ☐No ☐N/A
Cooler Temp: Correction Face Cooler Temp Corrected (°C): USDA Regulated Soil (\sum N/A, water sample)	tor: 0.0	Wet □Blue	□None Temp should be above freezing to 6°C □Samples out of temp criteria. Samples on ice, cooling process has begun
Oid samples originate in a quarantine zone within the (check maps)? Yes No	ne United States: CA, NY,	or SC	Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No
			Comments/Discrepancy:
Chain of Custody Present?	→ Tes □No		1.
Samples Arrived within Hold Time?	☐Yes ☐No	□N/A	2,
Short Hold Time Analysis (<72 hr.)?	□Yes □M6	□N/A	3.
Rush Turn Around Time Requested?	□Yes □No	□N/A	4,
Sufficient Volume?	Ø7e5 □No	□N/A	5.
Correct Containers Used? -Pace Containers Used?	□Yes □No □Yes □No		5.
Containers Intact?	□ les □ No		7.
Dissolved analysis: Samples Field Filtered?	□Yes □No	/	8.
Sample Labels Match COC?	□Yes □No		9.
-Includes Date/Time/ID/Analysis Matrix:	W		
Headspace in VOA Vials (>5-6mm)?	Dvar Dua	1.6	10
Trip Blank Present?	☐Yes ☐No☐Yes ☐No	1.6	10. 11.
Trip Blank Custody Seals Present?		/	770
OMMENTS/SAMPLE DISCREPANCY	∐Yes □Na	EMA	Field Data Required? ☐Yes ☐No
		Lot	ID of split containers:
LIENT NOTIFICATION/RESOLUTION			pH Strip Lot# 10D4611
Person contacted:		Date/Time:	
Project Manager SCURF Review:			Date:
Project Manager SRF Review:			Date:



Effective Date: 05/12/2022

Check mark top half of box if pH and/or dechlorination is verified and

within the acceptance range for preservation samples. cceptions; VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LEHg.

*Bottom half of box is to list number of bottles

**Check all unpreserved Nitrates for chlorine

WO#: 92622406

Project PM: NM

Due Date: 09/09/22

CLIENT: GA-GA Power

1	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2504 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP427125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl [pH < 2]	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4CI (N/A)(CI-)	DG9H-40 mt vOA HCI (N/A)	VG9T-40 mL VOA Na252O3 (N/A)	VG9U-10 mLV0A Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG95-40 mL VOA H2504 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mt. Sterile Plastic (N/A - (3t))	SP2T-250 mL Sterile Plastic (N/A - 1913)	BRIN	8P38-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 inL Amber Unpreserved (N/A) (CL)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	1	1	1			1		1	1	1	İ								1				
2	1	1	1		1	1	1	1			1		1	1	1					*			1	2				
3	1				1	1	1	1			1		18,	1	N		İ		1		- Company			1	1			
4	1				1	1	1	1			1		1	1	1									n,				
5	1				1	1	1	1			1		N	1	K		Ī					Î	1	13	K			
6	1				1	1	X	1			1		1	1	I					İ	İ		İ					
7	1				1	1	1	1			1		1	1	1			İ	İ	İ		1	1	1	1			
8	1				1	1	1	1	1	-	1		1	1	1	1	1.			1		1	1	1				-
9	1				1	1	1	1			1	1	1	1	1		*		1.				1	1	1			
10	1				1	1	1	1			1	1	1	1	1			1	1	1				1	1		1	
11	1				1	1	1	1	1		1	1	1	1	1				-	1		1		1	1	1	1.	1
12	1				1	1	1	1			1			1	1									1	1			

Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation	Amount of Preservative	Lot #
•		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		adjusted	added	
	****				***	
					14:141	
						<u> </u>

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

Requested Due Date Standard Required Client Information: = 6 ddress 12 uite 100, Kennesaw, GA 30144 ompany. 9 ITEM # daniel howard2@woodplc.com 4 --- MIT-APAN-EB-01-WQ-20220826 Wood E&I (GA Power) 1075 Big Shanly Road MIT-PZ-57-HISMG-10220826 Sample lds must be unique One Character per box. (A-Z, 0-9/, -) SAMPLE ID ADDITIONAL COMMENTS Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hub/s/pas-standard-lerms.pdf MATRIX
Drinking Water
Waste Water
Waste Water
Waste Wife
Waste Wife
Au
Other
Tisser Project # 6/22/60/70 . 2202 Purchase Order Сору То Report To: Daniel Howard Required Project Information: 338858 AMA BO Janus Hrm. 4/Wood 8/26/22 RELINGUISHED BY I AFFILIATION S \$ Mahelle Barker 3 3 3 \$ \$ 3 3 3 M MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP) START SAMPLER NAME AND SIGNATURE SIGNATURE of SAMPLER. Hand COLLECTED PRINT Name of SAMPLER: 8/26/22 1120 Slucha OF IS DATE CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately. END DATE SAMPLE TEMP AT COLLECTION Attention:
Company Name: Ġκ # OF CONTAINERS Address 1600 Pace Project Manager Pace Quote TIME Unpreserved H2504 ниоз Preservatives HCI 10834 NaOH Howar ACCEPTED BY I AFFILIATION Na2S2O3 nicole d'oleo@pacelabs com Melhanol Other Analyses Test Y/N CL F. SO4 DATE Signed: TOS × × App III/IV Metals RAD 9315/9320 DATE TIME Page : TEMP in C Regulatory Agency Residual Chlorine (Y/N) Received on SAMPLE CONDITIONS の出に (Y/N) Sealed Q 20 (Y/N) Samples (Y/N)



CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

				ADDITIONAL COMMENTS					Đ-ĐT	¥-15-	A de	# PZ-33	# PZ-31	TD-O	PZ-1D	(A.Z. 0.91,-) (A.Z. nust be unique Pason Sample lds must be unique Pason	Water Water World Wuld Plestick Sourfoold On	Majeri		Due Date 3 - And 6 - A	de com	1075 Big Sharity Road (ennessw. GA 30144		
	1		Hand	2												15 OF SE	5 t ± M € 8	CODE		Project # 6 22 60170.	Purchase Order #	Copy to	Report To	Required Project information:
				RELINGUISHED BY LAFFILIATION			TW	IV	IW	N.	T.	THE C	MG	事の	\$ E	MATRIX CODE	(see valid cod	es to (eft)		93		Mhandalla.	Daniel Howard	Jec.
			1	HSIN					-	-		6	.0	(1)	(1)	SAMPLE TYPE	(G=GRAB C=	COMP)	1	2		3	HO!	101
	1		Howar	ED BY												DATE	m			0 10	1	10	vard	iatio
7	S.		5	TAFF		-		-	+	-	\vdash	\vdash	-				START			J		96		1
PR	MPL		8	LIAT												TIME	-	COL		2160170.	6	7		l
PRINT Name of SAMPLER:	SAMPLER NAME AND SIGNATURE		Wood	NO							1	-		10	100			COLLECTED			1 3	CHARLE TO		
PRINT Name of SAMPLER:	AME		2	3								5		8/24/22	8/24/22	DATE	m	ED		2202	1	2		l
of S	AND		100	4						1		G	7	1	1135		END			2			-	
AMPL	SIGN		8/24/02	DATE								1545	400	1	G	TIME							-	
ER	UTA		2										100			SAMPLE TEMP	AT COLLECTIO	NO.						
ジ	RE		1800	1								6	5		5	# OF CONTAINE	RS	1		Pace Profile # 108	Pace Quote	Company Name Address	Attention	medice midimation.
			00	HIME						1_		×	×	×	×	Unpreserved				Profi	Quoi	sarry I	lion	00
	1	-	-	_						-	-		10	56	~	H2S04		-		le #	6	Valle		1
-						-		-	-	-	-	×	×	×.	>.	HNO3	-	Preservatives		10		1		
F								-	-	\vdash	+	-				NaOH		EVIE		10834		İ		1
F				AC					1	-						Na2S2O3		live		DIE		1		
				CEPT		7										Methanol		10.		ole d		1		
	8			ACCEPTED BY I AFFILIATION												Other				mede d'aleo@paceiat				
-				LAF												Analyses	Test	Y/N		Spac	11			
1	3			TALL				×	×	×	×	×	×	×	×	CI, F, SO4								
	13			NO				×	×	×	×	×	×	×	×	TDS			Re	S. CDM				
1							×	×	×	×	×	×	×	×	×	App III/IV Meta RAD 9315/932			lues			-		
1	50			15				2	-		-	-				100 0010/002			A Da					
-				k							-								Requested Analysis Filtered (Y/N)					
0				DATE															SFI			1		
7	1			m,															tered		П	T		9
	+			9															MILL	ntationetto		1		
	-			TIME																- Interest		1	,	_
											_								11					Fa
in C								_	_			_				-	W1416		Ц	Sta	Kegi		-	Page:
	-	-		5	1		-	-			1 -	-			2	Residuel Chion	ne (1//N)			GA GA	lator			
red (SAMPLE CONDITIONS								Ho	H	I	7			-	16	State / Location GA	Regulatory Agency		1	11
dy	-	-		E CO						-		11	11	エニ	il			ole.	16	non	ency			
				NDIT							1	71	-	749	=7.49			1 8	13			1		O
_	_	-		SNO						1		0	H0.	0	19			. 1-2	3					
es				2						1								100	3			1	1	1

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

eceive e Y/N) ustody esied ooler Y/N) ample tect	EMP II	3	10.7	DATE Signed:	170	11	1 6	K	30	100	el Howard	100	ER Clarie	1	200	E OFFICE OM	SIGNATURE OF SAMPLER: V	SIG								
						1	1)				1		層	GNATI	SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER:	R NAM	SAMPLI								
		The second secon		-								+														
													0181		424	raterion	Mook	1 1	MDW-EAS	MON	Daniel					
SAMPLE CONDITIONS		3001	DATE	+		LIATION		100	ACCEPTED BY FAFE	1		+	y limit		100	DAIL DAIL	ON	1 2	, red	- Inside	T ALLEN	4)		ADDITIONAL COMMENTS	200110	
	E				×	×		L	-	-		1	L		-					-	TW					Paris de
					×	×	×			-		+								-	IM					77.14
The second of th		-			×	×	×			-		+	+		+					+	TW			A separate and a sepa		Fig.
				F	×	×	×		1	-			-		1	-				+	TW					ME-FB-
					×	×	×			-		1			-					-	TW					7
					×	×	×			1		1	-							-	TWT					FLEF
					×	×	×					1	-		-					-	TW.					T.
					×	×	×			-			-							-	N.					La Fall
				H	×	×	×			-		-	-							-	I.M.					1
0H=7,15					×	×	×			-		×	×	5	CO	804.1 27/50%	1/51/2			0	#W			2-15	P	6
H=7.							×					×	>		24	S1242 1212	\$1.0k			6	\$5			2-16	0	19-94
DH=6.67					×	×	×					*	×	5	60	24 1028	\$125/22			.0	₹ @			7-19	0	H-07
	Residual Chlorine (Y/N)				App III/IV Metals RAD 9315/9320	TDS	Analyses Test	Other	Methanol	NaOH Na2S2O3	HCI	HNO3	Unpreserved H2SO4	# OF CONTAINERS	SAMPLE TEMP AT COLLECT	END	DAIE	START	ST			18 0 2 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Water Waster Waster Product SoutSold Oil Whise An Oiles	SAMPLE ID One Character per box. (A-Z, 0-9 i , -) Sample ids must be unique	SAMPLE ID the Character per box (PAZ, D-91, -) imple lds insist be unit	Sam
							Y/N		0	alive	Preservatives	P			DAV		СОГГЕСТЕР	COL		COMP)			MALAM			
GA	-	INIT	Requested Applysis Fillered (Y/N)	d Analysi	equesto	2		1		-	10834	#	Tace Prome #	ace.		7077	-	1010	100	7		1 tolate u		DARTO	JTan	1000
State / Location	State /				9,	lans som,		(Doele	нсов-фовофрас	11 1	aget	I Mai	Pace Project Manager	Райы		2	1 1	Mitchell 2022 2nd SA	# 2022	Milch	2	Project Nague		Fax.	(770)421-3382	(770)42 Due Date
Regulatory Agency	Regulati		+										Pace Quote	Pace Qu		7	N-K	0	1	7	Purchase Order #	Purctia		pic.com	aniel howard2@woodpic.com	nel howa
												dille	Company Name	Com			DOLL	0	73	nov	1	Сору То		Road	1075 Big Sharity Road	1075
or or	rage:	Г	_		1								non.	Attention					grad	el How	To Dan	Report to		ower)	Wood ESI (GA Power)	Wood
											on:	Januari Januari	Invotce information:	lovoi					ations	inform	Required Project Information:	Requir			tunition:	Client Information:

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

1	in		1	1	000	T		T		E		k .	1	7.	AMPLE	me of S.	PRINT Name of SAMPLER:	P							
on											-		,"	TUR	SIGNA	ME AND	SAMPLER NAME AND SIGNATURE	SAMP				-			
																-									
												0	1800	1 1	8/24/22	(8)	Moul	promote !	75		diam's	0			
SAMPLE CONDITIONS		TIME	DATE		ILIATION		HYH	ACCEPTED BY I AFF	ACCE			4.Rt	TIME		DATE		NOITA	RELINQUISHED BY / AFFILIATION	ED BY	HSIND	RELIN			ADDITIONAL COMMENTS	ADDITIO
				×	×	×	-				-			-		-	-				WT				A
				×	×	×			1	-	+			-			-				TW				P2-14
				×	×	×	1	1		+	-		1	+	-	-	-			L	TW				P-2-91
				×	×	×				+	+		1	+		+	-			1	TW				R-A-10
				×	×	×				-	-			-			-				TW				PE-57
				×	×	×	-	1		+	-			-						1	TW				F-39
				×	×	×	-	1	4	+	-		1	-	-	-					TW				P. S. S. S. S. S. S. S. S. S. S. S. S. S.
				×	×	×	1			1	-			-	1	-					VJT				P.2-2-97
017-Hd				×	×	×	1			-	×		×	Gi	1546		2			\$5	35			Z-25	D.
PH=7.34				×	×	×		-			×		×	Gr.	1416	12	0			0	TE C		and Control of Control	2-32	37
0H=8.01				×	×	×					×.		×	en	1132	11.				S. S.	£2.			2-20	P2
				×	×	×					×		×	U	00	3/24/2 1000	3/2			S	£5			B-01	T
	Residual Chlorine (Y/N)			RAD 9315/9320	TDS App III/IV Metals	CI, F, SO4	Other Analyses Test	Methanol	Ne2S2O3	NaOh	HCI	H2SO4	Unpreserved	# OF CONTAINERS	SAMPLE TEMP AT COLLECTI	<u>Z</u>	DAIE E	START	DATE IS	SAMPLE TYPE (G=GRAB C	MATRIX CODE (see valid co	25 \$ \$ 5 \$ 4 \$ 5 \$ 4 \$ 5	Waste Water Waste Water Product SoutSolid Oil Willie Value Au United	SAMPLE ID One Character per box. (A-Z, 0-9 i, -) Sample ids must be unique	SAMPLE ID One Character per box. (A-Z, 0-9 f, -) Sample lds must be unic
	Ħ						Y/N	-	ves	Preservatives	eser ^c			011	000	0	соптество	00		=COMP)		cop	MATRIX	*	
S	-	(N/A)	sis Filtered (Y/N	Requested Analysis	Requ		-							1		1	50			0	1			1	1
State / Location	State				labs.com,	acelab	dello	Incole d'oleo@pace	tucon	- 11	100	Pace Project Manager Pace Profile # 10834	Se Pa	9 10		20	122160170.1202	2 160170	16/	Miles	0 10	Project Warne		Tox N	Due Date 5+
												ole.	Pace Quote	Pe							Order#	Purchasi		dplc con	agiel howard2@woodpic.com
Regulatory Agency	Regulat		1										Address	Ad		40	5 A	2	1	14	Wichelly			1.	Kennesaw, GA 30144
		1									9	Attention:	Attention:	3 3)	brak	Daniel Howard	C Dan	Report to		Power)	Wood F&I (GA Power)
1 Of 1	Page:										ation	Invoice Information:	oice.	In				5	nation	inform	Required Project Information:	Require			Sherit Information:



CHAIN-OF-CUSTODY / Analytical Request Document

Part Part	ustody aled poler (N) smples	WP in (102	r GE	Trer	1	-	1	4	-	5	÷	9	PRINT Name of SAMPLER:	ame of S	PRINT	_							
Part Part	on		W	8				14.		8	1		JAN.	SIGNAT	AME ANI	MPLER N	SA							
Part Part																								
Delication Del							1					10		25/22		Wood	10	ma	aniel !	7				
Page 1 Or	SAMPLE CONDITIONS	IME		D.	NCIT	FFILIA	BYIA	EPTED	ACC			HME		DATE		HIATION	BYIAFF	QUISHE	RELIN			AL COMMENTS	ADDITION	
Page 1 Page 1																								
Page Page					×														W					
Action A				×	×	×												-	WI	F				
SAMPLE ID				×	1	×	_		-			-		-	+	+		-	WI					#
Page Page				×	-	×		-	-			-					1	-	WI					4
Page 1 Of	The state of the s			×		×						-			-				WI					7
Page Page				×		×	_												WI					Ŧ
Information: Required Project Information: Required Proj	7.0			×		×	1				×	X		Ois	3/24/	3		10	¥.			177	pZ	4
Respirit Project Information: Invoice Information: Page: // Of Invoice Information: Invoice Information: Invoice Information: Invoice Information: Invoice Information: Invoice Information: Attention: Company Name: Address: Respirit Project Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Address: Respirit Project Information: Invoice Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Information: Address: Respirit Project Informati	6.7			×		*					×	×		235	\$122 JU	4/2		10	31			1	20	218
Required Project Information: Invoce Information: Required Project Information: Required Project Information: Required Project Information: Reputation Project Information Project Information Project Information Project Information Project Information Project Information Project Information Information Project Information Information Information Information Information Information Information Information Information Information Information Information Information Information	6.7			×		×					×	×	·	1	5/22	42		, ©	33			-02	FD	233
Required Project Information: Required Project Information: Required Project Information: Required Project Information: Report To Daniel Howard Copy To R Alle Alle Company Name Copy To R Alle Alle Company Name Address: Purchase Order # Project Name Internal 2022 2nd SA Project Name Int	S100 C 1100	Pacidial Chirona IVIN		RAD 9315/9320										HMI		M n	> ×			SL 10 10 10 10 10 10 10 10 10 10 10 10 10	Washe Washe Washe Washe Product Solliso On Washe Air Otton Tissue	EID per bex. 1,-) st be unique	SAMPI to Characte (A-Z, 0-9 nple tds mu	S 0 00
Required Project Information: Report To Daniel Howard Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Copy To Residence Residence Residence Residence Residence Copy To Residence Residence Residence Copy To Residence Residence Residence Copy To Residence Residence Residence Copy To Residence Residence Residence Copy To Residence Residence Residence Residence Copy To Residence Residence Residence Residence Copy To Residence Residence Residence Residence Copy To Residence Residence							Y/N		tives	serva	Pre			DN .	EO	COLLECT		COMP)		EC.	MAIR			
Required Project Information: Report To Dariel Howard Copy To Report To Dariel Howard Copy To Report To Dariel Howard Copy To Report To Company Name Address Purchase Order # Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interiol 2022 2nd SA Project Name Interior Int	- 1117 145 CANA		Filtered (Y/N	ested Analysis	Requ		+						1	-				1	-					1
Required Project Information: Report To Darniel Howard Copy to Required Project Market Address Purchase Order it: Section C Page: // Of i	e/Location GA	Sta		100	s.com	acelab	යගුහ	ile d'oli		10834	# Man	Projec	Pace		02	0, 22	017	Milche (2) 6	Wame	Project		Salard	421-3382 576	(779) 6 Date
Required Police Information: Invoice Information: I	man J Cylency	, and	1			-						Quote	Pac						se Order #	Purcha		ila com	ard2@wood	I howe
Required Project Information: Section C Report Report to Daniel Howard Attention: Page: 2 Of 1	The second secon		T								SHIP	BBS.	Addi	1	70			C. C.	3	folion		NO.	v. GA 30144	mesaw
Required Project Information: Invoice Information: Page: 1/2 Of												tion	Alle			-		let How		Report		ower)	HIS SPEND	Moor
	of i	Page :								:00	itemati	ce Inte	Invo		-		ation:	Inform	ed Project	Requir			armation:	ent lute



CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

copy ed er ples	AP in C		ver Caillen	1	Udi	7	0		=	-	1	-	MPLER	me of SA	SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER:	SA						
											1810		8/25/22		Wood	10	Howay	James !				
SAMPLE CONDITIONS		TIME	DATE		ILIATION		ACCEPTED BY I AFF	ACCEP			TIME		DATE		ILIATION	RELINGUISHED BY / AFFILIATION	AGUISHE	RELIN			ADDITIONAL COMMENTS	ADI
				×	×	×												TW				757
				×	×	×												IW				2-44
				×	×	×			-									TW				1
				×	×	×								-	-		1	TW				67:719-
A CONTRACT OF STREET OF STREET, STREET				×	×	×					-							WT				1557
	_			×	×	×			-	F	+		-				-	I.M.				1
THE REAL PROPERTY AND PERSONS ASSESSED.				×	×	×			1				-	-		-	-	TW				74.15
				×	×	×	1		1								F	IM				-2-20A
,				×	×	×					-		-				-	TW				1
OH=6.93				×	×	×			-	×	×	CK	00	8/24/22 1600	2/2		#S	35			7-14	6
H=6,0					×	×				×	×		C	21H1 12/22/8	8/2		を	15			Z-7D	つじ
0H=6.76				×	×	×				×	×	S	1608		8/25/22		FE G	15			Z-23A	7
	Residual Chlorine (Y/N)			RAD 9315/9320	TDS App III/IV Metals	Analyses Test	Other	Na2S2O3 Methanol	HCI NaOH	HNO3	Unpreserved H2SO4	≠ OF CONTAINERS	SAMPLE TEMP AT COLLECTION	END DATE TIME	£.	START	SAMPLE TYPE (G*GRAB C=	MATRIX CODE (see valid cook	Limbing Waster DW Waste William WW Waste William WW WW WASTER WW WASTER	Problem Wante Wante Wante Wante Product Solitan Sulfan Sulfan Sulfan An Chun Fusture F	SAMPLE ID One Character per hox. (A-Z, 0-9 i, -) Sample lds must be unique	SAN One Cha
						Y/N		ves	Preservatives	Pres			N N	D	COLLECTED		COMP)		WAIRIN EC	WA		
GA	-	(N/V)	vsis Filtered	Requested Analysis Filtered (Y/N)	Rea				0007	1		1		1	1	600	000	-				- 1
State / Location	State /	Total state of			nicole d'oleogopacetans com	ppacels	dioteof	Hicole	2	1	Pace Profile # 1063	Pace		20	0.2200	Michell 2022 2nd-SA	Milche	n d	Project Na		34 1 1 ax	(770)421-3362 Due Date 5+
Regulatory Agency	Regulan										Pace Quote	ang _{el}		100	Dar ber			Purchase Order #.	Puidu		ile e.a	oward2@
										Tie .	Company Name	Company			2017	0	N. Hand	N. N.	Сору То		1075 Big Sharry Road nesaw, GA 30144	1075 Big Shanty F Kennesaw, GA 30144
	1 110	Г									ion:	Attention				hd	Daniel Howard	To Dar	Report To		Wood ESI (GA Power)	food ESI (
of	Page :	_							6	mation	invoice information:	invoic				mon:	Informe	Required Project Information:	Requi		000	Sherit Information:

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

ody d ar	6						-	3		100	A	1		Signature Comments	2000	1							
y	in C						T	Howard	7	4	2	一篇	MPLER	SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER:	PRINT N	SA							
																				i de la companya de l	111111111111111111111111111111111111111		
											1600		8/26/22		Wood	-	200	2	Daniel Howard				
SAMPLE CONDITIONS	r.	ЭМП	DATE	NO	FILIATION	ACCEPTED BY I AFFI	HOEDE	ACCE			TIME		DATE	-	LIATION	RELINQUISHED BY I AFFILIATION	JISHED	ELINOI	17		STP	ADDITIONAL COMMENTS	
				×	×		-		-		-		-				6	J.W					add the
- International Control of the Contr				×	×		-				-		-		-			WI					+
				×	×		-		+		+		-			-	+	WI	-				-15-5
				×	×		-		+		-		-	-		-	+	WT					-03-5
				× ×	×		-		+		-		-			-	+	TW			ŀ		457
				×	×		-		-		-		-		-	-	-	FW					4-54
				×	×		+				-		+			-	+	FW					1
				×	×	_	-		+		-		-			-	+	T.W					THE STATE OF THE S
				×	×	,			-		-		-				+	E.M.					7
				×	×	1	-				-							TW					0-08-
DH=7.09				×	×					×	×	UK.	1120	11 21/2/8	04		6.	\$S			7	PZ-5	\$
				×	×					Ж.	×	5	Ē.	8/26/22 0915	3/2		عر	TE D				E8-01	407
STATE STATE	Residual Chlorine (Y/N)			App (II/IV Metals RAD 9315/9320	CLF, SO4 TDS	Analyses Test	Methanol Other	Na25203	NaOF	HNOS	Unpreserved H2SO4	# OF CONTAINERS	SAMPLE TEMP AT GOLLECTIO	END END	ME	START	SAMPLE TYPE (G=GRAB C=	MATRIX CODE (see volid coo	25 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	Water Water Water Waste Waste Water Spinsted Oil Water August August Augus Aug		SAMPLE ID Che Character per box. [A-Z, 0-91, -) Sample lds must be unique	8 9 CO
						Y/N		ves	Preservatives	Pres			N N	D	COLLECTED		COMP		CODE	REMOX			
		(N/Y) be	lysis Filter	Requested Analysis Filtered (Y/N)		П							1				-	-					
GA GA	Stat			Color	energe cont.	Speting	- Color	and in the second	10834	1	Pace Proble #	Pace		02	0. 2202	Project # 6122160170.	211	2	a# 6	Proje		Due Dale Standard	ue Date
							A. de		9	Manao	Page Project Manager	Page 9			VS	20222	Archael	0 0	Project Name	Prop		(770)421-3382 Fax	(770)
Regulatory Agency	Regul						11		П		255	Address		7	Bar Ker	C i	100	Michelle				Kennesaw, GA 30144	Grinesav
										na	Attention Name	Attention				2	Howa	Daniel Howard	Copy To	Rep		1075 Big Shanty Road	1075
1 Of 1	Page:									mation	Invoice Information:	Invo				tion;	forma	ject in	15	Req		Tient Information:	ient inte





October 24, 2022

Michelle Barker WOOD E&I 1075 Big Shanty Rd Suite 100 Kennesaw, GA 30144

RE: Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Dear Michelle Barker:

Enclosed are the analytical results for sample(s) received by the laboratory between August 25, 2022 and August 27, 2022. 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

Revision 1: Issued on 10/24/22 to include the Radium QC sheets.

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

Sincerely,

Nicole D'Oleo

nicole.d'oleo@pacelabs.com (704)875-9092

Micole D'oler

Project Manager

Enclosures

cc: Joju Abraham, Georgia Power-CCR Noelia Gangi, Georgia Power Ben Hodges, Georgia Power Kristen Jurinko Laura Midkiff, Georgia Power Ms. Lauren Petty, Southern Company

> Rhonda Quinn, WOOD E&I Michael Smilley, Georgia Power

Tina Sullivan, ERM Greg Wrenn, WOOD E&I





CERTIFICATIONS

Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590 Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA Colorado Certification #: PA01547 Connecticut Certification #: PH-0694

Delaware Certification EPA Region 4 DW Rad

Florida/TNI Certification #: E87683 Georgia Certification #: C040 Florida: Cert E871149 SEKS WET

Guam Certification Hawaii Certification Idaho Certification Illinois Certification Indiana Certification Iowa Certification #: 391

Kansas/TNI Certification #: E-10358 Kentucky Certification #: KY90133 KY WW Permit #: KY0098221 KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012 Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020 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 #: PA014572018-1 New Hampshire/TNI Certification #: 297617 New Jersey/TNI Certification #: PA051 New Mexico Certification #: PA01457

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 #: PA200002-010 Pennsylvania/TNI Certification #: 65-00282 Puerto Rico Certification #: PA01457 Rhode Island Certification #: 65-00282

South Dakota Certification
Tennessee Certification #: 02867

Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
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 Wyoming Certification #: 8TMS-L



SAMPLE SUMMARY

Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92622406005	PZ-1D	Water	08/24/22 11:35	08/25/22 09:40
92622406006	FD-01	Water	08/24/22 00:00	08/25/22 09:40
92622406007	PZ-31	Water	08/24/22 14:00	08/25/22 09:40
92622406008	PZ-33	Water	08/24/22 15:45	08/25/22 09:40
92622414006	FB-01	Water	08/24/22 10:00	08/25/22 14:47
92622414007	PZ-2D	Water	08/24/22 11:32	08/25/22 14:47
92622414008	PZ-32	Water	08/24/22 14:10	08/25/22 14:47
92622414009	PZ-25	Water	08/24/22 15:45	08/25/22 14:47
92622414010	PZ-19	Water	08/25/22 10:28	08/26/22 10:00
92622414011	PZ-16	Water	08/25/22 12:12	08/26/22 10:00
92622414012	PZ-15	Water	08/25/22 14:08	08/26/22 10:00
92622414013	FD-02	Water	08/25/22 00:00	08/26/22 10:00
92622414014	PZ-18	Water	08/25/22 10:35	08/26/22 10:00
92622414015	PZ-17	Water	08/25/22 12:10	08/26/22 10:00
92622414016	PZ-23A	Water	08/25/22 16:08	08/26/22 10:00
92622414017	PZ-7D	Water	08/25/22 14:10	08/26/22 10:00
92622414018	PZ-14	Water	08/25/22 16:00	08/26/22 10:00
92622414019	EB-01	Water	08/26/22 09:15	08/27/22 11:15
92622414020	PZ-57	Water	08/26/22 11:20	08/27/22 11:15



SAMPLE ANALYTE COUNT

Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92622406005	PZ-1D	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622406006	FD-01	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622406007	PZ-31	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622406008	PZ-33	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414006	FB-01	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414007	PZ-2D	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414008	PZ-32	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414009	PZ-25	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414010	PZ-19	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414011	PZ-16	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414012	PZ-15	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414013	FD-02	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414014	PZ-18	EPA 9315	RMS	1	PASI-PA

REPORT OF LABORATORY ANALYSIS



SAMPLE ANALYTE COUNT

Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414015	PZ-17	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414016	PZ-23A	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414017	PZ-7D	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414018	PZ-14	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414019	EB-01	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA
92622414020	PZ-57	EPA 9315	RMS	1	PASI-PA
		EPA 9320	VAL	1	PASI-PA
		Total Radium Calculation	JAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92622406005	PZ-1D					
EPA 9315	Radium-226	0.0152 ± 0.0651 (0.168)	pCi/L	(09/22/22 09:17	
EPA 9320	Radium-228	C:89% T:NA 0.181 ± 0.549 (1.24) C:71% T:82%	pCi/L	(09/13/22 16:10	
Total Radium Calculation	Total Radium	0.196 ± 0.614 (1.41)	pCi/L	(09/22/22 16:48	
2622406006	FD-01					
EPA 9315	Radium-226	0.0157 ± 0.0669 (0.172) C:94% T:NA	pCi/L	(09/22/22 19:40	
EPA 9320	Radium-228	0.131 ± 0.246 (0.540) C:76% T:86%	pCi/L		10/04/22 12:28	
Total Radium Calculation	Total Radium	0.147 ± 0.313 (0.712)	pCi/L		10/05/22 16:55	
2622406007	PZ-31					
EPA 9315	Radium-226	0.0843 ± 0.0839 (0.158) C:93% T:NA	pCi/L	(09/22/22 09:17	
EPA 9320	Radium-228	0.697 ± 0.607 (1.23) C:70% T:88%	pCi/L	(09/13/22 16:10	
Total Radium Calculation	Total Radium	0.781 ± 0.691 (1.39)	pCi/L	(09/22/22 16:48	
2622406008	PZ-33					
EPA 9315	Radium-226	0.0107 ± 0.0845 (0.220) C:84% T:NA	pCi/L	(09/22/22 09:17	
EPA 9320	Radium-228	0.753 ± 0.662 (1.35) C:69% T:89%	pCi/L	(09/13/22 16:10	
Total Radium Calculation	Total Radium	0.764 ± 0.747 (1.57)	pCi/L	(09/22/22 16:48	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92622414006	FB-01					
EPA 9315	Radium-226	-0.0245 ± 0.0516 (0.174)	pCi/L		09/22/22 09:17	
EPA 9320	Radium-228	C:88% T:NÁ 0.463 ± 0.672 (1.45) C:72%	pCi/L		09/13/22 16:10	
Total Radium Calculation	Total Radium	7:75% 0.463 ± 0.724 (1.62)	pCi/L		09/22/22 16:48	
92622414007	PZ-2D	,				
EPA 9315	Radium-226	-0.00215 ± 0.0602 (0.171) C:91% T:NA	pCi/L		09/22/22 09:17	
EPA 9320	Radium-228	0.0268 ± 0.601 (1.39) C:74% T:80%	pCi/L		09/13/22 16:10	
Total Radium Calculation	Total Radium	0.0268 ± 0.661 (1.56)	pCi/L		09/22/22 16:48	
92622414008	PZ-32					
EPA 9315	Radium-226	0.0960 ± 0.102 (0.206) C:91% T:NA	pCi/L		09/22/22 09:17	
EPA 9320	Radium-228	0.246 ± 0.478 (1.05) C:75% T:92%	pCi/L		09/13/22 16:10	
Total Radium Calculation	Total Radium	0.342 ± 0.580 (1.26)	pCi/L		09/22/22 16:48	
2622414009	PZ-25					
EPA 9315	Radium-226	0.205 ± 0.130 (0.208) C:85% T:NA	pCi/L		09/22/22 09:17	
EPA 9320	Radium-228	0.559 ± 0.363 (0.683) C:79% T:90%	pCi/L		09/13/22 16:48	
Total Radium Calculation	Total Radium	0.764 ± 0.493 (0.891)	pCi/L		09/22/22 16:48	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit Ar	nalyzed	Qualifiers
2622414010	PZ-19					
EPA 9315	Radium-226	0.148 ± 0.118 (0.207)	pCi/L	09/22	/22 09:17	
EPA 9320	Radium-228	C:77% T:NA 0.789 ± 0.405 (0.693) C:74%	pCi/L	09/13	/22 16:48	
Total Radium Calculation	Total Radium	T:86% 0.937 ± 0.523 (0.900)	pCi/L	09/22	/22 16:48	
2622414011	PZ-16					
EPA 9315	Radium-226	0.202 ± 0.137 (0.237) C:89% T:NA	pCi/L	09/22	/22 08:36	
EPA 9320	Radium-228	0.526 ± 0.405 (0.792) C:76% T:80%	pCi/L	09/13	/22 16:48	
Total Radium Calculation	Total Radium	0.728 ± 0.542 (1.03)	pCi/L	09/22	/22 16:48	
2622414012	PZ-15					
EPA 9315	Radium-226	0.115 ± 0.115 (0.228) C:83% T:NA	pCi/L	09/22	/22 08:38	
EPA 9320	Radium-228	0.934 ± 0.453 (0.784) C:79% T:88%	pCi/L	09/13	/22 16:48	
Total Radium Calculation	Total Radium	1.05 ± 0.568 (1.01)	pCi/L	09/22	/22 16:48	
2622414013	FD-02					
EPA 9315	Radium-226	0.0573 ± 0.0802 (0.171) C:87% T:NA	pCi/L	09/22	/22 08:40	
EPA 9320	Radium-228	0.771 ± 0.533 (1.05) C:71% T:90%	pCi/L	09/13	/22 16:54	
Total Radium Calculation	Total Radium	0.828 ± 0.613 (1.22)	pCi/L	09/22	/22 16:48	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
	PZ-18		O o			
92622414014		0.0404	0.11		22/22/22 22	
EPA 9315	Radium-226	0.0434 ± 0.0826 (0.190)	pCi/L		09/22/22 08:40	
EPA 9320	Radium-228	C:88% T:NA -0.0394 ± 0.528 (1.21) C:71%	pCi/L		09/13/22 16:54	
Total Radium Calculation	Total Radium	T:91% 0.0434 ± 0.611 (1.40)	pCi/L		09/22/22 16:48	
92622414015	PZ-17					
EPA 9315	Radium-226	0.217 ± 0.134 (0.213) C:83% T:NA	pCi/L		09/22/22 08:41	
EPA 9320	Radium-228	0.763 ± 0.527 (1.02) C:74%	pCi/L		09/13/22 19:25	
Total Radium Calculation	Total Radium	T:92% 0.980 ± 0.661 (1.23)	pCi/L		09/22/22 16:48	
92622414016	PZ-23A					
EPA 9315	Radium-226	0.132 ± 0.105 (0.181) C:86% T:NA	pCi/L		09/22/22 08:12	
EPA 9320	Radium-228	0.264 ± 0.368 (0.786) C:77% T:89%	pCi/L		09/13/22 18:43	
Total Radium Calculation	Total Radium	0.396 ± 0.473 (0.967)	pCi/L		09/22/22 16:48	
92622414017	PZ-7D					
EPA 9315	Radium-226	0.0294 ± 0.0630 (0.148) C:86% T:NA	pCi/L		09/22/22 08:13	
EPA 9320	Radium-228	0.742 ± 0.493 (0.926) C:72% T:86%	pCi/L		09/13/22 18:43	
Total Radium Calculation	Total Radium	0.771 ± 0.556 (1.07)	pCi/L		09/22/22 16:48	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92622414018	PZ-14					
EPA 9315	Radium-226	0.00925 ± 0.0751 (0.199) C:90% T:NA	pCi/L		09/22/22 08:14	
EPA 9320	Radium-228	0.444 ± 0.433 (0.889) C:79% T:92%	pCi/L		09/13/22 18:43	
Total Radium Calculation	Total Radium	0.453 ± 0.508 (1.09)	pCi/L		09/22/22 16:48	
92622414019	EB-01					
EPA 9315	Radium-226	0.0271 ± 0.0875 (0.217) C:78% T:NA	pCi/L		09/22/22 08:14	
EPA 9320	Radium-228	0.548 ± 0.457 (0.907) C:74% T:87%	pCi/L		09/13/22 18:44	
Total Radium Calculation	Total Radium	0.575 ± 0.545 (1.12)	pCi/L		09/22/22 16:48	
92622414020	PZ-57					
EPA 9315	Radium-226	0.135 ± 0.117 (0.219) C:87% T:NA	pCi/L		09/22/22 08:14	
EPA 9320	Radium-228	0.353 ± 0.354 (0.732) C:80% T:87%	pCi/L		09/21/22 15:04	
Total Radium Calculation	Total Radium	0.488 ± 0.471 (0.951)	pCi/L		09/22/22 16:48	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-1D PWS:	Lab ID: 9262 Site ID:	2406005 Collected: 08/24/22 11:35 Sample Type:	Received:	08/25/22 09:40	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0152 ± 0.0651 (0.168) C:89% T:NA	pCi/L	09/22/22 09:17	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.181 ± 0.549 (1.24) C:71% T:82%	pCi/L	09/13/22 16:10	15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.196 ± 0.614 (1.41)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: FD-01 PWS:	Lab ID: 9262240 Site ID:	Collected: 08/24/22 00:00 Sample Type:	Received:	08/25/22 09:40	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Ser	rvices - Greensburg				
Radium-226	EPA 9315	0.0157 ± 0.0669 (0.172) C:94% T:NA	pCi/L	09/22/22 19:40	13982-63-3	
	Pace Analytical Ser	rvices - Greensburg				
Radium-228	EPA 9320	0.131 ± 0.246 (0.540) C:76% T:86%	pCi/L	10/04/22 12:28	3 15262-20-1	
	Pace Analytical Ser	rvices - Greensburg				
Total Radium	Total Radium Calculation	0.147 ± 0.313 (0.712)	pCi/L	10/05/22 16:55	5 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-31 PWS:	Lab ID: 9262 Site ID:	2406007 Collected: 08/24/22 14:00 Sample Type:	Received:	08/25/22 09:40	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				-
Radium-226	EPA 9315	0.0843 ± 0.0839 (0.158) C:93% T:NA	pCi/L	09/22/22 09:17	7 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.697 ± 0.607 (1.23) C:70% T:88%	pCi/L	09/13/22 16:10	0 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.781 ± 0.691 (1.39)	pCi/L	09/22/22 16:48	8 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-33 PWS:	Lab ID: 926224 0 Site ID:	O6008 Collected: 08/24/22 15:45 Sample Type:	Received:	08/25/22 09:40	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Se	rvices - Greensburg				
Radium-226	EPA 9315	0.0107 ± 0.0845 (0.220) C:84% T:NA	pCi/L	09/22/22 09:17	13982-63-3	
	Pace Analytical Se	rvices - Greensburg				
Radium-228	EPA 9320	0.753 ± 0.662 (1.35) C:69% T:89%	pCi/L	09/13/22 16:10	15262-20-1	
	Pace Analytical Se	rvices - Greensburg				
Total Radium	Total Radium Calculation	0.764 ± 0.747 (1.57)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: FB-01 PWS:	Lab ID: 92622 Site ID:	2414006 Collected: 08/24/22 10:00 Sample Type:	Received:	08/25/22 14:47	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical S	Services - Greensburg				
Radium-226	EPA 9315	-0.0245 ± 0.0516 (0.174) C:88% T:NA	pCi/L	09/22/22 09:17	13982-63-3	
	Pace Analytical S	Services - Greensburg				
Radium-228	EPA 9320	0.463 ± 0.672 (1.45) C:72% T:75%	pCi/L	09/13/22 16:10	15262-20-1	
	Pace Analytical S	Services - Greensburg				
Total Radium	Total Radium Calculation	0.463 ± 0.724 (1.62)	pCi/L	09/22/22 16:48	7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-2D PWS:	Lab ID: 9262 Site ID:	22414007 Collected: 08/24/22 11:32 Sample Type:	Received:	08/25/22 14:47	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	-0.00215 ± 0.0602 (0.171) C:91% T:NA	pCi/L	09/22/22 09:17	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.0268 ± 0.601 (1.39) C:74% T:80%	pCi/L	09/13/22 16:10	15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.0268 ± 0.661 (1.56)	pCi/L	09/22/22 16:48	7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-32 PWS:	Lab ID: 92622 Site ID:	2414008 Collected: 08/24/22 14:10 Sample Type:	Received:	08/25/22 14:47	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg			_	
Radium-226	EPA 9315	0.0960 ± 0.102 (0.206) C:91% T:NA	pCi/L	09/22/22 09:17	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.246 ± 0.478 (1.05) C:75% T:92%	pCi/L	09/13/22 16:10	15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.342 ± 0.580 (1.26)	pCi/L	09/22/22 16:48	7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-25 PWS:	Lab ID: 92622 Site ID:	2414009 Collected: 08/24/22 15:45 Sample Type:	Received:	08/25/22 14:47	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.205 ± 0.130 (0.208) C:85% T:NA	pCi/L	09/22/22 09:1	7 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.559 ± 0.363 (0.683) C:79% T:90%	pCi/L	09/13/22 16:48	8 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.764 ± 0.493 (0.891)	pCi/L	09/22/22 16:48	8 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-19 PWS:	Lab ID: 9262 Site ID:	2414010 Collected: 08/25/22 10:28 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.148 ± 0.118 (0.207) C:77% T:NA	pCi/L	09/22/22 09:17	7 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.789 ± 0.405 (0.693) C:74% T:86%	pCi/L	09/13/22 16:48	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.937 ± 0.523 (0.900)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-16 PWS:	Lab ID: 9262 Site ID:	2414011 Collected: 08/25/22 12:12 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.202 ± 0.137 (0.237) C:89% T:NA	pCi/L	09/22/22 08:36	3 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.526 ± 0.405 (0.792) C:76% T:80%	pCi/L	09/13/22 16:48	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.728 ± 0.542 (1.03)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-15 PWS:	Lab ID: 926224 Site ID:	14012 Collected: 08/25/22 14:08 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Se	ervices - Greensburg			_	
Radium-226	EPA 9315	0.115 ± 0.115 (0.228) C:83% T:NA	pCi/L	09/22/22 08:38	13982-63-3	
	Pace Analytical Se	ervices - Greensburg				
Radium-228	EPA 9320	0.934 ± 0.453 (0.784) C:79% T:88%	pCi/L	09/13/22 16:48	3 15262-20-1	
	Pace Analytical Se	ervices - Greensburg				
Total Radium	Total Radium Calculation	1.05 ± 0.568 (1.01)	pCi/L	09/22/22 16:48	7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: FD-02 PWS:	Lab ID: 9262 Site ID:	2414013 Collected: 08/25/22 00:00 Sample Type:	Received:	08/26/22 10:00 I	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0573 ± 0.0802 (0.171) C:87% T:NA	pCi/L	09/22/22 08:40	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.771 ± 0.533 (1.05) C:71% T:90%	pCi/L	09/13/22 16:54	15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.828 ± 0.613 (1.22)	pCi/L	09/22/22 16:48	7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-18 PWS:	Lab ID: 9262 Site ID:	2414014 Collected: 08/25/22 10:35 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0434 ± 0.0826 (0.190) C:88% T:NA	pCi/L	09/22/22 08:40	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	-0.0394 ± 0.528 (1.21) C:71% T:91%	pCi/L	09/13/22 16:54	15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.0434 ± 0.611 (1.40)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-17 PWS:	Lab ID: 9262 2 Site ID:	2414015 Collected: 08/25/22 12:10 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.217 ± 0.134 (0.213) C:83% T:NA	pCi/L	09/22/22 08:4	1 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.763 ± 0.527 (1.02) C:74% T:92%	pCi/L	09/13/22 19:25	5 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.980 ± 0.661 (1.23)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-23A PWS:	Lab ID: 9262 Site ID:	2414016 Collected: 08/25/22 16:08 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg			_	
Radium-226	EPA 9315	0.132 ± 0.105 (0.181) C:86% T:NA	pCi/L	09/22/22 08:12	2 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.264 ± 0.368 (0.786) C:77% T:89%	pCi/L	09/13/22 18:43	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.396 ± 0.473 (0.967)	pCi/L	09/22/22 16:48	7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-7D PWS:	Lab ID: 9262 Site ID:	2414017 Collected: 08/25/22 14:10 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0294 ± 0.0630 (0.148) C:86% T:NA	pCi/L	09/22/22 08:13	3 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.742 ± 0.493 (0.926) C:72% T:86%	pCi/L	09/13/22 18:43	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.771 ± 0.556 (1.07)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-14 PWS:	Lab ID: 92622 Site ID:	2414018 Collected: 08/25/22 16:00 Sample Type:	Received:	08/26/22 10:00	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.00925 ± 0.0751 (0.199) C:90% T:NA	pCi/L	09/22/22 08:14	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.444 ± 0.433 (0.889) C:79% T:92%	pCi/L	09/13/22 18:43	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.453 ± 0.508 (1.09)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: EB-01 PWS:	Lab ID: 9262 2 Site ID:	2414019 Collected: 08/26/22 09:15 Sample Type:	Received:	08/27/22 11:15	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0271 ± 0.0875 (0.217) C:78% T:NA	pCi/L	09/22/22 08:14	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.548 ± 0.457 (0.907) C:74% T:87%	pCi/L	09/13/22 18:44	1 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.575 ± 0.545 (1.12)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Sample: PZ-57 PWS:	Lab ID: 9262 Site ID:	22414020 Collected: 08/26/22 11:20 Sample Type:	Received:	08/27/22 11:15	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.135 ± 0.117 (0.219) C:87% T:NA	pCi/L	09/22/22 08:14	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.353 ± 0.354 (0.732) C:80% T:87%	pCi/L	09/21/22 15:04	1 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.488 ± 0.471 (0.951)	pCi/L	09/22/22 16:48	3 7440-14-4	



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

QC Batch: 530231 Analysis Method: EPA 9320
QC Batch Method: EPA 9320 Analysis Description: 9320 Radium 228

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92622406005, 92622406007, 92622406008, 92622414006, 92622414007, 92622414008, 92622414009,

92622414010, 92622414011, 92622414012, 92622414013, 92622414014, 92622414015, 92622414016,

92622414017, 92622414018, 92622414019

METHOD BLANK: 2572179 Matrix: Water

Associated Lab Samples: 92622406005, 92622406007, 92622406008, 92622414006, 92622414007, 92622414008, 92622414009,

92622414010, 92622414011, 92622414012, 92622414013, 92622414014, 92622414015, 92622414016,

92622414017, 92622414018, 92622414019

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-228
 0.284 ± 0.356 (0.756) C:78% T:91%
 pCi/L
 09/13/22 16:45

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.



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

QC Batch: 530874

Analysis Method: EPA 9315 QC Batch Method: EPA 9315 Analysis Description: 9315 Total Radium

> Pace Analytical Services - Greensburg Laboratory:

Associated Lab Samples: 92622406006

METHOD BLANK: 2574652 Matrix: Water

Associated Lab Samples: 92622406006

Act ± Unc (MDC) Carr Trac Units Analyzed Qualifiers Parameter Radium-226 0.0646 ± 0.0850 (0.178) C:94% T:NA pCi/L 09/22/22 19:40

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.



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

QC Batch: 535739

QC Batch Method:

535739 Analysis Method: EPA 9320 Analysis Description:

Analysis Description: 9320 Radium 228

Laboratory: Pace Analytical Services - Greensburg

EPA 9320

Associated Lab Samples: 92622406006

METHOD BLANK: 2599416 Matrix: Water

Associated Lab Samples: 92622406006

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-228
 0.0371 ± 0.270 (0.626) C:74% T:89%
 pCi/L
 10/04/22 12:22

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.



Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

QC Batch: 530329 Analysis Method: EPA 9315

QC Batch Method: EPA 9315 Analysis Description: 9315 Total Radium

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92622406005, 92622406007, 92622406008, 92622414006, 92622414007, 92622414008, 92622414009,

92622414010, 92622414011, 92622414012, 92622414013, 92622414014, 92622414015, 92622414016,

92622414017, 92622414018, 92622414019, 92622414020

METHOD BLANK: 2572345 Matrix: Water

Associated Lab Samples: 92622406005, 92622406007, 92622406008, 92622414006, 92622414007, 92622414008, 92622414009,

92622414010, 92622414011, 92622414012, 92622414013, 92622414014, 92622414015, 92622414016,

92622414017, 92622414018, 92622414019, 92622414020

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-226
 0.0390 ± 0.0730 (0.167) C:93% T:NA
 pCi/L
 09/22/22 09:17

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.



Project: Mitchell 2022 2nd SA RAD-Revised Report

EPA 9320

Pace Project No.: 92622414

QC Batch: 530871

QC Batch Method:

Analysis Method:
Analysis Description:

EPA 9320 9320 Radium 228

Laboratory:

Pace Analytical Services - Greensburg

Associated Lab Samples: 92622414020

METHOD BLANK: 2574648 Matrix: Water

Associated Lab Samples: 92622414020

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-228
 0.757 ± 0.340 (0.552) C:80% T:96%
 pCi/L
 09/21/22 11:51

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.



QUALIFIERS

Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

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

Date: 10/24/2022 07:31 AM

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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Date: 10/24/2022 07:31 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
2622406005	PZ-1D	EPA 9315	530329	_	
2622406006	FD-01	EPA 9315	530874		
2622406007	PZ-31	EPA 9315	530329		
2622406008	PZ-33	EPA 9315	530329		
2622414006	FB-01	EPA 9315	530329		
2622414007	PZ-2D	EPA 9315	530329		
2622414008	PZ-32	EPA 9315	530329		
2622414009	PZ-25	EPA 9315	530329		
2622414010	PZ-19	EPA 9315	530329		
2622414011	PZ-16	EPA 9315	530329		
2622414012	PZ-15	EPA 9315	530329		
2622414013	FD-02	EPA 9315	530329		
2622414014	PZ-18	EPA 9315	530329		
2622414015	PZ-17	EPA 9315	530329		
2622414016	PZ-23A	EPA 9315	530329		
2622414017	PZ-7D	EPA 9315	530329		
2622414018	PZ-14	EPA 9315	530329		
2622414019	EB-01	EPA 9315	530329		
2622414020	PZ-57	EPA 9315	530329		
2622406005	PZ-1D	EPA 9320	530231		
2622406006	FD-01	EPA 9320	535739		
2622406007	PZ-31	EPA 9320	530231		
2622406008	PZ-33	EPA 9320	530231		
2622414006	FB-01	EPA 9320	530231		
2622414007	PZ-2D	EPA 9320	530231		
2622414008	PZ-32	EPA 9320	530231		
2622414009	PZ-25	EPA 9320	530231		
2622414010	PZ-19	EPA 9320	530231		
2622414011	PZ-16	EPA 9320	530231		
2622414012	PZ-15	EPA 9320	530231		
2622414013	FD-02	EPA 9320	530231		
2622414014	PZ-18	EPA 9320	530231		
2622414015	PZ-17	EPA 9320	530231		
2622414016	PZ-23A	EPA 9320	530231		
2622414017	PZ-7D	EPA 9320	530231		
2622414018	PZ-14	EPA 9320	530231		
2622414019	EB-01	EPA 9320	530231		
2622414020	PZ-57	EPA 9320	530871		
2622406005	PZ-1D	Total Radium Calculation	534819		
2622406006	FD-01	Total Radium Calculation	537741		
2622406007	PZ-31	Total Radium Calculation	534819		
2622406008	PZ-33	Total Radium Calculation	534819		
2622414006	FB-01	Total Radium Calculation	534819		
2622414007	PZ-2D	Total Radium Calculation	534819		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell 2022 2nd SA RAD-Revised Report

Pace Project No.: 92622414

Date: 10/24/2022 07:31 AM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
92622414008	PZ-32	Total Radium Calculation	534819		
92622414009	PZ-25	Total Radium Calculation	534819		
92622414010	PZ-19	Total Radium Calculation	534819		
92622414011	PZ-16	Total Radium Calculation	534819		
92622414012	PZ-15	Total Radium Calculation	534819		
92622414013	FD-02	Total Radium Calculation	534819		
92622414014	PZ-18	Total Radium Calculation	534819		
92622414015	PZ-17	Total Radium Calculation	534819		
92622414016	PZ-23A	Total Radium Calculation	534819		
92622414017	PZ-7D	Total Radium Calculation	534819		
92622414018	PZ-14	Total Radium Calculation	534819		
92622414019	EB-01	Total Radium Calculation	534819		
92622414020	PZ-57	Total Radium Calculation	534819		

Pace	
/ ACC	

Effective Date: 05/12/2022 Laboratory receiving samples: Asheville Eden Greenwood Huntersville Raleigh ___ 0#:92622414 Sample Condition Client Name: **Upon Receipt** Proje Courier: Client Commercial Other: Custody Seal Present? Seals Intact? Date/Initials Person Examining Contents: 3/257 Packing Material: Bubble Wrap Bubble Bags None Other Biological Tissue Frozen? ☐Yes ☐No ☐N/A Thermometer: TR Gun ID: Type of Ice: Blue None Correction Factor: Cooler Temp: Add/Subtract (°C) Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process Cooler Temp Corrected (°C): has begun USDA Regulated Soil (N/A, water sample) Did samples originate in a quarantine zone within the United States: CA, NY, or SC Did samples originate from a foreign source (internationally, (check maps)? ☐Yes ☐No including Hawaii and Puerto Rico)? Yes Comments/Discrepancy: Chain of Custody Present? 1. Pres □No □N/A Samples Arrived within Hold Time? - Yes □No 2. □N/A Short Hold Time Analysis (<72 hr.)? Yes Mo □N/A 3. Rush Turn Around Time Requested? Yes No □N/A 4. Sufficient Volume? Yes No □N/A Correct Containers Used? Yes □No □N/A 6. -Pace Containers Used? **Ø**Yes □No □N/A Containers Intact? Tes □No □N/A Dissolved analysis: Samples Field Filtered? MN/A ☐Yes □No 8. Sample Labels Match COC? Yes DNo □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 11. ON/A Trip Blank Custody Seals Present? DN/A Yes □No COMMENTS/SAMPLE DISCREPANCY Field Data Required? Yes No Lot ID of split containers: CLIENT NOTIFICATION/RESOLUTION pH Strip Lot# 10D4611 Person contacted: Project Manager SCURF Review: Date:

Project Manager SRF Review:

Date:



Effective Date: 05/12/2022

'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

Proje WO#: 92622414

PM: NMG

Due Date: 09/16/22

CLIENT: GA-GA Power

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)	BP45-125 mL Plastic H2504 (pH < 2) (C+)	BP3N-250 mL plastic HNO3 (pH < 2)	8P42-125 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) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG1S-1 (ner Anıber H2501 (pH < 2)	AG35-250 nL Amber H2SO4 (pH < 2)	DG94-250 n.L Amber NH4Cl (N/A)(Cl·)	DG9H-10 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-10 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG95-40 mL VOA H25O4 (N/A)	V/GK (3 vials per kit)-VPH/G3s kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A - lab)	BPIN	BP3R-250 mL Plastic (NH2)25O4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) {CI·}	VSGU-20 mt. Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	X	1	1			1		1	1	1									2	1			
2	1	1	1		1	1	1	1			1		1	1	1									2	1			
3	1	1	1)		1	1	1	1			1		1	1	1								The state of the s	2	1			
4	1	1	1		1	1	1	1			1		1	1	1									2	1			
5	1				1	1	1	1			1		1	1	1									1	1			
6	1				1	1	1	1			1		1	1	1									1	1			
7	1				1	1	1	1			1		1	1	1				Ì					1	1			Ħ
8	1				1	1	1	1			1		1	1	1									1	1			П
9	1		1		1	1	1	1			1		1	1	1									1	1			
10	1				1	1	1	1			1		1	1	1				Ī					1	1			
11	1				1	1	1	1			1		1	1	1			İ	1				T	1	1			
12	1				1	1	1	1			1		1	1	1					1			T	1	1			T

		pH Ad	ljustment Log for Pres	erved 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.

CHAIN-OF-CUSTODY: Amalytical Request Document

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

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacetabs.com/hubfs/pas-standard-terms.pdf

				24	23	22	21	8	19	18	517.5E	16	16	1	13	ITEM#		71	Reques	Email	Suite 100	Company	Togui
			ADDITIONAL COMMENTS						EDen	- TIS	-	MIT-92-33-W6-20220824	MIT-PZ-31-WG-2020824	MIT-APAD-FD-601-W6-20120924	MIT-PZ-10-WG-20220824	SAMPLE ID Sample Ids must be unique With With Indian Control Control Sample Ids must be unique Tank	MATRI	d ten aar a	(770)421-3382	ic cs	Suite 100, Kennessw. GA 30144		5
	-	#	RE				•	V	V					-		Write Water WW Product WW Pooled St. Cri Wros WP Nr AR Other Thaus Thaus Thaus Thaus Thaus Thaus Thaus Thaus Thaus	COOR	Frique #	3	Purchase Order #:	Copy To:	Report To: [12
		Town Mary	RELINQUISHED BY I AFFILIATION				4	WT	¥	M	4	WT .	M	M	4	MATRIX CODE (see valid coor SAMPLE TYPE (G=GRAB C		12 160 110, 2207	Mito	# 19	Manda Qu	Daniel Howard	ect Info
		1	ED 8Y/													ST		161	Mitchell 2022 2nd SA	30	2	base	mation
(A) T	SAMP	1 20	AFFILLA					-			m					START	8	110	2 2nd 9	-	B		
SIGNATURE OF SAMPLER: Day 18 Howard	SAMPLER NAME AND SIGNATURE	Wood	NOLLY			-								Ø.			СОГГЕСТЕВ	1	Ä	9	Swins		
ARE of	AME A	1	經									4		CO INVE	Stauta 1135	END	O3	0		5	7		
SAM	ND SIC	100	DATE									1545	1400	1	1/3	TIME		r		7			
PLER:	GNATI	1 star 18	TE (+	+		-		-		2	O.		U.	SAMPLE TEMP AT COLLECTION	ON	П					
D	RE	OA.											८र	5	5	# OF CONTAINERS		Pac	Pace	Pac	Com	Atte	hvo
光		1800	TIME	-	-	4	-	_				×	X	X	×	Unpreserved		Pace Profile #	Pace Project Manager:	Pace Quote:	Company Name	Attention:	Invoice Information:
a		1	部。			1						X	×	×	×	H2SO4 HNO3	P	12	ct Mar		Name.		format
12		1	•													нсі	Preservatives	10834	ager			1	ion:
15	15	3	æ		1	-					_					NaOH	ative	E	3	1		١	
12	1500	10	ACCEPTI		+	\dashv	-	-			-			-		Na2S2O3 Methanol	88	Ш	nicole.ď	ŀ			
		117	(YB DB)		1	\dashv		1								Other			ďolec		П	1	
m	凝	1	XX.													Analyses Test	Y/N B	題	oleo@pacelabs.com	1	Ш	۱	
2		1 3	AFFILIATION				\rightarrow			_		×			×	CI, F, \$04	Y ==	100	elabs			١	
7		N	ğ			-	<					×	×		×	TDS		20	com	1	П	I	
er Ga						Ť	-	_			-	×	1		×	App III/IV Metals RAD 9315/9320		treent		4	П	ı	
7		N																AS AS	П		П	1	Ĺ
1/6		32	髓							-	=							Requested Analysis Filtered (Y/N)	П	1	Н	1	
3		12	DATE															FIRE	Ц	\downarrow	Ш		l
)ka	_	1	All Chief	-	+	+			-					-) par	0.00				
	100	13	TIME		+	+	-	-	-	-					-			Y/N)	120	0.520			
		13		5-17		1												94,000				ſ.	-
MP in C										0.1					T.			fent	s	2		1	Page :
			15.0			-			-,							Residual Chlorine (Y/N)	100	E.	State / Location	Regulatory Agency		1	
eceived o	on		SAMP								1	9 7	10	2	Ha			GA.	Locat	7			
/N)			SAMPLE CONDITIONS					1			ŀ	19-	> A	11	17			¥.	ò	900		1	-
aled ooler			MDITT								1	7	7	Y				10	SSEC	8		9	Q
(N)			SNO								1	ž	20	OH.	7.49		-12	100	H	10		+	-
amples act	- 11		腦									1	-	V .	0			100	N.	1203	1	1	N

1
Done
Pace
140000000000000000000000000000000000000

Effective Date: 05/12/2022

Laboratory receiving samples:					
Asheville Eden Greenwood	Huntersvi	lle _	Raleigh		Mechanicsville Atlanta Kernersville
Sample Condition Client Name:					WO#: 92622414
GAPON	ve/			Proje	DM LIME
Courier: Fed Ex UP:	S USPS		. Cii	ent	CLIENT: GA-GA Power
8/2 [3394 Packing Material: Bubble Wrap	als Intact? H 498 Bubble Bags	Yes	No	ther	Date/Initials Person Examining Contents: 6/25/2
Thermometer:			1		Yes No DATA
Cooler Temp: Correction Far Add/Subtract Cooler Temp Corrected (°C): Substance Soil (N/A, water sample)	9		Wet □8 -	ue	■None Temp should be above freezing to 6°C ■Samples out of temp criteria. Samples on ice, cooling process has begun
Did samples originate in a quarantine zone within to (check maps)? Yes No	he United States	: CA, NY,	or SC		Did samples originate from a foreign source (internationally,
	-				including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy:
Chain of Custody Present?	₫ Tes	□No	□N/A	1.	comments/Discrepancy.
Samples Arrived within Hold Time?	₽ Yes	ONO	□N/A	2.	710
Short Hold Time Analysis (<72 hr.)?	□Yes	No	□N/A	3.	
Rush Turn Around Time Requested?	□Yes	□N ₀	□N/A	4.	THE PARTY OF THE P
Sufficient Volume?	Yes	□No		5.	
Correct Containers Used? -Pace Containers Used?	Yes	□No □No	□N/A □N/A □N/A	6.	
Containers Intact?	Ves	□No	□N/A	7.	
Dissolved analysis: Samples Field Filtered?	□Yes	□No	ØN/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		10.	•
Trip Blank Present?	□Yes	□No	ZN/A	11.	taranta de la companya del companya de la companya della companya
Trip Blank Custody Seals Present?	□Yes	□No	6N/A		
COMMENTS/SAMPLE DISCREPANCY					Field Data Required? ☐ Yes ☐ No
			j	ot ID	of split containers:
LIENT NOTIFICATION/RESOLUTION	***************************************				pH Strip Lot# 10D4611
				-	
Person contacted:			Date/Time	:	
Project Manager SCURF Review:					Date:
Project Manager SRF Review:					Date:



Effective Date: 05/12/2022

*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

Proje WO#: 92622414

PM: NMG

Due Date: 09/16/22

CLIENT: GA-GA Power

ltem#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	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 H25O4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP42-125 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 mt Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H25O4 (pH < 2)	AG35-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mt VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-10 mt VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG95-40 mL VOA H2504 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A - lab)	SP2T-250 mt. Sterile Plastic (N/A - lab)	BVIN	BP3R-250 mL Plastic (NH2)25O4 (9.3.9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1		1		1	V	1	1			1		1	1	1									Z	1			
2	1	1	1		1	V	1	1			1		1	1	1									Z	1			
3	1	1	1		1	V	1	1			1		1	1	1				4					X	1			
4	1	1	1		1	y	1	/			1		1	1	1									X	1			
5	1		ľ		1	1	1	1			1		1	1	1									1	1			
6	1				1	1	1	1			1		1	1	1						1			1	1			
7	1				1	1	1	1			1		1	X	1									1	1			
8	1				1	1	1	1			1		1	1	1									1	1			
9	1	-		1	1	1	1	1			1		1	1	1							1		1	1			
10	1				1	1	1	1		T	1		1	1	1									1	1			
11	1			1	1	1	1	1			1		1	1	1									1	1			
12	1				1	1	1	1			1		1	1	1	1								1	1			

Sample ID Type of Preservative pH upon receipt Date preservation adjusted Time preservation Amount of Prese	total total
adjusted added	rvative 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.

CHAIN-OF-CUSTODY / Analytical Request Document

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

11 6 Company Required Client Information: 9 ITEM # uite 100 Kennesaw GA 30144 quested Due Date daniel.howard2@woodplc.com MIT-PZ-25-WG-20120824 Wood E&I (GA Power) 1075 Big Shanty Road 770/421 3382 MIT-PZ-21-WG-20220824 Sample ids must be unique One Character per box. (A-Z, 0-9/, -) WIT-APA12-F8-01-WG-7220524 SAMPLE ID MIT-PZ-32-WG-20220824 ADDITIONAL COMMENTS Standare Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.paceiabs.ccm/hubls/pas-standard-terms.pdf Required Project Information:
Report To Daniel Howard
Copy To R head daying
An in head Sacker
Purchase Order # oject #: 6/22/60/70.2202 roject Name RELINGUISHED BY / AFFILIATION Model Nood 5 3 3 4 ş 3 1 3 3 MATRIX CODE (see valid codes to left) SAMPLE TYPE (G=GRAB C=COMP) START SAMPLER NAME AND SIGNATURE TME COLLECTED SIGNATURE IN SAMPLER PRINT Name of SAMPLER: OF STATE END 8/24/52 1418 1132 DATE SAMPLE TEMP AT COLLECTION 1800 Attention: Company Name: ba W 5 # OF CONTAINERS Pace Profile # Pace Project Manager. Pace Quote Invoice Information Section C Address 200 TIME Unpreserved H2SO4 X HNO3 Preservatives NA. HÇI NaOH ACCEPTED BY I AFFILIATION Na2S2O3 nicole d'oleogracelabs com Methanol Other B **Analyses Test** Y/N DATE Signed 8/2 4/ CI. F. SO4 × × TOS × × × × App III/IV Metals × ested Analysis Filtered RAD 9315/9320 DATE N BMIL Page: Regulatory Agency TEMP in C State / Location Residual Chlorine (Y/N) 工工 PHI D#= Received on SAMPLE CONDITIONS (Y/N) Custody 7.34 8,0 Sealed ð Cooler (Y/N) Samples ntact (Y/N)

	0
1	Pace
1	INDIVINE IN THE OFFICE

Effective Date: 05/12/2022

boratory receiving samples:				
Asheville Eden Greenwood	Huntersville		Raleigh[
Sample Condition Upon Receipt Client Name:	200		P	Proje WO#: 92622414
ourier: Fed Ex UPS Commercial Pace	USPS Other:		Che	ent CLIENT: GA-GA Power
ustody Seal Present? Ves No Sea 8/2-1 47 acking Material: Bubble Wrap B	15 Intact? 475 ubble Bags	Yes None	□No	Date/Initials Person Examining Contents: 8/26/22
nermometer: 8/2/93	194502 Type office:	8		□Yes □No □N/A
ooler Temp: (70 / 1) t (191 Add/Subtract (ooler Temp Corrected (°C): 41 / 185.//SDA Regulated Soli (N/A, water sample) Did samples originate in a quarantine zone within the	15,4	A, NY, o	rSC	Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process has begun Did samples originate from a foreign source (internationally,
(check maps)? Yes No		_		including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy:
Chain of Custody Present?	Dies D	No	□N/A	1.
Samples Arrived within Hold Time?]No	□N/A	2.
Short Hold Time Analysis (<72 hr.)?		DAIO	□N/A	3.
Rush Turn Around Time Requested?		No	□N/A	4.
Sufficient Volume?	Pres C	□No	□N/A	5.
Correct Containers Used? -Pace Containers Used?	ØYes []Na]Na	□N/A □N/A	6.
Containers Intact?]No	□N/A	7.
Dissolved analysis: Samples Field Filtered?	□Yes □]No	-DAVA	8.
Sample Labels Match COC?		No	□N/A	9.
-Includes Date/Time/ID/Analysis Matrix:	W			
Headspace in VOA Vials (>5-6mm)?	□Yes]No	PMA	10.
Trip 8lank Present?		JNo	DINTA	11.
Trip Blank Custody Seals Present?	□Yes [No	, DATA	
MMENTS/SAMPLE DISCREPANCY				Field Data Required? ☐Yes ☐No
				Lot ID of split containers:
NT NOTIFICATION/RESOLUTION				pH Strip Lot# 10D4611
erson contacted:		(Date/Time	e:
Project Manager SCURF Review:				Date:
Project Manager SRF Review:				Date:



Effective Date: 05/12/2022

*Check mark top half of box if pH and/or dechlorination is verified and Project : WO# . 92022

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

MO#: 92622414

M: NMG

Due Date: 09/16/22

CLIENT: GA-GA Power

ltem#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	8P4S-125 mL Plastic H25O4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP42-125 mL Plastic ZN Acetate & NaOH (>9)	8P48-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(CI-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mt VOA H3POA (N/A)	DG95-40 mL VOA H25O4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	1	1	1			1		1	1	1									X	X			
2	1	1	1		1	X		/			1		1	1	1									X	1			
3	1	1	Ī		1	1	1	1			1		1	1	1				:					X	1			
4	1	1	1		1	K	1	/			1		1	1	1									7.	X			
5	1	1	1		1	V	1	1			1		1	1	1									3	X		- 1	
6	1	1	1		1	X	1	1			1		1	1	1									X	X			
7	1	1	T		1	1	1	1			1		1	1	1		-							2	X			
8	1	1	1		1	1	1	1			1		1	1	1									50	K			
9	1	1	(1	14	1	1			1		1	1	1									7.	1			
10	1	1-1			1	1	1	1			1		1	1	1									1	1			
11	1				1	1	1	1			1		1	1	1									1	1			
12	1				1	1	1	/			1		1	1	1									1	1			

		pH Ac	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
Wes- o						

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.

1

			12	=	10	9	8	7	6	5	4	3	2	100	ITEM#		7	Reque	Phone:	Email	Addres	Required Company	
		ADDITIONAL COMMENTS	-	-473	200	-arsa	4	2239	23	W52-239	EL-10	1000 MIT-DZ-15-WG-20220825	1001 MIT-PZ-16-WG-20220825	-	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample ids must be unique			Requested Due Date Standard	(770)421 3	Email daniel.howard2@woodblc.com	9	Ollent Information Wood E&I (GA	Pace
	David	RELINOU	wr	WT	WT	WT	WT	TW	TW	WT	WT	-20220825 WT	-10120875 WT	-20220825 WT	MATRIX CODE (see valid code	o o o o		Project #: C11	Project Name:	Purchase Order #:	Copy To: Rho	Report To: Daniel Howard	
PRINT Name OF SAMPLER!	Strad Wash 5/2	RELINQUISHED BY I AFFILIATION D										80H 242/8	\$125/22 1212	14 m 1028	SAMPLE TYPE (G=GRAB C=	COLLECTED		Project #: 4122160170, 2202	Mitchell 2022 2nd SA	encile Barker	Copy To Rhoods Chairs	titutes acknowledgment and acce	CHAIN The Chain-
MICE ANY HOUSE	2/25/2 1810 China	DATE TIME ACC												8 5 X X	SAMPLE TEMP AT COLLECTION OF CONTAINERS Unpreserved H2SO4	Preservatives		Pace Profile # 10834		Address	Company Name:	ptance of the Pace Terms and Conc Section C Invoice information:	CHAIN-OF-CUSTODY / Analytic The Chain-of-Custody is a LEGAL DOCUMENT.
(Exer Gui)	liffere 8%	ATION	×	×	×	×	×	×	×	×	×	×	×	××××	Methanol Other	Y/N	Requested An	nicore o encompaceraos com	_			ditions found at https://info pacelab	Ilytical Request Document
MP in C	कवा च्या	DATE TIME													Paridual Chloring / VAII		Analysis Filtered (Y/N)	Sta	- Chinese Control of the Control of	Regulation Regulation		ound at https://info pacelabs.com/hubfs/pas-standard-terms.pdf	ument
eceived on (1/N) Jistody aled soler JiN) pmples act JiN)		SAMPLE CONDITIONS										1	7 0	5	Residual Chlorine (Y/N)		GA.	State / Location		Regulatory Agency		s pdf	

			П	2	12	11	6	8	8	7	6	on	4	w	2	-	ITEM#		1	Reque	Phone	Email	Address.	Company	Section A Required	
				ADDITIONAL COMMENTS	1	1	PEGT	Rad	1257	B-F-E	22.26	P-1-234	E-16	EDE-MIT-P7-17-ING-20120825	MTT- PZ-18-WG-20220815	BEN MIT-APAIL-FOD02-NG-20220825	SAMPLE ID One Character per box. (A-Z, 0-91, -) Sample Ids must be unique			Requested Due Date	21-3	Email daniel howard supported com	is. 1075 Big Shanty Road		Client	Pace.
		+	Ven	€ R										_			Water Will Water Will Frodus P SeafStad EL Of OL Wipe AR Other Other Thuse TS			Project # 61	Project Name	Burhardon	Copy To		this chain of custody Section B	
			1	- LINDUIS	W	4	4	WT	*	N.	4	WT	WT	¥	¥	M	SAMPLE TYPE (G-GRAB		1	22	Ma S	1,0	3	Daniel H	constit	
ω P	SAMP		Novad	RELINQUISHED BY / AFFILIATION													START DATE TIME	co		Project # 6122160170.720	Mitchell 2022 2nd SA	relle	Khanda dayan	loward .	utes acknowled	
RINT N	ER &		Mose	NOIT	\vdash				-				-	42	2	20		COLLECTED		72	SA	Ka	5	1	dgment	₹ O
PRINT Name of SAMPLER:	SAMPLER NAME AND SIGNATURE	-			_				-					stistes.	Washad.	8/20/20	END	6		07		-Kec		1	and ac	CHAIN-OF-CUSTODY / Analyti
SAMPL	DSIGN		9/15/12	DATE										1210	1035	1	TIME					r		1	cceptar	N-O
明	ATUR	+		_													SAMPLE TEMP AT COLLECT	NOI	11	-	7	L	Ц	1	nce of	F-C
To n	m		18/1	TIME	-					-	-	-	-	X	スメ	X	# OF CONTAINERS Unpreserved		11	Pace Profite #	Pace Quote:	Address	Company Name:	Attention:	the Pace Section C	SUS
5			6	m										-		*	H2SO4	7		alilo.	Toyect	28	any Na	9 110	ace.	5
\$	F		25	1				1.4						X	X	×	ниоз	Pre	Π	R	Man		e.	THE STATE OF	Term	
-	5		2	1		_						(2-1)				Œ,	нсі	Preservatives		10834	306			en:	s and	3:
F			his	2	_	-					-			-			NaOH	ative	11	٦.	1				Con	S A
E			1	ACCEPTE	-								-	-			Na2S2O3 Mathanol	38	11	The state of					Mittion	Y
1	1		-1													-	Other		††	-14	11	H	+	+	10	-
12		11	1	D BY ! AFFILLATION													Analyses Test	Y/N	Ħ	Display Com					found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf	cal Request Document
0			M	1	×					_		_			-	×	CI, F, SO4		11	Sapie		П			https	eq
S al			4	u - 1	×		×	-		_		_	-			×	App III/IV Metals	-	20 2	Com,				1	Wint.	les
DATE Signed:				18	×	×	×	×							_	×	RAD 9315/9320		Requested						o.pac	Ô
4 7			-de	道												2.1			3	1			-		elabs	00
20			E	9			,				\Box								Analysis Filtered (Y/N)						COM	m
7			1	DATE			-		-					-		-			Fille	+	Н		\perp	J	nple!	en
100		1	1/2	5074 5074								-							O De		П				s/pas	
's lex	á		F	JIME .												\neg			N.	4	11	1			Stan	
	1		B	疆													****		11	1	П	V		F	Talel)	
EMP in C			d	語					\Box								19-100		Ш	S	11	70		Page:	term	
Received on	+	+-		8	-	-	-		-	- 1	-	- 1	V		-	-	Residual Chlorina (Y/N)		d l	tate /	ľ	ulato		1	PG 20	
e Y/N)				SAMPLE CONDITIONS			İ						1			d		ON A	GA	State / Location		Regulatory Agency		_		
uslody	+	+	-	8									Ì	Hi	サン	干		通		don		200				
ealed Judius — —	_			100				_		_	_			1		-		P. C. C. C. C. C. C. C. C. C. C. C. C. C.	25		П			Q.		
(Y/N) Samples	+	-		SNS				- 1					-	5	1				2	200	11	14 (8) (5)		1		
ntact				100					İ			1	1	21 6	1	7		海	20 20 20 20 20 20 20 20 20 20 20 20 20 2	98.85	11					
(Y/N)			_1	1172														120	3	12				1	1	

Address Required Client Information: Requested Due Date Suite 100, Kennesaw, GA 30144 14 23 12 21 20 19 18 17 6 5 to ITEM # danuel.howard2@woodplc.com ATT-PZ-P+ NG-20220825 ---- MIT-72-23A-NG-2020825 Wood E&I (GA Power) 1075 Big Shanly Road (770)421-3382 | rax MIT-PZ-70-WG-20120825 Sample Ids must be unique One Character per box. SAMPLE ID ADDITIONAL COMMENTS (A-Z, 0-9/, -) The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacelabs.com/hubfs/pas-standard-terms.pdf MATRIX
Dratung Wate
Wate
Wate
Wate
Wate
Wate
Wate
Moduct
SourSold
Oil
Wipe
Air
Othe Project # 6 12216 0 170, 2202 Purchase Order # Le Helle Backer Report To: Required Project Information: Section B roject Name Daviel Howall Wood Sizston RELINQUISHED BY / AFFILIATION 3 š ž ş Š MATRIX CODE (see valid codes to left) S ş 3 SAMPLE TYPE (G-GRAB C-COMP) START SAMPLER NAME AND SIGNATURE COLLECTED SIGNATIONS OF SAMPLES PRINT Name of SAMPLER: 5/18/22 FH 10 81 to 51/80 CHAIN-OF-CUSTODY / Analytical Request Document END. 1600 DATE SAMPLE TEMP AT COLLECTION 18/2 Company Name Address: # OF CONTAINERS Invoice Information: Attention. Pace Project Manager Pace Quote: an, c THE Unpreserved H2SO4 HNO3 HCI NeOH ACCEPTED BY / AFFILIATION Na2\$203 Methanol cleo@pacelabs.com Other Analyses Test Y/N CI, F, SO4 DATE Signed: 0/2 5 h × × TDS App III/IV Metals RAD 9315/9320 8/25/22 DATE TWE Page: Regulatory Agency TEMP in C State / Location Residual Chlorine (Y/N) Received on 140 SAMPLE CONDITIONS 年-6.93 86.9=HO (Y/N) Sealed 9 đ Coote (Y/N) Samples Intact (Y/N)

	0
1	Pace
1	MINISTER SERVER

Effective Date: 05/12/2022

oratory receiving samples: sheville Eden Greenwood	Huntersvil	le l	Raleigh		Mechanicsville Atlanta Kernersville
Sample Condition Client Name:	A		Marcigi		Mechanicsville Atlanta Kernersville
Upon Receipt	DIAD "			Projec	
ourier: Gred Ex UPS Commercial Pace	USPS Other	-	□ci	ent	PM: NMG Due Date: 09/16/22 CLIENT: GA-GA Power
stody Seal Present? No Sea	ls Intact?	Yes	□No		
812	-1939	4 5	0/7		Date/Initials Person Examining Contents:
cking Material: Bubble Wrap B	ubble Bags	□None	0 0	ther	Biological Tissue Frozen? ☐Yes ☐No ☐N/A
OTR Gun ID: 230	Type of Ice	: D	Wet DE	lue	Nane
oler Temp: Correction Fact (Add/Subtract ()	-	1	Temp should be above freezing to 6°C ☐Samples out of temp criteria. Samples on ice, cooling proces
oler Temp Corrected (°C): DA Regulated Soil (N/A, water sample) Did samples originate in a quarantine zone within the	e United States.	: CA, NY, (or SC		has begun Did samples originate from a foreign source (internationally,
(check maps)? Yes No				1	including Hawaii and Puerto Rico)? Yes No
Chain of Custody Present?	₽Tes	□No	□N/A	1.	Comments/Discrepancy:
Samples Arrived within Hold Time?		□No	□N/A	2.	, , , , , , , , , , , , , , , , , , ,
Short Hold Time Analysis (<72 hr.)?	□Yes	Dark.	□N/A	3.	***************************************
Rush Turn Around Time Requested?	□Yes	TNO	□N/A	4.	100-0
Sufficient Volume?					7,7
Correct Containers Used?	☐Yes	□No	□N/A	5.	
-Pace Containers Used?		- □Na	□N/A	AHE.	
Containers Intact?	□ des	□No	□N/A	7.	
Dissolved analysis: Samples Field Filtered?	□Yes	_ No	HMA	8.	
Sample Labels Match COC?	□Yes	ONO	□N/A	9.	
-Includes Date/Time/ID/Analysis Matrix:	W				
Headspace in VOA Vials (>5-6mm)?	□Yes	□No	WA A	10.	14
Trip Blank Present?	□Yes	□No	DiA.	11.	· · · · · · · · · · · · · · · · · · ·
Trip Blank Custody Seals Present?	□Yes	□No	TUCA		
MENTS/SAMPLE DISCREPANCY			7		Field Data Required? Yes No
		, .			
IT NOTIFICATION/RESOLUTION			- 4	ot ID o	of split containers:
	-				pH Strip Lot# 10D4611
	***			-1"	
son contacted:			Date/Time	:	-
Project Manager SCURF Review:					Date:
Project Manager SRF Review:					Date:



Effective Date: 05/12/2022

Check mark top half of box if pH and/or dechlorination is verified and

within the acceptance range for preservation samples. ceptions: VOA, Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LEHg

*Bottom half of box is to list number of bottles

** Check all unpreserved Nitrates for chlorine

Project # WO#: 92622414

PM: NM

Due Date: 09/16/22

CLIENT: GA-GA Power

llem#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	8P3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (CI-)	BOSN.250 ml plastic HNO3 (pH < 2)	BP427125 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 nt Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H25O4 (pH < 2)	AG35-250 mL Amber H2SO4 (pH < 2)	DG94-250 mL Amber NH4C! (N/A)(CI·)	DG9H-40 mt VOA HGI (N/A)	VG9T-40 mt VOA Na25203 (N/A)	VG9U-40 mL VQA Unpreserved (N/A)	DG9V-10 mL VOA H3PO1 (N/A)	DG9S-40 mL VOA H2504 (N/A)	V/GK (3 vials per kit)-VPH/G3s kit (N/A)	SPST-125 mt. Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A - lais)	BPIN	8P3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (CI)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	1	1	1		20000000	1		1	1	1				-					7				
2	1	1	1		1	1	1	1			1		1	1	1			- Annual Control		and the same of th				2				
3	1				1	1	1	1			1		N.	1	1	j	İ							-				
4	1				1	1	13	1			1		1	3	1				Ī					1				
5	1				1	1	1	1			1		1	1	15							1			1			
5	1				1	1	1	1			1		1	1	1						T			1				
7	1				1	1	1	1			1		1	1	1			T		Ī		1		1	1			
3	1				1	1	1	1		T	1		1	1	1		1		1.		T		ĺ	1				
9	1				1	1	1	1			1	1	1	1	A			T					1	1	1			
10	1				1	1	1	1			1		1	1	1			i						1	1			
11	1				1	1	1	1		-	1	1	1	1	1	1				Ť		The state of the s		1	1			-
12	1				1	1	1	1			1		1	1	K					1				1	1			

		pH Ac	ljustment Log for Pres	erved 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 Cert lication Office (i.e. Out of hold, incorrect preservative, out of temp, incorrect containers

					12	=	10	9	8	-7	6	5	4	w	2	-	ITEM#	-	7	Reques	Phone	Email 10	Address	Required	
				ADDITIONAL COMMENTS	7537	182-14-1 182-14-1	1961	UZZ	86	DC78	7	WELZE	P	Sp. Carlo	MIT-PZ-57-1020876	MIT-APAN-EB-01-WQ-20120826	SAMPLE ID One Churacter per box. (A-Z, 0-9/, -) Sample Ids must be unique			DAG	(770)421	daniel housed?@honodelicon	Address 1075 Big Shanly Road	Client Information:	/ Face
			Daniel	R													Waste Water VWV Ploated P Sol/Board St. Oil Wilps WP Aur AR Other OT Trasse TS			Project # 6	Project Name		Copy To	Required Project Information:	The Chain-of-Custody is a LEGAL DOCUMENT, All relevant fields must be completed accurately. Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at https://info.pacetals.com/high/chase.standid.com/hig
			E	LINGUI	TW	4	4	TW	*	¥	4	¥	M	3	M	TW	MATRIX CODE (see valid SAMPLE TYPE (G=GRAI)	122	3	3	Danie	ject la	const
Ţ	SAME		NATE.	RELINQUISHED BY I AFFILIATION													STAF			Proma # 6122160170.2202	litchell 2022 2nd	helle b	Copy To Daniel Howard	formation:	itutes acknowle
PRINT Name of SAMPLER:	SAMPLER NAME AND SIGNATURE		1/Was 8/26/22	ATION											8/26/12 1/20	8/14/22 09 15	TIME DATE	COLLECTED		2202	SA	arker	ראיאו		The Chain-of-Custody is a LEGAL DOCUMENT, All relevant fields must be completed accurately.
SAMP	AD SIGN		8/26	DATE										-7	2	2150	TIME								ain-of-
ER:	UTAN		22	"													SAMPLE TEMP AT COLLE	CTION							Cust
1	m		36	9											G	CT	# OF CONTAINERS	-]	Pace	Pac	Addr	Com	Sec	ody
3			1600	TIME						4		E		-	×	×	Unpreserved			Pace Profile #	Pace Quote Pace Project Manager	Address	Attention. Company Name:	Section C Invoice Information:	Pac.
2	+	++	2								- 1				×	5<	H2SO4 HNO3			ile#	BC M		Name	form	LEG
-	1		2	1				-							^	_	HCI	Preservatives	11		anage	11	9	ation	AL [
		11	2	12													NeOH	- Par	П	10834	4		T		200
F			me	ACCEPTE													Na2S2O3	ives	П	i alconi		П		119	UME
			6	E I													Methanol		П	100					Ons .
13	2	1 -	1	D BY I AFFILIATION						H.							Other	-	Н	ureo@paceraos com					A E
7	9	10	THE	1	×	×	×	×	×	×	×	×	×	×	×	×	Analyses Test	Y/N	łl	Pacel					eleva
	J.		1	TION	×	×	×	×	×	×	×	×	×	×	×	×	TDS		П	abs ca			П		2 5
1	П		1	1	_	1000	×	×	×	×	×	×	×	×	×	×	App III/IV Metals		Requested Analysis Filtered	ě					elds
13	e l		DO	18	×	×	×	×	×	×	×	×	×	×	×	×	RAD 9315/9320		100				11		mus
1	, -	4 - 1	R	105	-	-		-	-			-							Anal	1		1	\prod	-	be l
2			1	DATE					-	-	-	-	-		-	-		-	YS	1	П		11		COM
1	8		4	m -							1					\dashv		-		+	Н	+	ш		plete
N			11	县															(N/A) po		П	1		-	d ac
1			3	TIME															3	1	П			6	Cur
8			1	6													37	2			11		I		tely
C				湖		_					_1									S	11	R		Page:	
d on	1	+	+	8	Т		-			T		-		_	. 1	-	Residual Chlorine (Y/N)	7		State / Location		Regulatory Agency	1	. 00	
				SAMPLE CONDITIONS				1						-		- 1		- N. S.	- 1	Loca		2		. [
-	+	+	H	8)	1			提等 第223	20	don		3			
		10		9										-	7			322	型	E	\prod	Ž.		2	
	+	-		S										F	9			速能		10		2	ľ		
3					1							- 1				- 1			盤	13	П		- 1	- 1	



CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

inC		= 1	7 7	11	7	9				1	7	ER.	of SAMPL	PRINT Name of SAMPLER:	0					
1.16			1000			1	1	1	4		m	ATUR	AND SIGN	SAMPLER NAME AND SIGNATURE	SAMP			-		
									11			11								
										0	80	12	2081 28/hz/18	Wood.		-	Sand Henry	E a		
-	TIME	DATE	***	NOITAL	ACCEPTED BY I AFFILIATION	KB GB	CCEPI	Þ			TIME	=	DATE	TION	RELINQUISHED BY ! AFFILIATION	SHED 8	RELINQUI	-	*	ADDITIONAL COMMENTS
_					1		+		-						H					
				×	T		-		-		-						TV			
			×	×	×		H		-			L					TW			
1			×	×	×		-		1		+				T		W			
_			×	×	×		-		-								TW			
			×	×	×		-										W.	1		
			×	×	×				×		5x	,	1545	-		Г	TW.C			PL-33
			×	×	×				×		×		1400	_			NG.			PZ-31
				×	×				У.		×		İ.	5/24/22			\$ C			FD-01
			×	×	×				У.		5. ×		1133	8/24/22			12			PN-ID
Residual Chlorine (Y/N)			App III/IV Metals RAD 9315/9320	TDS	Analyses Test -	Other	Na2S2O3 Methanol	NaOH	HO1	H2S04	* OF CONTAINERS Unpreserved	SAMPLE TEMP AT COLLECT	TIME	DATE	START	DAT	MATRX CODE (see valid con SAMPLE TYPE (GEGRAB C	2 0 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	Water Was	SAMPLE ID One Character per box. [A-Z, 0-91, -] Sample lds must be unique
					Y/N		es	vativ	Preservatives			NC		COLLECTED	00			CODE	MATHIX	
4	(NIX)	Analysis Filtered	Requested Ana	Rec	П					1							1			
State / Location	THE RESIDENCE OF THE PROPERTY.	THE STATE OF THE S		EDS TOIL	income a present foundation	No STATE	T. W. THOMAS	34	10/	Pace Profite #	асе Ру		7	2202	251	160	0122	Project # 6122160170.		Due Date Standard
		-				Colonia	will a		anage	Pace Project Manager	Pace Project	701		A	022 2nd S	ichell 2	e. M	roject Neir		(7/0)421-3382 Fax
Regulatory Agency							1			Sto	Address	1		BANKER	L	20	YI, C	Purchase Order #:		methoward2@woodpic.com
									4	Company Name	ompar				1	da	Bher	Copy to Rhenda, C	0	1075 Big Shanty Road
Page:	Pa								anon.	Attention	Attention	5	-			loward	Daniel Howard	Report To.		Wood E&I (GA Power)
	,								211011	T COL	VOI CE	_			1111	Ulliant	וטיפכו אווו	Required Project Information:		



CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be complete.

Control Cont	(N) stody sled soler (N) imples act (N)	IP in C	llen	Ever Gui	H	0	an ol Howard	F	-		J	MPLER:	PRINT Name of SAMPLER:	PRIIN						
The part of the control of the part of the	on .										R	SIGNATI	R NAME AND	SAMPLE						1
Regard to Table 1 The Transfer Control of Table 1 The										10	7	Syste	00 1/2		Dwit	Swall	2			
Control Cont	SAMPLE CONDITIONS	TIME	DATE	TION	AFFILIA?	17 AB U	ССЕРТІ			ME		PIVO		(AFFILIATIO	SHED B	RELINGU	£		ADDITIONAL COMMENTS	
The state of the s				×	-	F	-			-		-			T	WI				13
The state of the s				×			-		-							T.W			and the second s	4.14
AND THE PROPERTY OF THE PROPER	The same of the sa			×		1				-		-			T	¥.				137
Contract for Constitution Contract C				×	×		-		-						T	TW				元七
And Proper Notes (1) To Design Home (1) To Design H				×	×		-									TW				1
Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page 10 Page P				×	×											TW				45.23
Registration Date: 1 Off Properties Office (Sept To National 2022 And St. Properties Office (Sept To National 2022 And St. Properties Office (Sept National 2022 And St. Properties of National 2022 And St. Properties (Sept National 2022 And St. Properti				×	×		-			1		-			T	WT				42.36
Regulatory Agamey Report To Daniel Howard Compression				×	×					-						TW.			The part of the last of the la	ALT: A
Registration Dates Home Report to Dates Home Registratory Agency Copy to Report to Dates Home Registratory Agency				×	×											T.W				1
Report to Daniel Howard Copy to N North A Copy to N N North A Copy to N N N N N N N N N N N N N N N N N N	H=7.1			×	×				×			801	1/22/22/1			# C			PZ-15	E PAR
Registration Date Page Of Preserved	H= 7,			×	×		7 C		×		-	212	1 reprete			\$5			91-Zd	9-01
Report to Daniel Hovery Copy to Manage Hovery Copy to Manage Hovery Copy to Manage Hovery Copy to Manage Hovery Matchel 2022 2nd \$A Project Name Proj	H= 6			×	×				×	×	57	23	8/25/22 10			¥ S			1-7	1
Report to Daniel Howard Countries Copy To R. Monda Cuttern Company Name Company Name Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Project Rape Michael 2022 2nd SA Requested Analysis Fillored (YN) GA Requested Analysis Fillored (YN) GA Preservatives S Preservatives S Requested Analysis Fillored (YN)	Residual Chlorine (Y/N)			App III/IV Metals									Z	> >	DA:		3	Walet Wash Ploefiel Sourse Sourse Wipe An Other Using	PLE ID	San Or CO
Report to Daniel Howard Attention: Copy To R. Manda Survin Company Name Company Name Company Name Address: Project Region Michael 2022 and St. Project Re					Y/N	Tyen,	es	ervativ	Pres	-	1	5N	ECTED	COLL	1	des to left)		MATRI		
Report to Daniel Howard Attention: Copy to Report to Daniel Howard Company Name Company Name Company Name Address: Purchase Order # Purchase Order # Pace Quote Pace Project Name Milchell 2022 2nd SA Pace Project Name (Canada Company Name) An Project # 6122 Col 70, 2202 Pace Profile # 10834		(NIX	lysis Filtered (Requested Ana								-			1	-				
Report to Daniel Howard Attention Attention: Copy To Nord Attention Company Name Copy To Nord Attention Company Name Address Principase Order # Page Course Page Course Regulatory Agency As Project Name Michael 2022 and Sa Daniel Based Course Based Course Based Course Cou	ste / Location	Sintification	- International Control	5-00M;		(i)celo	неоје-с	34	1	Profile	13ace			0170	210	61	Project #		Stan	Due Date
Copy To R hond & Quan Company Name Copy To R hond & Quan Company Name Address Address	ciacoly Agency	Pari								Quote	Pace	And the same of th	The state of the s	20 000 000	ilchell 3		Project h		(770)421-3382 Fax.	(770)
Report To Daniel Howard Attention Copy To Copy				and the second s	-				lie.	SS.	Addre		27707	7	3				Kennesaw, CA 3014/1	ABSBUIRBY
Theoret information:	3	- die								tion	Allen				Howard	Daniel	Report 1		1075 Bio Shanty Road	1075
		Donn							malion	ce Info	Invol			301	formati	d Project In	Require		Chent Information:	heat late

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

erved colored	(P in C		100	Con.	ver Con	V	E		-	Howard	工	3	3.	8	7	ER:	PRINT Name of SAMPLER:	Name o	PRINT										
on.			Y			1		1				F	1		RE	NATL	SAMPLER NAME AND SIGNATURE	AME A	PLER N	SAM									
													- 3	1800		122	8/24/22	2	Moud	Horand	3	J	(Second)	#					
SAMPLE CONDITIONS	TIME	1	DATE	Ĭ	Z	NOITAL	AFFILI	ACCEPTED BY / AFFIL	D31d	ACCE				TIME		m	DATE		MOITA	RELINQUISHED BY / AFFILIATION	ED BY	HISIUG	RELING			14	ADDITIONAL COMMENTS	ADDITION	
				×	×	×	×	_		1		-	-									_	W						15.7
O Proposition of the Proposition				×	×	×	×	1				-	-						-			-	¥,						Parte
				×	×	×	×					1	+-	-					-	1		-	¥.						297
				×	×	×	×	_	-		The state of the s	+	-		1				+	1		-	TW						- Charles
				×	×	×	×					-	-			1						-	5						P#57-
				×	×	×	×					-	-									_	TW						*
				×	×	×	×					-	+									-	¥,						a Seed
				×	×	×	×	1_	-			-	-									1	TW						72.284
01.7=Ha				×	×	×	×					×	-	×	6	31	1346	4	,			C	\$ C				2-25	01	P
6H=7.34				×	×	×	×					×		×			1416					0	K				-32	24	100
0H=8.01				×	_	×	×					×	**	×	仏		11.32					0	NO.				120	74	9-9-
				×	×	×	×					~	1	×	U	-	3/24/12 1000	24/2	3			Ø	\$2 O				B-01	FB	8-01
Residual Chlorine (Y/N)	Daring Chinese 1238			RAD 9315/9320	App III/IV Metals	TDS	Analyses Test	Other Analyses Tost	Methanol	Na2S2O3	NaOH	HCI HNO3	H2SO4	Unpreserved	# OF CONTAINERS	SAMPLE TEMP AT COLLECTION	TIME	DAILE		START	DA'IE		MATRIX CODE (see valid cod	20 5 4 5 5 5 A A A A A A A A A A A A A A A	ia Vacci	Water Water Water Water Water Water House Soul/St Oil Wilper Au Other Tissue	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample ids must be unique	SAMPLE ID ne Character per box (A-Z, 0-9 f, -) mple des must be unit	One
						4 4 6	Y/N	VIN		/es	vati	reservatives	-			אכ		TED OB	соглестев	CC		COMP)	es ic lefti	CODE		NA.			
Ş		red (Y/N)	Analysis Filtered (Y/N)		Requested	_		-										1	1										
State / Location	Sta		0.000	2110-	, (a)	abs.com		nicole d'alea(gpace	e d'al	HICOL	4	Pace Project Manager	M 15	Pace Profile #	Pace			000	Project # 6 12 2 16 0 17 0 2 2 0 3	2 160170	15 July 19	Miles	2 5	Project Name	Pio		A See A	5+ and	Due Date 37
Regulatory Agency	Regu					-				-			а	Pace Quote	Расе			20	a appe	1			rder#:	Purchase Order #:	Pur		ole com	arnel howard2@woodplc.com	d howar
								1	1	1		-	Vaine	Villed	Company Name		-	2	Cum	10	-	1	7	Copy to Kanada	Cal		Road	Kennesaw, GA 30144	mesaw.
	. uga .													tioit	Attention				-		plea	Deniel Howard	Den	Report To:	184		wer)	Wood F &I (GA Power)	Wood I
of .	Pane .											Invoice Information:	orm	ce in	Invoi						nation	Inform	roject	Required Project Information:	Rec			mation:	Jent Information:



CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

eived on () tody ed (lec () roles	iP in C	lles	Gu,	Ever	11	-	-	Howar	5		-	3		APLER	ne of SAN	PRINT Name of SAMPLER:	7						
						11							URE	IGNAT	SAMPLER NAME AND SIGNATURE	LER NAM	SAMI						
												1810	1 5	8/25/22		Wood	1	NT4	(Jahan	Daniel House			
SAMPLE CONDITIONS	TIME	DATE		2	ACCEPTED BY I AFFILIATION	AFFI	AB GR	CEPT	A		-	TIME		DATE	p	VIION	RELINQUISHED BY / AFFILIATION	HED B	INQUIS	RE		ADDITIONAL COMMENTS	A
														++									
				×	-	_		-			+			+	1	÷			TW				
				×	×	×		-	_		-		1				-		LM				
				×	×	i×							1			H			ML				Ē
				×	×	×											<u> </u>		WI				+
				×	×	152											-		IW				2.10
,				*	×	×													WT				-
0H= 7.05				×	×	lu "				^	~	X	Ü	0	8/25/22/210	30,25		-	A.C.			07-17	2:19
31.9=Ha											×	×	Ġ	Č.	stusta 1035	8/25/			1º			81-20	77-18
24.9 = Ha				×	×					$\hat{}$	~	×	57	1	22	\$125/22			TE CO			-D-02	3
Residual Chlorine (Y/N)			7012 0010/0020	App III/IV Metals RAD 9315/9320	CLF, SC4	Analyses Test	Other	Na2S2O3 Methanol	NaCH	HCI	H2SG4	Unpreserved	# OF CONTAINERS	SAMPLE TEMP AT COLLECTION	TIME	DATE	STARY	ST	MATRX CODE Isee valid cool SAMPLE TYPE (G=GRAB C	20 3 3 € 5 E ± 8 8 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	Water Walar Walar Walar Walar SoltSolid Cin Whips An Chicar Traves	SAMPLE ID One Character per box. (A-Z, 0-9 / , -) Sample ids must be unique	SA One C Sample
						Y/N		S	vativ	Preservatives				ON .	0	COLLEGIED	CI			CODE	MATHER		
GA	INIX	Analysis Filtered	ed Analys	Requested	-				4	10834	10 9	r see crome w	100		1	4	1	8	03				
State / Location	Su		A COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS	Om	dabs.com	mcole.d'oleo@pace	oleo!	rejon		Pace Project Manager	eci M	e Pro	Par		3	SA	D22 2nd	chall 2	د کا ک	Project # 613 31 C 2022 2nd SA	p 1.	Due Date 37-0 14-1	e Dale 37
Regulatory Agency	Reg	t									č	Pace Quote	Pac		-	Arns	16 0	100	= 5	Purchase Order #:	2	lc co	el howard2
											Company Name	pany	100		1	Brigh	2	-	The policy of	Capy to	2	nesaw, GA 30144	Kennesew, GA 30144
17 01 11	Page:					1	1					Attention	All					owarc	Daniel Howard	Report To	R	Wood E&I (GA Power)	Wood Es
	7,000									tion:	invoice information:	oice li	inv				on:	mati	ect Into	Required Project Information:	2		The state of the s



CHAIN-OF-CUSTODY / Analytical Request Document

																	The latest			
										0	1810	8/15/12		Wood	1 par	XHO	Daniel Howard			
SAMPLE CONDITIONS	TIME	DATE		ž		ACCEPTED BY I AFFI	CCEPT			A	TIME	DATE	0	RELINQUISHED BY / AFFILIATION	ED BY / AI	HSINDNI	REL		ADDITIONAL COMMENTS	
			×		×											T	TW			147
			×	×	×											IM	5			1
			×		×				-	-						WI	V			1
			×	×	×											TW	V			1777
The state of the s			×	×	×											WT	V			1.37
- 11 Person Community Control of the			×	×	×											TW	V			1
				×	×											TW	V			1
			×	×	×											WI	-		The second secon	100
			×	×	×											TW	1			1
pH=693					×		-		×	24,	CK	8	8/24/22 16:00	4.8		15			7/-11	3
5			1	×	×				×	×	以	0	OH-I respect	E&	-	₹C.	-		アト・ノロ	1
			×	× ×	×				×	×	S	2	8124/22 16C8	554		TG			アトーと出	197
Residual Chloria			App 11/1V Metal RAD 9315/9320	TDS	Analyses	Methanol Other	Na2\$203	HOH NaOH	HNO3	Unpreserved H2SO4	# OF CONTAINS	SAMPLE TEMP	DATE	TIME	DATE	MATRIX CODE			(A-Z, 0-9 i, -) Sample lds must be unique	S
e (Y/N)					Test					_		AT SOLLECT	END	START	ST	2, 1, 2, 2, 3, 1, 5	A	Water Water Waste Water Pladuct Sol/Solid Cid Wither	SAMPLE ID One Character per box.	0 ,.
					Y/N		ves	Preservatives	Pres			ON	STED	СОГГЕСТЕР				MA(Rix Enmisting Water		
	(NIX	Analysis Filtered (Y/N	Requested Analy	Re	T						1	1				_				
State / Location GA		Total Control of the		elabs com,	opacei	mode doleogipac	Hook	10634	1 1	Pace Profile # 108	Pace		202	6122160170,2202	160	122	Project # 6	Pro	" Tradath	Due Date.
The County of the County						-				along ane,	1 ace	-		48 1116	Sept. 2023	Mile	Project Name	Pro	(770)421-3382 Fax	(770
Hilatory Aponon	Ros	+	The second secon							SSE	Address		Barker		2118	100	Puichase Order #	Pu	artiel howard/2@woodpic.com	niel how
							-		a(ne	Company Name	Com		0.0		Rhandle C	40	Copy To	00	10/5 Big Shaniy Road	707
of of	Page :							7.	mane	Altention	Aller				owerd	Daniel Howard	deport for 1	Ro	Wood F81 (GA Power)	Wor
										hvolen laFe	lowe				rmation	ect Info	Required Project Information:	Re	Ment Information:	moin in



CHAIN-OF-CUSTODY / Analytical Request Document
The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

MP in Converted (N) stopy led (N) in piles of (N)		,			0	Howard	35	T	5.0	Days Hou	0	7.	PRINT Name of SAMPLER:	ame of	RINTN								
											m	TUE	SAMPLER NAME AND SIGNATURE	AME AI	LER NJ	SAMI				No.			
								1															
										30	1600	S	2/26/22		Wood	2	3	Abyran	Damiel 1	đ			
SAMPLE CONDITIONS	TIME	DATE	ON	Ā	ACCEPTED BY / AFFI	ЭТЧЭ	ACC			m	HWE.		DATE		ATION	RELINQUISHED BY I AFFILIATION	ео вү	изир	RELIN	-		ADDITIONAL COMMENTS	
			×	×															WI				1
			× ×	×														Ľ	WT				1
			×	×				-				<u> </u>							W				1
			×						1		-				-				W				1
			×	×							-	1					1		I.M		And the second constraints		162
				×							-				-				TW				4.30
			× ×	×		1					-						-	L	LM.				7
			×	×	_						1								TW				777
			× ×	×				-			-					1			E.				7
			×	×				-			-		h		-		1		18				0.00
DH=7.09			×						X		V.		1120	alma	Cox.			\$€	£ 5			PZ-57	1
			× ×	×		■ Y			×.		Un		8/26/22 0915	16/2	3/			TE C	₹5			FB-01	401
Residual Chlorine (Y/N)	,		App III/IV Metals RAD 9815/9320	Analyses Test CI, F. SO4	Other	Methanol	Na2S2O3	HCI NaO≻	HNO3	H2S04	# OF CONTAINERS Unpreserved	SAMPLE TEMP AT COLLECT	D	DATE		START	DAILE	SAMPLE TYPE (G=GRAE C	MATRIX CODE (see valid co	ate wy	Water Water Frontied SoutSolid Out Water Aur Other Thomas	SAMPLE ID One Character per box. (A-Z, 0-91, -) Sample Ids must be unique	One
				Y/N			lives	Preservatives	Pre	1	1	ON		E	COLLECTED	C		=COMP)	des Ic (eff)		MAJAIX		
GA	(N/X)	ysis Filtered	Requested Analysis Filtored (Y/N)		Ц	11	\prod		11	П	$\ \cdot\ $] [+				
State / Location			labs.com,		mode.dipleo@pace	J. Sale	- Juc	Dean	Mana	Pace Project Manager	1 BOR	1		1202		2160170	7 101	2 MILE	0	Project # 6 22 60 70.		ndo	ae Date
Regulatory Agency		1								Pace Quote.	909			1	1				Order	Purchase Order #		aniel howard?@woodpic.com	iel howai
									ma.	Company Name	Compan	- Anna		3	N. O. D.		1	Khond to		Gopy To		Kennesaw, GA 30144	ernesaw,
Page: Of 1	L PE					1				THO	Allention.						Dinamo	Daniel Howard	. Da	Report To.		Wood F&I (GA Power)	Wood
	,							7.	matic	e Into	invoice information:		required Project information:			11:	manu	I migi	Frujec	reduited Frederic implification:			The state of the s

Quality Control Sample Performance Assessment

VAL 9/7/2022 Ra-228 68670 WT Test Analyst: Date: Worklist: Matrix:

Face Analytical

Method Blank Assessmen

8/16/2022 MS/MSD Sample Collection Date: Sample Matrix Spike Control Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

2572179 0.356 0.756 1.56 Pass Pass 0.284 MB Sample ID M/B 2 Sigma CSU: MB MDC: MB Numerical Performance Indicator: MB Status vs Numerical Indicator: MB Status vs. MDC:

MS/MSD 2 30516426010 30516426020 30516426021 85.36% 82,84% 22-016 34,663 0.212 0.716 1.174 1,190 -1.035 0.10 0.10 0.804 4.321 0.827 4.407 Pass 0.211 1.507 MS Aliquot (L. g, F):
MS Target Conc. (pci/L. g, F):
MSD Aliquot (L. g, F):
MSD Target Conc. (pci/L, g, F): Sample I.D. Sample MS I.D. Sample MSD I.D. MS/MSD Upper % Recovery Limits: MS/MSD Lower % Recovery Limits: Matrix Spike Duplicate Result 2 Sigma CSU (pCVL, g, F): MS Numerical Performance Indicator: Spike I.D.: MS/MSD Decay Corrected Spike Concentration (pCi/mL); Spike Volume Used in MS (mL): Spike Volume Used in MSD (mL): MS 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 MS Status vs Recovery MSD Status vs Recovery MSD Spike Uncertainty (calculated) MSD Numerical Performance Indicator MS Percent Recovery MSD Percent Recovery MS Status vs Numerical Indicator MSD Status vs Numerical Indicator

LCSD68670

Laboratory Control Sample Assessment

sample IDs if other than LCS/LCSD in he space belov Enter Duplicate See Below 排 3.620 0.862 -1.50 84.37% 34.342 0.10 0.800 4.291 22-016 0.210 N/A Sample Duplicate Result (DCIV., g, F):
Sample Duplicate Result 2 Sigma CSU (pCiV., g, F):
Are sample and/or duplicate results below RL? Duplicate Sample I.D. Sample Result (pCi/L, g, F): Sample Result 2 Sigma CSU (pCi/L, g, F): Decay Corrected Spike Concentration (pCi/mL): Aliquat Volume (L, g, F): Target Conc. (pCi/L, g, F): Uncertainty (Calculated): Result (pCi/L, g, F): LCS/LCSD 2 Sigma CSU (pCi/L, g, F): Numerical Performance Indicator: Status vs Recovery: Upper % Recovery Limits: Sample I.D.: Count Date: Volume Used (mL): Percent Recovery Status vs Numerical Indicator ower % Recovery Limits Spike I.D.

Duplicate Sample Assessmen

Marnx Spike/Matrix Spike Duplicate Sample Assessment		
Sample I.D.	30516426010	
Sample MS I.D.	30516426020	
Sample MSD I.D.	30516426021	
Sample Matrix Spike Result:	4.507	
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):	1,174	
Sample Matrix Spike Duplicate Result:	4,407	
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.190	
Duolicate Numerical Performance Indicator.	0,117	
(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:	2.99%	
MS/ MSD Duplicate Status vs Numerical Indicator.	Pass	
MS/ MSD Duplicate Status vs RPD:	Pass	
% RPD Limit	36%	

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

Duplicate Status vs RPD;

% RPD Limit:

Duplicate Status vs Numerical Indicator:

Duplicate Numerical Performance Indicator,

Duplicate RPD:

Comments:

Page 58 of 62

Pace Analytical

Quality Control Sample Performance Assessment

VAL 9/9/2022 Ra-228 68728 WT Test Analyst Date: Worklist: Matrix:

MS/MSD Z

MS/MSD 1

Sample I.D. Sample MS I.D. Sample MSD I.D.

Sample Collection Date:

Sample Matrix Spike Control Assessment

Spike L.D.:

MS/MSD Decay Corrected Spike Concentration (pCi/mL):

Spike Volume Used in MS (mL):

Spike Volume Used in MSD (mL):

Analyst Must Manually Enter All Fields Highlighted in Yellow.

 ation: 0.757	CSU: 0.340	MDC: 0.552	cator, 4.37	cator: Fail*	MDC: See Comment
MB concent	M/B 2 Sigma	MB	MB Numerical Performance Ind	MB Status vs Numerical Ind	MB Status vs.

aboratory

Method Blank Assessment

MS Target Conc. (pCi/L, g, F):
MS Target Conc. (pCi/L, g, F):
MSD Target Conc. (pCi/L, g, F):
MS Spike Uncertainty (caiculated):

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 (pC/IL, g, F): MS Numerical Performance Indicator;

MS Percent Recovery

MSD Numerical Performance Indicato

Control Sample Assessment	CSD (YorN)?	z
	LCS68728	LCSD68728
Count Date:	9/21/2022	
Spike I.D.:	22-016	
Decay Corrected Spike Concentration (pCi/mL):	34,254	
Volume Used (mL):	0.10	
Aliquot Volume (L, g, F):	0.807	
Target Conc. (pCi/L, g, F):	4.245	
Uncertainty (Calculated):	0.208	
Result (pCi/L, g, F):	4.828	
LCS/LCSD 2 Sigma CSU (pCi/L, g, F):	1.031	
Numerical Performance Indicator:	1.09	
Percent Recovery:	113.74%	
Status vs Numerical Indicator:	NA	
Status vs Recovery:	Pass	
Upper % Recovery Limits:	135%	
Lower % Recovery Limits:	%09	

	23		11	11	1	<u> </u>	TL:		-		
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 Resul	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

92623277006DUP

92623277006

Duplicate Sample Assessment

0.587 1,505 0.470 See Below##

Sample LD.: 6
Sample Result (pCML, g, F):
Sample Result 2 Sigma CSU (pCML, g, F):
Sample Duplicate Result (pCML, g, F):
Sample Duplicate Result (pCML, g, F):
Are sample and/or duplicate results below RL?

1,850

Duplicate RPD:

Duplicate Numerical Performance Indicator:

Pass Fail**

Duplicate Status vs RPD:

Duplicate Status vs Numerical Indicator

MS/MSD Upper % Recovery Limits: MS/MSD Lower % Recovery Limits:

MSD Status vs Recovery

MS Status vs Recoven

MS Status vs Numerical Indicator MSD Status vs Numerical Indicator MSD Percent Recovery

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:
inter Duplicate	sample IDs if	other than	LCS/LCSD in	e space below.			92623277006	623277006DUP			

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

Comments:

"The method blank result is below the reporting limit for this analysis and is acceptable.

Face Analytical

Quality Control Sample Performance Assessment

28		022	35	
Ra-2	VAI	9/28/2	6905	5
Test	Analyst	Date:	Worklist	Matrix:

2599416 0.037 0.270 0.626 0.27 Pass Pass

MB concentration: MB 2 Sigma CSU: MB MDC:

MB Sample ID

Method Blank Assessment

MB Status vs Numerical Indicator, MB Status vs. MDC:

Laboratory Control Sample Assessment

MB Numerical Performance Indicator.

×	
olla	
n Y	
pa	
ght	
H	
Ħ	
spl	
Fie	
A	
rter	
E	
lall	
anı	
StN	
Mu	
IST	
nal	
A	

	Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
	Sample Collection Date:		
	Sample LD.		
	Sample MSD (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):		
LCSD69055	Sample Result:		
10/4/2022	Sample Result 2 Sigma CSU (pCi/L, g, F):		
22-029	Sample Matrix Spike Result:		
19.874	Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):		
0.20	Sample Matrix Spike Duplicate Result:		
0.805	Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):		
4.940	MS Numerical Performance Indicator.		
0.356	MSD Numerical Performance Indicator:		
4.442	MS Percent Recovery:		
776.0	MSD Percent Recovery:		
-0.94	MS Status vs Numerical Indicator:		
89 91%	MSD Status vs Numerical Indicator.		
N/A	MS Status vs Recovery:		
Pass	MSD Status vs Recovery:		
135%	MS/MSD Upper % Recovery Limits:		
80%	MS/MSD Lower % Recovery Limits;		

LCSD (Y or N)?
LCS69055
10/4/2022
22-029
19.874
0.20
0.20
0.806
4.933
0.355

Aliquot Volume (L. g, F): Target Conc. (pCi/L, g, F): Uncertainty (Calculated):

Count Date;
Spike I.D.:
Decay Corrected Spike Concentration (pCl/mL);
Volume Used (mL):

-1.48 84.92% N/A Pass 135% 60%

Upper % Recovery Limits: Lower % Recovery Limits:

Status vs Recovery.

Result (pC/L, g, F):
LCS/LCSD 2 Sigma CSU (pC/L, g, F):
Numerical Performance Indicator:
Percent Recovery:
Status vs. Numerical Indicator:

mple Assessment	Sample I.D.	Sample MSD I.D. Sample Matrix Spike Result:	Matrix Spike Result 2 Sigma CSU (pCl/L, g, F): Sample Matrix Spike Duplicate Result;	Duplicate Result 2 Sigma CSU (PC/L, g, F): Duplicate Numerical Performance Indicator:	the Percent Recoveries) MS/ MSD Duplicate RPD: MS/ MSD Duplicate Status vs Numerical Indicator:	MS/ MSD Duplicate Status vs RPD: % RPD Limit:
Matrix Spike/Matrix Spike Duplicate Sample Assessment		Sar	Matrix Splike Result 2 Sample Matri	Matrix Spike Duplicate Result 2 Sigma CSU (pC/LL, g, F): Duplicate Numerical Performance Indicator:	(Based on the Percent Recoveries) MS/ MSD Duplicate RPD: MS/ MSD Duplicate Status vs Numerical Indicator.	MS/ MSD

Matrix	03	_			*		-					
	Enter Duplicate	sample IDs if	other than	LCS/LCSD in	the space below.							
	LCS69065	LCSD69055	4,189	0,917	4.442	0.977	ON.	-0.370	2.70%	Pass	Pass	36%
Duplicate Sample Assessment	Sample I.D.:	Duplicate Sample I.D.	Sample Result (pCi/L, g, F):	Sample Result 2 Sigma CSU (pCi/L, g, F):	Sample Duplicate Result (pCi/L, g, F):	Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):	Are sample and/or duplicate results below RL?	Duplicate Numerical Performance Indicator:	(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	Duplicate Status vs Numerical Indicator:	Duplicate Status vs RPD:	% RPD Limit:

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

My Market Somments:

Quality Control Sample Performance Assessment

Analys	
	Ra-226
	Test:

Face Analytical

st Must Manually Enter All Fields Highlighted in Yellow.

MS/MSD 2

MS/MSD 1

	Analyst:	RMS	Sample Matrix Spike Control Assessment
	Date:	9/7/2022	Sample Collection Date:
	Worklist	68700	Sample I.D.
	Matrix:	DW	Sample MS I.D.
			Sample MSD I.D.
Method Blank Assessment			Spike I.D.;
	MB Sample ID	2572345	MS/MSD Decay Corrected Spike Concentration (pCl/mL):
	MB concentration:	0.039	Spike Volume Used in MS (mL):
	M/B Counting Uncertainty:	0.073	Spike Volume Used in MSD (mL):
	MB MDC:	0.167	MS Aliquot (L, g, F):
2	MB Numerical Performance Indicator:	1.05	MS Target Conc.(pCi/L, g, F):
	MB Status vs Numerical Indicator:	N/A	MSD Aliquot (L, g, F):
	MB Status vs. MDC:	Pass	MSD Target Conc. (pCi/L, g, F):
			MS Spike Uncertainty (calculated):
aberatory Control Samula Accessment		V CSD (V or N)?	MSD Soike Uncertainty (calculated):

	The second second second		
rol Sample Assessment	LCSD (Yor N)?	λ.	MSD Spike Uncertainty (calculated):
	LCS68700	LCSD68700	Sample Result.
Count Date:	9/22/2022	9/22/2022	Sample Result Counting Uncertainty (pCi/L, g, F):
Spike I.D.:	19-033	19-033	Sample Matrix Spike Result:
Decay Corrected Spike Concentration (pCi/mL):	24.023	24.023	Matrix Spike Result Counting Uncertainty (pCi/L, g, F):
Volume Used (mL):	0.10	0.10	Sample Matrix Spike Duplicate Result:
Aliquot Volume (L, g, F):	0.503	0.503	Matrix Spike Duplicate Result Counting Uncertainty (pCi/L, g, F):
Target Conc. (pCi/L, g, F):	4.779	4.773	MS Numerical Performance Indicator:
Uncertainty (Calculated):	0.057	0.057	MSD Numerical Performance Indicator:
Result (pC//L, g, F):	4.458	5.474	MS Percent Recovery:
LCS/LCSD Counting Uncertainty (pCl/L, g, F):	0.482	0.511	MSD Percent Recovery:
Numerical Performance Indicator:	-1.29	2.67	MS Status vs Numerical Indicator:
Percent Recovery:	93.29%	114.68%	MSD Status vs Numerical Indicator.
Status vs Numerical Indicator.	NA	N/A	MS Status vs Recovery:
Status vs Recovery:	Pass	Pass	MSD Status vs Recovery:
Upper % Recovery Limits:	125%	125%	MS/MSD Upper % Recovery Limits:
Lower % Recovery Limits.	75%	75%	MS/MSD Lower % Recovery Limits:

Matrix Spike/Matrix Spike Duplicate Sample Assessment	Sample I.D.	JUP Sample MS I.D.	Sample MSD I.D.	Sample Matrix Spike Result:	Matrix Spike Result Counting Uncertainty (pCi/L, g, F):	Sample Matrix Spike Duplicate Result:	# Matrix Spike Duplicate Result Counting Uncertainty (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:
	92622406005	92622406005DUP	0.015	0.065	0.077	0.075	See Below 排	-1.222	134.13%	NA		25%
	LCS68700	LCSD68700	4.458	0.482	5.474	0.511	ON	-2,835	20.57%	N/A	- SSB-	20%
uplicate Sample Assessment	Sample I.D.;	Duplicate Sample I.D.	Sample Result (pCi/L, g, F):	Sample Result Counting Uncertainty (pCi/L, g, F):	Sample Duplicate Result (pCi/L, g, F):	Sample Duplicate Result Counting Uncertainty (pCi/L, g, F):	Are sample and/or duplicate results below RL?	Duplicate Numerical Performance Indicator:	(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	Duplicate Status vs Numerical Indicator:	Duplicate Status vs RPD:	% RPD Limit

Duplicate Sample Assessm

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

Comments:

son alread 22 477

LAMA PERPER

TAR 68700 W CorrectedSampleID
TAR 68700 W xls

Page 61 of 62

Pace Analytical

Quality Control Sample Performance Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

9/12/2022 68731 DW RMS Test Date: Worklist: Matrix: Analyst:

0.178 1.50 N/A Pass 0.065 0.084 MB Numerical Performance Indicator. MB Sample ID MB MDC: MB Status vs Numerical Indicator. MB Status vs. MDC: MB concentration: M/B Counting Uncertainty

Method Blank Assessmen

Laboratory Control Sample Assessment

MS/MSD 2 MS/MSD 1 Sample I.D. Sample MS I.D. Sample MSD I.D. MS/MSD Upper % Recovery Limits: MS/MSD Lower % Recovery Limits: MS Spike Uncertainty (calculated): MSD Spike Uncertainty (calculated): MS/MSD Decay Corrected Spike Concentration (pCi/mL): Spike Volume Used in MS (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): Sample Result Counting Uncertainty (pCi/L, g, F): Sample Matrix Spike Result: Matrix Spike Result Counting Uncertainty (pCi/L, g, F): Sample Matrix Spike Duplicate Result Matrix Spike Duplicate Result Counting Uncertainty (pCi/L, g, F):

MS Numerical Performance Indicator: Sample Collection Date: Spike I.D. Spike Volume Used in MSD (mL): Sample Result MS Percent Recovery MS Status vs Numerical Indicator MSD Status vs Numerical Indicator MS Status vs Recovery MSD Status vs Recovery MSD Numerical Performance Indicator MSD Percent Recovery Sample Matrix Spike Control Assessment

CSD6873 9/23/2022 19-033 24.023 0.10 0.502 4.789 0.057 4.446 0.462 -1.44 92.84% Pass 125% 75% Y. 104.14% CS6873 19-033 0.10 Pass 125% 75% 976 0.057 0.520 W/W Count Date: Spike I.D.: Result (pCi/L, g, F): LCS/LCSD Counting Uncertainty (pCi/L, g, F): Aliquot Volume (L, g, F): Upper % Recovery Limits: Lower % Recovery Limits: Decay Corrected Spike Concentration (pCI/mL): Volume Used (mL): Uncertainty (Calculated): Status vs Recovery: Farget Conc. (pCI/L, g, F) Numerical Performance Indicator Percent Recovery Status vs Numerical Indicator

Matrix Spike/Matrix Spike Duplicate Sample Assessment 92622406006 92622406006DUP 0.016 0.067 0.046 0.077 See Below ## 98.11% N/A CSD6873 LCS68731 1.492 11.48% 4,976 0,520 4,446 0,462 Pass 25% Duplicate Status vs RPD: % RPD Limit: Sample I.D.: Sample Result (pCifL, 9, F): Sample Result Counting Uncertainty (pCifL, 9, F): Sample Duplicate Result (pCi/L, g, F): Are sample and/or duplicate results below RL? (Based on the LCS/LCSD Percent Recoveries) Duplicate RPD: Duplicate Sample I.D. Sample Duplicate Result Counting Uncertainty (pCi/L, g. F) Duplicate Status vs Numerical Indicator Duplicate Numerical Performance Indicator

Duplicate Sample Assessmen

Sample I.D. Sample MS I.D. Sample MSD I.D.

Sample Matrix Spike Result

MS/ MSD Duplicate Status vs RPD: % RPD Limit Matrix Spike Result Counting Uncertainty (pCI/L, g, F): Matrix Spike Duplicate Result Counting Uncertainty (pCi/L, g, F): Duplicate Numerical Performance Indicator: (Based on the Percent Recoveries) MS/ MSD Duplicate Ratus vs Numerical Indicator: Sample Matrix Spike Duplicate Result

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

Unangle 22 A) Char

Comments:

ralas Perelza

Printed: 9/26/2022 11:41 AM TAR DW QC





October 20, 2022

Michelle Barker WOOD E&I 1075 Big Shanty Rd Suite 100 Kennesaw, GA 30144

RE: Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Dear Michelle Barker:

Enclosed are the analytical results for sample(s) received by the laboratory on October 12, 2022. 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 Charlotte
- Pace Analytical Services Peachtree Corners, GA

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

Sincerely,

Nicole D'Oleo nicole.d'oleo@pacelabs.com (704)875-9092 Project Manager

Micole D'oler

Enclosures

cc: Joju Abraham, Georgia Power-CCR
Noelia Gangi, Georgia Power
Ben Hodges, Georgia Power
Kristen Jurinko
Laura Midkiff, Georgia Power
Ms. Lauren Petty, Southern Company
Rhonda Quinn, WOOD E&I
Michael Smilley, Georgia Power
Tina Sullivan, ERM
Greg Wrenn, WOOD E&I





CERTIFICATIONS

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006 South Carolina Certification #: 99006001

9800 Kincey Ave. Ste 100, Huntersville, NC 28078 South Carolina Drinking Water Cert. #: 99006003

North Carolina Drinking Water Certification #: 37706 Florida/NELAP Certification #: E87627 North Carolina Field Services Certification #: 5342 Kentucky UST Certification #: 84 North Carolina Wastewater Certification #: 12 La029

South Carolina Laboratory ID: 99006 Virginia/VELAP Certification #: 460221

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092 North Carolina Certification #: 381

Florida DOH Certification #: E87315 South Carolina Certification #: 98011001 Georgia DW Inorganics Certification #: 812



SAMPLE SUMMARY

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92630865001	PZ-2D	Water	10/11/22 11:30	10/12/22 15:00
92630865002	PZ-32	Water	10/11/22 13:15	10/12/22 15:00
92630865003	PZ-25	Water	10/11/22 15:40	10/12/22 15:00
92630865004	EB-01	Water	10/11/22 08:20	10/12/22 15:00
92630865005	FB-1	Water	10/11/22 10:00	10/12/22 15:00
92630865006	FD-01	Water	10/11/22 00:00	10/12/22 15:00



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Lab ID	Sample ID	Method	Analysts	Analytes Reported
92630865001	PZ-2D	SM 2540C-2015	BTS	1
92630865002	PZ-32	SM 2540C-2015	BTS	1
92630865003	PZ-25	EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
92630865004	EB-01	EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
92630865005	FB-1	EPA 7470A	VB	1
		SM 2540C-2015	BTS	1
92630865006	FD-01	EPA 7470A	VB	1
		SM 2540C-2015	BTS	1

PASI-C = Pace Analytical Services - Charlotte

PASI-GA = Pace Analytical Services - Peachtree Corners, GA



SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92630865001	PZ-2D					
	Performed by	Customer			10/13/22 14:04	
	рH	7.94	Std. Units		10/13/22 14:04	
SM 2540C-2015	Total Dissolved Solids	75.0	mg/L	25.0	10/14/22 16:06	
92630865002	PZ-32					
	Performed by	Customer			10/13/22 14:04	
	рН	7.37	Std. Units		10/13/22 14:04	
SM 2540C-2015	Total Dissolved Solids	173	mg/L	25.0	10/14/22 16:06	
92630865003	PZ-25					
	Performed by	Customer			10/13/22 14:04	
	рН	7.13	Std. Units		10/13/22 14:04	
SM 2540C-2015	Total Dissolved Solids	267	mg/L	25.0	10/14/22 16:06	
92630865006	FD-01					
SM 2540C-2015	Total Dissolved Solids	260	mg/L	25.0	10/14/22 16:06	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Date: 10/20/2022 05:37 PM

Sample: PZ-2D	Lab ID:	92630865001	Collecte	d: 10/11/2	2 11:30	Received: 10	/12/22 15:00 Ma	trix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytica Pace Ana	l Method: alytical Services	- Charlotte						
Performed by	Customer				1		10/13/22 14:04		
рН	7.94	Std. Units			1		10/13/22 14:04		
2540C Total Dissolved Solids	Analytica	l Method: SM 25	540C-2015						
	Pace Ana	alytical Services	- Peachtre	e Corners, (GΑ				
Total Dissolved Solids	75.0	mg/L	25.0	25.0	1		10/14/22 16:06		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Date: 10/20/2022 05:37 PM

Sample: PZ-32	Lab ID:	92630865002	Collecte	d: 10/11/22	13:15	Received: 10	/12/22 15:00 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytica Pace Ana	l Method: alytical Services	- Charlotte						
Performed by	Customer				1		10/13/22 14:04		
рН	7.37	Std. Units			1		10/13/22 14:04		
2540C Total Dissolved Solids	Analytica	l Method: SM 25	540C-2015						
	Pace Ana	alytical Services	- Peachtree	e Corners, C	€A				
Total Dissolved Solids	173	mg/L	25.0	25.0	1		10/14/22 16:06		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Date: 10/20/2022 05:37 PM

Sample: PZ-25	Lab ID:	92630865003	Collecte	ed: 10/11/22	15:40	Received: 10/	/12/22 15:00 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical	Method:							
	Pace Anal	ytical Services	- Charlotte						
Performed by	Customer				1		10/13/22 14:04		
pH	7.13	Std. Units			1		10/13/22 14:04		
7470 Mercury	Analytical	Method: EPA	7470A Prep	paration Met	hod: El	PA 7470A			
	Pace Anal	ytical Services	- Peachtre	e Corners, (€A				
Mercury	ND	mg/L	0.00020	0.00013	1	10/17/22 16:05	10/18/22 10:20	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, 0	€A				
Total Dissolved Solids	267	mg/L	25.0	25.0	1		10/14/22 16:06		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Sample: EB-01	Lab ID:	92630865004	Collecte	d: 10/11/22	2 08:20	Received: 10/	12/22 15:00 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	•	Method: EPA 7	•			PA 7470A			
Mercury	ND	mg/L	0.00020	0.00013	1	10/17/22 16:05	10/18/22 10:31	7439-97-6	
2540C Total Dissolved Solids	•	Method: SM 2		e Corners, C	SA.				
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		10/14/22 16:06		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Sample: FB-1	Lab ID:	92630865005	Collecte	d: 10/11/22	2 10:00	Received: 10/	12/22 15:00 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	•	Method: EPA 7	•			PA 7470A			
	Pace Ana	lytical Services	- Peachtree	e Corners, C	iΑ				
Mercury	ND	mg/L	0.00020	0.00013	1	10/17/22 16:05	10/18/22 10:33	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Ana	lytical Services	- Peachtree	e Corners, C	SA.				
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		10/14/22 16:06		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Sample: FD-01	Lab ID:	92630865006	Collecte	d: 10/11/22	2 00:00	Received: 10/	12/22 15:00 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
7470 Mercury	-	Method: EPA 7				PA 7470A			
Mercury	ND	mg/L	0.00020	0.00013	1	10/17/22 16:05	10/18/22 10:41	7439-97-6	
2540C Total Dissolved Solids	•	Method: SM 25			SA.				
Total Dissolved Solids	260	mg/L	25.0	25.0	1		10/14/22 16:06		



QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Date: 10/20/2022 05:37 PM

QC Batch: 730765 Analysis Method: EPA 7470A

QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92630865003, 92630865004, 92630865005, 92630865006

METHOD BLANK: 3804947 Matrix: Water

Associated Lab Samples: 92630865003, 92630865004, 92630865005, 92630865006

Blank Reporting
Parameter Units Result Limit MDL

 Parameter
 Units
 Result
 Limit
 MDL
 Analyzed
 Qualifiers

 Mercury
 mg/L
 ND
 0.00020
 0.00013
 10/18/22 09:22

LABORATORY CONTROL SAMPLE: 3804948

Spike LCS LCS % Rec Conc. Result % Rec Limits Qualifiers Parameter Units Mercury mg/L 0.0025 0.0022 86 80-120

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3804949 3804950

MS MSD

92630865003 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Conc. Result Result % Rec % Rec **RPD** RPD Qual Result Limits ND 0.0025 20 Mercury mg/L 0.0025 0.0021 0.0021 82 79 75-125

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.



QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

QC Batch: 730309 Analysis Method: SM 2540C-2015

QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92630865001, 92630865002, 92630865003, 92630865004, 92630865005, 92630865006

METHOD BLANK: 3802695 Matrix: Water

Associated Lab Samples: 92630865001, 92630865002, 92630865003, 92630865004, 92630865005, 92630865006

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Total Dissolved Solids mg/L ND 25.0 25.0 10/14/22 16:02

LABORATORY CONTROL SAMPLE: 3802696

Spike LCS LCS % Rec Conc. % Rec Limits Qualifiers Parameter Units Result **Total Dissolved Solids** 381 95 80-120 mg/L

SAMPLE DUPLICATE: 3802698

92630709001 Dup Max Parameter Units Result Result **RPD RPD** Qualifiers 46.0 **Total Dissolved Solids** mg/L 44.0 4 10

SAMPLE DUPLICATE: 3802794

Date: 10/20/2022 05:37 PM

92630583001 Dup Max RPD RPD Parameter Units Result Result Qualifiers Total Dissolved Solids 884 mg/L 876 1 10

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



QUALIFIERS

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

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.

Date: 10/20/2022 05:37 PM



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92630865

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
92630865001	PZ-2D				
92630865002	PZ-32				
92630865003	PZ-25				
92630865003	PZ-25	EPA 7470A	730765	EPA 7470A	730893
92630865004	EB-01	EPA 7470A	730765	EPA 7470A	730893
92630865005	FB-1	EPA 7470A	730765	EPA 7470A	730893
92630865006	FD-01	EPA 7470A	730765	EPA 7470A	730893
92630865001	PZ-2D	SM 2540C-2015	730309		
92630865002	PZ-32	SM 2540C-2015	730309		
92630865003	PZ-25	SM 2540C-2015	730309		
92630865004	EB-01	SM 2540C-2015	730309		
92630865005	FB-1	SM 2540C-2015	730309		
92630865006	FD-01	SM 2540C-2015	730309		

Pace	DC#_Title: ENV-FRM-	HUN1-0083	v01_S	ample (Cond	lition Upon Receipt
MATTER STREET	Effective Date: 05/12/2022			11011		
sheville Sample Cond Upon Receip ourier: Commercial		_		Raleigi	Proje	Mechanicsville Atlanta Kernersville Ct#: WO#: 92630865
stody Seal Pre	esent? Yes No So	eals Intact? Bubble Bags	☐Yes	 	ther	92630865 Date/Initials Person Examining Contents: 10/12/22 Biological Tissue Erozen? Two
☐ IR Gu oler Temp:	8.6 Correction Fa	(°C) 0.0	_	Wet □E	Blue	□None Temp should be above freezing to 6°C ☑Samples out of temp criteria. Samples on ice, cooling process
Did samples or	Soil (N/A, water sample) riginate in a quarantine zone within	. 6	: CA, NY,	or SC		has begun Did samples originate from a foreign source (internationally,
DA Regulated Did samples or	Soil (N/A, water sample)		: CA, NY,	or SC	I	has begun
DA Regulated Did samples or (check maps)?	Soil (N/A, water sample) riginate in a quarantine zone within		: CA, NY,	or SC	1.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
DA Regulated Did samples or (check maps)? Chain of Cust	Soil (N/A, water sample) riginate in a quarantine zone within Yes No	the United States			1.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present?	he United States	□No	□n/a	-	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present?	he United States	□No □No	□N/A □N/A	2.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present? ved within Hold Time? ime Analysis (<72 hr.)? round Time Requested?	he United States Ves Yes Yes	□No □No □No	□N/A □N/A □N/A	2. 3. 4.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri Short Hold T Rush Turn Ar Sufficient Vol Correct Conta	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present? ved within Hold Time? ime Analysis (<72 hr.)? round Time Requested?	he United States	□No □No □No □No □No	□N/A □N/A □N/A □N/A □N/A □N/A	2.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri Short Hold T Rush Turn Ar Sufficient Vol Correct Conta	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present? ved within Hold Time? ime Analysis (<72 hr.)? round Time Requested? lume? ainers Used? tainers Used?	he United States Ves Yes Yes Yes	□No □No □No □No	□N/A □N/A □N/A □N/A □N/A	2. 3. 4. 5.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy:
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri Short Hold Ti Rush Turn Ar Sufficient Vol Correct Conta	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present? ved within Hold Time? ime Analysis (<72 hr.)? round Time Requested? lume? ainers Used? tainers Used?	Dyes □ Yes □ Yes □ Yes □ Yes □ Yes □ Yes □ Yes □ Yes		□N/A □N/A □N/A □N/A □N/A □N/A □N/A □N/A	2. 3. 4. 5. 6.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy: CLIENT PROVIDED
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri Short Hold Ti Rush Turn Ar Sufficient Vol Correct Conta -Pace Cont Containers In Dissolved and Sample Label	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present? ved within Hold Time? ime Analysis (<72 hr.)? round Time Requested? lume? ainers Used? tainers Used?	he United States Yes Yes Yes Yes Yes	No No No	□N/A □N/A □N/A □N/A □N/A □N/A □N/A	2. 3. 4. 5. 6.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri Short Hold T Rush Turn Ar Sufficient Vol Correct Containers In Dissolved and Sample Label Includes C	Soil (N/A, water sample) riginate in a quarantine zone within Yes No tody Present? ved within Hold Time? ime Analysis (<72 hr.)? round Time Requested? lume? ainers Used? tainers Used? stact? alysis: Samples Field Filtered? is Match COC?	he United States Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes		N/A	2. 3. 4. 5. 6. 7. 8. 9.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy: CLIENT PROVIDED
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri Short Hold T Rush Turn Ar Sufficient Vol Correct Containers In Dissolved and Sample Label Includes C	Soil (he United States Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes	No No No No No No No No	N/A	2. 3. 4. 5. 6. 7. 8. 9.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy: CLIENT PROVIDED
DA Regulated Did samples or (check maps)? Chain of Cust Samples Arri Short Hold T Rush Turn Ar Sufficient Vol Correct Containers In Dissolved and Sample Label Includes C Headspace in Trip Blank Pre	Soil (he United States Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes		N/A	2. 3. 4. 5. 6. 7. 8. 9.	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy: CLIENT PROVIDED

Project Manager SCURF Review: Date:

Project Manager SRF Review: Date:

_____ Date/Time:

Person contacted:

CLIENT NOTIFICATION/RESOLUTION

Lot ID of split containers:



DC#_Title: ENV-FRM-HUN1-0083 v01_Sample Condition Upon Receipt

Effective Date: 05/12/2022

*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

Project #

WO#: 92630865

PM: NMG

Due Date: 10/26/22

CLIENT: GA-GA Power

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

***Check all unpreserved Nitrates for chlorine

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	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-)	RDSW.250 m clastic HNO3 (thH < 2)	To the second se	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H- 1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2504 (pH < 2)	DG94-250 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	DG95-40 mL VOA H2SO4 (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SP5T-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)		BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	_ AGOU-100 mL Amber Unpreserved (N/A) {CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1		1		1	1		1	1			1		1	1	1									1	1			
2	1		1		1	1	1		1			1		1	1	1									1	1			
3	1		1		1	1	1	1	1			1		1	1	1									1	1			
4	1		1		1	1	V	J	1			1		1	1	1									1	Z,			
5	1		T		1	1	V		1			/		1	1	1									Z	₹	*		
6	/		1	-	1	1	1	1	1			1		1	1	/						7			1	Ţ			
7	1				1	1	1					1	-	1	/	1									1	1			
8	1				1	1	1	1	1			1	-	1	1	1									1	1			
9	1			-	1	1	1	1	1			1		1	1	1									1	1			
10	1			-	1	1	1	1	1			1	-	1	-	1									1	1			
11	1				1	1	1	1	1			1		1	1	1									1	1			
12	1				1	1	1	1	1			1		1	1	1									1	1			

		pH Ac	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot#
	la la la la la la la la la la la la la l					

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

Pace Analytical www.paceass.com

CHAIN-UF-CUS I ODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

							The same		- Trailing							- Pace			
mpany: GA Power	Report To. SCS Contacts	S Cont	acts				Atte	Attention: Sou	Southern Co	20 00							-	5	-
dress: Atlanta, GA	Copy To Wo	ood Cor	Wood Contacts Rhonda Quinn	onda Ot	in		3	Company Name:		WSP 11SA formerly Mondy	(former	Myon							
							₽¥	Address	1075 B	1075 Bin Shanty Boad Kongon	A Post	Son A		REGULA	œΙ	ENCY			
184 To: SCS Contacts	Purchase Order No.	No.					P S	Ouote		5 6	ייז ואס	I Neillik	Saw, G	NPDES	ES	GROUND WATER	WATER	T ORI	DRINKING WATER
one: Fax:	Project Name: Mitchell AP-A, AP-1, AP-2	Mitch	ell AP-A.	AP-1 A	5.2		Page Refe	Reference: Pace Project		Missis DiOlog				L UST	L	RCRA		✓ OTHER	ER CCR
quested Due Date/TAT: 7 Day	Princed Member 181		00000				Man	ager		o Oleo				Site Location	none	į			100 100
ŀ		DODAA	DE JONE	0912216	2		8	Profile #:	10834					ST	STATE:	8			
	t	t					ł	-				Req	uested /	Requested Analysis Filtered (Y/N)	lltered ()	(N/			16.16.1
Required Client Information	5000 ₂₀	(9MO		COLLECT	CTED				Preservatives	atives	Î N /A								
DIMP	WATER WT WASTER WW PRODUCT P P P P P P P P P P P P P P P P P P P	=GRAB C=C	CCMPOSITE START	START	COMPOSITE	29	_				1						(N/A)		
OUE	£ 2 2 2		3740	į			OF CONTAINER	SO,	CI NO ³	a ₂ S ₂ O ₃ lonedla	her Analysis Test						sidual Chlorine (
1 82-20	WG	8	+	$\overline{}$	15 W. 22	17.15 C	4	٦ -	H	N	o	ο 1 >	-	+	1			ace Proje	Pace Project No./ Lab I.D.
2 P2-32	SMA		F	1	10.11.37	13.6	-	=	1	-	I	र	\pm	+			子井二	7.94	
-	MG		T		10-11-27	1500	-	+	-	+	T	4	-		1		PH	1=7,37	
4 EB-01	Wa				-	820	1 0	-	-		T	\ \ <\>	Ŧ	+	1	-	PHI	=7,13	
. 1	MA	18		_	-22	1800	2	=	-	1	Ι	Φ× Φ×	Ŧ	+	#	1	+		
FD-001	570	9		*	1		2	-	-	+	Г		Ŧ	+	ŧ		+		
							+	E		-	Г	1	Ŧ	-		-	+		
		1	1				Н					H	F		Ė			ľ	
			H	\parallel			+					\blacksquare	\blacksquare						
			\dagger	1			+	1	+		Т	Ŧ	1	+			Н		
ADDITIONAL COMMENTS	RELI	NOUISH	RELINGUISHED BY / AFFILIATION	FILIATION		DATE	-	TIME	1	ACCEP	TED BY	ACCEPTED BY / AFFILIATION	NOT	DATE	+	TIME	┥゜	SAMOI E COMPANIONS	on Other
12 (30)		V	N			22-21-01	1,8	500	2	3	0	1	1	1/0/13/25	14	15	-	_	
7-DAY TAT PLEASE							-										++	\vdash	\coprod
	-		8	SAMPLER NA	MAME AN	ME AND SIGNATURE	- RE						П	Ц	H	H	Н	P	
age 1				g.	PRINT Name	Name of SAMPLER:	M	VER	Guit	15%	1				ĺ	5. u	no bev	Seale (N/Y)	s jujsc
				ZIZ	PAINTAIN	SIGNATURE of SAMPLE		1	1	1		SATE	DATE Claned			dus	ń9:	φ.	i ek

W. II IB		Purge Volume	Time Elapsed	DTW	Drawdown	Temperature	рН	Specific Conductance	Turbidity	Dissolved Oxygen	ORP
Well ID	Sample Date	(liter)	(secs)	(feet, TOC)	(feet)	(C)	(su)	(uS/cm)	(NTU)	(mg/L)	(mV)
PZ-1D	2/14/2023	8.0	2400	47.33	1.11	20.22	7.43	316.16	2.69	1.58	-108.4
PZ-2D	2/14/2023	6.0	1800	28.38	0.1	18.79	7.97	160.93	2.30	2.57	157.3
PZ-7D	2/15/2023	6.0	1800	26.15	0.1	21.19	6.92	558.89	1.28	1.37	83.8
PZ-14	2/14/2023	4.5	1337	38.13	0	21.30	7.04	559.40	1.62	5.74	72.1
PZ-15	2/15/2023	6.0	1800	24.47	0.19	22.87	7.09	496.56	2.25	0.16	-135.8
PZ-16	2/15/2023	8.0	2400	27.82	0	20.91	7.10	459.08	0.81	1.37	61.8
PZ-17	2/16/2023	7.0	2100	26.93	0.26	21.14	7.14	456.87	0.96	0.14	-27.9
PZ-18	2/15/2023	6.0	1800	23.51	0	22.26	6.73	730.76	1.04	0.81	20.0
PZ-19	2/15/2023	6.0	1800	25.18	0.03	22.01	6.66	802.93	0.27	0.21	67.2
PZ-23A	2/14/2023	17.0	5100	47.22	0.45	21.26	6.75	673.98	4.86	2.03	152.5
PZ-25	2/15/2023	6.0	1800	23.46	0.1	22.09	7.02	453.86	1.19	0.32	-78.4
PZ-31	2/14/2023	7.0	2100	34.62	0	19.76	7.09	508.04	1.27	4.85	66.0
PZ-32	2/14/2023	5.0	1500	30.04	0	19.36	7.36	323.28	0.22	0.94	155.8
PZ-33	2/16/2023	7.0	2100	43.86	0.35	21.99	7.13	454.41	1.28	0.15	42.4
PZ-57	2/16/2023	6.0	1800	23.59	0.37	21.73	7.06	551.68	2.36	0.30	45.0





March 28, 2023

Michelle Barker WOOD E&I 1075 Big Shanty Rd Suite 100 Kennesaw, GA 30144

RE: Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Dear Michelle Barker:

Enclosed are the analytical results for sample(s) received by the laboratory between February 16, 2023 and February 17, 2023. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

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

- Pace Analytical Services Asheville
- Pace Analytical Services Charlotte
- Pace Analytical Services Peachtree Corners, GA

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

Sincerely,

Bonnie Vang bonnie.vang@pacelabs.com (704)875-9092 Project Manager

Bonnie Vary

Enclosures

cc: Joju Abraham, Georgia Power-CCR Noelia Gangi, Georgia Power Ben Hodges, Georgia Power-CCR Kristen Jurinko Laura Midkiff, Georgia Power Rhonda Quinn, WSP Michael Smilley, Georgia Power Tina Sullivan, ERM Greg Wrenn, WOOD E&I





CERTIFICATIONS

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Pace Analytical Services Charlotte

South Carolina Laboratory ID: 99006 South Carolina Certification #: 99006001

9800 Kincey Ave. Ste 100, Huntersville, NC 28078 South Carolina Drinking Water Cert. #: 99006003

North Carolina Drinking Water Certification #: 37706 Florida/NELAP Certification #: E87627 North Carolina Field Services Certification #: 5342 Kentucky UST Certification #: 84 North Carolina Wastewater Certification #: 12 Louisiana DoH Drinking Water #: LA029 Virginia/VELAP Certification #: 460221

South Carolina Laboratory ID: 99006

Pace Analytical Services Asheville

2225 Riverside Drive, Asheville, NC 28804 South Carolina Laboratory ID: 99030 Florida/NELAP Certification #: E87648 South Carolina Certification #: 99030001

North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40

Pace Analytical Services Peachtree Corners

110 Technology Pkwy, Peachtree Corners, GA 30092

Florida DOH Certification #: E87315 Georgia DW Inorganics Certification #: 812 North Carolina Certification #: 381 South Carolina Certification #: 98011001

Virginia/VELAP Certification #: 460222



SAMPLE SUMMARY

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92652734001	MIT-PZ-7D	Water	02/15/23 14:42	02/16/23 12:08
92652734002	MIT-PZ-16	Water	02/15/23 10:40	02/16/23 12:08
92652734003	MIT-PZ-15	Water	02/15/23 14:00	02/16/23 12:08
92652734004	MIT-PZ-18	Water	02/15/23 15:35	02/16/23 12:08
92652734005	MIT-APA12-FB-01	Water	02/14/23 10:45	02/16/23 12:08
92652734006	MIT-PZ-2D	Water	02/14/23 12:20	02/16/23 12:08
92652734007	MIT-PZ-32	Water	02/14/23 14:22	02/16/23 12:08
92652734008	MIT-PZ-23A	Water	02/14/23 17:04	02/16/23 12:08
92652734009	MIT-PZ-25	Water	02/15/23 10:40	02/16/23 12:08
92652734010	MIT-APA12-FD-02	Water	02/15/23 00:00	02/16/23 12:08
92652734011	MIT-PZ-19	Water	02/15/23 12:45	02/16/23 12:08
92652734012	MIT-APA12-FD-01	Water	02/15/23 00:00	02/16/23 12:08
92652734013	MIT-PZ-1D	Water	02/14/23 11:45	02/16/23 12:08
92652734014	MIT-PZ-31	Water	02/14/23 14:05	02/16/23 12:08
92652734015	MIT-PZ-14	Water	02/14/23 15:40	02/16/23 12:08
92652734016	MIT-APA12-EB-01	Water	02/15/23 08:40	02/16/23 12:08
92652734017	MIT-APA12-EB-02	Water	02/16/23 08:50	02/17/23 11:04
92652734018	MIT-APA12-FB-02	Water	02/16/23 09:45	02/17/23 11:04
92652734019	MIT-PZ-57	Water	02/16/23 11:08	02/17/23 11:04
92652734020	MIT-PZ-17	Water	02/16/23 10:40	02/17/23 11:04
92652734021	MIT-PZ-33	Water	02/16/23 13:45	02/17/23 11:04



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

92652734001 MIT-PZ-7D	Lab ID	Sample ID	Method	Analysts	Analytes Reported
Part Part	92652734001	MIT-PZ-7D	EPA 6010D	 MS	1
SM 2540C-2015 DL1 1 1 1 1 1 1 1 1 1			EPA 6020B	CW1	13
92652734002 MIT-PZ-16 EPA 500.0 Rev 2.1 1993 CDC 3 92652734002 MIT-PZ-16 EPA 6002B CW1 13 EPA 6002B CW1 13 EPA 7470A VB 11 EPA 300.0 Rev 2.1 1993 CDC 3 92652734003 MIT-PZ-15 EPA 6002B CW1 13 EPA 300.0 Rev 2.1 1993 CDC 3 PAR 540C-2015 DL1 1 EPA 7470A VB 1 EPA 6002B CW1 13 EPA 300.0 Rev 2.1 1993 CDC 3 92652734004 MIT-PZ-18 EPA 6010D MS 1 EPA 300.0 Rev 2.1 1993 CDC 3 PAR 540C-2015 DL1 1 EPA 6002B CW1 13 EPA 6002B CW1 11 EPA 540C-2015 DL1 1 EPA 540C-2015 DL1 1 EPA 540C-2015 DL1 1 EPA 540C-2015 DL1 1 EPA 540C-2015 DL1 1 EPA 6002B CW1 13 EPA 6002			EPA 7470A	VB	1
92652734002 MIT-PZ-16 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734003 MIT-PZ-15 EPA 6010D MS 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734004 MIT-PZ-18 EPA 6010D MS 1 EPA 300.0 Rev 2.1 1993 CDC 3 1 EPA 300.0 Rev 2.1 1993 CDC 3 1 EPA 500.0 Rev 2.1 1993 CDC 3 1 EPA 500.0 Rev 2.1 1993 CDC 3 1 EPA 6010D MS 1 1 1 EPA 500.0 Rev 2.1 1993 CDC 3 2 PS 252734006 MIT-PZ-2D EPA 6010D MS			SM 2540C-2015	DL1	1
PAR 6020B CW1 13 14 14 15 14 15 15 15 15			EPA 300.0 Rev 2.1 1993	CDC	3
PATH PATH	92652734002	MIT-PZ-16	EPA 6010D	MS	1
SM 2540C-2015 DL1 1 1 1 1 1 1 1 1 1			EPA 6020B	CW1	13
92652734003 MIT-PZ-15			EPA 7470A	VB	1
92652734003 MIT-PZ-15 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734004 MIT-PZ-18 EPA 6020B CW1 13 EPA 6020B CW1 13 CW1 13 EPA 7470A VB 1 1 SM 2540C-2015 DL1 1 1 EPA 7470A VB 1 1 SM 2540C-2015 DL1 1 1 EPA 6010D MS 1 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 13 1 EPA 6020B CW1 1			SM 2540C-2015	DL1	1
PAR PAR			EPA 300.0 Rev 2.1 1993	CDC	3
PAPA 7470A VB 1 1 1 1 1 1 1 1 1	92652734003	MIT-PZ-15	EPA 6010D	MS	1
SM 2540C-2015 DL1 1 1 1 1 1 1 1 1 1			EPA 6020B	CW1	13
92652734004 MIT-PZ-18 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734005 MIT-APA12-FB-01 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 MS 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B <t< td=""><td></td><td></td><td>EPA 7470A</td><td>VB</td><td>1</td></t<>			EPA 7470A	VB	1
92652734004 MIT-PZ-18 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734005 MIT-APA12-FB-01 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 6020B CW1 13 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13			SM 2540C-2015	DL1	1
BPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 SPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 300.0 Rev 2.1 1993 CDC 3 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 7470A VB 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A			EPA 300.0 Rev 2.1 1993	CDC	3
BEPA 7470A	92652734004	MIT-PZ-18	EPA 6010D	MS	1
SM 2540C-2015 DL1 1 1 1 1 1 1 1 1 1			EPA 6020B	CW1	13
92652734005 MIT-APA12-FB-01 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734005 MIT-APA12-FB-01 EPA 6010D MS 1 PAPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 7470A VB 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 6020B CW1 13 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734007 MIT-PZ-32 EPA 6020B CW1 13 EPA 7470A VB 1			EPA 7470A	VB	1
92652734005 MIT-APA12-FB-01 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 300.0 Rev 2.1 1993 CDC 3			SM 2540C-2015	DL1	1
EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 7470A VB 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734008 MIT-PZ-23A EPA 6010D MS 1			EPA 300.0 Rev 2.1 1993	CDC	3
EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 7470A VB 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3	92652734005	MIT-APA12-FB-01	EPA 6010D	MS	1
SM 2540C-2015 DL1 1			EPA 6020B	CW1	13
P2652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 6020B CW0 3 P2652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 300.0 Rev 2.1 1993 CDC 3			EPA 7470A	VB	1
92652734006 MIT-PZ-2D EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 P2652734008 MIT-PZ-23A EPA 6010D MS 1			SM 2540C-2015	DL1	1
## EPA 6020B CW1 13 ## EPA 7470A VB 1 ## SM 2540C-2015 DL1 1 ## EPA 300.0 Rev 2.1 1993 CDC 3 ## EPA 6010D MS 1 ## EPA 6020B ## EPA 6020B ## CW1 13 ## EPA 6020B ## CW1 13 ## EPA 6020B ## CW1 13 ## EPA 6020B ## CW1 13 ## EPA 7470A ## VB 1 ## SM 2540C-2015 DL1 1 ## EPA 300.0 Rev 2.1 1993 CDC 3 ## EPA 300.0 Rev 2.1 1993 CDC 3 ## EPA 6010D MS 1			EPA 300.0 Rev 2.1 1993	CDC	3
P2652734008 MIT-PZ-23A EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 7470A VB 1 EPA 6010D MS 1 EPA 6010D MS 1	92652734006	MIT-PZ-2D	EPA 6010D	MS	1
SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734008 MIT-PZ-23A EPA 6010D MS 1			EPA 6020B	CW1	13
BEPA 300.0 Rev 2.1 1993 CDC 3 92652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734008 MIT-PZ-23A EPA 6010D MS 1			EPA 7470A	VB	1
92652734007 MIT-PZ-32 EPA 6010D MS 1 EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734008 MIT-PZ-23A EPA 6010D MS 1			SM 2540C-2015	DL1	1
EPA 6020B CW1 13 EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734008 MIT-PZ-23A EPA 6010D MS 1			EPA 300.0 Rev 2.1 1993	CDC	3
EPA 7470A VB 1 SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734008 MIT-PZ-23A EPA 6010D MS 1	92652734007	MIT-PZ-32	EPA 6010D	MS	1
SM 2540C-2015 DL1 1 EPA 300.0 Rev 2.1 1993 CDC 3 92652734008 MIT-PZ-23A EPA 6010D MS 1			EPA 6020B	CW1	13
EPA 300.0 Rev 2.1 1993 CDC 3 92652734008 MIT-PZ-23A EPA 6010D MS 1			EPA 7470A	VB	1
92652734008 MIT-PZ-23A EPA 6010D MS 1			SM 2540C-2015	DL1	1
			EPA 300.0 Rev 2.1 1993	CDC	3
EPA 6020B CW1 13	92652734008	MIT-PZ-23A	EPA 6010D	MS	1
			EPA 6020B	CW1	13

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Lab ID	Sample ID	Method	Analysts	Analytes Reported
		EPA 7470A	 VB	1
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92652734009	MIT-PZ-25	EPA 6010D	MS	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92652734010	MIT-APA12-FD-02	EPA 6010D	MS	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92652734011	MIT-PZ-19	EPA 6010D	MS	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92652734012	MIT-APA12-FD-01	EPA 6010D	MS	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92652734013	MIT-PZ-1D	EPA 6010D	MS	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92652734014	MIT-PZ-31	EPA 6010D	MS	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1
		SM 2540C-2015	DL1	1
		EPA 300.0 Rev 2.1 1993	CDC	3
92652734015	MIT-PZ-14	EPA 6010D	MS	1
		EPA 6020B	CW1	13
		EPA 7470A	VB	1

REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, LLC.



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Lab ID	Sample ID	Method	Analysts	Analytes Reported	
		EPA 300.0 Rev 2.1 1993	CDC	3	
92652734016	MIT-APA12-EB-01	EPA 6010D	MS	1	
		EPA 6020B	CW1	13	
		EPA 7470A	VB	1	
		SM 2540C-2015	DL1	1	
		EPA 300.0 Rev 2.1 1993	CDC	3	
92652734017	MIT-APA12-EB-02	EPA 6010D	MS	1	
		EPA 6020B	CW1	13	
		EPA 7470A	VB	1	
		SM 2540C-2015	DL1	1	
		EPA 300.0 Rev 2.1 1993	CDC	3	
92652734018	MIT-APA12-FB-02	EPA 6010D	MS	1	
		EPA 6020B	CW1	13	
		EPA 7470A	VB	1	
		SM 2540C-2015	DL1	1	
		EPA 300.0 Rev 2.1 1993	CDC	3	
92652734019	MIT-PZ-57	EPA 6010D	MS	1	
		EPA 6020B	CW1	13	
		EPA 7470A	VB	1	
		SM 2540C-2015	DL1	1	
		EPA 300.0 Rev 2.1 1993	CDC	3	
92652734020	MIT-PZ-17	EPA 6010D	MS	1	
		EPA 6020B	CW1	13	
		EPA 7470A	VB	1	
		SM 2540C-2015	DL1	1	
		EPA 300.0 Rev 2.1 1993	CDC	3	
92652734021	MIT-PZ-33	EPA 6010D	MS	1	
		EPA 6020B	CW1	13	
		EPA 7470A	VB	1	
		SM 2540C-2015	DL1	1	
		EPA 300.0 Rev 2.1 1993	CDC	3	

PASI-A = Pace Analytical Services - Asheville

PASI-C = Pace Analytical Services - Charlotte

PASI-GA = Pace Analytical Services - Peachtree Corners, GA



SUMMARY OF DETECTION

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Lab Sample ID	Client Sample ID							
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers		
2652734001	MIT-PZ-7D							
	Performed by	Client			03/08/23 14:47			
	Collected By	Daniel			03/08/23 14:47			
		Howard						
	Collected Date	02/15/23			03/08/23 14:47			
	Collected Time	14:42			03/08/23 14:47			
	pH	6.92	Std. Units		03/08/23 14:47			
PA 6010D	Calcium	114	mg/L	1.0	03/01/23 19:43			
PA 6020B	Barium	0.0060	mg/L	0.0050	03/02/23 17:45			
EPA 6020B	Boron	0.21	mg/L	0.040	03/02/23 17:45			
EPA 6020B	Chromium	0.0034J	mg/L	0.0050	03/02/23 17:45			
EPA 6020B	Lithium	0.0037J	mg/L	0.030	03/02/23 17:45			
EPA 6020B	Selenium	0.0017J	mg/L	0.0050	03/02/23 17:45	D 0		
SM 2540C-2015	Total Dissolved Solids	335	mg/L	25.0	02/19/23 13:23	D6		
EPA 300.0 Rev 2.1 1993	Chloride	4.3	mg/L	1.0	02/21/23 03:18			
EPA 300.0 Rev 2.1 1993	Fluoride	0.050J	mg/L	0.10	02/21/23 03:18			
EPA 300.0 Rev 2.1 1993	Sulfate	49.9	mg/L	1.0	02/21/23 03:18			
2652734002	MIT-PZ-16							
	Performed by	Client			03/08/23 14:48			
	Collected By	Daniel Howard			03/08/23 14:48			
	Collected Date	02/15/23			03/08/23 14:48			
	Collected Time	10:40			03/08/23 14:48			
	pH	7.10	Std. Units		03/08/23 14:48			
PA 6010D	Calcium	88.5	mg/L	1.0	03/01/23 19:47			
PA 6020B	Barium	0.033	mg/L	0.0050	03/02/23 17:51			
PA 6020B	Boron	0.19	mg/L	0.040	03/02/23 17:51			
SM 2540C-2015	Total Dissolved Solids	334	mg/L	25.0	02/19/23 13:24			
PA 300.0 Rev 2.1 1993	Chloride	6.2	mg/L	1.0	02/21/23 03:33			
PA 300.0 Rev 2.1 1993	Fluoride	0.053J	mg/L	0.10	02/21/23 03:33			
PA 300.0 Rev 2.1 1993	Sulfate	38.1	mg/L	1.0	02/21/23 03:33			
2652734003	MIT-PZ-15							
	Performed by	Client			03/08/23 14:49			
	Collected By	Daniel			03/08/23 14:49			
	Callasted Data	Howard			02/00/22 44.40			
	Collected Date	02/15/23			03/08/23 14:49			
	Collected Time pH	14:00 7.09	Std. Units		03/08/23 14:49 03/08/23 14:49			
PA 6010D	рп Calcium	7.09 98.1		1.0	03/08/23 14:49			
PA 6020B		0.048	mg/L		03/01/23 19:52			
	Barium		mg/L	0.0050 0.040				
PA 6020B PA 6020B	Boron Lithium	0.21 0.0010J	mg/L		03/02/23 17:57			
			mg/L	0.030	03/02/23 17:57			
M 2540C-2015	Total Dissolved Solids	329	mg/L	25.0	02/19/23 13:24			
PA 300.0 Rev 2.1 1993	Chloride	6.2	mg/L	1.0	02/21/23 03:48			
PA 300.0 Rev 2.1 1993	Fluoride	0.064J	mg/L	0.10	02/21/23 03:48	Ma		
PA 300.0 Rev 2.1 1993	Sulfate	75.7	mg/L	1.0	02/21/23 03:48	M1		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	- Analyzed	Qualifiers
92652734004	MIT-PZ-18					
	Performed by	Client			03/08/23 14:50	
	Collected By	Daniel			03/08/23 14:50	
	0.11.1.15.1	Howard				
	Collected Date	02/15/23			03/08/23 14:50	
	Collected Time	15:35	0.1.11.1.		03/08/23 14:50	
	pH	6.73	Std. Units		03/08/23 14:50	
EPA 6010D	Calcium	164	mg/L	1.0	03/01/23 19:57	M1
EPA 6020B	Barium	0.026	mg/L	0.0050	03/02/23 18:03	
EPA 6020B	Boron	0.35	mg/L	0.040	03/02/23 18:03	
EPA 6020B	Lithium	0.0027J	mg/L	0.030	03/02/23 18:03	
SM 2540C-2015	Total Dissolved Solids	477	mg/L	25.0	02/19/23 13:24	
EPA 300.0 Rev 2.1 1993	Chloride	4.5	mg/L	1.0	02/21/23 05:02	
EPA 300.0 Rev 2.1 1993	Sulfate	96.6	mg/L	1.0	02/21/23 05:02	
92652734006	MIT-PZ-2D					
	Performed by	Client			03/08/23 14:52	
	Collected By	Daniel			03/08/23 14:52	
	•	Howard				
	Collected Date	02/14/23			03/08/23 14:52	
	Collected Time	12:20			03/08/23 14:52	
	рH	7.97	Std. Units		03/08/23 14:52	
EPA 6010D	Calcium	30.2	mg/L	1.0	03/01/23 20:31	
EPA 6020B	Antimony	0.0015J	mg/L	0.0030	03/02/23 18:45	
EPA 6020B	Barium	0.0055	mg/L	0.0050	03/02/23 18:45	
EPA 6020B	Boron	0.010J	mg/L	0.040	03/02/23 18:45	
EPA 6020B	Chromium	0.0041J	mg/L	0.0050	03/02/23 18:45	
EPA 6020B	Lithium	0.0010J	mg/L	0.030	03/02/23 18:45	
SM 2540C-2015	Total Dissolved Solids	140	mg/L	25.0	02/17/23 14:12	
EPA 300.0 Rev 2.1 1993	Chloride	2.6	mg/L	1.0	02/21/23 05:32	
EPA 300.0 Rev 2.1 1993	Fluoride	0.076J	mg/L	0.10	02/21/23 05:32	
EPA 300.0 Rev 2.1 1993	Sulfate	2.6	mg/L	1.0		
92652734007	MIT-PZ-32		g/ =		02/2 1/20 00:02	
2032134001	Performed by	Client			03/08/23 14:54	
	Collected By	Daniel			03/08/23 14:54	
	Collected By	Howard			03/06/23 14.34	
	Collected Date	02/14/23			03/08/23 14:54	
	Collected Time	14:22			03/08/23 14:54	
	pH	7.36	Std. Units		03/08/23 14:54	
EPA 6010D	Calcium	69.3	mg/L	1.0	03/01/23 20:36	
EPA 6020B	Barium	0.014	mg/L	0.0050	03/02/23 18:51	
EPA 6020B	Boron	0.014 0.012J	mg/L	0.040	03/02/23 18:51	
SM 2540C-2015	Total Dissolved Solids	177	mg/L		02/17/23 14:13	
EPA 300.0 Rev 2.1 1993	Chloride	2.7	mg/L	1.0	02/11/23 14:13	
EPA 300.0 Rev 2.1 1993 EPA 300.0 Rev 2.1 1993	Sulfate	2.7	mg/L	1.0		
		2.0	mg/L	1.0	02/21/20 00:40	
92652734008	MIT-PZ-23A	OP - 1			02/02/22 44 55	
	Performed by Collected By	Client Daniel			03/08/23 14:55 03/08/23 14:55	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Lab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2652734008	MIT-PZ-23A					
	Collected Date	02/14/23			03/08/23 14:55	
	Collected Time	17:04			03/08/23 14:55	
	рН	6.75	Std. Units		03/08/23 14:55	
PA 6010D	Calcium	139	mg/L	1.0	03/01/23 20:40	
PA 6020B	Barium	0.033	mg/L	0.0050	03/02/23 18:57	
PA 6020B	Boron	0.13	mg/L	0.040	03/02/23 18:57	
PA 6020B	Chromium	0.0024J	mg/L	0.0050	03/02/23 18:57	
PA 6020B	Selenium	0.0015J	mg/L	0.0050	03/02/23 18:57	
M 2540C-2015	Total Dissolved Solids	414	mg/L	25.0	02/19/23 13:20	
PA 300.0 Rev 2.1 1993	Chloride	3.8	mg/L	1.0	02/21/23 06:01	
PA 300.0 Rev 2.1 1993	Fluoride	0.084J	mg/L	0.10	02/21/23 06:01	
PA 300.0 Rev 2.1 1993	Sulfate	35.1	mg/L	1.0	02/21/23 06:01	
2652734009	MIT-PZ-25					
	Performed by	Client			03/08/23 14:57	
	Collected By	Daniel			03/08/23 14:57	
	•	Howard				
	Collected Date	02/15/23			03/08/23 14:57	
	Collected Time	10:40			03/08/23 14:57	
	рН	7.02	Std. Units		03/08/23 14:57	
PA 6010D	Calcium	86.9	mg/L	1.0	03/01/23 20:45	
PA 6020B	Barium	0.10	mg/L	0.0050	03/02/23 19:03	
PA 6020B	Boron	0.17	mg/L	0.040	03/02/23 19:03	
PA 6020B	Cobalt	0.0012J	mg/L	0.0050	03/02/23 19:03	
PA 6020B	Lithium	0.0057J	mg/L	0.030	03/02/23 19:03	
PA 6020B	Thallium	0.00045J	mg/L	0.0010	03/02/23 19:03	
M 2540C-2015	Total Dissolved Solids	264	mg/L	25.0	02/19/23 13:25	
PA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	02/21/23 06:16	
PA 300.0 Rev 2.1 1993	Fluoride	0.16	mg/L	0.10	02/21/23 06:16	
PA 300.0 Rev 2.1 1993	Sulfate	37.1	mg/L	1.0	02/21/23 06:16	
2652734010	MIT-APA12-FD-02					
	Performed by	Client			03/08/23 14:58	
	Collected By	Daniel			03/08/23 14:58	
	·	Howard				
	Collected Date	02/15/23			03/08/23 14:58	
	Collected Time	00:00			03/08/23 14:58	
	рН	7.02	Std. Units		03/08/23 14:58	
PA 6010D	Calcium	84.1	mg/L	1.0	03/01/23 20:50	
PA 6020B	Barium	0.11	mg/L	0.0050	03/02/23 19:09	
PA 6020B	Boron	0.18	mg/L	0.040	03/02/23 19:09	
PA 6020B	Cobalt	0.0011J	mg/L	0.0050	03/02/23 19:09	
PA 6020B	Lithium	0.0059J	mg/L	0.030	03/02/23 19:09	
PA 6020B	Thallium	0.00046J	mg/L	0.0010	03/02/23 19:09	
M 2540C-2015	Total Dissolved Solids	274	mg/L	25.0	02/19/23 13:25	
PA 300.0 Rev 2.1 1993	Chloride	1.8	mg/L	1.0	02/21/23 06:31	
PA 300.0 Rev 2.1 1993	Fluoride	0.16	mg/L	0.10	02/21/23 06:31	
EPA 300.0 Rev 2.1 1993	Sulfate	37.0	mg/L		02/21/23 06:31	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

₋ab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2652734011	MIT-PZ-19					
	Performed by	Client			03/08/23 14:59	
	Collected By	Daniel			03/08/23 14:59	
	·	Howard				
	Collected Date	02/15/23			03/08/23 14:59	
	Collected Time	12:45			03/08/23 14:59	
	рН	6.66	Std. Units		03/08/23 14:59	
EPA 6010D	Calcium	144	mg/L	1.0	03/01/23 20:55	
EPA 6020B	Barium	0.051	mg/L	0.0050	03/02/23 19:14	
PA 6020B	Boron	0.54	mg/L	0.040	03/02/23 19:14	
PA 6020B	Lithium	0.011J	mg/L	0.030	03/02/23 19:14	
PA 6020B	Molybdenum	0.0016J	mg/L	0.010	03/02/23 19:14	
PA 6020B	Selenium	0.0036J	mg/L	0.0050	03/02/23 19:14	
PA 6020B	Thallium	0.00051J	mg/L	0.0010	03/02/23 19:14	
M 2540C-2015	Total Dissolved Solids	529	mg/L	25.0	02/19/23 13:26	
PA 300.0 Rev 2.1 1993	Chloride	4.1	mg/L	1.0	02/21/23 06:46	
PA 300.0 Rev 2.1 1993	Fluoride	0.086J	mg/L	0.10	02/21/23 06:46	
PA 300.0 Rev 2.1 1993	Sulfate	78.8	mg/L	1.0	02/21/23 06:46	
2652734012	MIT-APA12-FD-01					
	Performed by	Client			03/08/23 15:00	
	Collected By	Daniel			03/08/23 15:00	
	,	Howard				
	Collected Date	02/15/23			03/08/23 15:00	
	Collected Time	00:00			03/08/23 15:00	
	pН	6.66	Std. Units		03/08/23 15:00	
PA 6010D	Calcium	146	mg/L	1.0	03/01/23 21:00	
PA 6020B	Barium	0.048	mg/L	0.0050	03/02/23 19:20	
PA 6020B	Boron	0.53	mg/L	0.040	03/02/23 19:20	
PA 6020B	Lithium	0.011J	mg/L	0.030	03/02/23 19:20	
PA 6020B	Molybdenum	0.0015J	mg/L	0.010	03/02/23 19:20	
PA 6020B	Selenium	0.0034J	mg/L	0.0050	03/02/23 19:20	
PA 6020B	Thallium	0.00050J	mg/L	0.0010	03/02/23 19:20	
M 2540C-2015	Total Dissolved Solids	490	mg/L	25.0	02/19/23 13:26	
PA 300.0 Rev 2.1 1993	Chloride	4.2	mg/L	1.0	02/21/23 07:00	
PA 300.0 Rev 2.1 1993	Fluoride	0.086J	mg/L	0.10	02/21/23 07:00	
PA 300.0 Rev 2.1 1993	Sulfate	79.0	mg/L	1.0	02/21/23 07:00	
2652734013	MIT-PZ-1D		9. =			
	Performed by	Client			03/08/23 15:01	
	Collected By	Daniel			03/08/23 15:01	
	Collocted by	Howard			33/00/20 10:01	
	Collected Date	02/14/23			03/08/23 15:01	
	Collected Time	11:45			03/08/23 15:01	
	рН	7.43	Std. Units		03/08/23 15:01	
PA 6010D	Calcium	56.2	mg/L	1.0	03/01/23 21:05	
PA 6020B	Barium	0.020	mg/L	0.0050	03/02/23 19:26	
PA 6020B	Boron	0.011J	mg/L	0.040	03/02/23 19:26	
	201011		-			
PA 6020B	Chromium	0.0015J	mg/L	0.0050	03/02/23 19:26	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

∟ab Sample ID	Client Sample ID					
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2652734013	MIT-PZ-1D					
SM 2540C-2015	Total Dissolved Solids	200	mg/L	25.0	02/19/23 13:20	
EPA 300.0 Rev 2.1 1993	Chloride	3.0	mg/L	1.0	02/21/23 00:05	
PA 300.0 Rev 2.1 1993	Fluoride	0.063J	mg/L	0.10	02/21/23 00:05	
EPA 300.0 Rev 2.1 1993	Sulfate	1.6	mg/L	1.0	02/21/23 00:05	
2652734014	MIT-PZ-31					
	Performed by	Client			03/08/23 15:02	
	Collected By	Daniel			03/08/23 15:02	
	Callasted Data	Howard			02/09/22 45:02	
	Collected Date Collected Time	02/14/23			03/08/23 15:02	
		14:05	Std. Units		03/08/23 15:02	
DA 6040D	pH Calcium	7.09 99.9		1.0	03/08/23 15:02	
PA 6010D PA 6020B	Barium	0.0071	mg/L	1.0	03/01/23 21:10 03/02/23 19:32	
PA 6020B	Chromium	0.0071 0.0011J	mg/L	0.0050	03/02/23 19:32	
M 2540C-2015	Total Dissolved Solids	257	mg/L	0.0050 25.0	03/02/23 19.32 02/19/23 13:20	
PA 300.0 Rev 2.1 1993	Chloride	3.3	mg/L mg/L	1.0	02/19/23 13.20 02/21/23 01:07	
EPA 300.0 Rev 2.1 1993	Fluoride	0.059J	mg/L	0.10	02/21/23 01:07	
PA 300.0 Rev 2.1 1993	Sulfate	0.0393 0.89J	mg/L	1.0	02/21/23 01:07	
2652734015	MIT-PZ-14	0.093	mg/L	1.0	02/21/23 01.07	
.032734013		Client			02/00/02 45.02	
	Performed by	Daniel			03/08/23 15:03 03/08/23 15:03	
	Collected By	Howard			03/06/23 15:03	
	Collected Date	02/14/23			03/08/23 15:03	
	Collected Time	15:40			03/08/23 15:03	
	рН	7.04	Std. Units		03/08/23 15:03	
PA 6010D	Calcium	103	mg/L	1.0	03/01/23 21:15	
PA 6020B	Barium	0.014	mg/L	0.0050	03/02/23 19:38	
PA 6020B	Boron	0.023J	mg/L	0.040	03/02/23 19:38	
PA 6020B	Chromium	0.0018J	mg/L	0.0050	03/02/23 19:38	
M 2540C-2015	Total Dissolved Solids	300	mg/L	25.0	02/19/23 13:21	
PA 300.0 Rev 2.1 1993	Chloride	4.5	mg/L	1.0	02/21/23 01:23	
PA 300.0 Rev 2.1 1993	Sulfate	10.0	mg/L	1.0	02/21/23 01:23	
652734016	MIT-APA12-EB-01					
M 2540C-2015	Total Dissolved Solids	45.0	mg/L	25.0	02/19/23 13:26	
2652734018	MIT-APA12-FB-02					
SM 2540C-2015	Total Dissolved Solids	57.9	mg/L	25.0	02/20/23 12:44	
2652734019	MIT-PZ-57					
	Performed by	Client			03/08/23 15:05	
	Collected By	Daniel Howard			03/08/23 15:05	
	Collected Date	02/16/23			03/08/23 15:05	
	Collected Time	11:08			03/08/23 15:05	
	pH	7.06	Std. Units		03/08/23 15:05	
PA 6010D	Calcium	91.6	mg/L	1.0		

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Lab Sample ID	Client Sample ID	D "		5		0 ""
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
2652734019	MIT-PZ-57					
EPA 6020B	Boron	0.16	mg/L	0.040	03/02/23 20:14	
EPA 6020B	Cobalt	0.00051J	mg/L	0.0050	03/02/23 20:14	
EPA 6020B	Lithium	0.00082J	mg/L	0.030	03/02/23 20:14	
SM 2540C-2015	Total Dissolved Solids	421	mg/L	25.0	02/20/23 12:45	
EPA 300.0 Rev 2.1 1993	Chloride	2.2	mg/L	1.0	02/21/23 03:11	
EPA 300.0 Rev 2.1 1993	Fluoride	0.077J	mg/L	0.10	02/21/23 03:11	
EPA 300.0 Rev 2.1 1993	Sulfate	77.7	mg/L	1.0	02/21/23 03:11	
2652734020	MIT-PZ-17					
	Performed by	Client			03/08/23 15:07	
	Collected By	Daniel Howard			03/08/23 15:07	
	Collected Date	02/16/23			03/08/23 15:07	
	Collected Time	10:40			03/08/23 15:07	
	рН	7.14	Std. Units		03/08/23 15:07	
PA 6010D	Calcium	94.1	mg/L	1.0	03/01/23 21:48	
PA 6020B	Barium	0.059	mg/L	0.0050	03/02/23 20:20	
PA 6020B	Boron	0.15	mg/L	0.040	03/02/23 20:20	
PA 6020B	Lithium	0.0014J	mg/L	0.030	03/02/23 20:20	
PA 6020B	Thallium	0.00038J	mg/L	0.0010	03/02/23 20:20	
SM 2540C-2015	Total Dissolved Solids	299	mg/L	25.0	02/20/23 12:45	
PA 300.0 Rev 2.1 1993	Chloride	3.1	mg/L	1.0	02/21/23 03:26	
PA 300.0 Rev 2.1 1993	Fluoride	0.077J	mg/L	0.10	02/21/23 03:26	
PA 300.0 Rev 2.1 1993	Sulfate	54.2	mg/L	1.0	02/21/23 03:26	
2652734021	MIT-PZ-33					
	Performed by	Client			03/08/23 15:08	
	Collected By	Daniel Howard			03/08/23 15:08	
	Collected Date	02/16/23			03/08/23 15:08	
	Collected Time	13:45			03/08/23 15:08	
	рН	7.13	Std. Units		03/08/23 15:08	
PA 6010D	Calcium	92.2	mg/L	1.0	03/01/23 22:17	M1
PA 6020B	Barium	0.040	mg/L	0.0050	03/03/23 15:45	
PA 6020B	Boron	0.31	mg/L	0.040	03/03/23 15:45	
SM 2540C-2015	Total Dissolved Solids	293	mg/L	25.0	02/20/23 12:46	
PA 300.0 Rev 2.1 1993	Chloride	2.3	mg/L	1.0	02/21/23 03:42	
PA 300.0 Rev 2.1 1993	Fluoride	0.082J	mg/L	0.10	02/21/23 03:42	
PA 300.0 Rev 2.1 1993	Sulfate	36.0	mg/L	1.0	02/21/23 03:42	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-7D	Lab ID:	9265273400	1 Collecte	ed: 02/15/23	3 14:42	Received: 02/	/16/23 12:08 M	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Ana	lytical Service	s - Charlotte	;					
Performed by	Client				1		03/08/23 14:47		
Collected By	Daniel Howard				1		03/08/23 14:47		
Collected Date	02/15/23				1		03/08/23 14:47		
Collected Time	14:42				1		03/08/23 14:47		
рН	6.92	Std. Units			1		03/08/23 14:47		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Met	hod: Ef	PA 3010A			
	Pace Ana	lytical Service	s - Peachtre	e Corners, C	€A				
Calcium	114	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 19:43	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Service	s - Peachtre	e Corners, C	βA				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 17:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 17:45	7440-38-2	
Barium	0.0060	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 17:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 17:45	7440-41-7	
Boron	0.21	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 17:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 17:45	7440-43-9	
Chromium	0.0034J	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 17:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 17:45	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 17:45	7439-92-1	
Lithium	0.0037J	mg/L	0.030	0.00073	1		03/02/23 17:45		
Molybdenum	ND	mg/L	0.010	0.00074	1		03/02/23 17:45		
Selenium	0.0017J	mg/L	0.0050	0.0014	1		03/02/23 17:45		
Thallium	ND	mg/L	0.0010	0.00014	1		03/02/23 17:45		
7470 Mercury	Analytical	Method: EPA	7470A Prei	paration Met	hod: EF	PA 7470A			
•	•	lytical Service							
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 08:24	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM	2540C-2015						
	Pace Ana	lytical Service	s - Peachtre	e Corners, C	βA				
Total Dissolved Solids	335	mg/L	25.0	25.0	1		02/19/23 13:23		D6
300.0 IC Anions 28 Days	-	Method: EPA							
Ohlavida		•			4		00/04/00 00 40	40007.00.0	
Chloride	4.3	mg/L	1.0	0.60	1		02/21/23 03:18		
Fluoride	0.050J	mg/L	0.10	0.050	1		02/21/23 03:18		
Sulfate	49.9	mg/L	1.0	0.50	1		02/21/23 03:18	14808-79-8	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-16	Lab ID:	92652734002	Collecte	ed: 02/15/2	3 10:40	Received: 02/	16/23 12:08 M	latrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Analy	ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 14:48	3	
Collected By	Daniel Howard				1		03/08/23 14:48	3	
Collected Date	02/15/23				1		03/08/23 14:48	3	
Collected Time	10:40				1		03/08/23 14:48		
ьН	7.10	Std. Units			1		03/08/23 14:48		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Me	thod: EF	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, (GA				
Calcium	88.5	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 19:47	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	paration Me	thod: EF	PA 3005A			
	-	ytical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 17:51	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 17:51		
Barium	0.033	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 17:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 17:51	7440-41-7	
Boron	0.19	mg/L	0.040	0.0086	1	03/01/23 10:49			
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 17:51	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 17:51	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 17:51		
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 17:51		
_ithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49			
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49			
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 17:51		
Γhallium	ND	mg/L	0.0010	0.00014	1	03/01/23 10:49	03/02/23 17:51		
7470 Mercury	Analytical	Method: EPA 7	470A Prer	paration Met	thod: EF	A 7470A			
,	-	ytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 08:41	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, (GA				
Total Dissolved Solids	334	mg/L	25.0	25.0	1		02/19/23 13:24	1	
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	2.1 1993					
-	Pace Anal	ytical Services	- Asheville						
Chloride	6.2	mg/L	1.0	0.60	1		02/21/23 03:33	3 16887-00-6	
Fluoride	0.053J	mg/L	0.10	0.050	1		02/21/23 03:33	3 16984-48-8	
Sulfate	38.1	mg/L	1.0	0.50	1		02/21/23 03:33		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-15	Lab ID:	92652734003	Collecte	ed: 02/15/23	3 14:00	Received: 02/	16/23 12:08 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Anal	ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 14:49		
Collected By	Daniel				1		03/08/23 14:49		
	Howard								
Collected Date	02/15/23				1		03/08/23 14:49		
Collected Time	14:00	0.111.			1		03/08/23 14:49		
pH	7.09	Std. Units			1		03/08/23 14:49		
6010D ATL ICP	•	Method: EPA 6				PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	SA.				
Calcium	98.1	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 19:52	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	SA.				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 17:57	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1		03/02/23 17:57		
Barium	0.048	mg/L	0.0050	0.00067	1		03/02/23 17:57		
Beryllium	ND	mg/L	0.00050	0.000054	1		03/02/23 17:57		
Boron	0.21	mg/L	0.040	0.0086	1		03/02/23 17:57		
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49			
Chromium	ND	mg/L	0.0050	0.0011	1		03/02/23 17:57		
Cobalt	ND	mg/L	0.0050	0.00039	1		03/02/23 17:57		
Lead	ND	mg/L	0.0010	0.00089	1		03/02/23 17:57		
Lithium	0.0010J	mg/L	0.030	0.00073	1		03/02/23 17:57		
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49			
Selenium	ND	mg/L	0.0050	0.0014	1		03/02/23 17:57		
Thallium	ND	mg/L	0.0030	0.00014	1	03/01/23 10:49			
		Method: EPA 7							
7470 Mercury		ytical Services				A 7470A			
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 08:44	7439-97-6	
2540C Total Dissolved Solids		Method: SM 25			•	25,02,20 10.00	20,00,20 00.44		
23400 IUlai Dissuiveu sullus	•	vtical Services			2 Λ				
		•		•					
Total Dissolved Solids	329	mg/L	25.0	25.0	1		02/19/23 13:24		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	2.1 1993					
	Pace Anal	ytical Services	- Asheville						
Chloride	6.2	mg/L	1.0	0.60	1		02/21/23 03:48	16887-00-6	
Fluoride	0.064J	mg/L	0.10	0.050	1		02/21/23 03:48		
	0.0070	9, =	0.10	0.000			32,21,20 00.40	. 555	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-18	Lab ID:	92652734004	Collecte	d: 02/15/2	3 15:35	Received: 02/	16/23 12:08 M	latrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
		ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 14:50)	
Collected By	Daniel				1		03/08/23 14:50)	
Collected Date	Howard 02/15/23				1		03/08/23 14:50)	
Collected Time	15:35				1		03/08/23 14:50		
рН	6.73	Std. Units			1		03/08/23 14:50		
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	aration Me	thod: EF	A 3010A			
	Pace Ana	ytical Services	- Peachtree	e Corners, 0	3A				
Calcium	164	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 19:57	7440-70-2	M1
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	aration Met	hod: EF	A 3005A			
	-	ytical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 18:03	3 7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 18:03	3 7440-38-2	
Barium	0.026	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 18:03	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 18:03	3 7440-41-7	
Boron	0.35	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 18:03	3 7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 18:03	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 18:03	3 7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 18:03	3 7440-48-4	
_ead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 18:03	7439-92-1	
_ithium	0.0027J	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 18:03	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 18:03	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 18:03	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 18:03	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Prep	aration Met	hod: EP	A 7470A			
	Pace Ana	ytical Services	- Peachtree	e Corners, 0	3A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 08:46	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Ana	ytical Services	- Peachtree	e Corners, C	3A				
Total Dissolved Solids	477	mg/L	25.0	25.0	1		02/19/23 13:24	ļ.	
300.0 IC Anions 28 Days	•	Method: EPA 3 ytical Services		.1 1993					
Chloride	4.5	mg/L	1.0	0.60	1		02/21/23 05:02	16887-00-6	
		-	-						
Fluoride	ND	mg/L	0.10	0.050	1		02/21/23 05:02	16984-48-8	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-APA12-FB-01	Lab ID:	92652734005	Collecte	ed: 02/14/23	3 10:45	Received: 02/	16/23 12:08 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Calcium	ND	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 20:16	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	S A				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 18:09	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 18:09	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 18:09	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 18:09	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 18:09	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 18:09	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 18:09	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 18:09	7440-48-4	
₋ead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 18:09	7439-92-1	
_ithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 18:09	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 18:09	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 18:09	7782-49-2	
Γhallium	ND	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 18:09	7440-28-0	
470 Mercury	Analytical	Method: EPA 7	470A Prep	paration Met	hod: EP	'A 7470A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 08:49	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, C	S A				
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/17/23 14:11		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	2.1 1993					
	Pace Anal	ytical Services	- Asheville						
Chloride	ND	mg/L	1.0	0.60	1		02/21/23 05:17	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/21/23 05:17		
Sulfate	ND	mg/L	1.0	0.50	1		02/21/23 05:17		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-2D	Lab ID:	92652734006	Collecte	ed: 02/14/23	3 12:20	Received: 02/	16/23 12:08 M	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	-	ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 14:52		
Collected By	Daniel Howard				1		03/08/23 14:52		
Collected Date	02/14/23				1		03/08/23 14:52		
Collected Time	12:20				1		03/08/23 14:52		
pH	7.97	Std. Units			1		03/08/23 14:52		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Calcium	30.2	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 20:31	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Prep	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	SA.				
Antimony	0.0015J	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 18:45	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 18:45	7440-38-2	
Barium	0.0055	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 18:45	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 18:45	7440-41-7	
Boron	0.010J	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 18:45	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 18:45	7440-43-9	
Chromium	0.0041J	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 18:45	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 18:45	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1		03/02/23 18:45		
Lithium	0.0010J	mg/L	0.030	0.00073	1		03/02/23 18:45		
Molybdenum	ND	mg/L	0.010	0.00074	1		03/02/23 18:45		
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49			
Thallium	ND	mg/L	0.0010	0.00018	1		03/02/23 18:45		
7470 Mercury	Analytical	Method: EPA	7470A Prep	paration Met	hod: EF	A 7470A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 09:48	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, C	SA.				
Total Dissolved Solids	140	mg/L	25.0	25.0	1		02/17/23 14:12		
300.0 IC Anions 28 Days	-	Method: EPA							
Chloride	2.6	mg/L	1.0	0.60	1		02/21/23 05:32	16887-00-6	
Fluoride	0.076J	mg/L	0.10	0.050	1		02/21/23 05:32		
1 1401140	3.07.00	g, L	0.10	0.000	1		JZ1Z 11ZU UU.JZ	.0007 70 0	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Parameters Field Data Performed by Collected By Collected Date Collected Time pH 6010D ATL ICP Calcium 6020 MET ICPMS Antimony Arsenic	Client Daniel Howard 02/14/23 14:22 7.36 Analytical Pace Ana 69.3	Units Method: llytical Services Std. Units Method: EPA llytical Services mg/L	6010D Pre		DF 1 1 1 1 1 1 1 1	Prepared	Analyzed 03/08/23 14:54 03/08/23 14:54 03/08/23 14:54	CAS No.	Qua
Field Data Performed by Collected By Collected Date Collected Time pH 6010D ATL ICP Calcium 6020 MET ICPMS Antimony Arsenic	Analytical Pace Ana Client Daniel Howard 02/14/23 14:22 7.36 Analytical Pace Ana 69.3	Method: lytical Services Std. Units Method: EPA lytical Services	s - Charlotte	,	1 1 1 1	Prepared	03/08/23 14:54 03/08/23 14:54 03/08/23 14:54	CAS No.	Qua
Performed by Collected By Collected Date Collected Time pH 6010D ATL ICP Calcium 6020 MET ICPMS Antimony Arsenic	Pace Ana Client Daniel Howard 02/14/23 14:22 7.36 Analytical Pace Ana 69.3	Std. Units Method: EPA	6010D Pre		1 1 1 1		03/08/23 14:54 03/08/23 14:54		
Collected By Collected Date Collected Time bH 6010D ATL ICP Calcium 6020 MET ICPMS Antimony Arsenic	Client Daniel Howard 02/14/23 14:22 7.36 Analytical Pace Ana 69.3	Std. Units Method: EPA llytical Services	6010D Pre		1 1 1 1		03/08/23 14:54 03/08/23 14:54		
Collected By Collected Date Collected Time DH Collod ATL ICP Calcium Collod MET ICPMS Antimony Arsenic	Daniel Howard 02/14/23 14:22 7.36 Analytical Pace Ana 69.3	Method: EPA		paration Met	1 1 1 1		03/08/23 14:54 03/08/23 14:54		
Collected Date Collected Time bH 6010D ATL ICP Calcium 6020 MET ICPMS Antimony Arsenic	Howard 02/14/23 14:22 7.36 Analytical Pace Ana 69.3	Method: EPA		paration Met	1 1 1		03/08/23 14:54		
Collected Time oH 6010D ATL ICP Calcium 6020 MET ICPMS Antimony Arsenic	02/14/23 14:22 7.36 Analytical Pace Ana 69.3	Method: EPA		paration Met	1 1				
oH 6010D ATL ICP Calcium 6020 MET ICPMS Antimony Arsenic	7.36 Analytical Pace Ana 69.3	Method: EPA		paration Met	1		00/00/00 44.54		
GO10D ATL ICP Calcium GO20 MET ICPMS Antimony Arsenic	Analytical Pace Ana 69.3	Method: EPA		paration Met	•		03/08/23 14:54		
Calcium 6020 MET ICPMS Antimony Arsenic	Pace Ana	lytical Services		paration Met			03/08/23 14:54		
6020 MET ICPMS Antimony Arsenic	69.3		s - Peachtre		thod: EF	PA 3010A			
6020 MET ICPMS Antimony Arsenic		ma/L		e Corners, C	3A				
Antimony Arsenic	Analytical	···· · · ·	1.0	0.12	1	03/01/23 12:45	03/01/23 20:36	7440-70-2	
Arsenic	,	Method: EPA	6020B Prep	paration Met	hod: EF	PA 3005A			
Arsenic	Pace Ana	llytical Services	s - Peachtre	e Corners, C	3A				
	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 18:51	7440-36-0	
S - ut	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 18:51	7440-38-2	
Barium	0.014	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 18:51	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 18:51	7440-41-7	
Boron	0.012J	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 18:51	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49			
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49			
Cobalt	ND	mg/L	0.0050	0.00039	1		03/02/23 18:51		
Lead	ND	mg/L	0.0010	0.00089	1		03/02/23 18:51		
Lithium	ND	mg/L	0.030	0.00073	1		03/02/23 18:51		
Molybdenum	ND	mg/L	0.010	0.00073	1		03/02/23 18:51		
Selenium	ND	•	0.0050	0.00074	1	03/01/23 10:49			
Fhallium	ND ND	mg/L mg/L	0.0030	0.0014	1		03/02/23 18:51		
'470 Mercury	Analytical	Method: EPA	7470A Prer	paration Met	hod: EF	PA 7470A			
,		lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 09:58	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Ana	lytical Services	s - Peachtre	e Corners, C	ЭΑ				
Total Dissolved Solids	177	mg/L	25.0	25.0	1		02/17/23 14:13		
300.0 IC Anions 28 Days	-	Method: EPA							
Chloride	2.7	mg/L	1.0	0.60	1		02/21/23 05:46	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/21/23 05:46		
Sulfate	2.0	mg/L	1.0	0.050	1		02/21/23 03.40	10304-40-0	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-23A	Lab ID:	92652734008	Collecte	ed: 02/14/2	3 17:04	Received: 02/	16/23 12:08 N	latrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Analy	ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 14:55	;	
Collected By	Daniel				1		03/08/23 14:55	;	
Collected Date	Howard 02/14/23				1		03/08/23 14:55	;	
Collected Time	17:04				1		03/08/23 14:55		
рН	6.75	Std. Units			1		03/08/23 14:55	;	
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	paration Me	thod: EF	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, (GΑ				
Calcium	139	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 20:40	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	paration Me	thod: EF	PA 3005A			
	-	ytical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 18:57	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 18:57	7440-38-2	
Barium	0.033	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 18:57	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 18:57	7440-41-7	
Boron	0.13	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 18:57	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 18:57	7440-43-9	
Chromium	0.0024J	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 18:57	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 18:57	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 18:57	7439-92-1	
_ithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 18:57	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 18:57	7439-98-7	
Selenium	0.0015J	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 18:57	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 18:57	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Prep	paration Met	thod: EF	PA 7470A			
	Pace Anal	ytical Services	- Peachtre	e Corners, (GΑ				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:01	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Analy	ytical Services	- Peachtre	e Corners, 0	GΑ				
Total Dissolved Solids	414	mg/L	25.0	25.0	1		02/19/23 13:20)	
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	2.1 1993					
	Pace Anal	ytical Services	- Asheville						
Chloride	3.8	mg/L	1.0	0.60	1		02/21/23 06:01	16887-00-6	
Fluoride	0.084J	mg/L	0.10	0.050	1		02/21/23 06:01	16984-48-8	
Sulfate	35.1	mg/L	1.0	0.50	1		02/21/23 06:01	4 4000 70 0	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-25	Lab ID:	92652734009	• Collecte	ed: 02/15/23	3 10:40	Received: 02/	16/23 12:08 M	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Anal	ytical Services	s - Charlotte	:					
Performed by	Client				1		03/08/23 14:57		
Collected By	Daniel				1		03/08/23 14:57		
Collected Date	Howard 02/15/23				1		03/08/23 14:57		
Collected Time	10:40				1		03/08/23 14:57		
pH	7.02	Std. Units			1		03/08/23 14:57		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Met	thod: EF	PA 3010A			
	Pace Anal	ytical Services	s - Peachtre	e Corners, C	3A				
Calcium	86.9	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 20:45	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	s - Peachtre	e Corners, C	βA				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:03	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 19:03	7440-38-2	
Barium	0.10	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 19:03	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 19:03	7440-41-7	
Boron	0.17	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 19:03	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 19:03	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 19:03	7440-47-3	
Cobalt	0.0012J	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:03	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:03	7439-92-1	
_ithium	0.0057J	mg/L	0.030	0.00073	1		03/02/23 19:03		
Molybdenum	ND	mg/L	0.010	0.00074	1		03/02/23 19:03		
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49			
Thallium	0.00045J	mg/L	0.0010	0.00014	1		03/02/23 19:03		
7470 Mercury	Analytical	Method: EPA	7470A Prej	paration Met	hod: EF	PA 7470A			
·	Pace Anal	ytical Services	s - Peachtre	e Corners, C	3A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:03	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	2540C-2015						
	Pace Anal	ytical Services	s - Peachtre	e Corners, C	3A				
Total Dissolved Solids	264	mg/L	25.0	25.0	1		02/19/23 13:25		
300.0 IC Anions 28 Days	•	Method: EPA							
	Pace Anal	ytical Services	s - Asheville						
Chloride	1.8	mg/L	1.0	0.60	1		02/21/23 06:16	16887-00-6	
Fluoride	0.16	mg/L	0.10	0.050	1		02/21/23 06:16		
Sulfate	37.1	mg/L	1.0	0.50	1		02/21/23 06:16		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-APA12-FD-02	Lab ID:	92652734010	Collecte	ed: 02/15/2	3 00:00	Received: 02/	16/23 12:08 M	atrix: Water	
Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Anal	ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 14:58		
Collected By	Daniel				1		03/08/23 14:58		
•	Howard								
Collected Date	02/15/23				1		03/08/23 14:58		
Collected Time	00:00	Out Hair			1		03/08/23 14:58		
ρΗ	7.02	Std. Units			1		03/08/23 14:58		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Me	thod: EF	PA 3010A			
	Pace Anal	ytical Services	 Peachtre 	e Corners, C	3A				
Calcium	84.1	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 20:50	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	paration Met	hod: EF	A 3005A			
		ytical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:09	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 19:09		
Barium	0.11	mg/L	0.0050	0.00067	1	03/01/23 10:49			
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49			
Boron	0.18	mg/L	0.040	0.0086	1		03/02/23 19:09		
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49			
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 19:09	7440-47-3	
Cobalt	0.0011J	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:09		
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:09		
_ithium	0.0059J	mg/L	0.030	0.00073	1	03/01/23 10:49			
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49			
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 19:09		
Thallium	0.00046J	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 19:09		
7470 Mercury	Analytical	Method: EPA 7	470A Prep	paration Met	hod: EF	A 7470A			
•	-	ytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:06	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, (3A				
Total Dissolved Solids	274	mg/L	25.0	25.0	1		02/19/23 13:25		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	2.1 1993					
	-	ytical Services							
Chloride	1.8	mg/L	1.0	0.60	1		02/21/23 06:31	16887-00-6	
Fluoride	0.16	mg/L	0.10	0.050	1		02/21/23 06:31		
Sulfate	37.0	mg/L	1.0	0.50	1		02/21/23 06:31		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-19	Lab ID:	9265273401	1 Collecte	ed: 02/15/23	3 12:45	Received: 02/	/16/23 12:08 M	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Ana	lytical Service	s - Charlotte						
Performed by	Client				1		03/08/23 14:59		
Collected By	Daniel				1		03/08/23 14:59		
Collected Date	Howard 02/15/23				1		03/08/23 14:59		
Collected Time	12:45				1		03/08/23 14:59		
рН	6.66	Std. Units			1		03/08/23 14:59		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Ana	lytical Service	s - Peachtre	e Corners, C	βA				
Calcium	144	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 20:55	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Service	s - Peachtre	e Corners, C	€A				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49			
Barium	0.051	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 19:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 19:14	7440-41-7	
Boron	0.54	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 19:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 19:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 19:14	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:14	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:14	7439-92-1	
Lithium	0.011J	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 19:14	7439-93-2	
Molybdenum	0.0016J	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 19:14	7439-98-7	
Selenium	0.0036J	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 19:14	7782-49-2	
Thallium	0.00051J	mg/L	0.0010	0.00018	1		03/02/23 19:14		
7470 Mercury	Analytical	Method: EPA	7470A Pre	paration Met	hod: EF	PA 7470A			
	Pace Ana	lytical Service	s - Peachtre	e Corners, C	€A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:14	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM	2540C-2015						
	Pace Ana	lytical Service	s - Peachtre	e Corners, C	€A				
Total Dissolved Solids	529	mg/L	25.0	25.0	1		02/19/23 13:26		
300.0 IC Anions 28 Days	Analytical	Method: EPA	300.0 Rev 2	2.1 1993					
	Pace Ana	lytical Service	s - Asheville						
Chloride	4.1	mg/L	1.0	0.60	1		02/21/23 06:46	16887-00-6	
Fluoride	0.086J	mg/L	0.10	0.050	1		02/21/23 06:46		
Sulfate	78.8	mg/L	1.0	0.50	1		02/21/23 06:46		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-APA12-FD-01	Lab ID:	92652734012	Collecte	ed: 02/15/23	3 00:00	Received: 02/	/16/23 12:08 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Ana	lytical Services	- Charlotte						
Performed by	Client				1		03/08/23 15:00		
Collected By	Daniel				1		03/08/23 15:00		
Collected Date	Howard 02/15/23				1		03/08/23 15:00		
Collected Time	00:00				1		03/08/23 15:00		
рН	6.66	Std. Units			1		03/08/23 15:00		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	βA				
Calcium	146	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:00	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	βA				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 19:20	7440-38-2	
Barium	0.048	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 19:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 19:20	7440-41-7	
Boron	0.53	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 19:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 19:20	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 19:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:20	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:20	7439-92-1	
Lithium	0.011J	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 19:20	7439-93-2	
Molybdenum	0.0015J	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 19:20	7439-98-7	
Selenium	0.0034J	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 19:20	7782-49-2	
Thallium	0.00050J	mg/L	0.0010	0.00018	1		03/02/23 19:20		
7470 Mercury	Analytical	Method: EPA	7470A Prep	paration Met	hod: EF	PA 7470A			
	Pace Ana	lytical Services	- Peachtre	e Corners, C	€A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:16	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Ana	lytical Services	- Peachtre	e Corners, C	€A				
Total Dissolved Solids	490	mg/L	25.0	25.0	1		02/19/23 13:26		
300.0 IC Anions 28 Days	Analytical	Method: EPA	300.0 Rev 2	2.1 1993					
	Pace Ana	lytical Services	- Asheville						
Chloride	4.2	mg/L	1.0	0.60	1		02/21/23 07:00	16887-00-6	
Fluoride	0.086J	mg/L	0.10	0.050	1		02/21/23 07:00		
Sulfate	79.0	mg/L	1.0	0.50	1		02/21/23 07:00		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-1D	Lab ID:	92652734013	Collecte	ed: 02/14/23	3 11:45	Received: 02/	16/23 12:08 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
Field Data	Analytical	Method:							
	Pace Anal	ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 15:01		
Collected By	Daniel				1		03/08/23 15:01		
Collected Date	Howard 02/14/23				1		03/08/23 15:01		
Collected Time	11:45				1		03/08/23 15:01		
рН	7.43	Std. Units			1		03/08/23 15:01		
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	hod: EF	PA 3010A			
	•	ytical Services							
Calcium	56.2	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:05	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:26	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 19:26	7440-38-2	
Barium	0.020	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 19:26	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 19:26	7440-41-7	
Boron	0.011J	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 19:26	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 19:26	7440-43-9	
Chromium	0.0015J	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 19:26	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:26	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:26	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1		03/02/23 19:26		
Molybdenum	0.0013J	mg/L	0.010	0.00074	1		03/02/23 19:26		
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 19:26		
Thallium	ND	mg/L	0.0010	0.00018	1		03/02/23 19:26		
7470 Mercury	Analytical	Method: EPA 7	470A Prep	paration Met	hod: EF	A 7470A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:19	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, C	SA.				
Total Dissolved Solids	200	mg/L	25.0	25.0	1		02/19/23 13:20		
300.0 IC Anions 28 Days	•	Method: EPA 3 ytical Services		2.1 1993					
Chloride	3.0	mg/L	1.0	0.60	1		02/21/23 00:05	16887-00-6	
Fluoride	0.063J	mg/L	0.10	0.050	1		02/21/23 00:05	16984-48-8	
Sulfate	1.6	mg/L	1.0	0.50	1		02/21/23 00:05		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-31	Lab ID:	92652734014	Collecte	ed: 02/14/23	3 14:05	Received: 02/	16/23 12:08 M	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	•	ytical Services	s - Charlotte						
Performed by	Client				1		03/08/23 15:02		
Collected By	Daniel				1		03/08/23 15:02		
	Howard								
Collected Date	02/14/23				1		03/08/23 15:02		
Collected Time	14:05	0.1.11.7			1		03/08/23 15:02		
ρΗ	7.09	Std. Units			1		03/08/23 15:02		
6010D ATL ICP	•	Method: EPA				PA 3010A			
	Pace Ana	lytical Services	s - Peachtre	e Corners, C	€A				
Calcium	99.9	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:10	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Met	hod: EF	PA 3005A			
	Pace Ana	ytical Services	s - Peachtre	e Corners, C	βA				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:32	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 19:32	7440-38-2	
Barium	0.0071	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 19:32	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 19:32	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 19:32	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 19:32	7440-43-9	
Chromium	0.0011J	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 19:32	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:32	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:32	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 19:32	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1		03/02/23 19:32		
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 19:32	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1		03/02/23 19:32		
470 Mercury	Analytical	Method: EPA	7470A Prei	paration Met	hod: EF	PA 7470A			
•	Pace Ana	ytical Services	s - Peachtre	e Corners, C	βA				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:22	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	2540C-2015						
	Pace Ana	ytical Services	s - Peachtre	e Corners, C	SA.				
Total Dissolved Solids	257	mg/L	25.0	25.0	1		02/19/23 13:20		
300.0 IC Anions 28 Days	Analytical	Method: EPA	300.0 Rev 2	2.1 1993					
•	-	ytical Services							
Chloride	3.3	mg/L	1.0	0.60	1		02/21/23 01:07	16887-00-6	
Fluoride	0.059J	mg/L	0.10	0.050	1		02/21/23 01:07		
Sulfate	0.89J	mg/L	1.0	0.50	1		02/21/23 01:07		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-14	Lab ID:	92652734015	Collecte	d: 02/14/2	3 15:40	Received: 02/	16/23 12:08 M	latrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	•	ytical Services	- Charlotte						
Performed by	Client				1		03/08/23 15:03	.	
Collected By	Daniel				1		03/08/23 15:03		
•	Howard								
Collected Date	02/14/23				1		03/08/23 15:03		
Collected Time	15:40				1		03/08/23 15:03		
ρΗ	7.04	Std. Units			1		03/08/23 15:03	3	
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	paration Me	thod: EF	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, 0	3A				
Calcium	103	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:15	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prer	naration Met	hod: FF	A 3005A			
7020 MET TOT MIC	-	vtical Services				71000071			
	,	,		•					
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:38		
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 19:38		
Barium	0.014	mg/L	0.0050	0.00067	1	03/01/23 10:49			
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49			
Boron	0.023J	mg/L	0.040	0.0086	1	03/01/23 10:49			
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49			
Chromium	0.0018J	mg/L	0.0050	0.0011	1	03/01/23 10:49			
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:38		
_ead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:38		
_ithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 19:38	3 7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 19:38	3 7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 19:38	3 7782-49-2	
Γhallium	ND	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 19:38	3 7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Prep	aration Met	hod: EP	A 7470A			
•	-	ytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:24	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
20400 Total Dissolved Collas	•	ytical Services		e Corners, 0	3A				
Total Dissolved Solids	300	mg/L	25.0	25.0	1		02/19/23 13:21		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	.1 1993					
Julio 10 Amono 20 Dayo	-	ytical Services		1000					
Chloride	4.5	mg/L	1.0	0.60	1		02/21/23 01:23	3 16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/21/23 01:23		
	10.0	mg/L	1.0	0.50	1		02/21/23 01:23		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-APA12-EB-01	Lab ID:	92652734016	Collecte	d: 02/15/23	3 08:40	Received: 02/	16/23 12:08 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
6010D ATL ICP	Analytical	Method: EPA 6	010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Calcium	ND	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:29	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prep	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	S A				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 19:56	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 19:56	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 19:56	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 19:56	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 19:56	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 19:56	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 19:56	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 19:56	7440-48-4	
₋ead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 19:56	7439-92-1	
₋ithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 19:56	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 19:56	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 19:56	7782-49-2	
Γhallium	ND	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 19:56	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Prep	aration Met	hod: EP	A 7470A			
-	Pace Anal	ytical Services	- Peachtre	e Corners, C	S A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:27	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Total Dissolved Solids	45.0	mg/L	25.0	25.0	1		02/19/23 13:26		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	00.0 Rev 2	.1 1993					
	Pace Anal	ytical Services	- Asheville						
Chloride	ND	mg/L	1.0	0.60	1		02/21/23 01:38	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/21/23 01:38	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/21/23 01:38	14808-79-8	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-APA12-EB-02	Lab ID:	92652734017	Collecte	ed: 02/16/23	3 08:50	Received: 02/	17/23 11:04 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
6010D ATL ICP	Analytical	Method: EPA 6	6010D Pre	paration Met	hod: EF	PA 3010A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Calcium	ND	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:34	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA 6	6020B Prep	paration Met	hod: EF	PA 3005A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	S A				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 20:02	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 20:02	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 20:02	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 20:02	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 20:02	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 20:02	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 20:02	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 20:02	7440-48-4	
₋ead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 20:02	7439-92-1	
_ithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 20:02	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 20:02	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 20:02	7782-49-2	
Γhallium	ND	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 20:02	7440-28-0	
7470 Mercury	Analytical	Method: EPA 7	470A Prep	paration Met	hod: EF	A 7470A			
	Pace Anal	ytical Services	- Peachtre	e Corners, C	€A				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:30	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Anal	ytical Services	- Peachtre	e Corners, C	βA				
Total Dissolved Solids	ND	mg/L	25.0	25.0	1		02/20/23 12:44		
300.0 IC Anions 28 Days	Analytical	Method: EPA 3	300.0 Rev 2	2.1 1993					
	Pace Anal	ytical Services	- Asheville						
Chloride	ND	mg/L	1.0	0.60	1		02/21/23 02:40	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/21/23 02:40	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/21/23 02:40	14808-79-8	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-APA12-FB-02	Lab ID:	92652734018	3 Collecte	ed: 02/16/2	3 09:45	Received: 02/	17/23 11:04 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Me	thod: El	PA 3010A			
	Pace Anal	ytical Service	s - Peachtre	e Corners, 0	GA				
Calcium	ND	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:39	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Pre	paration Me	thod: Ef	PA 3005A			
	Pace Analy	ytical Service	s - Peachtre	e Corners, (GA				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 20:08	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 20:08	7440-38-2	
Barium	ND	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 20:08	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 20:08	7440-41-7	
Boron	ND	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 20:08	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 20:08	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 20:08	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 20:08	7440-48-4	
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 20:08	7439-92-1	
Lithium	ND	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 20:08	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 20:08	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 20:08	7782-49-2	
Thallium	ND	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 20:08	7440-28-0	
7470 Mercury	Analytical	Method: EPA	7470A Prej	paration Met	thod: EF	PA 7470A			
·	Pace Analy	ytical Service	s - Peachtre	e Corners, 0	GA				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:32	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	2540C-2015						
	Pace Analy	ytical Service	s - Peachtre	e Corners, 0	GA				
Total Dissolved Solids	57.9	mg/L	25.0	25.0	1		02/20/23 12:44		
300.0 IC Anions 28 Days	Analytical	Method: EPA	300.0 Rev 2	2.1 1993					
-	Pace Analy	ytical Service	s - Asheville						
Chloride	ND	mg/L	1.0	0.60	1		02/21/23 02:55	16887-00-6	
Fluoride	ND	mg/L	0.10	0.050	1		02/21/23 02:55	16984-48-8	
Sulfate	ND	mg/L	1.0	0.50	1		02/21/23 02:55	14808-79-8	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-57	Lab ID:	92652734019	Collecte	ed: 02/16/23	3 11:08	Received: 02/	17/23 11:04 Ma	atrix: Water	
			Report						
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Anal	lytical Services	- Charlotte						
Performed by	Client				1		03/08/23 15:05		
Collected By	Daniel Howard				1		03/08/23 15:05		
Collected Date	02/16/23				1		03/08/23 15:05		
Collected Time	11:08				1		03/08/23 15:05		
Н	7.06	Std. Units			1		03/08/23 15:05		
6010D ATL ICP	Analytical	Method: EPA	6010D Pre	paration Me	thod: EF	PA 3010A			
	Pace Anal	lytical Services	- Peachtre	e Corners, 0	3A				
Calcium	91.6	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:44	7440-70-2	
6020 MET ICPMS	Analytical	Method: EPA	6020B Prep	paration Met	hod: EF	PA 3005A			
	Pace Anal	lytical Services	- Peachtre	e Corners, 0	3A				
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 20:14	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 20:14	7440-38-2	
3arium	0.063	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 20:14	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 20:14	7440-41-7	
Boron	0.16	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 20:14	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 20:14	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 20:14	7440-47-3	
Cobalt	0.00051J	mg/L	0.0050	0.00039	1		03/02/23 20:14		
_ead	ND	mg/L	0.0010	0.00089	1		03/02/23 20:14		
_ithium	0.00082J	mg/L	0.030	0.00073	1		03/02/23 20:14		
Molybdenum	ND	mg/L	0.010	0.00074	1		03/02/23 20:14		
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49			
Thallium	ND	mg/L	0.0030	0.00014	1		03/02/23 20:14		
7470 Mercury	Analytical	Method: EPA	7470A Prep	paration Met	hod: EF	A 7470A			
•	•	lytical Services							
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:35	7439-97-6	
2540C Total Dissolved Solids	Analytical	Method: SM 2	540C-2015						
	Pace Anal	lytical Services	- Peachtre	e Corners, (S A				
Total Dissolved Solids	421	mg/L	25.0	25.0	1		02/20/23 12:45		
300.0 IC Anions 28 Days	-	Method: EPA							
Chloride	2.2	mg/L	1.0	0.60	1		02/21/23 03:11	16887-00-6	
Fluoride	0.077J	mg/L	0.10	0.050	1		02/21/23 03:11	16984-48-8	
i idolido	3.0110	g, ∟	0.10	0.000			52/2 1/20 00.11	.0007 70 0	



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-17	Lab ID:	92652734020	Collecte	d: 02/16/2	3 10:40	Received: 02/	17/23 11:04 M	atrix: Water	
			Report						
Parameters	Results	Units -	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua
Field Data	Analytical	Method:							
	Pace Analy	tical Services	- Charlotte						
Performed by	Client				1		03/08/23 15:07		
Collected By	Daniel				1		03/08/23 15:07		
Collected Date	Howard 02/16/23				1		03/08/23 15:07		
Collected Time	10:40				1		03/08/23 15:07		
Н	7.14	Std. Units			1		03/08/23 15:07		
6010D ATL ICP	Analytical I	Method: EPA 6	010D Prep	paration Me	thod: EF	A 3010A			
	Pace Analy	tical Services	- Peachtre	e Corners, (βA				
Calcium	94.1	mg/L	1.0	0.12	1	03/01/23 12:45	03/01/23 21:48	7440-70-2	
6020 MET ICPMS	Analytical I	Method: EPA 6	020B Prep	paration Met	hod: EF	A 3005A			
		tical Services							
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 10:49	03/02/23 20:20	7440-36-0	
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 10:49	03/02/23 20:20		
Barium	0.059	mg/L	0.0050	0.00067	1	03/01/23 10:49	03/02/23 20:20	7440-39-3	
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 10:49	03/02/23 20:20	7440-41-7	
Boron	0.15	mg/L	0.040	0.0086	1	03/01/23 10:49	03/02/23 20:20	7440-42-8	
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 10:49	03/02/23 20:20	7440-43-9	
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 10:49	03/02/23 20:20	7440-47-3	
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 10:49	03/02/23 20:20	7440-48-4	
_ead	ND	mg/L	0.0010	0.00089	1	03/01/23 10:49	03/02/23 20:20	7439-92-1	
_ithium	0.0014J	mg/L	0.030	0.00073	1	03/01/23 10:49	03/02/23 20:20	7439-93-2	
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 10:49	03/02/23 20:20	7439-98-7	
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 10:49	03/02/23 20:20	7782-49-2	
Γhallium	0.00038J	mg/L	0.0010	0.00018	1	03/01/23 10:49	03/02/23 20:20	7440-28-0	
7470 Mercury	Analytical I	Method: EPA 7	470A Prep	aration Met	hod: EP	A 7470A			
·	Pace Analy	tical Services	- Peachtre	e Corners, 0	βA				
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:37	7439-97-6	
2540C Total Dissolved Solids	Analytical I	Method: SM 25	540C-2015						
	Pace Analy	tical Services	- Peachtre	e Corners, 0	3A				
Total Dissolved Solids	299	mg/L	25.0	25.0	1		02/20/23 12:45		
300.0 IC Anions 28 Days	Analytical I	Method: EPA 3	00.0 Rev 2	.1 1993					
-	Pace Analy	tical Services	- Asheville						
Chloride	3.1	mg/L	1.0	0.60	1		02/21/23 03:26	16887-00-6	
Fluoride	0.077J	mg/L	0.10	0.050	1		02/21/23 03:26	16984-48-8	
Sulfate	54.2	mg/L	1.0	0.50	1		02/21/23 03:26		



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Sample: MIT-PZ-33	Lab ID:	92652734021	Collected	d: 02/16/23	3 13:45	Received: 02/	17/23 11:04 M	Matrix: Water		
			Report							
Parameters	Results	Units	Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qua	
Field Data	Analytical	Method:								
	•	lytical Services	- Charlotte							
Performed by	Client				1		03/08/23 15:08			
Collected By	Daniel Howard				1		03/08/23 15:08			
Collected Date	02/16/23				1		03/08/23 15:08			
Collected Time	13:45				1		03/08/23 15:08			
рН	7.13	Std. Units			1		03/08/23 15:08			
6010D ATL ICP	Analytical	Method: EPA 6	010D Prep	aration Met	thod: EF	PA 3010A				
	Pace Ana	lytical Services	- Peachtree	Corners, C	ЭΑ					
Calcium	92.2	mg/L	1.0	0.12	1	03/01/23 13:33	03/01/23 22:17	7440-70-2	M1	
6020 MET ICPMS	Analytical	Method: EPA 6	020B Prepa	aration Met	thod: EF	PA 3005A				
	Pace Ana	lytical Services	- Peachtree	Corners, C	GΑ					
Antimony	ND	mg/L	0.0030	0.00078	1	03/01/23 13:15	03/03/23 15:45	7440-36-0		
Arsenic	ND	mg/L	0.0050	0.0022	1	03/01/23 13:15	03/03/23 15:45	7440-38-2		
Barium	0.040	mg/L	0.0050	0.00067	1	03/01/23 13:15	03/03/23 15:45	7440-39-3		
Beryllium	ND	mg/L	0.00050	0.000054	1	03/01/23 13:15	03/03/23 15:45	7440-41-7		
Boron	0.31	mg/L	0.040	0.0086	1	03/01/23 13:15	03/03/23 15:45	7440-42-8		
Cadmium	ND	mg/L	0.00050	0.00011	1	03/01/23 13:15	03/03/23 15:45	7440-43-9		
Chromium	ND	mg/L	0.0050	0.0011	1	03/01/23 13:15	03/03/23 15:45	7440-47-3		
Cobalt	ND	mg/L	0.0050	0.00039	1	03/01/23 13:15	03/03/23 15:45	7440-48-4		
Lead	ND	mg/L	0.0010	0.00089	1	03/01/23 13:15	03/03/23 15:45	7439-92-1		
Lithium	ND	mg/L	0.030	0.00073	1	03/01/23 13:15	03/03/23 15:45	7439-93-2		
Molybdenum	ND	mg/L	0.010	0.00074	1	03/01/23 13:15	03/03/23 15:45			
Selenium	ND	mg/L	0.0050	0.0014	1	03/01/23 13:15	03/03/23 15:45	7782-49-2		
Thallium	ND	mg/L	0.0010	0.00018	1	03/01/23 13:15	03/03/23 15:45	7440-28-0		
7470 Mercury	Analytical	Method: EPA 7	470A Prepa	aration Met	hod: EF	PA 7470A				
	Pace Ana	lytical Services	- Peachtree	Corners, C	ЭΑ					
Mercury	ND	mg/L	0.00020	0.00013	1	03/02/23 16:00	03/03/23 10:45	7439-97-6		
2540C Total Dissolved Solids	Analytical	Method: SM 25	540C-2015							
	Pace Ana	lytical Services	- Peachtree	Corners, C	ЭΑ					
Total Dissolved Solids	293	mg/L	25.0	25.0	1		02/20/23 12:46			
300.0 IC Anions 28 Days	,	Method: EPA 3 lytical Services		1 1993						
Chloride	2.3	mg/L	1.0	0.60	1		02/21/23 03:42	16887-00-6		
Fluoride	0.082J	mg/L	0.10	0.050	1		02/21/23 03:42			
		mg/L	1.0	0.50	-		02/21/23 03:42			



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

LABORATORY CONTROL SAMPLE:

Date: 03/28/2023 06:34 PM

QC Batch: 758718 Analysis Method: EPA 6010D
QC Batch Method: EPA 3010A Analysis Description: 6010D ATL

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005, 92652734006, 92652734007,

92652734008, 92652734009, 92652734010, 92652734011, 92652734012, 92652734013, 92652734014,

92652734015, 92652734016, 92652734017, 92652734018, 92652734019, 92652734020

METHOD BLANK: 3940790 Matrix: Water

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005, 92652734006, 92652734007,

92652734008, 92652734009, 92652734010, 92652734011, 92652734012, 92652734013, 92652734014,

92652734015, 92652734016, 92652734017, 92652734018, 92652734019, 92652734020

ParameterUnitsBlank ResultReporting LimitMDLAnalyzedQualifiersCalciummg/LND1.00.1203/01/23 19:33

Spike LCS LCS % Rec Parameter Units Conc. Result % Rec Limits Qualifiers Calcium 1.0 100 80-120 mg/L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3940792 3940793

MS MSD

3940791

92652734004 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits RPD Qual Calcium 154 -1010 75-125 2 20 M1 mg/L 164 158 -626

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.



Project:

Mitchell AP-A, AP-1, AP-2

Pace Project No.:

92652734

QC Batch: QC Batch Method: 758785

EPA 3010A

Analysis Method:

EPA 6010D

Analysis Description:

6010D ATL

Laboratory:

Result

Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples:

METHOD BLANK: 3941289

Matrix: Water

Associated Lab Samples:

92652734021

Units

mg/L

92652734021

Blank

Parameter

Units

Reporting Limit

MDL

Qualifiers

Calcium

Calcium

Calcium

mg/L

Units

mg/L

92652734021

Result

92.2

ND

1.0

0.12 03/01/23 22:08

80-120

Analyzed

LABORATORY CONTROL SAMPLE: Parameter

Parameter

Date: 03/28/2023 06:34 PM

3941290

Spike Conc.

LCS Result

LCS % Rec % Rec Limits

Qualifiers

3941291

MSD

MS Result

3941292

98.2

0.99J

MSD

99

MSD

% Rec

75-125

Max RPD

Qual 20 M1

MATRIX SPIKE & MATRIX SPIKE DUPLICATE:

MS Spike Conc.

Spike Conc.

Result 96.2

% Rec 607

MS

% Rec

405

RPD Limits

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.



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

QC Batch: 758719 Analysis Method: EPA 6020B
QC Batch Method: EPA 3005A Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005, 92652734006, 92652734007,

92652734008, 92652734009, 92652734010, 92652734011, 92652734012, 92652734013, 92652734014,

92652734015, 92652734016, 92652734017, 92652734018, 92652734019, 92652734020

METHOD BLANK: 3940795 Matrix: Water

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005, 92652734006, 92652734007,

92652734008, 92652734009, 92652734010, 92652734011, 92652734012, 92652734013, 92652734014,

92652734015, 92652734016, 92652734017, 92652734018, 92652734019, 92652734020

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
				IVIDL	Analyzeu	Qualifiers
Antimony	mg/L	ND	0.0030	0.00078	03/02/23 17:33	
Arsenic	mg/L	ND	0.0050	0.0022	03/02/23 17:33	
Barium	mg/L	ND	0.0050	0.00067	03/02/23 17:33	
Beryllium	mg/L	ND	0.00050	0.000054	03/02/23 17:33	
Boron	mg/L	ND	0.040	0.0086	03/02/23 17:33	
Cadmium	mg/L	ND	0.00050	0.00011	03/02/23 17:33	
Chromium	mg/L	ND	0.0050	0.0011	03/02/23 17:33	
Cobalt	mg/L	ND	0.0050	0.00039	03/02/23 17:33	
Lead	mg/L	ND	0.0010	0.00089	03/02/23 17:33	
Lithium	mg/L	ND	0.030	0.00073	03/02/23 17:33	
Molybdenum	mg/L	ND	0.010	0.00074	03/02/23 17:33	
Selenium	mg/L	ND	0.0050	0.0014	03/02/23 17:33	
Thallium	mg/L	ND	0.0010	0.00018	03/02/23 17:33	

LABORATORY CONTROL SAMPLE:	3940796					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Antimony	mg/L	0.1	0.10	103	80-120	_
Arsenic	mg/L	0.1	0.093	93	80-120	
Barium	mg/L	0.1	0.092	92	80-120	
Beryllium	mg/L	0.1	0.093	93	80-120	
Boron	mg/L	1	0.93	93	80-120	
Cadmium	mg/L	0.1	0.090	90	80-120	
Chromium	mg/L	0.1	0.091	91	80-120	
Cobalt	mg/L	0.1	0.091	91	80-120	
Lead	mg/L	0.1	0.094	94	80-120	
Lithium	mg/L	0.1	0.095	95	80-120	
Molybdenum	mg/L	0.1	0.091	91	80-120	
Selenium	mg/L	0.1	0.094	94	80-120	
Thallium	mg/L	0.1	0.094	94	80-120	

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



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

MATRIX SPIKE & MATRIX	SPIKE DUPL	ICATE: 3940	0797 MS Spike	MSD	3940798	8 MSD	MS	MSD				
		92652734005		Spike	MS				% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	106	105	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.090	0.090	90	90	75-125	0	20	
Barium	mg/L	ND	0.1	0.1	0.095	0.094	95	93	75-125	1	20	
Beryllium	mg/L	ND	0.1	0.1	0.091	0.091	91	91	75-125	0	20	
Boron	mg/L	ND	1	1	0.91	0.90	91	90	75-125	1	20	
Cadmium	mg/L	ND	0.1	0.1	0.092	0.092	92	92	75-125	0	20	
Chromium	mg/L	ND	0.1	0.1	0.089	0.088	89	87	75-125	1	20	
Cobalt	mg/L	ND	0.1	0.1	0.089	0.088	89	88	75-125	1	20	
Lead	mg/L	ND	0.1	0.1	0.094	0.092	94	92	75-125	1	20	
Lithium	mg/L	ND	0.1	0.1	0.095	0.095	95	95	75-125	0	20	
Molybdenum	mg/L	ND	0.1	0.1	0.091	0.091	91	91	75-125	1	20	
Selenium	mg/L	ND	0.1	0.1	0.091	0.093	91	93	75-125	2	20	
Thallium	mg/L	ND	0.1	0.1	0.094	0.093	94	93	75-125	1	20	

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



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

QC Batch: 758787 QC Batch Method: EPA 3005A Analysis Method: EPA 6020B

Analysis Description: 6020 MET

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92652734021

METHOD BLANK: 3941296

Date: 03/28/2023 06:34 PM

Matrix: Water

Associated Lab Samples: 92652734021

		Blank	Reporting			
Parameter	Units	Result	Limit	MDL	Analyzed	Qualifiers
Antimony	mg/L	ND ND	0.0030	0.00078	03/03/23 15:33	
rsenic	mg/L	ND	0.0050	0.0022	03/03/23 15:33	
arium	mg/L	ND	0.0050	0.00067	03/03/23 15:33	
eryllium	mg/L	ND	0.00050	0.000054	03/03/23 15:33	
oron	mg/L	ND	0.040	0.0086	03/03/23 15:33	
admium	mg/L	ND	0.00050	0.00011	03/03/23 15:33	
hromium	mg/L	ND	0.0050	0.0011	03/03/23 15:33	
obalt	mg/L	ND	0.0050	0.00039	03/03/23 15:33	
ead	mg/L	ND	0.0010	0.00089	03/03/23 15:33	
ithium	mg/L	ND	0.030	0.00073	03/03/23 15:33	
lolybdenum	mg/L	ND	0.010	0.00074	03/03/23 15:33	
elenium	mg/L	ND	0.0050	0.0014	03/03/23 15:33	
hallium	mg/L	ND	0.0010	0.00018	03/03/23 15:33	

		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Antimony	mg/L	0.1	0.11	112	80-120	
Arsenic	mg/L	0.1	0.099	99	80-120	
Barium	mg/L	0.1	0.10	101	80-120	
Beryllium	mg/L	0.1	0.10	102	80-120	
Boron	mg/L	1	0.99	99	80-120	
Cadmium	mg/L	0.1	0.098	98	80-120	
Chromium	mg/L	0.1	0.10	105	80-120	
Cobalt	mg/L	0.1	0.10	103	80-120	
.ead	mg/L	0.1	0.10	101	80-120	
ithium	mg/L	0.1	0.10	103	80-120	
Nolybdenum	mg/L	0.1	0.10	102	80-120	
Selenium	mg/L	0.1	0.10	100	80-120	
- Thallium	mg/L	0.1	0.10	100	80-120	

MATRIX SPIKE & MATRIX	SPIKE DUPL	ICATE: 3941	298		3941299							
		92652194022	MS Spike	MSD Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Antimony	mg/L	ND	0.1	0.1	0.11	0.11	110	111	75-125	1	20	
Arsenic	mg/L	ND	0.1	0.1	0.10	0.10	100	103	75-125	3	20	

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



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

MATRIX SPIKE & MATRIX	SPIKE DUPLIC	CATE: 3941			3941299							
Parameter	g Units	2652194022 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Barium	mg/L	0.0080	0.1	0.1	0.11	0.11	103	103	75-125	0	20	
Beryllium	mg/L	ND	0.1	0.1	0.095	0.098	95	98	75-125	3	20	
Boron	mg/L	ND	1	1	0.97	1.0	97	100	75-125	3	20	
Cadmium	mg/L	ND	0.1	0.1	0.097	0.098	97	98	75-125	1	20	
Chromium	mg/L	0.0015J	0.1	0.1	0.10	0.11	100	104	75-125	3	20	
Cobalt	mg/L	ND	0.1	0.1	0.10	0.10	101	101	75-125	0	20	
Lead	mg/L	ND	0.1	0.1	0.096	0.098	96	98	75-125	2	20	
Lithium	mg/L	0.00080J	0.1	0.1	0.099	0.10	98	101	75-125	4	20	
Molybdenum	mg/L	ND	0.1	0.1	0.099	0.10	99	101	75-125	2	20	
Selenium	mg/L	ND	0.1	0.1	0.099	0.10	99	103	75-125	4	20	
Thallium	mg/L	ND	0.1	0.1	0.098	0.10	98	100	75-125	1	20	

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



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Mercury

Date: 03/28/2023 06:34 PM

QC Batch: 759115 Analysis Method: EPA 7470A

QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005

METHOD BLANK: 3943327 Matrix: Water

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005

 Parameter
 Units
 Blank Reporting Result
 Limit
 MDL
 Analyzed
 Qualifiers

 mg/L
 ND
 0.00020
 0.00013
 03/03/23 08:19

LABORATORY CONTROL SAMPLE: 3943328

Spike LCS LCS % Rec Result % Rec Limits Qualifiers Parameter Units Conc. Mercury 0.0025 0.0024 95 80-120 mg/L

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3943329 3943330

MSD MS 92652734001 Spike Spike MS MSD MS MSD % Rec Max Parameter Units Conc. Result **RPD** RPD Qual Result Conc. Result % Rec % Rec Limits Mercury mg/L ND 0.0025 0.0025 0.0024 0.0023 93 92 75-125 20

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



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

QC Batch: 759117 Analysis Method: EPA 7470A
QC Batch Method: EPA 7470A Analysis Description: 7470 Mercury

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92652734006, 92652734007, 92652734008, 92652734009, 92652734010, 92652734011, 92652734012,

92652734013, 92652734014, 92652734015, 92652734016, 92652734017, 92652734018, 92652734019,

92652734020, 92652734021

METHOD BLANK: 3943339 Matrix: Water

Associated Lab Samples: 92652734006, 92652734007, 92652734008, 92652734009, 92652734010, 92652734011, 92652734012,

92652734013, 92652734014, 92652734015, 92652734016, 92652734017, 92652734018, 92652734019,

92652734020, 92652734021 Blank Reporting Qualifiers Parameter Units Result Limit MDL Analyzed Mercury mg/L ND 0.00020 0.00013 03/03/23 09:42 LABORATORY CONTROL SAMPLE: 3943340 Spike LCS LCS % Rec % Rec Parameter Units Conc. Result Limits Qualifiers Mercury mg/L 0.0025 0.0023 94 80-120 MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3943341 3943342 MS MSD 92652734006 Spike Spike MS MSD MS MSD % Rec Max

Parameter Units Result Conc. Conc. Result Result % Rec % Rec Limits **RPD** RPD Qual Mercury ND 0.0025 0.0025 0.0023 0.0022 90 75-125 3 20 mg/L 88

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.



Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

QC Batch: 756651 Analysis Method: SM 2540C-2015

QC Batch Method: SM 2540C-2015 Analysis Description: 2540C Total Dissolved Solids

Laboratory: Pace Analytical Services - Peachtree Corners, GA

Associated Lab Samples: 92652734005, 92652734006, 92652734007

METHOD BLANK: 3931171 Matrix: Water

Associated Lab Samples: 92652734005, 92652734006, 92652734007

Blank Reporting
Parameter Units Result Limit MDL Analyzed Qualifiers

Total Dissolved Solids mg/L ND 25.0 25.0 02/17/23 14:02

LABORATORY CONTROL SAMPLE: 3931172

Spike LCS LCS % Rec Conc. % Rec Limits Qualifiers Parameter Units Result **Total Dissolved Solids** 400 398 100 80-120 mg/L

SAMPLE DUPLICATE: 3931173

92652184002 Dup Max Parameter Units Result Result **RPD RPD** Qualifiers 78.0 **Total Dissolved Solids** 10 D6 mg/L 120 42

SAMPLE DUPLICATE: 3931174

Date: 03/28/2023 06:34 PM

Parameter Units Passolved Solids mg/L 52.9 ND Max Result RPD Qualifiers ND 10

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



Project: Mitchell AP-A, AP-1, AP-2

92652734 Pace Project No.:

Associated Lab Samples:

QC Batch: 756709

QC Batch Method: SM 2540C-2015 Analysis Method: SM 2540C-2015

Analysis Description:

2540C Total Dissolved Solids Pace Analytical Services - Peachtree Corners, GA

92652734001, 92652734002, 92652734003, 92652734004, 92652734008, 92652734009, 92652734010,

92652734011, 92652734012, 92652734013, 92652734014, 92652734015, 92652734016

METHOD BLANK: 3931548 Matrix: Water

92652734001, 92652734002, 92652734003, 92652734004, 92652734008, 92652734009, 92652734010, Associated Lab Samples:

Laboratory:

92652734011, 92652734012, 92652734013, 92652734014, 92652734015, 92652734016

Blank Reporting

Limit MDL Qualifiers Parameter Units Result Analyzed **Total Dissolved Solids** mg/L ND 25.0 25.0 02/19/23 13:18

LABORATORY CONTROL SAMPLE: 3931549

LCS LCS % Rec Spike Units % Rec Limits Qualifiers Parameter Conc. Result Total Dissolved Solids mg/L 400 393 98 80-120

SAMPLE DUPLICATE: 3931550

92652734008 Dup Max **RPD RPD** Parameter Units Result Result Qualifiers 414 419 10 **Total Dissolved Solids** 1 mg/L

SAMPLE DUPLICATE: 3931551

Date: 03/28/2023 06:34 PM

92652734001 Dup Max RPD Parameter Units Result Result RPD Qualifiers **Total Dissolved Solids** mg/L 335 393 16 10 D6

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.



QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

QC Batch Method:

QC Batch: 756899

SM 2540C-2015

Analysis Method:

SM 2540C-2015

Analysis Description:

2540C Total Dissolved Solids

Laboratory:

Pace Analytical Services - Peachtree Corners, GA

92652734017, 92652734018, 92652734019, 92652734020, 92652734021 Associated Lab Samples:

METHOD BLANK:

Matrix: Water

Associated Lab Samples:

92652734017, 92652734018, 92652734019, 92652734020, 92652734021

Blank

Reporting

Result

Limit

MDL

Analyzed

Qualifiers

Total Dissolved Solids

Units mg/L

Units

mg/L

Units

mg/L

ND

25.0

25.0 02/20/23 12:33

LABORATORY CONTROL SAMPLE: Parameter

Parameter

3932260

Spike Conc.

LCS Result

LCS % Rec % Rec Limits

Qualifiers

SAMPLE DUPLICATE: 3932261

Total Dissolved Solids

Total Dissolved Solids

Total Dissolved Solids

Date: 03/28/2023 06:34 PM

Parameter

92652194009 Result

149

Dup Result

208

92.9

377

RPD

94

Max **RPD**

80-120

Qualifiers

10 D6

10 D6

SAMPLE DUPLICATE: 3932262

Parameter

Units

mg/L

92652194019 Result 111

Dup Result

RPD 18

33

Max RPD

Qualifiers

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.



QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

QC Batch: 757055 Analysis Method: EPA 300.0 Rev 2.1 1993

QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005, 92652734006, 92652734007,

 $92652734008,\,92652734009,\,92652734010,\,92652734011,\,92652734012$

METHOD BLANK: 3932986 Matrix: Water

Associated Lab Samples: 92652734001, 92652734002, 92652734003, 92652734004, 92652734005, 92652734006, 92652734007,

92652734008, 92652734009, 92652734010, 92652734011, 92652734012

Parameter	Units	Blank Result	Reporting Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND ND	1.0	0.60	02/20/23 23:06	
Fluoride	mg/L	ND	0.10	0.050	02/20/23 23:06	
Sulfate	mg/L	ND	1.0	0.50	02/20/23 23:06	

LABORATORY CONTROL SAMPLE:	3932987	Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Chloride	mg/L	50	50.5	101	90-110	
Fluoride	mg/L	2.5	2.6	106	90-110	
Sulfate	mg/L	50	51.0	102	90-110	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3932	988		3932989							
			MS	MSD								
		92650847001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	ND	50	50	49.6	51.1	98	101	90-110	3	10	
Fluoride	mg/L	0.21	2.5	2.5	2.7	2.8	99	102	90-110	2	10	
Sulfate	mg/L	7.2	50	50	56.7	58.2	99	102	90-110	3	10	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3932	990		3932991							
			MS	MSD								
		92652734003	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	6.2	50	50	56.2	57.6	100	103	90-110	2	10	
Fluoride	mg/L	0.064J	2.5	2.5	2.6	2.6	100	103	90-110	3	10	
Sulfate	mg/L	75.7	50	50	118	121	84	91	90-110	3	10	M1

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



QUALITY CONTROL DATA

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

QC Batch: 757056 Analysis Method: EPA 300.0 Rev 2.1 1993

QC Batch Method: EPA 300.0 Rev 2.1 1993 Analysis Description: 300.0 IC Anions

Laboratory: Pace Analytical Services - Asheville

Associated Lab Samples: 92652734013, 92652734014, 92652734015, 92652734016, 92652734017, 92652734018, 92652734019,

92652734020, 92652734021

METHOD BLANK: 3932992 Matrix: Water

Associated Lab Samples: 92652734013, 92652734014, 92652734015, 92652734016, 92652734017, 92652734018, 92652734019,

92652734020, 92652734021

		Blank	Reporting			
Parameter	Units	Result	Limit	MDL	Analyzed	Qualifiers
Chloride	mg/L	ND	1.0	0.60	02/20/23 23:35	
Fluoride	mg/L	ND	0.10	0.050	02/20/23 23:35	
Sulfate	mg/L	ND	1.0	0.50	02/20/23 23:35	

LABORATORY CONTROL SAMPLE:	3932993					
		Spike	LCS	LCS	% Rec	
Parameter	Units	Conc.	Result	% Rec	Limits	Qualifiers
Chloride	mg/L	50	52.0	104	90-110	
Fluoride	mg/L	2.5	2.5	101	90-110	
Sulfate	mg/L	50	52.8	106	90-110	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3932	994		3932995							
			MS	MSD								
		92652734013	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	3.0	50	50	53.8	55.1	102	104	90-110	2	10	
Fluoride	mg/L	0.063J	2.5	2.5	2.4	2.4	93	95	90-110	3	10	
Sulfate	mg/L	1.6	50	50	52.7	53.9	102	105	90-110	2	10	

MATRIX SPIKE & MATRIX SP	IKE DUPL	ICATE: 3932	996		3932997							
			MS	MSD								
		92652856001	Spike	Spike	MS	MSD	MS	MSD	% Rec		Max	
Parameter	Units	Result	Conc.	Conc.	Result	Result	% Rec	% Rec	Limits	RPD	RPD	Qual
Chloride	mg/L	270	50	50	321	323	102	106	90-110	1	10	
Fluoride	mg/L	18.1	2.5	2.5	19.2	19.3	46	50	90-110	0	10	M1
Sulfate	mg/L	59.5	50	50	105	107	92	95	90-110	1	10	

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



QUALIFIERS

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

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

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

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

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

Acid preservation may not be appropriate for 2 Chloroethylvinyl ether.

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

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

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

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

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

Date: 03/28/2023 06:34 PM

D6 The precision between the sample and sample duplicate exceeded laboratory control limits.

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



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

_ab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
2652734001	MIT-PZ-7D			_	
2652734002	MIT-PZ-16				
2652734003	MIT-PZ-15				
2652734004	MIT-PZ-18				
2652734006	MIT-PZ-2D				
2652734007	MIT-PZ-32				
2652734008	MIT-PZ-23A				
2652734009	MIT-PZ-25				
2652734010	MIT-APA12-FD-02				
2652734011	MIT-PZ-19				
2652734012	MIT-APA12-FD-01				
2652734013	MIT-PZ-1D				
2652734014	MIT-PZ-31				
2652734015	MIT-PZ-14				
2652734019	MIT-PZ-57				
2652734020	MIT-PZ-17				
2652734021	MIT-PZ-33				
2652734001	MIT-PZ-7D	EPA 3010A	758718	EPA 6010D	758877
2652734002	MIT-PZ-16	EPA 3010A	758718	EPA 6010D	758877
2652734003	MIT-PZ-15	EPA 3010A	758718	EPA 6010D	758877
652734004	MIT-PZ-18	EPA 3010A	758718	EPA 6010D	758877
652734005	MIT-APA12-FB-01	EPA 3010A	758718	EPA 6010D	758877
652734006	MIT-PZ-2D	EPA 3010A	758718	EPA 6010D	758877
2652734007	MIT-PZ-32	EPA 3010A	758718	EPA 6010D	758877
2652734008	MIT-PZ-23A	EPA 3010A	758718	EPA 6010D	758877
2652734009	MIT-PZ-25	EPA 3010A	758718	EPA 6010D	758877
2652734010	MIT-APA12-FD-02	EPA 3010A	758718	EPA 6010D	758877
2652734011	MIT-PZ-19	EPA 3010A	758718	EPA 6010D	758877
2652734012	MIT-APA12-FD-01	EPA 3010A	758718	EPA 6010D	758877
2652734013	MIT-PZ-1D	EPA 3010A	758718	EPA 6010D	758877
652734014	MIT-PZ-31	EPA 3010A	758718	EPA 6010D	758877
2652734015	MIT-PZ-14	EPA 3010A	758718	EPA 6010D	758877
2652734016	MIT-APA12-EB-01	EPA 3010A	758718	EPA 6010D	758877
2652734017	MIT-APA12-EB-02	EPA 3010A	758718	EPA 6010D	758877
2652734018	MIT-APA12-FB-02	EPA 3010A	758718	EPA 6010D	758877
2652734019	MIT-PZ-57	EPA 3010A	758718 758718	EPA 6010D	758877
2652734020	MIT-PZ-17	EPA 3010A	758718	EPA 6010D	758877
2652734021	MIT-PZ-33	EPA 3010A	758785	EPA 6010D	758881
2652734001	MIT-PZ-7D	EPA 3005A	758719	EPA 6020B	758855
652734002	MIT-PZ-16	EPA 3005A	758719	EPA 6020B	758855
652734003	MIT-PZ-15	EPA 3005A	758719	EPA 6020B	758855
652734004	MIT-PZ-18	EPA 3005A	758719	EPA 6020B	758855
652734005	MIT-APA12-FB-01	EPA 3005A	758719	EPA 6020B	758855
652734006	MIT-PZ-2D	EPA 3005A	758719	EPA 6020B	758855
2652734007	MIT-PZ-32	EPA 3005A	758719	EPA 6020B	758855
2652734008	MIT-PZ-23A	EPA 3005A	758719	EPA 6020B	758855
2652734009	MIT-PZ-25	EPA 3005A	758719	EPA 6020B	758855



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
92652734010	MIT-APA12-FD-02	EPA 3005A	758719	EPA 6020B	<u></u>
2652734011	MIT-PZ-19	EPA 3005A	758719	EPA 6020B	758855
2652734012	MIT-APA12-FD-01	EPA 3005A	758719	EPA 6020B	758855
2652734013	MIT-PZ-1D	EPA 3005A	758719	EPA 6020B	758855
2652734014	MIT-PZ-31	EPA 3005A	758719	EPA 6020B	758855
2652734015	MIT-PZ-14	EPA 3005A	758719	EPA 6020B	758855
2652734016	MIT-APA12-EB-01	EPA 3005A	758719	EPA 6020B	758855
2652734017	MIT-APA12-EB-02	EPA 3005A	758719	EPA 6020B	758855
2652734018	MIT-APA12-FB-02	EPA 3005A	758719	EPA 6020B	758855
2652734019	MIT-PZ-57	EPA 3005A	758719	EPA 6020B	758855
2652734020	MIT-PZ-17	EPA 3005A	758719	EPA 6020B	758855
92652734021	MIT-PZ-33	EPA 3005A	758787	EPA 6020B	758884
2652734001	MIT-PZ-7D	EPA 7470A	759115	EPA 7470A	759162
2652734002	MIT-PZ-16	EPA 7470A	759115	EPA 7470A	759162
2652734003	MIT-PZ-15	EPA 7470A	759115	EPA 7470A	759162
2652734004	MIT-PZ-18	EPA 7470A	759115 759115	EPA 7470A	759162
2652734005	MIT-APA12-FB-01	EPA 7470A	759115 759115	EPA 7470A	759162
2652734006	MIT-PZ-2D	EPA 7470A	759117	EPA 7470A	759165
2652734007	MIT-PZ-32	EPA 7470A	759117 759117	EPA 7470A	759165
2652734008	MIT-PZ-23A	EPA 7470A	759117 759117	EPA 7470A	759165
2652734009	MIT-PZ-25A	EPA 7470A	759117 759117	EPA 7470A EPA 7470A	759165
2652734010	MIT-APA12-FD-02	EPA 7470A	759117 759117	EPA 7470A	759165
2652734010 2652734011	MIT-AFA12-FD-02 MIT-PZ-19	EPA 7470A	759117 759117	EPA 7470A EPA 7470A	759165
2652734011	MIT-APA12-FD-01	EPA 7470A EPA 7470A	759117 759117	EPA 7470A EPA 7470A	759165
	MIT-PZ-1D		759117 759117		759165
2652734013 2652734014	MIT-PZ-1D MIT-PZ-31	EPA 7470A EPA 7470A	759117 759117	EPA 7470A EPA 7470A	759165 759165
	MIT-PZ-31 MIT-PZ-14		759117 759117		
2652734015		EPA 7470A		EPA 7470A	759165
2652734016	MIT-APA12-EB-01	EPA 7470A	759117	EPA 7470A	759165
2652734017	MIT-APA12-EB-02	EPA 7470A	759117	EPA 7470A	759165
2652734018	MIT-APA12-FB-02	EPA 7470A	759117 750447	EPA 7470A	759165
2652734019	MIT-PZ-57	EPA 7470A	759117	EPA 7470A	759165
2652734020	MIT-PZ-17	EPA 7470A	759117 750117	EPA 7470A	759165 750165
2652734021	MIT-PZ-33	EPA 7470A	759117	EPA 7470A	759165
2652734001	MIT-PZ-7D	SM 2540C-2015	756709		
2652734002	MIT-PZ-16	SM 2540C-2015	756709		
2652734003	MIT-PZ-15 MIT-PZ-18	SM 2540C-2015	756709 756709		
2652734004		SM 2540C-2015			
2652734005	MIT-APA12-FB-01	SM 2540C-2015	756651		
2652734006	MIT-PZ-2D	SM 2540C-2015	756651		
2652734007	MIT-PZ-32	SM 2540C-2015	756651		
2652734008	MIT-PZ-23A	SM 2540C-2015	756709		
2652734009	MIT-PZ-25	SM 2540C-2015	756709		
2652734010	MIT-APA12-FD-02	SM 2540C-2015	756709		
2652734011	MIT-PZ-19	SM 2540C-2015	756709		
2652734012	MIT-APA12-FD-01	SM 2540C-2015	756709		
92652734013	MIT-PZ-1D	SM 2540C-2015	756709		

REPORT OF LABORATORY ANALYSIS



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2

Pace Project No.: 92652734

Date: 03/28/2023 06:34 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92652734014	MIT-PZ-31	SM 2540C-2015	756709		
92652734015	MIT-PZ-14	SM 2540C-2015	756709		
92652734016	MIT-APA12-EB-01	SM 2540C-2015	756709		
92652734017	MIT-APA12-EB-02	SM 2540C-2015	756899		
92652734018	MIT-APA12-FB-02	SM 2540C-2015	756899		
92652734019	MIT-PZ-57	SM 2540C-2015	756899		
92652734020	MIT-PZ-17	SM 2540C-2015	756899		
92652734021	MIT-PZ-33	SM 2540C-2015	756899		
92652734001	MIT-PZ-7D	EPA 300.0 Rev 2.1 1993	757055		
92652734002	MIT-PZ-16	EPA 300.0 Rev 2.1 1993	757055		
92652734003	MIT-PZ-15	EPA 300.0 Rev 2.1 1993	757055		
92652734004	MIT-PZ-18	EPA 300.0 Rev 2.1 1993	757055		
92652734005	MIT-APA12-FB-01	EPA 300.0 Rev 2.1 1993	757055		
92652734006	MIT-PZ-2D	EPA 300.0 Rev 2.1 1993	757055		
92652734007	MIT-PZ-32	EPA 300.0 Rev 2.1 1993	757055		
92652734008	MIT-PZ-23A	EPA 300.0 Rev 2.1 1993	757055		
92652734009	MIT-PZ-25	EPA 300.0 Rev 2.1 1993	757055		
92652734010	MIT-APA12-FD-02	EPA 300.0 Rev 2.1 1993	757055		
92652734011	MIT-PZ-19	EPA 300.0 Rev 2.1 1993	757055		
92652734012	MIT-APA12-FD-01	EPA 300.0 Rev 2.1 1993	757055		
92652734013	MIT-PZ-1D	EPA 300.0 Rev 2.1 1993	757056		
92652734014	MIT-PZ-31	EPA 300.0 Rev 2.1 1993	757056		
92652734015	MIT-PZ-14	EPA 300.0 Rev 2.1 1993	757056		
92652734016	MIT-APA12-EB-01	EPA 300.0 Rev 2.1 1993	757056		
92652734017	MIT-APA12-EB-02	EPA 300.0 Rev 2.1 1993	757056		
92652734018	MIT-APA12-FB-02	EPA 300.0 Rev 2.1 1993	757056		
92652734019	MIT-PZ-57	EPA 300.0 Rev 2.1 1993	757056		
92652734020	MIT-PZ-17	EPA 300.0 Rev 2.1 1993	757056		
92652734021	MIT-PZ-33	EPA 300.0 Rev 2.1 1993	757056		

Pace AMANTIKAL SERVICES	DC#_Title: ENV-FRM-HU							
	Effective Date: 11/14/2022							
Sample Condi Upon Receip urier: Commercial stody Seal Pre king Material ermometer: IR Gu pler Temp:	Fed Ex QUPS Pace Sent? Prés No Sea : Bubble Wrap Divide Correction Fact Add/Subtract (Type of toe]Yes	□Clis	nt ner Temps	92652734 Date/initials P	92652	ontents: 2/16/ Frozent JN/A
_	Soil (N/A, water sample) riginate in a quarantine zone within th	e United States:	CA, NY, o	or SC	Did san	ng Hawaii and I	from a foreign sou Puerto Rico)? []Ye mments/Discrepa	
Chain of Cus	tody Present?	Ø Yes	□No	□N/A	1.	CR	miterity Pristrepa	is re-y i
···	ved within Hold Time?	√∐Yes	□No	□N/A	2,			
Short Hold T	ime Analysis (<72 hr.)?	□Yes	ZNo	□N/A	3,			· · · · · · · · · · · · · · · · · · ·
***************************************	round Time Requested?	☐Yes .	ENO	□n/a	4.			
Sufficient Vo	lume?	Ves	□No	□n/a	5.			
	ainers Used?		□Nc		6.			
	tainers Used?	2 Yes	□Mo	□N/A			······································	
Containers Ir		ĐYes	□No	□n/a	7.			
	alysis: Samples Field Filtered?	Yes	No	ONTA .	В.			
	ls Match COC? Date/Time/ID/Analysis Matrix:	Wes	□Na	□n/A	9.			
						······································		
Headspace is Trip Blank Pr	n VOA Vials (>S-6mm)? resent?	☐Yes ☐Yes	□No □No	ZIN/A	10. 11.			
	ustody Seals Present?	□Yes		DAYA				
	7316 6331	1 1 23	- I saft	i pays.]		Field Data Requi	red? Yes No
T NOTIFICATIO	N/RESOLUTION			1	ot ID of split	containers:		
SALVE MALE SALVE S				* XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				
sen contacted Project Manaj	ger SCURF Review:			Date/Time		Date:		
			NAMES OF STREET OF STREET					
, colect Mausi	ger SRF Review:					Date:		



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*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

Project #

WO#: 92652734

PM: BV

CLIENT: GA-GA Power

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

***Check all unpreserved Nitrates for chlorine

iten#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 m1 Plastic Unpreserved (N/A)	BP1U-1 (iter Plastic Unpreserved (N/A)	8P45-125 mL Plastic H25O4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP48-1 25 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 (iter Amber Unpreserved (N/A) (Cl-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H2504 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl.)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na25203 (N/A)	VG9U-40 mt VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kt).VPH/Gas kit (N/A)	\$P5T-125 mL Sterile Plastic (N/A lab)	SP2T-250 mL Sterile Plastic (N/A ~ lab)	19//W	BP38-250 mL Ptastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved viäls (N/A)
1						M																		X				
2		I				V																		Z				
3		ı				X							7								_			Z)				
4		1	•			V																						
5	7	•				7	7							/											7			
5					J	abla																						
7																								7	7			
8					\bigcap	\bigcap		\bigcup			7		\bigcup										_	\int				
9					7																	-	\rightarrow		7			
10	7				7	7		7										1		and the same of th		-		\bigcap	\forall			
11		-			$ egthinspace{1.5em} $	7		7								Milandi			-	ASSESSMENT ASSESSMENT AND ASSESSMENT ASSESSM	\dashv		-	7				
12					\int																			1	7		***************************************	

		рН Ас	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot#
-						

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

Pace	DC#_Title: ENV-FRM-	HUN1-0083 v02_S	iample C	ondition Upon Receipt
MENTA SPECS	Effective Date: 11/14/202	22		-
· · · · · · · · · · · · · · · · · · ·	eiving samples:			
Asheville	Eden Greenwood	Huntersville 🗌	Raleigh	☐ Mechanicsville ☐ Atlanta ☐ Kernersville ☐
Sample Condi Upon Receip		- 0	P	'roject #:
Courier:	TAFED EX TOUT		Пан	
Commercial	Pace Sol	Other:	Clie	ent
Custody Seal Pre	isent? Pres No S	eals intact?	— □No	Date/Initials Person Examining Contents: 2/10/7
Packing Material Thermometer:	i: 🔲 Bubble Wrap	Bubble Bags Non	e 🗌 Ot	her Biological Tissue Frozent
☐ IR Gu	in 10: 230	Type of ice:]Wet 🔲 Bir	ue None
Cooler Temp:	Correction Fa		_	
Cooler Temp Cor	rected (°C):5	.1		Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling proces has begun
Did samples or	Soil (N/A, water sample) riginate in a quarantine zone within Yes No	the United States: CA, NY,	, or SC	Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)?
				Comments/Discrepancy:
Chain of Cus	tody Present?	Yes □No	□N/A	1.
	ived within Hold Time?		□N/A	2.
Short Hold T	ime Analysis (<72 hr.)?	☐Yes ☑No	□N/A	3.
Rush Turn A	round Time Requested?	☐Yes ∠ƏNG	□N/A	4.
Sufficient Vo	lume?	☑Yes □No	□N/A	5.
ı	ainers Used?	☐Yes ☐No	□N/A	6.
	tainers Used?		□N/A	
Containers In			□n/a	7.
	alysis: Samples Field Filtered? Is Match COC?	Yes No		8.
		W Inc	□n/a	9.
	Date/Time/ID/Analysis Matrix:			
Headspace in Trip Blank Pr	1 VOA Vials (>5-6mm)?	☐Yes ☐No	N/A_	10.
		□Yes □No	ØN7A	11.
y-11-11-11-11-11-11-11-11-11-11-11-11-11	stody Seals Present?	☐Yes ☐No	DAYA	
COMMENTS/SAMPL	T DIDCHENANCY		***************************************	Field Data Required? ☐Yes ☐No
***************************************		**************************************		ot ID of split containers:
LIENT NOTIFICATION	N/RESOLUTION			The at april and indicates
	· · · · · · · · · · · · · · · · · · ·			
Person contacted:	•		Date/Time:	
Project Manag	ger SCURF Review:		erice and activity departments and activities and additional access	Date:

Project Manager SRF Review:

Date:

/-	Pace
· E	HALFTER STRVESS

DC# Title: ENV-FRM-HUN1-0083 v	! Sample Condition Upon Receipt
--------------------------------	---------------------------------

Effective Date: 11/14/2022

* (Ch	eck	n	ıaı	rk	to	p h	alf	0	ft	KO	if	pŀ	ła	ınd	/ 0	a c	de	ch	loi	'n	at	on	ÌS	v	er	fie	d a	and
V	vit	hir	t	he	а	CC	≥pt	an	çе	ľZ	ng	e	for	p	res	er	va	tic	211	sa	m	ple	25.						
_		- 4				_										_													

***Check	all	unpreserved	Nitrates	for	ch	or	in	a
C116216	3111	OLIDICACI ACA	IAIFIGIED	11.71	.10	v	316	c

wit	hin t	he a	cep	tance	range	for pre	i/or dec servatio : , DRO/801	n samp	les.		ied and	d .	Proje	ct#					٠	
							r of both r chlorin									 	 			
	<u>-</u>					ξ.	lg lg	[_		-								(-)		(¥

	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H25O4 (pH < 2) (CI·)	BP3M-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H25O4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HC! (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Pfastic (N/A - lab)	SP2T-250 mL Sterile Plastic (N/A lab)	BAIN	BP3R-250 ml Plastic (NH2)2SO4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (Cl-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1)			X																		X				
2			(X																		X				
3			1			\mathcal{N}																		X				
4		-[X																		2				
5		į	l																									
6																												
7																										·		
8																***					·							
9																												
10																												
11		·																										
12														1				_										

		pH Ac	ljustment Log for Pres	erved Samples		-
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot#
Madial						

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

Pace	DC#_Title: ENV-FRM-I	HUN1 0083 vC	1 2_8a	mple-Cei	ıditiər	-Upon-Recei	P	·····
auther direct.	Effective Date: 11/14/202	***************************************	······································	***************************************		recovering and transmission of territorial purchaseds to A radi most that shows that AA.	***************************************	
aboratory rece	iving camples:	WWW.W.		· · · · · · · · · · · · · · · · · · ·	aracacac cerson esta-	ned hid ee ad an anageria ang dan ito manageria ang manageri	***************************************	
Asheville 🗌	Eden Greenwood	Huntersville	• 🗌	Raleigh[] Me	chanicsville 🗌	Atlanta 🗍	Kernersville
Sample Condi Upon Receipt		\triangle		Pro	oject#:			
	_ Dreaman		5		-			
Courier:	☐Fed Ex ☐ ☐UF☐Pace	PS USPS Other:_		Clien	ł.	William Control of the Control of th		
Custody Seal Pres	sent? Pes No S	eals Intact? —	Tres	™∏No		Date/Initials Pers	on Examining Con	itents: 21(6/2)
Packing Material:	: Bubble Wrap	Bubble Bags	None	Othe	2F	Bio	ological Tissue F	(Ozen
☐ IR Gui	n 10: 236	Type of ice:	[<u>]</u> v	Vet ∐Blue	. n	Vone		
Cooler Temp: Cooler Temp Con USDA Regulated	Correction Facted (°C): Soil (\substack N/A, water sample)	actor:	0		Tem	p should be above		es on ice, cooling process
Did samples or	iginate in a quarantine zone within ∐Yes □No	the United States:	CA, NY, c	or SC		samples originate fro uding Hawaii and Pue		□No
Chain of Cust	tody Present?	Z/Yes	□мо	□N/A	1.	Conn	inestral negot charit	· · · · · · · · · · · · · · · · · · ·
	ved within Hold Time?	-Tives	□No	□N/A	2.			
	îme Analysis (<72 hr.)?	□Yes	13 /0	□N/A	3.			
1	round Time Requested?	······································	EM6	□N/A	4.			
Sufficient Vo	-		□No	□N/A	5.			
Correct Cont	ainers Used?	∠DYes	□No	□n/a	6.			
***************************************	tainers Used?	₽ Yes .	No	□N/A				*
Containers Ir		₽Yes	□No_	□N/A	7.			
	alysis: Samples Field Filtered?			M/A	8.			
Sample Labe	is Match COC?	Ø (es	□No	□N/A	9.	-		
-includes	Date/Time/ID/Analysis Matrix:	\mathcal{W}						
Unaderace is	n VOA Vials (>5-6mm)?	∐Yes	□No	QN/A	10.		•	
Trip Blank Pr		☐ Yes	□No	DAV/A	11.		······································	
Trin Blank C	ustody Seals Present?	□Yes	□No	DAYA				•
COMMENTS/SAMPL						F	ield Data Require	d? [Yes]No
					w illia		***************************************	
CLIENT NOTIFICATIO	N/RESOLUTION			Lo	t ID of s	plit containers:		
	·				· · · · · · · · · · · · · · · · · · ·			
Person contacted]:			Date/Time:				
Project Mana	ger SCURF Review:	·				Date:		
•	ger SRF Review:				- "	Date:		

Pace	DC#_Ittle: ENV-FRM-HUN1-0083 v02_Sample	Condition	Upon Recei	J		
HERMALIETT SERVICES	Effective Date: 11/14/2022					
within the acc	op half of box if pH and/or dechlorination is verified and eptance range for preservation samples. Official TOC, Official Grease, DRO/8015 (water) DOC, LLHg	Project #			,	
**Bottom half	of box is to list number of bottles					

1tem#	BP4U-125 mL Plastic Unpreserved (N/A) (Cl-)	BP3U-250 mL Plastic Unpreserved (N/A)	8P2U-500 mL Plastic Unpreserved (N/A)	8P1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP42-125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 inL Amber Unpreserved (N/A) {CI-}	AG15-1 liter Amber H25O4 (pH < 2)	AG35-250 mL Amber H2504 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA NA2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-S0 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A lab)	SP2T-250 mL Sterile Plastic (N/A lab)	BPIN	BP3R-250 mL Plastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		-	ì			X																		X				
2		- ((X																·	·	X				
3		1	ĺ			X																		X				
4			1			X																		X				
5		•	ţ			/				,									,		ĺ							
6																												
7																												
8																												
9																												
10																												
11																												
12																											-	

125		pH Ad	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
		AND				

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

***Check all unpreserved Nitrates for chlorine

Pace	DC#_Title: ENV-FRM-H	UN 1 0083 v 02	_Sample C	ondition Upon Receipt
WHITE IN STRUCTS	Effective Date: 11/14/2022	TTT CTT CTT CTT CTT CTT CTT CTT CTT CTT		642-04-144
aboratory rec	eiving samples:	**************************************		NOTION TO BE AND THE CONTRACT OF THE CONTRACT
Asheville 🗌	Eden Greenwood 🗌	Huntersville [Raleigh	Mechanicsville Atlanta Kernersville
Sample Condi Upon Receip		٥.	F	Project #:
Courier:	☐Fed Ex ☐UPS ☐Pace	USPS Other:	Citi	ent
Custody Seal Pre	sent? Yes No Sea	is Intact? —	es No	Date/Initials Person Examining Contents: 2/16/2
Packing Material Thermometer:				ther Biological Tissue Erozent Yes No N/A
Cooler Temp:	Correction Fact Add/Subtract			Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process has begun
	Soil (□ N/A, water sample) iginate in a quarantine zone within th □Yes □No	ne United States: CA,	. NY, or SC	Did samples originate from a foreign source (internationally, including Hawail and Puerto Rico)? Yes No
Chain of Cust	tody Present?	78 . C	les.	Comments/Discrepancy:
	ved within Hold Time?		Ino □n/a Ino □n/a	1.
	ime Analysis (<72 hr.)?		Mo □N/A	3.
	round Time Requested?		MO DIVA	4.
Sufficient Vo			No □N/A	S.
Correct Cont			No □N/A	6.
Containers in	tainers Used?]no	7.
	alysis: Samples Field Filtered?		NO □N/A	8.
	Is Match COC?	-/-	No □N/A	9
-includes I	Date/Time/ID/Analysis Matrix:	W		
Headspace in Trip Blank Pro	i VOA Vials (>S-6mm)? esent?		no On/a	10.
<u> </u>	stody Seals Present?	Yes [INO DAYA	
COMMENTS/SAMPL	E DISCREPANCY			Field Data Required? Yes No
	44-44-44			Lot ID of split containers:
LIENT NOTIFICATION	n/resolution		· ·	
Person contacted:			Date/Time	2;
Project Manag	er SCURF Review:			Date:
	or SRF Roview	goggene (AAA Ang Professorer groups of the second of the s		Date

Pace	DC#_Title: ENV-FRM-HUNT-0083 V02_Sample	• Condition t	Jpon Receipt	
FORGULE BLANE	Effective Date: 11/14/2022			
within the acc	op half of box if pH and/or dechlorination is verified and experience range for preservation samples. Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg	Project #		
**Bottom half	of box is to list number of bottles			

Levil	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)	BP45-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mt plastic HNO3 (pH < 2)	BP41-125 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) {CI-}	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H25O4 (pH < 2)	AG35-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4C! (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na25203 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP21-250 mL Sterile Plastic (N/A lab)	BAIN	BP3R-250 mL Plastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1			1			X										;								X				
2			}			X																		X				
3		1	1			\mathbb{Z}													·					X				
4		1	-			X																		2				
5			Ţ																									
6																												-
7																												
8																						<u> </u>						
9																					<u></u>							
10																												
11																											<u></u>	
12																												

		pH Ad	justment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot#
					·	
· · · · · · · · · · · · · · · · · · ·			- Internation			

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

***Check all unpreserved Nitrates for chlorine

Pace	DC#_Title: ENV-FR	M-HUN1-0083 v	/02_Sa	ample Co	Condition Upon Receipt	
entern ancer	Effective Date: 11/14/	2022				
aboratory rece Asheville Sample Condit Upon Receipt	Eden Greenwoo	d Huntersvil	ie 🗌	Raleigh[Mechanicsville Atlanta Project # WO#: 92652	
Courier: Commercial Custody Seal Pres	Fed Ex [JUPS JUSPS Other	:		PM: BV Dire Da	te: 03/02/23
Packing Material:	Bubble Wrap	☐Bubble Bags	□None		Date/Initials Person Examining Control ther Biological Tissue Fro ☐Yes ☐NO ☐N/	zen?
Cooler Temp: Cooler Temp Corre USDA Regulated S Did samples orig (check maps)? [Correction Add/Subsected (°C): ioil (\sum N/A, water sample) ginate in a quarantine zone wi	trace (°C) 10-	2	Wet □Blu - or SC	Temp should be above freezing to 6°C Samples out of temp criteria. Samples has begun Did samples originate from a foreign source including Hawaii and Puerto Rico)?	internationally,
And the state of t	BECOLU:				Comments/Discrepancy:	LNo
Chain of Custo	Oliveral Transcription of the Control of the Contro	— GYes	□No		1.	
7	ed within Hold Time?	—————————————————————————————————————	□No	<u>ADN/A</u>	³ 2.	
	me Analysis (<72 hr.)?	□Yes		□N/A	13.	**************************************
	ound Time Requested?	Pres	□No	□N/A	4.	
Sufficient Volu	***************************************	<u></u>	□No	□N/A	5.	***************************************
Correct Conta	iners Used? ainers Used?	I I	□N□	□n/a	6.	\$6.00 cm
Containers Int		Zyes Dyes	□No	□n/a	7.	
<u> </u>	lysis: Samples Field Filtered?	in the second second second second second second second second second second second second second second second	□No/	□N/A		
Sample Labels	annonne ment toerjanne mentemente erin erin erin erin erin erin erin erin	Ver Ves	No □No	□n/a □n/a	9.	
-Includes Da	ate/Time/ID/Analysis Matrix	· VV	2	1		·
Headspace in Y	VOA Vials (>5-6mm)? sent?	□ Yes □ Yes	□No □No	CHAIN/	10. 11.	
PERSONAL STATE OF COMPANY AND ADDRESS OF THE PERSONAL PROPERTY AND ADDRESS OF THE PER	tody Seals Present?	□Yes	□No	[QN/A		rêpo nemente
OMMENTS/SAMPLE	DISCREPANCY	12888			Field Data Required?	Yes No
IENT NOTIFICATION/	/RESOLUTION			Lo	ot ID of split containers:	· · · · · · · · · · · · · · · · · · ·
	TO THE RESIDENCE OF THE PARTY O					
Person contacted:	AMERICAN TO THE PROPERTY OF TH		, i	Date/Time:	· · · · · · · · · · · · · · · · · · ·	990000ywanoo00000000000000000000000000000000000
Project Manage	r SCURF Review:	Andrew State Control of the State of the Sta		an comment a reconstructive of the construction	Date:	NAME OF THE PARTY
Project Manage	r SRF Review:	2000 TO THE TOTAL THE TOTA			Date:	



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*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

Project #

WO#: 92652734 Date: 03/02/23

CLIENT: GA-GA Power

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

***Check all unpreserved Nitrates for chlorine

	8P4U-125 mL Plastic Unpreserved (N/A) (Cl-)	8P3U-250 mt Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP42-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (Ci-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CL-)	AG1H-1 liter Amber HCI (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H25O4 (pH < 2)	DG94-40 mL Amber NH4C! (N/A)(CI-)	DG9H-40 mL YOA HCI (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 lett)-VPH/Gas kit (N/A)	\$PST-125 mL Sterile Plastic (N/A ~ lab)	SPZT-250 mL Sterile Plastic (N/A lab)	BPZN	BP3R-250 mL Plastic (NH2)25O4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		T												1									***********	X	X			
2			ı										/							Available for specific				$\sum_{i=1}^{n}$	X			
3		1	i							-			\bigcap								1		***************************************	X				West and the second
4	\setminus																			_	\dashv			()	$\langle \cdot \rangle$		_	
5											$\overline{)}$	-	7		\Box		-			-		_		\leftarrow	$\langle \cdot \rangle$			
6	/				7	7	7	$\overline{}$			\bigcap		$\overline{}$	$\langle \cdot \rangle$	\vdash							+		$\langle \cdot \rangle$	$\langle \cdot \rangle$			
7							1						$\left\langle \cdot \right\rangle$	\leftarrow	$\langle \cdot \rangle$					_				\vdash	\downarrow		_	
8				-	1	$\langle \cdot \rangle$	\rightarrow	\vdash		k	+	_	\leftarrow	\leftarrow	4				-			l			\not			
9					1	$\langle \cdot \rangle$	+	$\left\langle \cdot \right\rangle$			1	-	X	$\overline{+}$	4		_		-					$\not\downarrow$	\angle			
10				_	\downarrow	X	\leftarrow		-		\downarrow	$\frac{1}{2}$	\downarrow		\downarrow	No.		-					Į.	\bigvee				
11		-			\downarrow	\downarrow	\downarrow	4	_		1		\downarrow		\searrow	-								V			Nime.	Action Conference
12	$ L_{j} $				\downarrow	\bigvee	\bigvee				$\sqrt{}$	ľ	\bigvee									**************************************	£		V			
1					7	<u>\</u>																						Baylonday period 1997 haste

		pH Ac	ijustment Log for Pres	served Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot#
		The state of the s				

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

Pace	DC#_Title: ENV-FR	M-HUN1-0083 v	r02_Sai	mple Coi	ndition Upon Receipt
SERVICE SERVES	Effective Date: 11/14/2	2022		The state of the s	2 22 2 20 20 20 20 20 20 20 20 20 20 20
Laboratory rece	Eden Greenwood	d Huntersvil	le 🔲	Raleigh _] Mechanicsville Atlanta Kernersville
Sample Condit Upon Receipt		ia Puù	Sev	Pro	oject#:
Courier:	Fed Ex	UPS USPS Other		General	t eventual and the second seco
Custody Seal Pres	sent? Yes No	Seals intact?	[]Yes	□No	Date/Initials Person Examining Contents: 2-17-23 f
Packing Material: Thermometer.	110: 230	Type of Ice	None ::	☐ Efthe	□Yes □No □N/A
Cooler Temp: Cooler Temp Corr USDA Regulated S		on Factor: otract (°C)	<u>}-</u>		Temp should be above freezing to 6°C ☐ Samples out of temp criteria. Samples on ice, cooling process has begun
Did samples or	iginate in a quarantine zone wi ☐Yes ☐No	ithin the United States	: CA, NY, o	rSC	Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐Yes ☐No
					Comments/Discrepancy:
Social Company of the	tody Present?		***************************************		1.
Samples Arriv	ved within Hold Time?	⊠Yes	, □no,/.	**************************************	2.
\$0000000000000000000000000000000000000	ime Analysis (<72 hr.)?	□Yey	940	□N/A	3.
Rush Turn Ar	round Time Requested?	- Kes	□No	□N/A	4.
Sufficient Vol	lume?	Brev .	□No	□N/A	5.
Correct Conta	ainers Used?	□ Was /	No	□n/a	5.
-Pace Con	tainers Used?	Elye	No	□n/a	
Containers In	itact?	⊡ Yes	ZINO/		7.
Dissolved and	alysis: Samples Field Filtered?		⊠ No	□n/a	8.
	is Match COC?	. (V) (Fes	□No	□n/A	9.
-Includes (Date/Time/ID/Analysis Matri	X: V X		-///	To AND TO A CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF THE CONTROL OF T
CONTRACTOR OF THE PROPERTY OF	yOA Vials (>5-6mm)?	□Yes	□No	anació de Califor de Californio de la companio de la companio	10.
Trip Blank Pro	esent?	∐Yes	□No	D//	11.
Trip Blank Cu COMMENTS/SAMPL	stody Seals Present? E DISCREPANCY	Yes	□No	PN/A	Field Data Required? ☐Yes ☐No
	,			_	
CLIENT NOTIFICATION	W/BESOUTHOM			اما	t ID of split containers:
	NY TRAVON'I NY INDISEE NY EE FARITSE NY EE F	ace of the size of the supplementary of the size of th		MEN AT AN AT THE STANDARD ST. ST. ST. ST. ST. ST. ST. ST. ST. ST.	TO THE RESIDENCE OF THE PROPERTY OF THE PROPER
Person contacted:	X60073236CUGCICROSS			Date/Time:	
Project Manag	ger SCURF Review:	NOV. 200. 2010 20 20 20 20 20 20 20 20 20 20 20 20 20	***************************************		Date:
Project Manag	ger SRF Review:				Date:



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*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

Project #

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

***Check all unpreserved Nitrates for chlorine

tem#	BP4U-125 mL Plastic Unpreserved (N/A) (G-)	6P3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H25Q4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 {pH < 2}	BP42-125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 (iter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2504 (pH < 2)	AG35-250 ml Amber H2504 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VCA HCI (N/A)	VG9T-40 mL VOA Na252O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 m1 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)	872N	BP3R-250 ml. Plastic (NH2)2SO4 (9.3-9.7)	AGOU-100 mi. Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1		1	***************************************																						X			
2			west results																					入				and the state of t
3																												The state of the s
4																											0.000	MACHINE AND AND AND AND AND AND AND AND AND AND
5																												and the state of t
6										****																		
7																											Control Control	
8														/											J			
9																									J			
10																									J		A PART OF THE PART	
11																									J		AL DESCRIPTION OF THE PROPERTY	
12																									J			

		рН Ас	justment Log for Pres	erved Samples		
Sample (D	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot#
						- Contraction of the Contraction
						p construction of the cons

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.

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relievant fields must be completed accurately.

*****							Pá
Section A Required Class Information		Section B Required Project Information	Section C Invoke Internation		Page:	of	
Craspany (Company Georgia Power-CCR	THE THE PARTY AND AND THE THE THE TAX AND	Attention: scsinvoices@southernco.com				
Address:	241 Ralph McGill Blvd Bin 10185	241 Ralph McGill Blvd Bin 10185 Copy To: WSP E&I (fika Wood) Contacts: Rhonda Quinn Company Name: Southern Company	Company Name: Southern Company	REGULATOR	IEGULATORY AGENCY		
,	Atlanta, GA 30308	Michelle Barker	Address:	NPDES	NPDES GROUND WATER DRINKING WATER	DRII	DRINKING WATER
Email To:	Email To: jabraham@scuthernco.com	Purchase Order No.	Pace Quois	LEST	RCRA		TRID CCT

Project Name Mitchell AP-A, AP-1, AP-2

⊤ ust

RCRA

OTHER

Š

					MIT-CCR		12	=	ā	50	•	7	6	6.	•	ű	1.5		ITEM#				und desi	0.100
		:			MIT-CCH-ASSMT-2023S1	ADDITIONAL COMMENTS								Commercial Control of the Control of	N T	ヌギオ	MIT	MIT	(A-Z 0-9 /-) Sampa iDs MUST BE UNIQUE	SAMBI III	Section D Required Clant Information		noquested bue batteri Ai:	
				ALL PROPERTY OF THE PROPERTY O		COMMENTS								***************************************	ードスー	1-Zd-	-02-1	-PZ-7D	I				TOURY	9
											-				જ	ix.	2		# R 3 9 \$ 3	WASTER WATER WWW PRODUCT P SOUND SE ONL ONL ONL ONL ONL ONL ONL ONL ONL ONL	Valid Matrix Codes NATRID CODE OSINGUE DAY		Project	rigida isane
-		:				Z									¥	Z	S.	E.		see valid code		1	Number:	140000
•				(A) Elevanores	٩	NOU				******					ଜ	9	Ū	(î	SAMPLE TYPE (G	≔GRAB C≖0	OMP)	1	612	N C
<u></u>	T			- Antibody Model Montenania	Tanial Howal/WSP	RELINQUISHED BY / AFFILIATION			y.										DATE	COMPOSITE START			Project Number: 6122160170	Milchell Ar-A, Ar-1, Ar-2
	_	SAMPLE		***************************************	2/W	FFILLATIC													e e) are	SOLL			A.1. P
SIGNATURE of SAMPLER:	PRINT Name of SAMPLER:	SAMPLER NAME AND SIGNATURE			· L	X									2521 12324	00HI 8751F	2115/25 10 H O	द्रमभा द्वर्याक्षम	CAT	COMPOSITE	COLLECTED			1
of SAMPL	of SAMPL	ANDIS GIV	***************************************		2/15/23/17/5	DATE					·				1525	1400	040	1442	TWE	67				
5		TURE			<u> </u>		Щ		_	4			-						SAMPLE TEMP AT	COLLECTION				
d	Ď		OU CONTRACTOR		73	12	_	_]								4		Λ	# OF CONTAINER	:S			ace P	Manage P
Barriel	Denie				G	THME	\dashv		_		-		-		M	۲	۲2	2	Unpreserved H ₂ SO ₄				Pace Profile #.	Manager:
P					1			_			_]				·.	4	N		HNO ₃		Pres			Bon
F	Ŀ		ı		1					1	1	1	1						NaOH		Preservativos		10834	Bonnie Vang
F	S S					ACCEPT	4	_		\dashv	_			_			4		Na ₂ S ₂ O ₃		ves.		7	ang.
1	4			1		EPTE	\dashv	┪	_	┪	-	┪	-	-			4		Methanol Other				1	
80				-	3	ED BY / AFFILIATION			•	•				2			I		LAnalysis Tes	1	Y/ N.	çë.	٧١	
E 2			1		14	AFF		Į	I	1					×	×	X	Z	31, F, SO4			æ		
DATE Signed		: :.	ı	ŀ	M	X	_	4	4	4					X	×	^		DS			Requested Analysis Filtered (Y/N)		
33				denders		₹	\dashv	_	+	+	4	_	4		×	×	4	main.	Appendix III/IV Metals Radium 9315/9320		-	98		
							┪	-	-	┪	┪	┪		┪	4	4	3-	Θ	490B0111 93131927Ct	Newson and the control of the		Q A		-
S					国	(47) (47)	~	1	7	1	1	1	寸	1		1	1		·			Ϋ́		Site Location
				į	-31	DATE		1														¥.	STATE:	8
15/22					加	ajii j		_		4	4	_	_	_	_	_				· ·		No.	77.	Ş
7			1		8		\dashv	-	-1	-+	+	-	-	-	_	_		-1	one of the second second			ď		
12					W		╌┼	┪	+	+	┪	+	\dashv	┥	-	-		-	Secretary residence of the secretary of			N	Ş	3
			1				1	_	\top	+	十	1	十	1	ᅥ	7	1	1					3	•
Ter	ווי לע	"C																	Residual Chlorini	e (Y/N)		13.5	l	
	aived # (Y/I)					SAM								- 1		I			B					
Custo	kdy Se ler (Y					SAMPLE CONDITIONS		***************************************							•	, t	7	692	Par Si					
	des ir (Y/N)	Naci				TIONS	-								2 000 2	6000 800 800 800 800 800 800 800 800 800	3	8	734			And the second		

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

9 10 Requested Due Date/FAT: Email To: Required Clent Information -CCR-A8SMT 202351 00 • 4 ITEM# ddress tequired Client information Section D (A-Z, 0-91,-)
Sample IDs MUST BE UNIQUE MIT-APAIZ-F8-01 MIT-MIT-PZ-32 jabraham@southernco.com Georgia Power-CCR 241 Ralph McGill Blvd Bin 10185 Atlanta, GA 30308 SAMPLE ID ADDITIONAL COMMENTS **PZ**-10 Oay Valid Matrix Codes

LATREY
LATREY
DRIVENO WATE
DWY
WATER
WATE
POOLOGI
OIL
WIPE
AR
OTHER
OT
155ULE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIGE
TISSULE

VOIG Report To: SCS Contacts Section B Required Project Information: Project Number: 6122160170 Durchase Order No. copy To: WSP E&I (fka Wood) Contacts: Rhonda Quinn themal thereon RELINQUISHED BY / AFFILIATION \$ E \$ **\$** MATRIX CODE (see valid codes to left) Michelle Barker 6 Mitchell AP-A, AP-1, AP-2 SAMPLE TYPE (G=GRAS C=COMP) 王起 DATE COMPOSITE START SAMPLER NAME AND SIGNATURE Z COLLECTED SIGNATURE OF SAMPLER: Down DI HOLLING PRINT Name of SAMPLER: Š WWZ3 ITOY 3/14/23 1422 DECE EXTEND 3/11/23 1045 ENDIGIPAR **区23** DATE SAMPLE TEMP AT COLLECTION Pace Quote Reference: Pace Project Company Name Southern Company Address # OF CONTAINERS S K Janie Unpreserved H₂SO₄ scsinvoices@southernco.com HNO₃ Preservatives Bonnie Vang Nava-k HCI NaOH Howar Na₂S₂O₃ ACCEPTED BY / AFFILIATION Methanol Other Analysis Test Y/ N CHAMINE CI, F, SO4 Requested Analysia Filtered (Y/N) DATE SIGNED DA/15/23 X TOS Appendix III/IV Metals X adium 9315/9320 REGULATORY AGENCY Site Location NPOES 8 STATE DATE THE RCRA GROUND WATER Page: ₽ Temp in '€ Residual Chlorine (Y/N) 000 1512 Ha Received on 7 Pace Project No./ Lab I.D. ٩ ice (YAN) SAMPLE CONDITIONS 2652734 Q DRINKING WATER OTER Custody Sea 75 Cooler (Y/N) Š (Y/Ni

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

Face Analytical

CHAIN-OF-CUSTODY / Analytical Request Document

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

MIT-CCR-ASSMT-202351 ಫ = z ITEM# mail To: € 04 Required Cligita Unformation: æ N equested Due Date/TAT: "MIT-PZ-19 MIT-NPAD-02 Section D Required Client Information (A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE jabraham@southemco.com Allanta, GA 30308 241 Ralph McGill Blvd Bin 10185 Georgia Power-CCR MITT-APAIR-FD-01 SAMPLE ID ADDITIONAL COMMENTS MIT-PZ-25 10 Day Valid Matrix Codes
MATRIX
CODE
DRIBING WATER
WATER
WATER WATER
WATER WATER
WATER
WATER WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WATER
WAT Project Number 6122160170 Copy To: WSP E&I (fika Wood) Contacts: Rhonda Quinn Required Project Information Section B Report To: SCS Contacts roject Name: urchase Order No. Denne ののの RELINQUISHED BY / AFFILIATION 200 MATRIX CODE (see valid codes to left) Michelie Barker Mitchell AP-A, AP-1, AP-2 SAMPLE TYPE (G#GRAB C=COMP) H-2011 W/W/SP 2/15/23 DATE START SAMPLER NAME AND SIGNATURE COLLECTED SIGNATURE of SAMPLER! PRINT Name of SAMPLER: 205/23 Sh.Zhfnfafr. 3/15/13/1040 DATE ENDGRAB į TIME DATE SAMPLE TEMP AT COLLECTION むの当事で 535 Paca Quote Reference Pace Project Company Name: ĺπ # OF CONTAINERS Attention, ddress H aniel Howerd Unpreserved H₂SO₄ HNO₃ Preservatives Bonnie Vang scsinvoices@southernco.com Mark Jump Southern Company HCI NaOH ACCEPTED BY AFFILIATION Na₂S₂O₃ Methanol Other Analysis Test Y/N DATE Signed CI, F, SO4 Requested Analysis Filtered (Y/N) TDS ×× Appendix III/IV Metals Radium 9315/9320 02/15/23 REGULATORY AGENCY UST Sita Location CD NPOES DATE STATE 116 Ċ, GROUND WATER TIME RCRA S Fage: Temp in *C Residual Chlorine (Y/N) 99.9 = H 0 24=7.02 PH=7.02 Received on Ice (Y/N) Pace Project No./ Lab I.D. SAMPLE CONDITIONS Ŗ OTHER DRINKING WATER Custody Sealed Codler (Y/N) Ø O Ô 800 (Y/N)

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

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Requested Analysis Filtered (Y/N)	Requested Due Date/TAT: 19 Day Project Number: 6122160170 Pace Profes F.	Fax: Project Name: Milchell AP-A, AP-1, AP-2 Pace Project Bonnie Vang Managor:	To: jabraham@southernco.com Purchase Order No. Pace Guide Reference:	Atlanta, GA 30308 Michelle Barker Address:	Sivd Bin 10185 Copy To: VVSP E&I (fka Wood) Contacts: Rhonda Quinn Company Name: Southern Company	Company Georgia Power-CCR Report To: SCS Contacts Attenion: scsinvoices@southernco.com	Section A Section B Section C Required Clant Information: Required Project Information:
d Analysis Filters	STATE:	Site Location	UST [NPDES	REGULATORY AGENCY	:	
M(Y) W		CA I	RCRA	NPDES GROUND WATER DRINKING W	AGENCY		Page:
	机电离电极电路		F OTHER CER	DRINKING W/			e e

			The state of the s			MIT-CCR-ASSMT-202351	ADDIT	12	**	10	*	a	7	a	5	アンガラ・		2 MT7-	1 MT-PZ	SAM Sample IDs M	Section D Required Client (a) formation	The second secon
		•.				**************************************	ADDITIONAL COMMENTS			- Thirthing management of the state of the s					1	-APAIR-ER-O	ヤノーノダ	アス・3	- 5	SAMPLE ID (A-Z, 0-9/-) Sample IDs MUST BE UNIQUE TRISHER TRISHER		
				THE THE PARTY OF T									With the second				E.	₹	H	WALER WATER WITH PRODUCT WATER WATER WATER WATER WATER WATER WATER WATER WATER WATER WATER COMMENTS OF THE PRODUCT WATER COMME	ara	
<u>inniversitaisis</u>	١						RELINQUISHED BY / AFFILIATION									0	MGG	<u> </u>	66	SAMPLE TYPE (G=GRAB C=COMPOSITE SHAFT		
SIGNATUI	PRINT No.	SAMPLER NAME AND SIGNATURE					SPELIATION							-		10.00	ph4j23	ورالدراد	2/14/2	TIME DATE	COLLECTED	
SIGNATURE of SAMPLER:	PRINT Name of SAMPLER:	AND SIGNATURE				()http://s/23	MIR											WW.5311405	\equiv	SAMPLE TEMP AT COLLECTION	- Company of the Comp	
F. CA	Daniel					71.5	TIME										2	डाय ड	5 N B	# OF CONTAINERS Unpreserved H ₂ SO ₄ HNO ₃ HCI	Prese	
生とん	bound				8	ell c	ACCEPTED													NaOH Na ₂ S ₂ O ₃ Methanol Other	Preservatives	
DATE Signer						7	TEO BY / AFFILIATION									XIXIX	XXXX	X	XXX	Analysis Test II, F, 504 IDS Appendix III/IV Metals Redum 9315/9320	YIN	1
BATE Signed 02/15/23					1 1 1	12/12	atvo											×		PARTIE OF THE STAT		sedinaster Cierania especial
_	ni qm	*				12021																
Rec	beviec AY) ex	an I)					SAMPLE (7. = H.C.	6 <i>H</i> = 7		Residual Chlorine (Y/N)	多种基础	
Sam	ody Si oter (Y ples ii (YN)	/N)					Sample Conditions									016	7,04 O15	1.09 1014	.43 <i>© 13</i>	MGS-734 Pace Project No.1 Lab I.D.	电影影响 医多数	

jabraham@southernco.com

ust

NPDES GROUND WATER CORINKING WATER

OTHER OCR

Puschase Order No.

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fletds must be completed occurately.

7777			
	Section B Required Project Information:	Section C	Page: of
Company: Georgia Power-CCR	Report To: SCS Contacts	Attention scsinvoices@southernco.com	
Address 241 Raiph McGill Blvd Bin 10185	Address: 241 Raiph McGill Blvd Bin 10185 Copy To: WSP E&I (fka Wood) Contacts: Rhonda Quinn Company Name: Southern Company	Company Name: Southern Company	REGULATORY AGENCY
Atlanta, GA 30308	Michelle Barker	Addess	NPDES GROUND WATER CORINKING WATE

ATURE OF SAMPLER: Name of SAM						ton 1 - Con		23	=	10	*	-	7	6	4		3	2	-	ITEM #			Ì	Na Acco	Recues
TO SAMPLET HAME AND SIGNATURE SOMMUTED SOMMU					į	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ADDITIONAL										H	77	TT	(A-Z 04/ Sample IDs MUST B		Section D Regulard Client Information		and but butter the	***************************************
SAMPLE RIMANE AND SIGNATURE SAMPLE RIMANE AN						And Management of Asia Lands of Contract o	COMMENTS										1	71	77					i Cosy	10 Day
SAMPLE TYPE (G-GRAB C=COMP) COLLECTED COLL					_													02	-02					Proje	, i
SAMPLE TYPE (G-GRAB C=COMP) COLLECTED COLL					***************************************	Tr.	是	L									E	Z	£	MATRIX CODE	(see veid code			CT NUMBER	Flojeci Name
ANTURE OF SAMPLE TEMP AT COLLECTION A			-				ĕ										O	9	ত	SAMPLETYPE (C	-CRAB C-C	OMP)		612	
ANTURE OF SAMPLE TEMP AT COLLECTION A	p					į	SHED BY / A													DATE	evis oundo			2160170	Mitchell AP-A, AP-1, AP-2
ANTURE OF SAMPLE TEMP AT COLLECTION A	<u>s</u>	70	SAMPLER			E	FFILLATIO			_					oromo e			L	: 1	M.	7 16	COLLE		A TRACT FOR DESIGNATION AND AND AND AND AND AND AND AND AND AN	AP-1, A
Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N)	IGNATURE	amen tare	NAME AN			E	2									·····	1/16/23		EZANIA	DATE	COMPOS	CTED			2-2
Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N) Temp in "C Residual Chlorine (Y/N)	of SAMPL	of SAMPLI	D SIGNAT		Constitution of the Consti	1116/2	DATE						-				1108	SP-60	085p	T .	⊕ #				
Perservatives W HNO3 HCI NaOH Na2S2O3 Methanol Other JAnalysis Test. W N I ACCEPTED BY AFFILLATION ACCEPTED BY	Ä.,	æ	E E		_					-	1	_	-	┥			,				WY WY WY WY WY WY WY WY WY WY WY WY WY W			- 2	FI
Perservatives W HNO3 HCI NaOH Na2S2O3 Methanol Other JAnalysis Test. W N I ACCEPTED BY AFFILLATION ACCEPTED BY	7	ø				6	T.	_				_	-	-							(S	1		Cs Pro	rager Pio
HCI NaOH Nappolos Nap	E.	5.	ı			<u> </u>	П				1		_	1				J		H₂SO₄				ia **	3
Methanol Other JAnalysis Test JAnalysis Test VINI XXX 51,F, 904 XXX 70S XXX Appendix III/IV Metals XXX Appendix III/IV Metals XXX Radium 9315/9320 DATE TIME Residual Chlorine (Y/N) Residual Chlorine (Y/N)	L					9				-	_		-		-		نئ	(Ju	3			rese			Bonnie Vang
Methanol Other JAnalysis Test JAnalysis Test VINI XXX 51,F, 904 XXX 70S XXX Appendix III/IV Metals XXX Appendix III/IV Metals XXX Radium 9315/9320 DATE TIME Residual Chlorine (Y/N) Residual Chlorine (Y/N)	7	Ŧ			Ì	18				1	1	1	1	1	1					NaOH		vativ			e Va
Temp in "C Other I Analysis Test! VINI Regulated Analysis Fillered (VIN) Proposition of the signed Analysis Fillered (VIN) Residual Chlorine (VIN) Residual Chlorine (VIN)	À	2			ı		, C C C			-	-	-	-	+	-	-					~~~~~~	89			3
Temp in *C Residual Chlorine (Y/N) Received on	60	7				*	936							_	~~~					Other					
Temp in *C Residual Chlorine (Y/N) Received on	-	S				V	BY / /			·				7	:				*********		tl .	Y/ N.			
Temp in *C Residual Chlorine (Y/N) Received on	DATE						1			┥	-	-		┪	-		H	X			***************************************		₹		
Temp in *C Residual Chlorine (Y/N) Received on	Slgr					1	Ã,			1	1	1		1	7		Ħ	X	277				Sent F		
Temp in *C Residual Chlorine (Y/N)	7. B		ı				2										X		_	Radium 9315/9320			Dec.		L
Temp in *C Residual Chlorine (Y/N)	2										_			_									D.		ş
Temp in *C Residual Chlorine (Y/N)					9	7	2	Н		\dashv	-		-	+	-	_	-		\dashv				Sis	ST	Ě
Temp in *C Residual Chlorine (Y/N)	-					13	<u>-</u>		1	1	1		7	7		_				K MAN AND DOCK TO COMMENCE OF THE LOCK OF			Fille	ATE:	atton
Temp in *C Residual Chlorine (Y/N)	2				1	5				T	1		I	1									Š		
Temp in *C Residual Chlorine (Y/N)			1			į.	Ĭ,			_	_		1	_									ž	Ш.	_
Residual Chlorine (Y/N)						1				-					-				-			-			Þ.
Received on P = 2	Ten	np in '	·c					Н		_		+	+	1	1		1	_	\dashv	Residual Chlorin	e (Y/N)	\$4.56		age and a	
Tricontrol or 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	<u> </u>				1			H		7	1	7	1	7	1	7	5			~~		100			H
Custody Sealed Cooler (Y/N) Samples Intect (Y/N)							<u> </u>	ŀ		1			1	l			I			A a	:				
Coder (Y/N) Samples Intect (Y/N)	-		-		1		PPLE					l				I	7			<u> </u>	:		10		
Samples Intect (Y/N)							Q					l	1				اغ	م	ام	<i>ેવ</i> ક્રુ					
Samples Intect (Y/N)	<u> </u>		+		+	_	OMIC					I	l				ا د	7	3	ž 7					
(Y/N) 1-10 1		den t	اا	I		**************************************	Ř										少	20	7	<u>-</u> ω					
										. [Ì		l			Ī	9			5					
				l]										[•					

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Cuslody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

		b common or our own				WIT-CCR		12	1.	ē	9		7	•	a		ü	N	_	ITEM#	wan/wasanan		Ī	Request	Email (o.		Address:	Сопрапу	Section A Required C	
					Services and the services of t	MIT-CGR-ASSMT-2023S1	ADDITIONAL COMMENTS												WZ1-52-12	SAMPLE ID WITE OF CALLED O	Required Client Information <u>HATRIX COUS</u> CONSUM WATER DAY WATER			Requested Due Date/TAT: 10 Day	jabranam@soi		241 Raiph McGill Blvd Bin 10185		<u> </u>	Pace Analytical
		***************************************			F	£														급 C A A A A C 은 모 W W W	. ¥ 10 €	_		Project Number	Purchase Order No.		Copy To: 1	Report To: 5	Section B Required Pr	
			garament and a second	cate the second		G LL	RELINGUISHED BY / AFFILIATION											1966	₩6 G	MATRIX CODE (also valid co SAMPLE TYPE (G=GRAB C	lands bear			7	1 =	Michelle Barker	WSP E&I (fka Wood) Contacts: Rhonda Quinn	Report To: SOS Contacts	Section B Required Project Information	
		SAMPLE	***************************************			뉙	BY / AFFILIATIO			-										COMPOSITE START	COLU			MICHEII AP-A, AP-1, AP-2		er .	Wood) Cont			
SIGNATURE of SAMPLER:	PRINT Nume of SAMPLER:	SAMPLER NAME AND SIGNATURE			1	-												2/W/23 /	* Ed */k	сомпозте вноперав подерав	COLLECTED			P-2			acts: Rhonda			CHAIN-OF-CUSTODY / Analytical Request Docume: The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.
SAMPLE	SAMPLE	SGNAT			21/4/2	11.10	DATE											为4K	040	SAMPLE TEMP AT COLLECTION							Quino			OF-C
		8		-											-			n			714	-	H	0 ≩ ∑	2 2	<u>}</u>	ဂ္ဂ	Ą	i v	ii US
1	7			1	16/2	-	TIME						_					7	5 2	# OF CONTAINERS Unpreserved		-		Manager Pace Profile #	Reference:	Address:	Company Name:	Attention: scs	Section C Invoice into	<u>6</u> 7
12	3				ľ	٨														H₂SO₄	1						Nam		To C	8 5
- -E	-	ſ			-													w	بتر	HNO ₃	Preservatives	ŀ		Bon				SCS	ation:	
7 3	티			1	1		24.34 [33.4		-	•			_				_	_		HCI NaOH	- 28	1		Bonnie Vang			out	JOAU		. Ta
E				ı	ſ	`	2						7							Na ₂ S₂O₃	- Še	1)amg) em	es(i		¥ \
F Base		1	1	1	4		CEPI													Methanol							Corr	scsinvoices@sout		<u>a</u> C2
7			1	1			E0 B				L									Other Analysis Test	Y/ N	╁					Southern Company	herr		,
_		1		ı		ı	ACCEPTED BY / AFFILIATION				П							X		CI. F. SO4		2					`	vernco.com		Request Document ds must be completed accurately.
DATE Signed		1			ľ	1	FILE												X	ros		Requested Analysis Filtered (Y/N)						9		8 8
Ş		ı		ı			10						-					λ.	×	Appendix (II/AV Metals										₹ C
1			.											_				X,	X	Radium 9315/9320		Š	L	1_	Ļ		-			# O
3						-					_	Н	Ц	_		Ч		_				┤┋		8			ξ			
				-1	-		DATE						\dashv	-	-							- =	STATE	Site Location	ধ্	NPDES	REGULATORY AGENCY			₹ 6
			1		Į,	1	Ē						7									7₹	İ	ğ		Ö	Q X			_
N		1			- 1	~																Ę	Γ			- 1.	Y A			
N			l		- [;	1.10	TIME						_									- 3		0	RCR.▲	S	Ñ.	1	Ī	i
		-							_		Н		-	_										§.	[돌	¥		зебед	
Temp	in "(١			1			Н				Н	ᅥ							Residual Chlorine (Y/N)						GROUND WATER	100			
Recei	ved o		1			1	SA.											T	Hal						य	Ë			-	
ustod Coale	y Sea	bela	-				SAMPLE CONDITIONS											E713	=7.14	Pale Project N					OTHER	DRINKING WATER			બ]	
Sample Y		act.					ONS											02	020	1734 W Labilo.					CCR	WATER				Page 68 of 68





March 29, 2023

Michelle Barker WOOD E&I 1075 Big Shanty Rd Suite 100 Kennesaw, GA 30144

RE: Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Dear Michelle Barker:

Enclosed are the analytical results for sample(s) received by the laboratory between February 16, 2023 and February 17, 2023. 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)875-9092

Bonnie Vary

Project Manager

Enclosures

cc: Joju Abraham, Georgia Power-CCR
Noelia Gangi, Georgia Power
Ben Hodges, Georgia Power-CCR
Kristen Jurinko
Laura Midkiff, Georgia Power
Rhonda Quinn, WSP
Michael Smilley, Georgia Power
Tina Sullivan, ERM
Greg Wrenn, WOOD E&I





CERTIFICATIONS

Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Pace Analytical Services Pennsylvania

1638 Roseytown Rd Suites 2,3&4, Greensburg, PA 15601

ANAB DOD-ELAP Rad Accreditation #: L2417

Alabama Certification #: 41590 Arizona Certification #: AZ0734

Arkansas Certification

California Certification #: 04222CA Colorado Certification #: PA01547 Connecticut Certification #: PH-0694

Delaware Certification EPA Region 4 DW Rad

Florida/TNI Certification #: E87683 Georgia Certification #: C040 Florida: Cert E871149 SEKS WET

Guam Certification Hawaii Certification Idaho Certification Illinois Certification Indiana Certification Iowa Certification #: 391

Kansas/TNI Certification #: E-10358 Kentucky Certification #: KY90133 KY WW Permit #: KY0098221 KY WW Permit #: KY0000221

Louisiana DHH/TNI Certification #: LA180012 Louisiana DEQ/TNI Certification #: 4086

Maine Certification #: 2017020 Maryland Certification #: 308

Massachusetts Certification #: M-PA1457 Michigan/PADEP Certification #: 9991 Montana Certification #: Cert0082 Nebraska Certification #: NE-OS-29-14 Nevada Certification #: PA014572018-1 New Hampshire/TNI Certification #: 297617

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

Missouri Certification #: 235

Oregon/TNI Certification #: PA200002-010 Pennsylvania/TNI Certification #: 65-00282 Puerto Rico Certification #: PA01457 Rhode Island Certification #: 65-00282

South Dakota Certification
Tennessee Certification #: 02867

Texas/TNI Certification #: T104704188-17-3
Utah/TNI Certification #: PA014572017-9
USDA Soil Permit #: P330-17-00091
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 Wyoming Certification #: 8TMS-L



SAMPLE SUMMARY

Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92652738001	MIT-PZ-7D	Water	02/15/23 14:42	02/16/23 12:08
92652738002	MIT-PZ-16	Water	02/15/23 10:40	02/16/23 12:08
92652738003	MIT-PZ-15	Water	02/15/23 14:00	02/16/23 12:08
92652738004	MIT-PZ-18	Water	02/15/23 15:35	02/16/23 12:08
92652738005	MIT-APA12-FB-01	Water	02/14/23 10:45	02/16/23 12:08
92652738006	MIT-PZ-2D	Water	02/14/23 12:20	02/16/23 12:08
92652738007	MIT-PZ-32	Water	02/14/23 14:22	02/16/23 12:08
92652738008	MIT-PZ-23A	Water	02/14/23 17:04	02/16/23 12:08
92652738009	MIT-PZ-1D	Water	02/14/23 11:45	02/16/23 12:08
92652738010	MIT-PZ-31	Water	02/14/23 14:05	02/16/23 12:08
92652738011	MIT-PZ-14	Water	02/14/23 15:40	02/16/23 12:08
92652738012	MIT-APA12-EB-01	Water	02/15/23 08:40	02/16/23 12:08
92652738013	MIT-PZ-25	Water	02/15/23 10:40	02/16/23 12:08
92652738014	MIT-APA12-FD-02	Water	02/15/23 00:00	02/16/23 12:08
92652738015	MIT-PZ-19	Water	02/15/23 12:45	02/16/23 12:08
92652738016	MIT-APA12-FD-01	Water	02/15/23 00:00	02/16/23 12:08
92652738017	MIT-APA12-EB-02	Water	02/16/23 08:50	02/17/23 11:04
92652738018	MIT-APA12-FB-02	Water	02/16/23 09:45	02/17/23 11:04
92652738019	MIT-PZ-57	Water	02/16/23 11:08	02/17/23 11:04
92652738020	MIT-PZ-17	Water	02/16/23 10:40	02/17/23 11:04
92652738021	MIT-PZ-33	Water	02/16/23 13:45	02/17/23 11:04



SAMPLE ANALYTE COUNT

Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92652738001	MIT-PZ-7D	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738002	MIT-PZ-16	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738003	MIT-PZ-15	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738004	MIT-PZ-18	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738005	MIT-APA12-FB-01	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738006	MIT-PZ-2D	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738007	MIT-PZ-32	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738008	MIT-PZ-23A	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738009	MIT-PZ-1D	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738010	MIT-PZ-31	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738011	MIT-PZ-14	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738012	MIT-APA12-EB-01	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
	MIT-PZ-25	EPA 9315	SLC	1	PASI-PA



SAMPLE ANALYTE COUNT

Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
	_	EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738014	MIT-APA12-FD-02	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738015	MIT-PZ-19	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738016	MIT-APA12-FD-01	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
2652738017	MIT-APA12-EB-02	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
2652738018	MIT-APA12-FB-02	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738019	MIT-PZ-57	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738020	MIT-PZ-17	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JGH	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA
92652738021	MIT-PZ-33	EPA 9315	SLC	1	PASI-PA
		EPA 9320	JJS1	1	PASI-PA
		Total Radium Calculation	LAL	1	PASI-PA

PASI-PA = Pace Analytical Services - Greensburg



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92652738001	MIT-PZ-7D					
EPA 9315	Radium-226	0.0854 ± 0.0978	pCi/L		03/14/23 08:55	
EPA 9320	Radium-228	(0.201) C:91% T:NA 0.411 ± 0.329 (0.644)	pCi/L		03/06/23 15:56	
Total Radium Calculation	Total Radium	C:80% T:84% 0.496 ± 0.427 (0.845)	pCi/L		03/14/23 14:07	
92652738002	MIT-PZ-16	()				
EPA 9315	Radium-226	0.0138 ± 0.0688 (0.179) C:87% T:NA	pCi/L		03/14/23 08:55	
EPA 9320	Radium-228	0.131 ± 0.341 (0.765) C:79%	pCi/L		03/06/23 15:56	
Total Radium Calculation	Total Radium	T:85% 0.137 ± 0.410 (0.944)	pCi/L		03/14/23 14:07	
92652738003	MIT-PZ-15					
EPA 9315	Radium-226	0.123 ± 0.106 (0.187) C:78% T:NA	pCi/L		03/14/23 08:55	
EPA 9320	Radium-228	0.752 ± 0.467 (0.872) C:75%	pCi/L		03/06/23 15:53	
Total Radium Calculation	Total Radium	T:81% 0.875 ± 0.573 (1.06)	pCi/L		03/14/23 14:07	
92652738004	MIT-PZ-18					
EPA 9315	Radium-226	-0.0141 ± 0.0558 (0.172) C:93% T:NA	pCi/L		03/14/23 08:55	
EPA 9320	Radium-228	0.828 ± 0.384 (0.615) C:77% T:90%	pCi/L		03/06/23 15:53	
Total Radium Calculation	Total Radium	0.828 ± 0.440 (0.787)	pCi/L		03/14/23 14:07	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92652738005	MIT-APA12-FB-01			<u> </u>		
EPA 9315	Radium-226	0.0582 ± 0.104	pCi/L		03/14/23 09:12	
EPA 9320	Radium-228	(0.237) C:94% T:NA 0.337 ± 0.325	pCi/L		03/06/23 15:53	
Total Radium Calculation	Total Radium	(0.661) C:77% T:88% 0.395 ± 0.429 (0.898)	pCi/L		03/14/23 14:07	
92652738006	MIT-PZ-2D					
EPA 9315	Radium-226	0.0630 ± 0.0833 (0.175)	pCi/L		03/14/23 08:29	
EPA 9320	Radium-228	C:88% T:NA 0.423 ± 0.345 (0.678)	pCi/L		03/06/23 15:53	
Total Radium Calculation	Total Radium	C:73% T:93% 0.486 ± 0.428 (0.853)	pCi/L		03/14/23 14:07	
92652738007	MIT-PZ-32	(0.000)				
EPA 9315	Radium-226	0.00696 ± 0.0488 (0.136)	pCi/L		03/14/23 08:29	
EPA 9320	Radium-228	C:94% T:NA 0.144 ± 0.414 (0.924) C:77%	pCi/L		03/06/23 15:53	
Total Radium Calculation	Total Radium	T:90% 0.151 ± 0.463 (1.06)	pCi/L		03/14/23 14:07	
92652738008	MIT-PZ-23A					
EPA 9315	Radium-226	0.250 ± 0.122 (0.136) C:95% T:NA	pCi/L		03/14/23 08:29	
EPA 9320	Radium-228	0.271 ± 0.357 (0.762) C:79%	pCi/L		03/06/23 15:53	
Total Radium Calculation	Total Radium	T:96% 0.521 ± 0.479 (0.898)	pCi/L		03/14/23 14:07	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab Sample ID	Client Sample ID					
Method	Parameters —	Result	Units	Report Limit	Analyzed	Qualifiers
2652738009	MIT-PZ-1D					
EPA 9315	Radium-226	0.0514 ± 0.0827 (0.183)	pCi/L		03/14/23 08:29	
EPA 9320	Radium-228	C:92% T:NA 0.268 ± 0.412 (0.891) C:80%	pCi/L		03/06/23 15:53	
Total Radium Calculation	Total Radium	T:92% 0.319 ± 0.495 (1.07)	pCi/L		03/14/23 14:07	
2652738010	MIT-PZ-31					
EPA 9315	Radium-226	0.102 ± 0.0874 (0.151) C:95% T:NA	pCi/L		03/14/23 08:41	
EPA 9320	Radium-228	-0.129 ± 0.379 (0.896) C:78% T:95%	pCi/L		03/06/23 15:54	
Total Radium Calculation	Total Radium	0.102 ± 0.466 (1.05)	pCi/L		03/14/23 14:07	
92652738011	MIT-PZ-14					
EPA 9315	Radium-226	0.0857 ± 0.0839 (0.156) C:92% T:NA	pCi/L		03/14/23 08:41	
EPA 9320	Radium-228	-0.301 ± 0.335 (0.840) C:79% T:84%	pCi/L		03/06/23 15:54	
Total Radium Calculation	Total Radium	0.0857 ± 0.419 (0.996)	pCi/L		03/14/23 14:07	
2652738012	MIT-APA12-EB-01					
EPA 9315	Radium-226	0.0601 ± 0.0705 (0.136) C:92% T:NA	pCi/L		03/14/23 08:41	
EPA 9320	Radium-228	0.205 ± 0.287 (0.616) C:82% T:97%	pCi/L		03/06/23 15:54	
Total Radium Calculation	Total Radium	0.265 ± 0.358 (0.752)	pCi/L		03/14/23 14:07	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92652738013	MIT-PZ-25					
EPA 9315	Radium-226	0.343 ± 0.146	pCi/L	(03/14/23 08:42	
EPA 9320	Radium-228	(0.150) C:93% T:NA 0.141 ± 0.292 (0.646)	pCi/L	(03/06/23 15:54	
Total Radium Calculation	Total Radium	(0.040) C:82% T:89% 0.484 ± 0.438 (0.796)	pCi/L	(03/14/23 14:07	
92652738014	MIT-APA12-FD-02					
EPA 9315	Radium-226	0.203 ± 0.141 (0.253)	pCi/L	(03/14/23 08:42	
EPA 9320	Radium-228	C:93% T:NA 0.555 ± 0.359 (0.672) C:82%	pCi/L	C	03/06/23 15:54	
Total Radium Calculation	Total Radium	7:90% 0.758 ± 0.500 (0.925)	pCi/L	C	03/14/23 14:07	
92652738015	MIT-PZ-19	(5:5=5)				
EPA 9315	Radium-226	0.147 ± 0.109 (0.184)	pCi/L	(03/14/23 08:42	
EPA 9320	Radium-228	C:93% T:NA 0.505 ± 0.430 (0.864) C:71%	pCi/L	(03/06/23 15:54	
Total Radium Calculation	Total Radium	T:87% 0.652 ± 0.539 (1.05)	pCi/L	(03/14/23 14:07	
92652738016	MIT-APA12-FD-01					
EPA 9315	Radium-226	0.199 ± 0.118 (0.176) C:95% T:NA	pCi/L	(03/14/23 08:42	
EPA 9320	Radium-228	0.190 ± 0.307 (0.667) C:78%	pCi/L	(03/06/23 15:54	
Total Radium Calculation	Total Radium	T:93% 0.389 ± 0.425 (0.843)	pCi/L	(03/14/23 14:07	

REPORT OF LABORATORY ANALYSIS



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab Sample ID	Client Sample ID						
Method	Parameters	Result	Units	Report Limit	Analyzed	Qualifiers	
92652738017	MIT-APA12-EB-02						
EPA 9315	Radium-226	0.0594 ± 0.0711 (0.141)	pCi/L		03/14/23 08:32		
EPA 9320	Radium-228	C:98% T:NA -0.444 ± 0.358 (0.887) C:81%	pCi/L		03/06/23 15:55		
Total Radium Calculation	Total Radium	T:93% 0.0594 ± 0.429 (1.03)	pCi/L		03/14/23 14:07		
2652738018	MIT-APA12-FB-02						
EPA 9315	Radium-226	0.0113 ± 0.0486 (0.130) C:96% T:NA	pCi/L		03/14/23 08:32		
EPA 9320	Radium-228	0.441 ± 0.444 (0.922) C:76%	pCi/L		03/06/23 15:55		
Total Radium Calculation	Total Radium	T:87% 0.452 ± 0.493 (1.05)	pCi/L		03/14/23 14:07		
92652738019	MIT-PZ-57						
EPA 9315	Radium-226	0.193 ± 0.116 (0.165) C:87% T:NA	pCi/L		03/14/23 08:32		
EPA 9320	Radium-228	-0.0690 ± 0.345 (0.809) C:84% T:91%	pCi/L		03/06/23 15:55		
Total Radium Calculation	Total Radium	0.193 ± 0.461 (0.974)	pCi/L		03/14/23 14:07		
2652738020	MIT-PZ-17						
EPA 9315	Radium-226	0.109 ± 0.0885 (0.139) C:87% T:NA	pCi/L		03/14/23 08:32		
EPA 9320	Radium-228	0.0196 ± 0.360 (0.826) C:83% T:95%	pCi/L		03/06/23 15:55		
Total Radium Calculation	Total Radium	0.129 ± 0.449 (0.965)	pCi/L		03/14/23 14:07		



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Lab Sample ID Method	Client Sample ID Parameters	Result	Units	Report Limit	Analyzed	Qualifiers
92652738021	MIT-PZ-33					
EPA 9315	Radium-226	0.120 ± 0.0901 (0.143) C:93% T:NA	pCi/L		03/14/23 08:55	
EPA 9320	Radium-228	0.645 ± 0.333 (0.560) C:81% T:92%	pCi/L		03/03/23 15:01	
Total Radium Calculation	Total Radium	0.765 ± 0.423 (0.703)	pCi/L		03/14/23 15:02	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-7D PWS:	Lab ID: 92652 Site ID:	2738001 Collected: 02/15/23 14:42 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0854 ± 0.0978 (0.201) C:91% T:NA	pCi/L	03/14/23 08:5	5 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.411 ± 0.329 (0.644) C:80% T:84%	pCi/L	03/06/23 15:50	6 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.496 ± 0.427 (0.845)	pCi/L	03/14/23 14:0	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-16 PWS:	Lab ID: 9265273 Site ID:	38002 Collected: 02/15/23 10:40 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Ser	rvices - Greensburg				
Radium-226	EPA 9315	0.0138 ± 0.0688 (0.179) C:87% T:NA	pCi/L	03/14/23 08:55	5 13982-63-3	
	Pace Analytical Ser	rvices - Greensburg				
Radium-228	EPA 9320	0.123 ± 0.341 (0.765) C:79% T:85%	pCi/L	03/06/23 15:56	5 15262-20-1	
	Pace Analytical Ser	rvices - Greensburg				
Total Radium	Total Radium Calculation	0.137 ± 0.410 (0.944)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-15 PWS:	Lab ID: 9265 Site ID:	2738003 Collected: 02/15/23 14:00 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				,
Radium-226	EPA 9315	0.123 ± 0.106 (0.187) C:78% T:NA	pCi/L	03/14/23 08:55	5 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.752 ± 0.467 (0.872) C:75% T:81%	pCi/L	03/06/23 15:53	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.875 ± 0.573 (1.06)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-18 PWS:	Lab ID: 92652 Site ID:	738004 Collected: 02/15/23 15:35 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical S	Services - Greensburg			-	
Radium-226	EPA 9315	-0.0141 ± 0.0558 (0.172) C:93% T:NA	pCi/L	03/14/23 08:55	13982-63-3	
	Pace Analytical S	Services - Greensburg				
Radium-228	EPA 9320	0.828 ± 0.384 (0.615) C:77% T:90%	pCi/L	03/06/23 15:53	15262-20-1	
	Pace Analytical S	Services - Greensburg				
Total Radium	Total Radium Calculation	0.828 ± 0.440 (0.787)	pCi/L	03/14/23 14:07	7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-APA12-FB-01 PWS:	Lab ID: 9265 Site ID:	2738005 Collected: 02/14/23 10:45 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0582 ± 0.104 (0.237) C:94% T:NA	pCi/L	03/14/23 09:12	2 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.337 ± 0.325 (0.661) C:77% T:88%	pCi/L	03/06/23 15:53	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.395 ± 0.429 (0.898)	pCi/L	03/14/23 14:07	7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-2D PWS:	Lab ID: 9265 2 Site ID:	2738006 Collected: 02/14/23 12:20 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0630 ± 0.0833 (0.175) C:88% T:NA	pCi/L	03/14/23 08:29	9 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.423 ± 0.345 (0.678) C:73% T:93%	pCi/L	03/06/23 15:53	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.486 ± 0.428 (0.853)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-32 PWS:	Lab ID: 9265 Site ID:	2738007 Collected: 02/14/23 14:22 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				,
Radium-226	EPA 9315	0.00696 ± 0.0488 (0.136) C:94% T:NA	pCi/L	03/14/23 08:29	9 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.144 ± 0.414 (0.924) C:77% T:90%	pCi/L	03/06/23 15:53	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.151 ± 0.463 (1.06)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-23A PWS:	Lab ID: 926527 3 Site ID:	38008 Collected: 02/14/23 17:04 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Se	rvices - Greensburg				
Radium-226	EPA 9315	0.250 ± 0.122 (0.136) C:95% T:NA	pCi/L	03/14/23 08:29	13982-63-3	
	Pace Analytical Se	rvices - Greensburg				
Radium-228	EPA 9320	0.271 ± 0.357 (0.762) C:79% T:96%	pCi/L	03/06/23 15:53	3 15262-20-1	
	Pace Analytical Se	rvices - Greensburg				
Total Radium	Total Radium Calculation	0.521 ± 0.479 (0.898)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-1D PWS:	Lab ID: 9265 Site ID:	2738009 Collected: 02/14/23 11:45 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0514 ± 0.0827 (0.183) C:92% T:NA	pCi/L	03/14/23 08:29	9 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.268 ± 0.412 (0.891) C:80% T:92%	pCi/L	03/06/23 15:53	3 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.319 ± 0.495 (1.07)	pCi/L	03/14/23 14:0	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-31 PWS:	Lab ID: 9265 . Site ID:	2738010 Collected: 02/14/23 14:05 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.102 ± 0.0874 (0.151) C:95% T:NA	pCi/L	03/14/23 08:41	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	-0.129 ± 0.379 (0.896) C:78% T:95%	pCi/L	03/06/23 15:54	15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.102 ± 0.466 (1.05)	pCi/L	03/14/23 14:07	7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-14 PWS:	Lab ID: 9265 Site ID:	2738011 Collected: 02/14/23 15:40 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0857 ± 0.0839 (0.156) C:92% T:NA	pCi/L	03/14/23 08:4	1 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	-0.301 ± 0.335 (0.840) C:79% T:84%	pCi/L	03/06/23 15:54	4 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.0857 ± 0.419 (0.996)	pCi/L	03/14/23 14:0	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-APA12-EB-01 PWS:	Lab ID: 9265 2 Site ID:	2738012 Collected: 02/15/23 08:40 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0601 ± 0.0705 (0.136) C:92% T:NA	pCi/L	03/14/23 08:41	13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.205 ± 0.287 (0.616) C:82% T:97%	pCi/L	03/06/23 15:54	15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.265 ± 0.358 (0.752)	pCi/L	03/14/23 14:07	7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-25 PWS:	Lab ID: 9265 Site ID:	2738013 Collected: 02/15/23 10:40 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.343 ± 0.146 (0.150) C:93% T:NA	pCi/L	03/14/23 08:42	2 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.141 ± 0.292 (0.646) C:82% T:89%	pCi/L	03/06/23 15:54	4 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.484 ± 0.438 (0.796)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-APA12-FD-02 PWS:	Lab ID: 9265 Site ID:	2738014 Collected: 02/15/23 00:00 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.203 ± 0.141 (0.253) C:93% T:NA	pCi/L	03/14/23 08:42	2 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.555 ± 0.359 (0.672) C:82% T:90%	pCi/L	03/06/23 15:54	1 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.758 ± 0.500 (0.925)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-19 PWS:	Lab ID: 9265273 Site ID:	38015 Collected: 02/15/23 12:45 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Se	rvices - Greensburg				
Radium-226	EPA 9315	0.147 ± 0.109 (0.184) C:93% T:NA	pCi/L	03/14/23 08:42	2 13982-63-3	
	Pace Analytical Se	rvices - Greensburg				
Radium-228	EPA 9320	0.505 ± 0.430 (0.864) C:71% T:87%	pCi/L	03/06/23 15:54	15262-20-1	
	Pace Analytical Se	rvices - Greensburg				
Total Radium	Total Radium Calculation	0.652 ± 0.539 (1.05)	pCi/L	03/14/23 14:07	7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-APA12-FD-01 PWS:	Lab ID: 926527 Site ID:	38016 Collected: 02/15/23 00:00 Sample Type:	Received:	02/16/23 12:08	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Se	ervices - Greensburg				
Radium-226	EPA 9315	0.199 ± 0.118 (0.176) C:95% T:NA	pCi/L	03/14/23 08:42	2 13982-63-3	
	Pace Analytical Se	ervices - Greensburg				
Radium-228	EPA 9320	0.190 ± 0.307 (0.667) C:78% T:93%	pCi/L	03/06/23 15:54	4 15262-20-1	
	Pace Analytical Se	ervices - Greensburg				
Total Radium	Total Radium Calculation	0.389 ± 0.425 (0.843)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-APA12-EB-02 PWS:	Lab ID: 9265 Site ID:	2738017 Collected: 02/16/23 08:50 Sample Type:	Received:	02/17/23 11:04	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0594 ± 0.0711 (0.141) C:98% T:NA	pCi/L	03/14/23 08:32	2 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	-0.444 ± 0.358 (0.887) C:81% T:93%	pCi/L	03/06/23 15:55	5 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.0594 ± 0.429 (1.03)	pCi/L	03/14/23 14:07	7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-APA12-FB-02 PWS:	Lab ID: 9265 Site ID:	2738018 Collected: 02/16/23 09:45 Sample Type:	Received:	02/17/23 11:04	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.0113 ± 0.0486 (0.130) C:96% T:NA	pCi/L	03/14/23 08:32	2 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.441 ± 0.444 (0.922) C:76% T:87%	pCi/L	03/06/23 15:55	5 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.452 ± 0.493 (1.05)	pCi/L	03/14/23 14:07	7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-57 PWS:	Lab ID: 92652 7 Site ID:	738019 Collected: 02/16/23 11:08 Sample Type:	Received:	02/17/23 11:04	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical S	ervices - Greensburg				
Radium-226	EPA 9315	0.193 ± 0.116 (0.165) C:87% T:NA	pCi/L	03/14/23 08:32	2 13982-63-3	
	Pace Analytical S	ervices - Greensburg				
Radium-228	EPA 9320	-0.0690 ± 0.345 (0.809) C:84% T:91%	pCi/L	03/06/23 15:55	5 15262-20-1	
	Pace Analytical S	ervices - Greensburg				
Total Radium	Total Radium Calculation	0.193 ± 0.461 (0.974)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-17 PWS:	Lab ID: 9265273 Site ID:	88020 Collected: 02/16/23 10:40 Sample Type:	Received:	02/17/23 11:04	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical Ser	rvices - Greensburg				
Radium-226	EPA 9315	0.109 ± 0.0885 (0.139) C:87% T:NA	pCi/L	03/14/23 08:32	2 13982-63-3	
	Pace Analytical Ser	rvices - Greensburg				
Radium-228	EPA 9320	0.0196 ± 0.360 (0.826) C:83% T:95%	pCi/L	03/06/23 15:55	5 15262-20-1	
	Pace Analytical Ser	rvices - Greensburg				
Total Radium	Total Radium Calculation	0.129 ± 0.449 (0.965)	pCi/L	03/14/23 14:07	7 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Sample: MIT-PZ-33 PWS:	Lab ID: 92652738021 Collected: 02/16/23 13: Site ID: Sample Type:		Received:	02/17/23 11:04	Matrix: Water	
Parameters	Method	Act ± Unc (MDC) Carr Trac	Units	Analyzed	CAS No.	Qual
	Pace Analytical	Services - Greensburg				
Radium-226	EPA 9315	0.120 ± 0.0901 (0.143) C:93% T:NA	pCi/L	03/14/23 08:55	5 13982-63-3	
	Pace Analytical	Services - Greensburg				
Radium-228	EPA 9320	0.645 ± 0.333 (0.560) C:81% T:92%	pCi/L	03/03/23 15:01	1 15262-20-1	
	Pace Analytical	Services - Greensburg				
Total Radium	Total Radium Calculation	0.765 ± 0.423 (0.703)	pCi/L	03/14/23 15:02	2 7440-14-4	



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

QC Batch: 569464 Analysis Method: EPA 9320
QC Batch Method: EPA 9320 Analysis Description: 9320 Radium 228

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92652738001, 92652738002, 92652738003, 92652738004, 92652738005, 92652738006, 92652738007,

92652738008, 92652738009, 92652738010, 92652738011, 92652738012, 92652738013, 92652738014,

92652738015, 92652738016, 92652738017, 92652738018, 92652738019, 92652738020

METHOD BLANK: 2765355 Matrix: Water

Associated Lab Samples: 92652738001, 92652738002, 92652738003, 92652738004, 92652738005, 92652738006, 92652738007,

92652738008, 92652738009, 92652738010, 92652738011, 92652738012, 92652738013, 92652738014,

92652738015, 92652738016, 92652738017, 92652738018, 92652738019, 92652738020

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-228
 0.00612 ± 0.256 (0.602) C:82% T:89%
 pCi/L
 03/06/23 15:56

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.



Project: Mitchell AP-A, AP-1, AP-2 RADS

EPA 9320

Pace Project No.: 92652738

QC Batch Method:

QC Batch: 569677

Analysis Method: EPA 9320

Analysis Description: 9320 Radium 228

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92652738021

METHOD BLANK: 2766629 Matrix: Water

Associated Lab Samples: 92652738021

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-228
 0.117 ± 0.282 (0.631) C:80% T:91%
 pCi/L
 03/03/23 15:01

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.



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

QC Batch: 569463 Analysis Method: EPA 9315

QC Batch Method: EPA 9315 Analysis Description: 9315 Total Radium

Laboratory: Pace Analytical Services - Greensburg

Associated Lab Samples: 92652738001, 92652738002, 92652738003, 92652738004, 92652738005, 92652738006, 92652738007,

92652738008, 92652738009, 92652738010, 92652738011, 92652738012, 92652738013, 92652738014,

92652738015, 92652738016, 92652738017, 92652738018, 92652738019, 92652738020

METHOD BLANK: 2765353 Matrix: Water

Associated Lab Samples: 92652738001, 92652738002, 92652738003, 92652738004, 92652738005, 92652738006, 92652738007,

92652738008, 92652738009, 92652738010, 92652738011, 92652738012, 92652738013, 92652738014,

92652738015, 92652738016, 92652738017, 92652738018, 92652738019, 92652738020

 Parameter
 Act ± Unc (MDC) Carr Trac
 Units
 Analyzed
 Qualifiers

 Radium-226
 0.0229 ± 0.0637 (0.156) C:105% T:NA
 pCi/L
 03/14/23 09:55

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.



Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

QC Batch: 569674

Analysis Method: EPA 9315 QC Batch Method: EPA 9315 Analysis Description: 9315 Total Radium

> Pace Analytical Services - Greensburg Laboratory:

Associated Lab Samples: 92652738021

METHOD BLANK: 2766627 Matrix: Water

Associated Lab Samples: 92652738021

Act ± Unc (MDC) Carr Trac Units Analyzed Qualifiers Parameter Radium-226 -0.00342 ± 0.0688 (0.194) C:86% T:NA pCi/L 03/14/23 08:55

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.



QUALIFIERS

Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

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

Date: 03/29/2023 02:55 PM

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.



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Date: 03/29/2023 02:55 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytica Batch
92652738001	MIT-PZ-7D	EPA 9315	569463		
2652738002	MIT-PZ-16	EPA 9315	569463		
2652738003	MIT-PZ-15	EPA 9315	569463		
2652738004	MIT-PZ-18	EPA 9315	569463		
2652738005	MIT-APA12-FB-01	EPA 9315	569463		
2652738006	MIT-PZ-2D	EPA 9315	569463		
2652738007	MIT-PZ-32	EPA 9315	569463		
2652738008	MIT-PZ-23A	EPA 9315	569463		
2652738009	MIT-PZ-1D	EPA 9315	569463		
2652738010	MIT-PZ-31	EPA 9315	569463		
2652738011	MIT-PZ-14	EPA 9315	569463		
2652738012	MIT-APA12-EB-01	EPA 9315	569463		
2652738013	MIT-PZ-25	EPA 9315	569463		
2652738014	MIT-APA12-FD-02	EPA 9315	569463		
2652738015	MIT-PZ-19	EPA 9315	569463		
2652738016	MIT-APA12-FD-01	EPA 9315	569463		
2652738017	MIT-APA12-EB-02	EPA 9315	569463		
2652738018	MIT-APA12-FB-02	EPA 9315	569463		
2652738019	MIT-PZ-57	EPA 9315	569463		
2652738020	MIT-PZ-17	EPA 9315	569463		
2652738021	MIT-PZ-33	EPA 9315	569674		
2652738001	MIT-PZ-7D	EPA 9320	569464		
2652738002	MIT-PZ-16	EPA 9320	569464		
2652738002 2652738003	MIT-PZ-15	EPA 9320	569464		
2652738004	MIT-PZ-18	EPA 9320	569464		
2652738005	MIT-APA12-FB-01	EPA 9320	569464		
2652738006 2652738006	MIT-PZ-2D	EPA 9320	569464		
2652738007	MIT-PZ-32	EPA 9320	569464		
2652738007 2652738008	MIT-PZ-32 MIT-PZ-23A	EPA 9320 EPA 9320	569464		
2652738009	MIT-PZ-23A MIT-PZ-1D		569464		
	MIT-PZ-1D MIT-PZ-31	EPA 9320	569464		
2652738010 2652738011	MIT-PZ-31 MIT-PZ-14	EPA 9320			
		EPA 9320 EPA 9320	569464		
2652738012	MIT-APA12-EB-01		569464		
2652738013	MIT-PZ-25	EPA 9320	569464 560464		
2652738014	MIT-APA12-FD-02	EPA 9320	569464		
2652738015	MIT-PZ-19	EPA 9320	569464		
2652738016	MIT-APA12-FD-01	EPA 9320	569464		
2652738017	MIT-APA12-EB-02	EPA 9320	569464		
2652738018	MIT-APA12-FB-02	EPA 9320	569464		
2652738019	MIT-PZ-57	EPA 9320	569464		
2652738020	MIT-PZ-17	EPA 9320	569464		
2652738021	MIT-PZ-33	EPA 9320	569677		
2652738001	MIT-PZ-7D	Total Radium Calculation	573717		
2652738002	MIT-PZ-16	Total Radium Calculation	573717		
2652738003	MIT-PZ-15	Total Radium Calculation	573717		
2652738004	MIT-PZ-18	Total Radium Calculation	573717		
2652738005	MIT-APA12-FB-01	Total Radium Calculation	573717		



QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Mitchell AP-A, AP-1, AP-2 RADS

Pace Project No.: 92652738

Date: 03/29/2023 02:55 PM

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92652738006	MIT-PZ-2D	Total Radium Calculation	573717	_	
92652738007	MIT-PZ-32	Total Radium Calculation	573717		
92652738008	MIT-PZ-23A	Total Radium Calculation	573717		
92652738009	MIT-PZ-1D	Total Radium Calculation	573717		
92652738010	MIT-PZ-31	Total Radium Calculation	573717		
92652738011	MIT-PZ-14	Total Radium Calculation	573717		
92652738012	MIT-APA12-EB-01	Total Radium Calculation	573717		
92652738013	MIT-PZ-25	Total Radium Calculation	573717		
92652738014	MIT-APA12-FD-02	Total Radium Calculation	573717		
92652738015	MIT-PZ-19	Total Radium Calculation	573717		
92652738016	MIT-APA12-FD-01	Total Radium Calculation	573717		
92652738017	MIT-APA12-EB-02	Total Radium Calculation	573717		
92652738018	MIT-APA12-FB-02	Total Radium Calculation	573717		
92652738019	MIT-PZ-57	Total Radium Calculation	573717		
92652738020	MIT-PZ-17	Total Radium Calculation	573717		
92652738021	MIT-PZ-33	Total Radium Calculation	573750		

Sample Condition Opon Receipt Client Allowed Project #: WO#: 92652738 WO#: 92652	AMATIKAL STIVEES	Effective Date: 11/14/2022					
Including Hawaii and Puerto Rico ? Yes No Comments/Discrepancy: Chain of Custody Present? Pes No N/A 1.	Sheville Sample Condit Upon Receipt urier: Commercial stody Seal Pres cking Material: ermometer: IR Gur oler Temp: OA Regulated:	Eden Greenwood Client Name: OFed EX QUPS Pace Sent? Ves No Sea Bubble Wrap Correction Fact Add/Subtract (rected (°C): Soil (N/A, water sample)	USPS Other:_ Usble Bags Type of Ice: or:	Yes None	P Clie	nt her	WO#: 92652738 Date/Initials Person Examining Contents: 2(6) Biological Tissue Frozent Yes No N/A None p should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process has begun
Samples Arrived within Hold Time? Short Hold Time Analysis (<72 hr.)? Rush Turn Around Time Requested? Sufficient Volume? Correct Containers Used? -Pace Containers Used? -Pace Containers Intact? Dissolved analysis: Samples Field Filtered? Sample Labels Match COC? Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? Trip Blank Present? MMENTS/SAMPLE DISCREPANCY MENTS/SAMPLE DISCREPANCY Lot ID of split containers: Ves No N/A 10. N/A 11. Ves No N/A 11. Ves No N/A 11. Ves No N/A 12. Ves No N/A 4. Sample Labels Match COC? Pres No N/A 5. No N/A 6. -N/A 7. No N/A 7. No N/A 8. Sample Labels Match COC? Pres No N/A 9. Ves No N/A 10. Trip Blank Present? Pres No N/A 11. Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Field Data Required? Yes N/A 14. Lot ID of split containers:			e United States: C	A, NY, o	or SC		ding Hawaii and Puerto Rico)? Yes No
Short Hold Time Analysis (<72 hr.)? Rush Turn Around Time Requested? Yes	Chain of Cust	ody Present?	Ves	□No	□N/A	1.	
Rush Turn Around Time Requested? Yes No N/A 5. Correct Containers Used? Yes No N/A 6. -Pace Containers Used? Yes No N/A 7. 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: Yes No N/A 11. Trip Blank Present? Yes No N/A 11. Trip Blank Custody Seals Present? Yes No N/A 11. MENTS/SAMPLE DISCREPANCY Yes No DATA 12. Lot ID of split containers: Lot ID of split containers:	Samples Arriv	ved within Hold Time?	Yes	□No	□N/A	2.	
Sufficient Volume? Correct Containers Used? -Pace Containers Used? -Pace Containers Used? -Prose	Short Hold Ti	ime Analysis (<72 hr.)?	□Yes	No	□N/A	3.	
Correct Containers Used? -Pace Containers Used? Dissolved analysis: Samples Field Filtered? Dissolved analysis: Samples Field Filtered? Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? Trip Blank Present? Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Lot ID of split containers:	Rush Turn Ar	ound Time Requested?	□Yes	DNO	□N/A	4.	
Correct Containers Used? -Pace Containers Used? Dissolved analysis: Samples Field Filtered? Dissolved analysis: Samples Field Filtered? Sample Labels Match COC? -Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? Trip Blank Present? Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Lot ID of split containers:	Sufficient Vo	lume?	Diver	ΠNo	□N/A	5.	
-Pace Containers Used? Yes		The state of the s					
Dissolved analysis: Samples Field Filtered? Sample Labels Match COC? Ives No No No 9. Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? Trip Blank Present? Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY MENTS/SAMPLE DISCREPANCY Total Data Required? Yes Lot ID of split containers:						2	
Sample Labels Match COC? Yes	Containers In	itact?	-DYes	□No		7.	ty i
-Includes Date/Time/ID/Analysis Matrix: Headspace in VOA Vials (>5-6mm)? Yes No IN/A 10. Trip Blank Present? Yes No IN/A 11. Trip Blank Custody Seals Present? Yes No IN/A I1. Trip Blank Custody Seals Present? Yes No IN/A I1. Field Data Required? Yes IN/A I1. Trip Blank Custody Seals Present? Yes IN/A I1. Trip Blank Custody Seals Present? Yes IN/A I1. Trip Blank Custody Seals Present? IN/A I1. Trip Blank Custody Seals Present? Yes IN/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Custody Seals Present? II/A I1. Trip Blank Present? II/A I1. Trip Blank Present? II/A I1. Trip Blank Present? II/	Dissolved and	alysis: Samples Field Filtered?		□No	□NTA	8.	
Headspace in VOA Vials (>5-6mm)? Trip Blank Present? Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Trip Blank Custody Seals Present? Lot ID of split containers:			ØYes W	□No	□N/A	9.	
Trip Blank Present? Yes No MA 11. Trip Blank Custody Seals Present? Yes No MA Yes No MA Yes No MA Yes Yes No MA Yes Y	Headspace in	VOA Vials (>5-6mm)?	Tives	DNC	DINTA	10	
Trip Blank Custody Seals Present? MENTS/SAMPLE DISCREPANCY Field Data Required? Yes Lot ID of split containers:							3
MENTS/SAMPLE DISCREPANCY Field Data Required? Yes Lot ID of split containers:	Trin Blank Cu	stody Spals Present?	TVac	Пис			
		E DISCREPANCY					Field Data Required? ☐Yes ☐No
	IT NOTIFICATION	n/resolution	_			ot ID of sp	olit containers:
rson contacted: Date/Time:	man contacted			-	Date/Time		

Project Manager SRF Review:



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

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

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

- **Bottom half of box is to list number of bottles
- ***Check all unpreserved Nitrates for chlorine

Project #

WO#: 92652738

Due Date: 03/09/23

CLIENT: GA-GA Power

tem#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP42-125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (CI-)	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) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG3S-250 mL Amber H2SO4 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (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)	SPZT-250 mL Sterile Plastic (N/A - lab)	MAG	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1		1		1	1	1	1			1		1	1	1									A				
2	1	1	1		1	7	1	/			1		/	/	1									X				
3	1	1	1		1	7	1	1		1	1		/	1	1									2	7			
4	1	1	,		1	V	1	1			1		/	1	1									1	1			
5	1	1	+		1	1	1	1					/	1	1									1	1			
6	1				7	1	1				7		1	7	1									1	1			-
7	/				1	1	1	1			1		1		1									-	1	501		
8					1	7	1	1			1		1	7	1						-							
9	1			-	1	1	1	1	-		1	-		1	1					-	-	-		1	1			
10	1			-	1	1	1	1	-		1		1	1	1					-	-			1	1	-		
11	1				1	1	1	1			1		1	1	1									1	1		-	
12	1				1	1	1	1			1		1	1	1	-								1	1			
7	1				1	1	1	1			1		1	1	1		-]							1	1			

		pH Ac	ljustment Log for Pres	erved 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.



CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately

			MIT-CCR-		12	===	5	9	00	7	6	o	•	u	2	-	ITEM#	7 (0		Requester	Phone	Email To		Addrass	Company	Section A Required C
			MIT-CCR-ASSMT-2023S1	ADDITION									MH	NH.	MI	MIT	SAMPLE ID (A-Z, 0-91 -) Sampla IDS MUST BE UNIQUE	Section D Required Client Information		Requested Due Date/TAT:		jabraham@s	Atlanta, GA 30308	241 Ralph M	Georgia Power-CCR	Section A Required Claim Information
				ADDITIONAL COMMENTS						in the second se			1-PZ-18	1-92-15	1-02-16	-PZ-7D	BE UNIQUE TISSUE			10 Day	Fax	jabraham@southernco.com	0308	241 Ralph McGill Blvd Bin 10185	er-CCR	
			H		L												2 4 4 4 5 8 5 8 4 4 4 4 4 4 4 4 4 4 4 4 4	Codes		Project Number 6122160170	Project Name	Purchase Order No		Copy To:	Report To SCS Contacts	Section B Required Project Information
			1	RELING	L			L		L			S.	20	0 0 m	19 C	MATRIX CODE	_	-	ber 6		der No	Michelle Barker	WSP	SCSC	roject In
			=	HSIU	H	-		\vdash	-	\vdash	-	-	6	0	41		SAMPLE TYPE (G=GRAB C=C	OMP)	1	12216	itchel		le Bai	BI (fi	ontac	ormatic
_	1 10			RELINQUISHED BY / AFFILIATION	L	L		L		L							COMPOSITE START			0170	Mitchell AP-A, AP-1, AP-2		ker	ka Wood	S	3
	AMPL		1 8	FILLAT												8	TIME	COLL			P-1,) Con		
PRINT Name of SAMPLER:	SAMPLER NAME AND SIGNATURE		Paniel Housel/WSP	NOI						I			2/15/23 1535	1400 INOO	2115/25 10 H O	2/15/23 1442	COMPOSITE ENDICIPARE	COLLECTED			AP-2			WSP E&I (fka Wood) Contacts: Rhonda Quinn		
me of S	S GNA	H	2		T	T				T			15	MI	101	144	TIME							onda Q		
AMPL	IGNAT		2/15/23 1715	DATE	L				L				G	Ö	ō	22		L	1					uinn		
# # # # # # # # # # # # # # # # # # #	FE.	\vdash	1 20	-	-	-	-	-	-	-	\vdash	H	6-		,_	-	SAMPLE TEMP AT COLLECTION		1	P	M P	20 D	À	S	A	5 S
Daniel			12	TIME	L	-	-	L		L	L	L	G	50	3	5	# OF CONTAINERS	_	1	Pace Profile #	Pace Project Manager	Pace Quote Reference	Address	Company Name	Attention	Section C Invoice Information
anie			1 6	m	-	+	-	-	-	-			N	~	2	2	Unpreserved H₂SO₄		ı	10 17	90	. 4		y Nan	-	nform
> -			100										w	w	W	W	HNO ₃	Pres	١	0	Bon			100	SCS	ation
صوسا م			P	P	H	-	-	H	-	\vdash		H	-	-	-		HCI NaOH	Preservatives	ı	D834	Bonnie Vang		- 1	out	HOVO	
0			18	×	H	-	-		\vdash	\vdash	H						Na ₂ S ₂ O ₃	tives	ı		/ang			nern	ces(
dowar			1	ČEP													Methanol	1"	L	12				Southern Company	SOL	
			1	TED												L	Other	L	Ļ	1				npar	the	
0			2	BY!	L		_	_	_	_	_		_		_	1. 2	↓Analysis Test↓	Y/N.	4					¥	nco.	
DATE Signed			1	ACCEPTED BY / AFFILIATION	H	-	-	╀	╀	-	-	H	×	Š		0	CI, F, SO4	-	8				1		scsinvoices@southernco com	
2			1	1 3	H	H	┝	╀	┝	╀	⊢	H	X	X	_	X	Appendix III/IV Metals	\vdash	를				1		Ñ	
9			11	2	Н	╁	⊢	╁	╁	╁	H	H			2	x	Radium 9315/9320	\vdash	擅			Ш	1			
					H	t	H	十	t	t	H	1	۴	-	Ä	-			A	-	5	-	7	2		
		\vdash	20		t	-			t								orer.		챃		its L	c	z	GU		
-	Es		15	DATE	Г														107	STATE:	Sits Location	TSU	NPDES	Z		
	400		12	_															18	ij	ion	_	S	OR		
5	10		12	_	L									L					Requested Analysis Filtered (Y/N)	,				REGULATORY AGENCY		
2		П	1	景	L	1	L		L	1	L			L					13	11,		RCRA	8	ĕ		70
			1 .	-	-	-	1	-	1	1	-	-	_	-		_		-	1	1 9	2	>	Š	থ		Page:
emp i	n°C				-	+	H	┝	+	+	-	-	-	┝	H	-	Basidual Chloriae (V/N)	1000	4589	1			GROUND WATER			
_		\vdash		1	H	╀	╁	+	+	╀	┝	١,	+	H	-	L	Residual Chlorine (Y/N)	爛		989	9391		TEN I			-
eceive				91	ı	L					L		H	E	H	E	2 20			避		7	_			ı
Ice (Y			\perp	A	1						Π		1	n	11	11				1						
stody 5	Sealed	d		FEC	1								0		7	9	N E			No.	1316	OTHER	DRI		8	2
cooler (11		OND	1								1	7.09	10	92	1 P	4.		题		8	KIN			
_	-	+	-	SAMPLE CONDITIONS	1								W	0	1		N 7	题	The second	蘭		CCR	G W			-
nm=!	Inter	. 1		S			1						0	0	2	0	921652738 Pace Project No./ Lab I.D.			虚	THE SECOND	12	DRINKING WATER			
emples (Y/N													0	8	S	00	5 50			器			D			
				1	L			1	1	1	1	1	4	N	10	1		200	185	1	智刻	ţ		1		1

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



CHAIN-OF-CUSTODY / Analytical Request Document

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

WIT-CCR-ASSMT-2023S Requested Due Date/TAT: 12 ö • ITEM# Email To: Required Client Information œ w ddress. ø a Required Chent Information Section D (A-Z, 0-91,-)
Sample IDs MUST BE UNIQUE MIT-MIT-PZ-MIT-PZ-21 MII 241 Ralph McGill Blvd Bin 10185 Georgia Power-CCR jabraham@southernco.com Atlanta, GA 30308 SAMPLE ID ADDITIONAL COMMENTS PZ-APAIZ-FB-01 10 Day 23A Project Number: Copy Ta: Report To SCS Contacts Section B
Required Project Information: Purchase Order No. roject Name thered there's MGG SO 0 RELINQUISHED BY / AFFILIATION WSP E&I (fka Wood) Contacts: Rhonda Quinn MATRIX CODE (see valid codes to left) 変もの Michelle Barker 0 6122160170 Mitchell AP-A, AP-1, AP-2 SAMPLE TYPE (G=GRAB C=COMP) START SAMPLER NAME AND SIGNATURE TIME COLLECTED 2/11/23 SIGNATURE OF SAMPLER: Howard PRINT Name of SAMPLER: 2/11/23 2/14/23 2/11/23 1220 DATE COMPOSITE 1422 HOLI 1045 TIME |大 | | | | DATE SAMPLE TEMP AT COLLECTION Company Name Southern Company Attention Invoice Infon ace Quole Address G # OF CONTAINERS JE Danie TIME Unpreserved H2SO4 scsinvoices@southernco.com Preservatives HNO₃ Bonnie Vang Margura HCI NaOH Howar Na₂S₂O₃ ACCEPTED BY / AFFILIATION Methanol Other YI N Analysis Test MUNDER Requested Analysis Fittered (Y/N) DATE Signed DZ TOS XX Appendix IU/IV Metals × XXX Radium 9315/9320 REGULATORY AGENCY Site Location UST NPDES 115/23 STATE: DATE RCRA TIME GROUND WATER GA Page: Temp in *C Residual Chlorine (Y/N) OH=6. 0H=7.57 OO Pace Project No./ Lab I.D. SAMPLE CONDITIONS ice (Y/N) 9 OT ER DRINKING WATER Custody Seale Cooler (Y/N) 500 800 Samples Intac Page 43 of 62

"Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and

agreeing to use chargers of 1.5% per month for any invoices not paid within 30 days

12
Pace
SERVICE STREET

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*Check mark to	half of box if pH and/or dechlorination is verified and	d
within the acc	ptance range for preservation samples.	
	the TOC Oil and Comes DDO/DOJE (water) DOC 1114-	

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

***Check all unpreserved Nitrates for chlorine

Project #			

tem#	BP4U-125 ml. Plastic Unpreserved (N/A) (CI-)	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 H25O4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP42-125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (CI-)	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) (CI-)	AG15-1 liter Amber H2SO4 (pH < 2)	AG35-250 mL Amber H2504 (pH < 2)	DG94-40 ml, Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterilg Plastic (N/A - lab)	BPIN	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	X	1	1			1		1	1	1									2	/			
2	1	1	1		1	V	1	1			1		1	1	1									X	1			
3	1	1	1		1	X	1	1			1		1	1	1									X	1			
4	1	1	1		1	X	1	1			1		1	1	1									2	/			
5	1		(1	1	1	1			1		1	1	1										1			
6	1				1	1	/	1			1		1	1	1										1			
7	1				1	1	1	1			1		1	1	1										1			
8	1				1	1	1	1			1		1	1	1									1	1			
9	1				1	1	1	/			1		1	1	/									1	1			
10	1				1	1	1	1			1		1	1	1									1	1			
11	1				1	1	1	1			1		1	1	/									1	1			
12	1				1	1	1	1			1		1	1	1									1	1			

		PHAC	ljustment Log for Pres	erveu samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
-1-						
		-				

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.

R	
/-Pac	e

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

INLINEA SINES	Effective Date: 11/14/2022				
ahoratoni reci	eiving samples:				
Asheville	Eden Greenwood	Huntersvil	lle 🗌	Raleigh[Mechanicsville Atlanta Kernersville
Sample Condi Upon Receipt		Dun	Cc	Р	roject #:
Courier:	☐Fed Ex ☐UPS ☐Pace	□USPS □Other	:	Clie	ent
Custody Seal Pre	sent? Yes No Sea	ls Intact? -	⊟Yes	— □No	Date/Initials Person Examining Contents: 2/16/7
Packing Material Thermometer:	024	ubble Bags	None	Oti	her Biological Tissue Frozens
Cooler Temp: Cooler Temp Corr USDA Regulated: Did samples or	Correction Fact Add/Subtract (rected (°C): Soil (\sum N/A, water sample) riginate in a quarantine zone within the	°c) ta	-0	Wet □Bli	Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling proce has begun Did samples originate from a foreign source (internationally,
(check maps)?	Yes No				including Hawaii and Puerto Rico)? Comments/Discrepancy:
Chain of Cust	tody Present?	Ves	□No	□N/A	1.
	ved within Hold Time?	Yes	□No	□N/A	2.
	ime Analysis (<72 hr.)?	Yes	ØN ₀	□N/A	3.
	round Time Requested?	□Yes	-BNO	□N/A	4.
Sufficient Vol		Dres	□No	□N/A	5.
Correct Cont		Yes	□No	□N/A	6.
-Pace Cont	tainers Used?	EYes	□No	□N/A	
Containers In	ntact?	EYes	□No	□N/A	7,
Dissolved and	alysis: Samples Field Filtered?	□Yes	□No	□N TĀ	8.
Sample Label	Is Match COC?	□ Tes	□No	□N/A	9.
-Includes (Date/Time/ID/Analysis Matrix:				
Headspace in	VOA Vials (>5-6mm)?	□Yes	□No	DINIA	10.
Trip Blank Pro	esent?	□Yes	□No	DN/A	11.
	stody Seals Present?	□Yes	□No	DAYA	
OMMENTS/SAMPL	E DISCREPANCY				Field Data Required? ☐Yes ☐No
LIENT NOTIFICATION	N/RESOLUTION			L	ot ID of split containers:
Person contacted:			_	Date/Time:	
Project Manag	er SCURF Review:		-		Date:

Project Manager SRF Review:



CHAIN-OF-CUSTODY / Analytical Request Document
The Chain of Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately

Company	Address		Email To	Phone	Reques			ITEM#	-	2	3	4 10	8	7	a	00	10	=		MIT-CC			
	 241 Ralph McGill Blvd Bin 10185 	Allanta, GA 30308	 jabraham@southernco.com 	Fax	Requested Due Date/TAT: 10 Day		Section D Valid M. Required Client information MAIRIX		MOTIPZ-1D	MTT-PZ-31	1-12-14	MIT-APAIL-ER-O							ADDITIONAL COMMENTS	MIT-OCR-ASSMT-2023S1			
9 3	Copy To: WSP	Michi	Purchase Order No	Project Name:	Project Number:		2002 2002	2 S & & S & P & W	MG	MG	DNG.	W.D.							RELIX	Danie			
Conta	E&I (Michelle Barker	٠	Mitche	6122160170		OMP)	SAMPLE TYPE (G=GRAB C=C		6	9	C	4				_	+	MSIUD	I			
SS S	ka Wo	rker		AP-A	60170			COMPOSITE START											ED BY /	The same			
	od) Con			Mitchell AP-A, AP-1, AP-2			COLL	TIME											RELINQUISHED BY / AFFILIATION		SAMPL		
	WSP E&I (fka Wood) Contacts: Rhonda Quinn			AP-2			COLLECTED	COMPOSITE	2/14/23	2/14/23	111123	TIBLE							Š	10 E	SAMPLER NAME AND SIGNATURE	PRINT No	SIGNATURE of SAMPLER:
	onda Qui							CRAS	1	3 1405	1540	HIGHES OF HO	1					T	DATE	/WSP 2/15/23	AND SIG	PRINT Name of SAMPLER:	RE OF SAN
	nn									_	ř	0						+	7	23	NATUR	PLER:	PI ER
Attention:	Comp	Address:	Pace Quote Reference	Pace f	Pace Profile #:			# OF CONTAINERS	5	5	6	4					Γ	Τ	_	2	m	0	P
Attention: SCS	Company Name:	SE	Duote	por	nofile #	П		Unpreserved H₂SO₄		24	۲	F							JIME -	2	H	18.	+
SCS			1	- 1			Pre	HNO ₃		S	(L	(vi									H	2	
scsinvoices@southernco.com	Southern Company			Bonnie Vang		П	Preservatives	HCI NaOH	-		F		4					Ŧ	F	2		出	E
ces	hern			/ang		П	tives	Na ₂ S ₂ O ₃			+	+	+		-			+	ACC	K		الماس	F
Son	Con	1					1"	Methanol											CEPT			223	
therr	pan	1				Н	YIND	Other Analysis Test	_		L							1	9	2		P	
0.0		1					1		-	×	×	K	1	П				T	EPTED BY / AFFILIATION	()		1	-
3	1	- 1	- 1			Requ			_	X	×	×						T	F	Y			AIE
	-		1			este			-	_	×	X	1						NOIT				DAIR Signed
Н	20	+	ᆜ		Ш	d An	-	Radium 9315/9320	X	×	×	×	\dashv	Н	H	-	-	+	+	1			>
l	REGULATORY AGENCY	2	_	Site Location		alys	1		\dashv	Н	H		1	Н		Н		+	1	1	H		٥
	ş	NPDES	TSU	ocat	STATE:	IS FI													DATE	12			7
	욁	_	-	9	iii	tere	-		Ц		L		1				_	\perp	4		Ш		-
	AG	6	70		1	(X)	-		\dashv		H	-	\dashv		-	-	-	+	4	12			77
١	No.	힏	CRA	2	ę	S				H	t	+	1					+	m	×			
	1	S			*						T								┪				+
Н.		ATE			1			Residual Chlorine (Y/N)	\Box		L							I			٠	emp in	16
					語			2 20	10	0	10	1										ceived	
П					W.		188	1 2	*	=4	7 =								AMPL		,	ice (Y/N	,
	1	DRIN	FILO		1	THE PERSON NAMED IN		N S	7	7	-	0							E CC			tody Se	
-		KING					100		노	0	0	3/6							NOIT		(N)	ooler (Y	Co
		WA	CCR				2		_	-	_	b							SNO				
П		Ē			100		10	S = 60	8	0	0	8		П							tact	nples in	ian
AMARAN	ENCY	GROUND WATER DRINKING WATER	RCRA F OTHER CCR		GA .	Requested Analysis Filtered (YIN)		92652738	0	0/0 PO.7 = HO	1,04	- O/B							TIME SAMPLE CONDITIONS	200	on) aled	emp in eccived toe (Y/A)	Re I

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

Boss
/-Pace
MARTINA SERVICES

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*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 #				
	17			

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (Cl-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 ml. Plastic ZN Acetate & NaOH (>9)	8P4B-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2504 (pH < 2)	AG35-250 mL Amber H2504 (pH < 2)	DG94-40 mL Amber NH4CI (N/A)(CI-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na25203 (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 Sterily Plastic (N/A - lab)	BPIN	BP3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	X	1	1			1		1	1	1									2	/	Œ		
2	1	1	(1	K	1	1			1		1	1	1									X	1			
3	1	1	1		1	1	1	1			1		1	1	1									X	/			
4	/	1	1		1	X	1	1			1		1	/	1									X	/			
5	1		t	ĪĪ	1	1	1	/			/		1	1	1									1				
6	1				1	1	/	/			/		1	1	1									1	1			
7	/			ī	1	1	/	/			1		1	1	1									1	/			
8	1			1	1	/	1	/			1		1	1	1									1	1			
9	1				1	1	1	/			1		1	1	1									1	1			
10	/				1	1	1	/			1		1	1	1									1	1			
11	/				1	1	1	1			1		1	1	1									1	1			
12	1				1	1	1	1			1		1	1	1									1	1			

		pH Ac	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
				***************************************		-

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

Pace	DC#_Title: ENV-FRM-H	JN1-0083 v	02_Sa	mple Co	Condition Upon Receipt
ARMOTER STATES	Effective Date: 11/14/2022	***			
Asheville Sample Condi		Huntersvil	le 🗌	Raleigh[n Mechanicsville Atlanta Kernersville Project #:
Courier:	☐Fed Ex ☐UPS ☐Pace	USPS Other	: Cr	Clie	
Custody Seal Pre	sent? Yes No Sea	ls Intact? -	Yes	□No	Date/Initials Person Examining Contents: 2/16/
Packing Material Thermometer:	024	Type of Ice	□None e: □V		Other Biological Tissue Frozent Yes No N/A
Did samples or	rected (°C): Soil (\sum N/A, water sample) riginate in a quarantine zone within the	(°C) <u>ta</u>	: CA, NY, G	or SC	Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling prohas begun Did samples originate from a foreign source (internationally.
(check maps)?	Yes No				including Hawaii and Puerto Rico)? Yes No Comments/Discrepancy:
Chain of Cus	tody Present?	TYes	□No	□N/A	1.
	ived within Hold Time?	Yes	□No	□N/A	2.
	ime Analysis (<72 hr.)?	□Yes	DIND.	□N/A	3.
The same of the sa	round Time Requested?	□Yes	-DNO	□N/A	4.
			-		
Sufficient Vo		Yes	□No	□N/A	5,
100000000000000000000000000000000000000	tainers Used? stainers Used?	□ Yes □ Yes	□No	□N/A □N/A	6.
Containers in		-DYes	□No	□N/A	7.
	alysis: Samples Field Filtered?	Yes	□No	DNTA	8.
Sample Labe	els Match COC?	W S	□No	□N/A	9
-Includes	Date/Time/ID/Analysis Matrix:		-		
	n VOA Vials (>5-6mm)?	□Yes	□No	DIV/A	10.
Trip Blank Pr		□Yes	□No	ØN/A	11.
Trip Blank Comments/SAMPI	ustody Seals Present? LE DISCREPANCY	□Yes	□No	DAYA	Field Data Required? ☐Yes ☐No
					Lot ID of split containers:
IENT NOTIFICATIO	n/resolution		_	**	
Person contacted	l:	-0>		Date/Time	ne:
Project Manag	ger SCURF Review:				Date:
D	ger SRF Review:				Date:

Pace Analytical

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT All relevant fields must be completed accurately.

		П	MIT-CCR		12	=	10	8	8	7	a	Ça	4	3	2	-	ITEM#		7	Reques	Phone	Email To:		Address:	Company	Require
			MIT-CCR-ASSMT-202351	ADDITIONAL COMMENTS								1	V-43-21 000-1 1W	MITT-PZ-19	"M王十一中三 MIT-APAID-FD-02	MIT-12-25	m	Section D Valid Matrix Codes Required Client information MATRIX CODE DRINGING WATER DW	ı	Requested Due Date/TAT: 16 Day		jabraham@sou	Allania, GA 30308	241 Ralph McGill Blvd Bin 10185	Georgia Power-CCR	Clien
			Daniel	RELINOU									200	- 1		₩G Q	해요동문으로 등록 SEMATRIX CODE (see valid code	s to left)		Project Number 612	Project Name: Mit	1 31	Michelle Barker	Copy To: WSP E	Report To SCS Contacts	Required Project Information
	SAMPLI		Harrida	RELINQUISHED BY / AFFILIATION													COMPOSITE START	COLL		6122160170	Mitchell AP-A, AP-1, AP-2		Barker	WSP E&I (Ika Wood) Contacts: Rhonda Quinn	ontacts	rmation
SIGNATURE of SAMPLER:	SAMPLER NAME AND SIGNATURE		WSP 2/15/23	ION DATE								er feur	2/12/22	2/15/13/12 45	2/15/23 -	2/15/23/040	COMPOSITE ENDIGINAL TIME	COLLECTED			AP-2			lacts: Rhonda Quir		
1	ATURE		23 1715	E TIME								3	1		5 2	52	SAMPLE TEMP AT COLLECTION # OF CONTAINERS Unpreserved			Pace Profile #	Pace Project Manager	Pace Quote Reference	Address	n Company Name:	Attention	Invoice Information
Janiel Hower			Margus	/ ACCEP									1	۵	3	3	H ₂ SO ₄ HNO ₃ HCI NaOH Na ₂ S ₂ O ₃ Methanol Other	Preservatives		0 60	d Bonnie Vang			Name: Southern Company	scsinvoices@southernco.com	C formation
DATE Signed			Pammer	TED BY AFFILIATION					1				XXXX	×	XXXX		LAnalysis Test. CI, F, SO4 TDS Appendix III/IV Metals Redum 9315/9320	Y/N.	1					pany	hernco.com	
02/15/23			3 hu/13	DATE										Î					Requested Analysis Filtered	STATE:	Site Location	T UST 1	NPDES F	REGULATORY AGENCY		
Temp in	J.C		15. CK	TIME													Desidual Chlorica CARD	986	(N/V)	9	2	RCRA	GROUND WATER	AGENCY		Page:
Receive Ice (Y/				SAMI					1				5	7	L	=Ha	Residual Chlorine (Y/N)	できる	NAME OF THE PERSON NAME OF THE P	被認識		य	VTER T			~
Custody S Cooler (* Samples (Y/N	Y/N)			SAMPLE CONDITIONS				The second secon				0,00	611	979	7.02	= 7.02 013	92652738 Pace Project No.J Lab I.D.		語語の音楽を			OTHER CCR	DRINKING WATER			or

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

Pace	DC#_Title: ENV-FRM-HUNT-0083 v02_Sample	Condition Upor	1 Receipt	
ABULFIRAL SEFYCES	Effective Date: 11/14/2022			
within the acc	op half of box if pH and/or dechlorination is verified and ceptance range for preservation samples. Coliform, TOC, Oil and Grease, DRO/8015 (water) DOC, LLHg	Project #		
**Pottom half	of how is to list number of bottles	1		

ttem#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	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) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	8P4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCI (pH < 2)	AG3U-250 inL Amber Unpreserved (N/A) (Cl-)	AG1S-1 liter Amber H2SO4 (pH < 2)	AG3S-250 ml. Amber H2504 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(CI-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na2S2O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterilg Plastic (N/A – lab)	BPIN	BP3R-250 mL Plastic (NH2)2504 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	}		1	X	1	1			1		1	1	1									2	1			
2	1	1	(1	1	1	1			1		1	1	1									X	1			
3	1	1	1		1	X	1	1			1		1	1	1									X	1			
4	1	1	1		1	X	1	1			1		1	1	1									2	1			
5	1	-	t		1	/	1	1			1		1	1	1									1	1			
6	1				1	1	1	1			1		1	1	1									1	1			
7	1				1	1	1	1			1		1	1	1									1	1			
8	1				1	1	1	1			1		1	1	1									1	1			
9	1				1	1	1	1			1		1	1	1									1	1			
10	1				1	1	1	1			1		1	1	1						0			1	1			
11	1				1	1	1	1			1		1	1	1									1	1			
12	1				1	1	1	1			1		1	1	1									1	1			

		,	erved Samples		
Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
-					
	ype of Preservative	ype of Preservative pH upon receipt	Type of Preservative pH upon receipt Date preservation adjusted	The surresseries Free Principle	Type of Preservative pri upon receipt bate preservation adjusted in the preservative

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

***Check all unpreserved Nitrates for chlorine

Pace	DC#_Title: ENV FRM-HI	JN1-0083 v	02_Sa	mple Co	endition Upon Receipt
MONTHER DIVINES	Effective Date: 11/14/2022				
Laboratory rec Asheville Sample Cond Upon Receip	ot -	Huntersvil	-	Raleigh[Pr	Mechanicsville Atlanta Kernersville roject #:
Courier:	☐Fed Ex ☐UPS ☐Pace	USPS Other		Clier	ent
Custody Seal Pre	esent? Yes No Sea	ls Intact? -	Yes	□No	Date/Initials Person Examining Contents: 2(16/2)
Packing Materia Thermometer: IR Gu Cooler Temp:	un ID: 236 Correction Fact Add/Subtract (□None :: □V	☐ Oth	Yes No N/A UP None Temp should be above freezing to 6°C ☐ Samples out of temp criteria. Samples on ice, cooling process
	Soil (N/A, water sample) originate in a quarantine zone within the	ne United States:	CA, NY, c	or SC	has begun Did samples originate from a foreign source (internationally, including Hawaii and Puerto R:co)? ☐ Yes ☐ No
Chair of Cur	stody Present?		ra _u .		Comments/Discrepancy:
	rived within Hold Time?	Ves - Yes	□No	□N/A	2.
	Time Analysis (<72 hr.)?	Yes	DNO	□N/A	3.
	Around Time Requested?				4.
-1.00		Yes	-ENO	□N/A	At the second se
Sufficient Vo	100	Tes	□No	□N/A	5.
1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	itainers Used? ntainers Used?	□ Yes □ Yes	□No	□n/a □n/a	6.
Containers I	Intact?	- Pres	□No	□N/A	7.
Dissolved ar	nalysis: Samples Field Filtered?	□Yes	□No	□MTA	8.
	els Match COC? Date/Time/ID/Analysis Matrix:	W	□No	□n/a	9.
			П.		10
Trip Blank P	in VOA Vials (>5-6mm)? resent?	☐Yes ☐Yes	□No	DN/A	10.
Trin Blank C	ustody Seals Present?	□Yes	□No	DAYA	
COMMENTS/SAMP					Field Data Required? Yes No
CLIENT NOTIFICATIO	DN/RESOLUTION			Lo	ot ID of split containers:
				_	
Person contacted				Date/Time:	
Project Mana	ger SCURF Review:	_	-	_	Date:
Project Mana	ger SRF Review:				Date:

Pace		1
1-1 au	2	Dana
	,	-1 acc

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

Laboratory receiving samples: Asheville Eden Greenwood H	untersvi	lle 🗍	Raleigh		Mechanicsville Atlanta Kernersville
Sample Condition Client Name: Upon Receipt CPUBIG	0	we	1	Proje	LIOH LOCATIONS
Courier: Fed Ex UPS Pace	USPS Other			ent	PM: BV Due Date: 03/09/23 CLIENT: GA-GA Power
Custody Seal Present? Yes No Seals In Packing Material: Bubble Wrap Bubble		□Ves □None	No	ther	Date/Initials Person Examining Contents: 2-11-25#4
Thermometer: R Gun D: 230 Correction Factor: Add/Subtract (°C): Cooler Temp Corrected (°C): USDA Regulated Soil (N/A, water sample) Did samples originate in a quarantine zone within the Ur	Type of Ico	2	Wet □B	lue	☐ Yes ☐ N/A ☐ None Temp should be above freezing to 6°C ☐ Samples out of temp criteria. Samples on ice, cooling process has begun Did samples originate from a foreign source (internationally.)
(check maps)? Yes No					including Hawaii and Puerto Rico)? Yes No
				-	Comments/Discrepancy:
Chain of Custody Present?	Pres	□No	□N/A	1.	
Samples Arrived within Hold Time?	Pres	□No	□N/A	2.	
Short Hold Time Analysis (<72 hr.)?	_Yes	ONO	□N/A	3.	
Rush Turn Around Time Requested?	Pres	□No	□N/A	4.	
Sufficient Volume?	Dies	□No	□N/A	5.	
CHARLES AND COLOR OF THE COLOR	_/			1	
Correct Containers Used? -Pace Containers Used?	☐yes ☐yes	□No	□N/A □N/A	6.	
Containers Intact?	Yes	□No/	□N/A	7.	
Dissolved analysis: Samples Field Filtered?	100000000000000000000000000000000000000	1		1	
Sample Labels Match COC?	□Y98	No	□N/A	8.	
-Includes Date/Time/ID/Analysis Matrix:) E ^Y es	□No	□N/A	,	
Headspace in VOA Vials (>5-6mm)?	□Yes	□No	DAK.	10.	
Trip Blank Present?	Yes	□No	DA/A/	11.	
Trip Blank Custody Seals Present?	□Yes	□No	DA/A		
COMMENTS/SAMPLE DISCREPANCY			130//		Field Data Required? Yes No
THENT NOTIFICATION/DESCRIPTION			ı	ot ID	of split containers:
Person contacted:			Date/Time		
Project Manager SCURF Review:					Date:
Project Manager SRF Review:					Date:



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

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

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

- **Bottom half of box is to list number of bottles
- ***Check all unpreserved Nitrates for chlorine

Project #

WO#:92652738

PM: BV

Due Date: 03/09/23

CLIENT: GA-GA Power

ltem#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	BP3U-250 mL Plastic Unpreserved (N/A)	BP2U-500 mL Plastic Unpreserved (N/A)	BP1U-1 liter Plastic Unpreserved (N/A)	BP45-125 mL Plastic H2SO4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP4B-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass Jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	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 HCI (N/A)	VG9T-40 mL VOA Na25203 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mL VOA H3PO4 (N/A)	KP7U-50 mL Plastic Unpreserved (N/A)	V/GK (3 vials per kit)-VPH/Gas kit (N/A)	SPST-125 mL Sterile Plastic (N/A – lab)	SP2T-250 mL Sterile Plastic (N/A – lab)	BPZN	8P3R-250 mL Plastic (NH2)2SO4 (9.3-9.7)	AG0U-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1	1		1	1	1	1			1		1	1	1									X	X			
2	1	1	1		1	N	1	1			1		1	1	1									X	X			
3	1	1	1		1	1	/	1			1		1	1	1									X	1			
4	1				1	1	/	1			1		1	/	1									1	/			
5	1				1	1	1	/			1		1	1	1									1	1			
6	1				1	1	/	/			1		1	1	/									1	1			
7	1				/	/	1	1			1		/	1	1									1	1			
8	/				1	4	/	/			1		1	1	1									/	1		-	
9	1				1	1	1	1			1	- 1	1	1	1									1	1			
10	1				1	1	1	1			1		1	1	1				-					17	1	-		
11	1		-		1	1	1	1			1		1	1	1					-	-			1	1			
12					1	1	1	1			1		1	1	1									1	1			

		pH Ac	ijustment Log for Pres	erved 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.

CHAIN-OF-CUSTODY / Analytical Request Document

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

Pace Analytical

Pace Project No./ Lab I.D. 610 (N/A) 19452738 DRINKING WATER SAMPLE CONDITIONS CCR 00 90% OTHER COOK (Y/N Custody Seale 6 PHO 5 (MY) sol Received on GROUND WATER Residual Chlorine (Y/N) J. ur dural 11:04 REGULATORY AGENCY GA RCRA TIME Requested Analysis Filtered (Y/N) STATE Site Location NPOES DATE UST 0259/2159 mulbe XX ACCEPTED BY / AFFILIATION ppendix IIIIV Metals SQ. scsinvoices@southernco.com 1 E 204 Analysis Test TN/A Company Name Southern Company 5 Other Methanol EOSSEN Bonnie Vang Preservatives HOEN de нсі Invoke Information HNO H^S2O' Reference Pace Project Managar: Pace Profile #. Section C Harran 9/145P 2/16/23/16/15 TIME ace Quote Address # OF CONTAINERS SAMPLER NAME AND SIGNATURE SAMPLE TEMP AT COLLECTION Copy To WSP E&I (fka Wood) Contacts: Rhonda Quinn DATE 2/1423 0850 416/23 1108 41423 09-15 TIME COMPOSITE DATE COLLECTED Mitchell AP-A, AP-1, AP-2 RELINGUISHED BY / AFFILIATION TIME START Project Number 6122160170 DATE Michelle Barker Report To: SCS Contacts Required Project Information S MaG WGG (G=GRAB C=COMP) SAMPLE TYPE Purchase Order No. g (yel of geboo bilev ees) MATRIX CODE Project Name Section B Valid Matrix Codes ORINGATER DW WASTE WATER WY PRODUCT P SOLISOLO SL SOLISOLO DIE WPE NPE AR AR AR TISSUE IS MIT-APA 12-E8-02 MIT-APA12-FB-02 241 Ralph McGill Blvd Bin 10185 jabraham@southernco.com ADDITIONAL COMMENTS MIT-PZ-57 (A-Z 0-97 -) Sample IDs MUST BE UNIQUE Georgia Power-CCR 10 Day SAMPLE ID BX Alianta, GA 30308 Required Client Information Required Client Information Requested Due Date/TAT: MIT-CCR-ASSMT-2023S1 Section D ompany mail To: ~ 9 = # WELL * 4 8 12 Page 54 of 62

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

(MAN/DDIYY): 02/16/23

Howard Horas 2

Danie

PRINT Name of SAMPLER:

SIGNATURE OF SAMPLER: TO AND

CHAIN-OF-CUSTODY / Analytical Request Document The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Pace Analytical

All Flags March Early Early March Early	Required C	5	Required Project Information	rmation.				Invoice Information	mation							Page:	-	o	
All Regions were a supplied to the proof of contacts. Provide Curinda Company (Michel Barker Control Company) William (Michel Barker Control Company) William (Michel PAA, AP.), AP.2 William (Michel PAA, AP.2 William (Michel PAA, AP.2 William (Michel PAA, AP.2 William (Michel PAA, AP.2 Will	Company	Georgia Power-CCR	Report To: SCS C	ontacts				Attention	scsin	voices@	southern	20.com							
Section On the product of the prod	Address:	241 Ralph McGill Blvd Bin 10185	CODY TO WSP E	&I (fka Woo	d) Contac		T	Company N		outhern C	ompany			REGULAT	ORY AG	ENCY	Total Control		
Section Particularing counter		Allanta, GA 30308	Michell	e Barker				Address:						NPDE	L	ROUND	MATER	ORIN	ING WATER
SAMPLE ID Section 0 S	mail To:	jabraham@southernco.com	Purchase Order No.					Pace Quote						TSU _	L	CRA	LE		800
Section 0 Sect	hone:		1	Ichell AP-A,	AP-1, AP	-2		Pace Project		ie Vang				Site Loca	lon	1		が上海に	TOTAL STATE
SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE ID SAMPLE IN TOTAL COMESTS SAMPLE IN THE SAMPLE IN THE ID SAMPLE IN THE ID SAMPLE IN THE IN THE IN THE INITIAL COMESTS SAMPLE IN T	Requested		Project Number 61	22160170				Pace Profile	*					STA	TĒ:	4 5			
SAMPLE ID SAMPLE ID		2 7 F Table Control of the Control o										Red	nested /	Analysis F	Itered (Y	(M)			はいいがあ
SAMPLE ID COMPONE WAS MADE ID ON THE WAS DESIGNATIVE STANKING OF A PART OF THE WAS DESIGNATIVE STANKING OF A PART OF THE WAS DESIGNATIVE STANKING OF A PART OF THE WAS DESIGNATIVE STANKING OF A PART OF THE WAS DESIGNATIVE STANKING OF A PART OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNATIVE OF THE WAS DESIGNAT	N. S.		cook self)		COLLEC	TED .			Presei	rvatives	N/A								
Sample FID AM ST PZ - 17 MATT - PZ - 17 MATT		DORNAMO WATER WASTER WATER WASTE WATER PRODUCT SCULAGOLO	salid codes	1	P SPTE	COMPOSITE	ггеслои										(N/A)		
ANTT-PZ-33 WG A1/423 1345 5 2 3 KXXXX P P P P P P P P P P P P P P P P P	# MƏTI		옥 출 옵 2 芯		1			Devised	'ONH	HOBN EOsSseV	Other	I, F, 504	alsom Vill xibring					200	2738
2 MIT - PZ - 33 WG G PUNZ 1345 5 2 3 KKKKK 5 6 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	-	T-PZ	≥ 9M	_		2	+	2	~			12	X		F	F	4	1-7	4 026
Mark 1972	1	7 0.7	7711		5	1	2 1	+	7		F	-	1	+	+	+			000
ADDITIONAL COMMENTS RELACUISHED BY APPILLATION DATE THE ADDITIONAL COMMENTS RELACUISHED BY APPILLATION DATE THE ACCEPTED BY APPILLATION THE ACCEPTED BY APPILLATION THE AC	N 69	11-12-3	0			22	72	1	ח	T	Ŧ	_	1			-	4	1= 1.1	200
ADDITIONAL COMMENTS RELIAQUISHED BY AFFILATION DATE THE ACCEPTED BY AFFILATION DATE THE ACCEPTED BY AFFILATION DATE THE ACCEPTED BY AFFILATION DATE THE ACCEPTED BY AFFILATION DATE THE ACCEPTED BY AFFILATION DATE THE ACCEPTED BY AFFILATION DATE THE SAMPLER NAME AND SIGNATURE FROM THE ACCEPTED BY AFFILATION DATE THE PRAY NAME OF SAMPLER DATE OF SAMPL	4							F	F		F	E	E			F	L		
ADDITIONAL COMMENTS ADDITI	10							H			П	Н							
ADDITIONAL COMMENTS ADDITIONAL COMMENTS RELINQUISHED BY AFFILLATION C.CR. ASSMITZOZSI ADDITIONAL COMMENTS RELINQUISHED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION ACCEPTED BY ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY AFFILLATION ACCEPTED BY ACCEPTED BY AFFILLATION ACCEPTED BY ACCEPTED BY ACCEPTED BY ACCEPTED BY ACCEPTED BY AC	9								-										
ADDITIONAL COMMENTS RELINGUISHED BY AFFILIATION DATE TIME ACCEPTED BY ACCEPT	7															100			
ADDITIONAL COMMENTS RELINQUISHED BY AFFILLATION ADDITIONAL COMMENTS RELINQUISHED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE TIME ACCEPTED BY AFFILLATION DATE SIGNED SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: SIGNATURE OF SAMPLER: SIGNATURE OF SA	8	The state of the s																	
ADDITIONAL COMMENTS RELINQUISHED BY AFFILIATION DATE TIME ACCEPTED BY ACCEPTED BY	6										H	H	\exists						
ADDITIONAL COMMENTS RELINQUISHED BY / AFPILLATION DATE TIME ACCEPTED BY / AFPILLATION DATE TIME ACCEPTED BY / AFPILLATION DATE TIME ACCEPTED BY / AFPILLATION DATE TIME ACCEPTED BY / AFFILLATION DATE SIGNAL SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Danie, Houser Application Application and Sampler Application	9				1	1	1	1	1		7	1	1			-	-		
ADDITIONAL COMMENTS RELINQUISHED BY AFFILIATION DATE TIME ACCEPTED BY AFFILIATION DATE SIGNAL	=						-				1	1	1				-		
ADDITIONAL COMMENTS RELINQUISHED BY AFFILIATION DATE TIME ACCEPTED BY AFFILIATION DATE TIME ACCEPTED BY AFFILIATION DATE TIME TO AM SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Danie Howorld Control Co	12						-												
SAMPLER NAME AND SIGNATURE STORATURE OF STO		ADDITIONAL COMMENTS	RELING	UISHED BY / A	VEFILIATION		DATE	TIME		ACC	EPTED BY	(I AFFIL	NOTTE	DAT		ME	ø	AMPLE CO	DITIONS
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Danie Haward 11,172 Factorized 13,172 Factorized 13,172 13,172 13,132	IT-CCR-A	SSMT-2023S1	3	grange of the same	/ws		16/23	1615		18	3			-			2	+	
SAMPLER NAME AND SIGNATURE PRINT Name of SAMPLER: Danie Howard OF 11, 17 2 FE SIGNATURE of SAMPLER: Danie 1, 17 2 FE															\vdash	H	H		
SIGNATURE of SAMPLER: DANIE HOWOLD OF SIGNED AS 11, 17 2 FE SIGNED	F				SAMPLER	NAME AND	SIGNATUR	3									ио р	belse	pejul
	Page 5				E 5	SNATURE of	SAMPLER:	à	4	Hewar	200	DATE	Signed	02/14	123	T	Receive	S ybolsing	Samples N/Y)

	1
	/d
,	Pace
- /	

DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

Laboratory receiving samples: Asheville Eden Greenwood	Huntersville	Raleigh	☐ Mechanicsville☐ Atlanta☐ Kernersville☐
Sample Condition Upon Receipt Courier: Commercial Commercial Control Contr	PUWCI s _usps _other:_	1	roject #:
	eals Intact? TYes	□No	Date/Initials Person Examining Contents: 2-17-23
Thermometer:	Bubble Bags No.	ne 🗆 Office	Biological Tissue Frozen? ☐Yes ☐No ☐N/A
Cooler Temp: Cooler Temp Corrected (°C): USDA Regulated Soil (N/A, water sample)	tetor: to.7	∰Wet □Blue	Temp should be above freezing to 6°C Samples out of temp criteria. Samples on ice, cooling process has begun
Did samples originate in a quarantine zone within (check maps)? ☐Yes ☐No	the United States: CA, N	Y, or SC	Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? Yes No
			Comments/Discrepancy:
Chain of Custody Present?	☐YOF □NO	D □N/A	1.
Samples Arrived within Hold Time?	☐Yes ☐No	N/A N/A	2.
Short Hold Time Analysis (<72 hr.)?	□Yey □No	DN/A	3.
Rush Turn Around Time Requested?	☑Yes □No	D □N/A	4.
Sufficient Volume?	Byer DN	D □N/A	5.
	Dys One	7. S. S. S. S. S. S. S. S. S. S. S. S. S.	5.
Correct Containers Used? -Pace Containers Used?	Elygs One		0,
Containers Intact?	Eves ON		7.
Dissolved analysis: Samples Field Filtered?	DY N		8.
Sample Labels Match COC?	Øres □No		9.
-Includes Date/Time/ID/Analysis Matrix:	W	1,	
Headspace in VOA Vials (>5-6mm)?	□Yes □Na	DN/A/	10.
Trip Blank Present?	☐Yes ☐No		11.
Trip Blank Custody Seals Present?	□Yes □Ne	PIN/A	
COMMENTS/SAMPLE DISCREPANCY			Field Data Required? ☐Yes ☐No
		Lo	ot ID of split containers:
CLIENT NOTIFICATION/RESOLUTION		_	
Person contacted:		Date/Time:	
Project Manager SCURF Review:			Date:
Project Manager SRF Review:			Date:



DC#_Title: ENV-FRM-HUN1-0083 v02_Sample Condition Upon Receipt

Effective Date: 11/14/2022

*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

Item#	BP4U-125 mL Plastic Unpreserved (N/A) (CI-)	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 H25O4 (pH < 2) (CI-)	BP3N-250 mL plastic HNO3 (pH < 2)	BP4Z-125 mL Plastic ZN Acetate & NaOH (>9)	BP48-125 mL Plastic NaOH (pH > 12) (CI-)	WGFU-Wide-mouthed Glass jar Unpreserved	AG1U-1 liter Amber Unpreserved (N/A) (CI-)	AG1H-1 liter Amber HCl (pH < 2)	AG3U-250 mL Amber Unpreserved (N/A) (CI-)	AG15-1 liter Amber H2504 (pH < 2)	AG3S-250 mL Amber H2504 (pH < 2)	DG94-40 mL Amber NH4Cl (N/A)(Cl-)	DG9H-40 mL VOA HCI (N/A)	VG9T-40 mL VOA Na252O3 (N/A)	VG9U-40 mL VOA Unpreserved (N/A)	DG9V-40 mt. 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)	BYZN	BP3R-250 mL Plastic (NH2)2504 (9.3-9.7)	AGOU-100 mL Amber Unpreserved (N/A) (CI-)	VSGU-20 mL Scintillation vials (N/A)	DG9U-40 mL Amber Unpreserved vials (N/A)
1	1	1			1	N	1	1			1		1	1	1									2	X			
2	1	1	1		1	N	1	1			1		1	1	1									D.	1			
3	1				1	/	1	1			1		1	1	1	Ξ								1	1			
4	1				1	1	1	1			1		1	1	1									1	1			
5	1				1	1	1	1			1		1	1	1									1	1			
6	1				/	1	1	1			/		1	1	1									1	1			
7	/				1	1	1	1			1		1	1	1									1	1			
8	/				/	1	1	/			1		1	1	/		Na.							1	1			
9	1				1	1	1	/			1		1	1	1	Y								1	1			
10	1				1	1	1	1			1		1	1	/									1	1			
11	1				/	1	1	1			/		1	1	/									1	1			
12	1			77	/	1	1	/			1		1	1	1									1	1			

		pH Ac	ljustment Log for Pres	erved Samples		
Sample ID	Type of Preservative	pH upon receipt	Date preservation adjusted	Time preservation adjusted	Amount of Preservative added	Lot #
		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				

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

Pace Analytical"

Quality Control Sample Performance Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Analyst: Date: Test:

3/7/2023 71704 Worklist: Matrix:

MS/MSD 1 Sample I.D. Sample MS I.D. Sample MSD I.D. MS/MSD Decay Corrected Spike Concentration (pCi/mL): MS Aliquot (L, g, F): MS Target Conc.(pCi/L, g, F): Sample Collection Date Spike I.D.: Spike Volume Used in MS (mL) Spike Volume Used in MSD (mL) Sample Matrix Spike Control Assessment

MSD Aliquot (L, g, F): MSD Target Conc. (pCi/L, g, F):

MS/MSD 2

Sample Matrix Spike Result: MS Status vs Numerical Indicator: MSD Status vs Numerical Indicator: MS Status vs Recovery: MS Spike Uncertainty (calculated): Sample Matrix Spike Duplicate Result: MS Percent Recovery: MSD Percent Recovery: MSD Status vs Recovery: MS/MSD Upper % Recovery Limits: MS/MSD Lower % Recovery Limits: MSD Spike Uncertainty (calculated): MS Numerical Performance Indicator MSD Numerical Performance Indicator Sample Result N LCSD71704

3/10/202; 22-040 33.290 0.10 0.806 4.132 0.202 2.718 0.689

Aliquot Volume (L, g, F): Target Conc. (pCi/L, g, F):

Volume Used (mL):

Uncertainty (Calculated): Result (pCi/L, g, F):

Count Date: Spike I.D.:

Laboratory Control Sample Assessment

Decay Corrected Spike Concentration (pCl/mL):

-3.86 65.80%

Percent Recovery:

Numerical Performance Indicator: Status vs Numerical Indicator:

N/A Pass 135% 60%

Status vs Recovery: Upper % Recovery Limits: Lower % Recovery Limits:

L												_	
	Matrix Spike/Matrix Spike Duplicate Sample Assessment		Sample MS I.D.	Sample MSD I.D.	Sample Matrix Spike Result:	:	Sample Matrix Spike Duplicate Result:		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:
		Enter Duplicate	sample IDs if	other than	LCS/LCSD in	the space below.							
								See Below ##					
	Duplicate Sample Assessment	Sample I.D.:	Duplicate Sample I.D.	Sample Result (oCiv. o. F):		Sample Duplicate Result (pCi/L, g, F):		Are sample and/or duplicate results below RL?	Dunificate Numerical Performance Indicator:	Duplicate RPD:	Dunicate Status vs Numerical Indicator:	Dinicate Status vs RPD.	:imit: GRB%

105/cs0 KPD 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:

plan = 17.46% RA 65.80 - 78.39,

65.80 + 78.39

0 CC PHUR Ra-228 71704 W RI Ra-228 (ENV-FRM-GBUR-0295 02) XIS

1 of 1

Ra-228 NELAC DW2 Printed: 3/13/2023 9:24 AM

Quality Control Sample Performance Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

2/27/2023 Ra-228 Worklist: Matrix: Test: Analyst: Date:

Face Analytical"

0.006 0.256 0.602 0.05 Pass MB concentration: M/B 2 Sigma CSU: MB MDC: MB Status vs Numerical Indicator: MB Status vs. MDC: MB Numerical Performance Indicator: MB Sample ID Method Blank Assessmen

Laboratory Control Sample Assessmen

Count Date: Spike I.D.:

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 (pCl/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:			
initial indicated to the control of			-

22-040 33.333 0.10 0.805 4.141 0.203 3.247 0.839 -2.03 N/A Pass 135% 60% Fail Low** 135% 60% 22-040 33.333 56.48% 0.806 0.10 Result (pCi/L, g, F): LCS/LCSD 2 Sigma CSU (pCi/L, g, F): Upper % Recovery Limits: Lower % Recovery Limits: Aliquot Volume (L, g, F): Target Conc. (pCi/L, g, F): Status vs Recovery: Decay Corrected Spike Concentration (pCi/mL): Volume Used (mL): Uncertainty (Calculated): Numerical Performance Indicator Percent Recovery: Status vs Numerical Indicator:

natrix Spike/Matrix Spike Dupilicate Sample Assessinent	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:	::::::: C00 %

Enter Duplicate sample IDs if other than LCS/LCSD in the space below.

LCS71704 LCSD71704

Sample I.D.: Duplicate Sample I.D.

Duplicate Sample Assessment

Sample Result (pCi/L, g, F):

Sample Result 2 Sigma CSU (pCi/L, g, F): Sample Duplicate Result (pCi/L, g, F):

2.336 0.650 3.247 0.839

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

Duplicate Status vs RPD: % RPD Limit:

Duplicate Status vs Numerical Indicator:

NO -1.681 32.50% Pass Pass 36%

Are sample and/or duplicate results below RL?

Sample Duplicate Result 2 Sigma CSU (pCi/L, g, F):

Duplicate Numerical Performance Indicator: (Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:

Comments:

LCS RI due to personte "Batch must be re-prepped due to LCS failure.

don issue- Reingrowthed / remalyyed 3/10 seet

Ra-228 (ENV-FRM-GBUR-0295 02).xls

Face Analytical"

Quality Control Sample Performance Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Ra-228 Test:

	0.117 0.282 0.631 0.81 Pass Pass	MB 2 Sigma CSU: M/B 2 Sigma CSU: MB NDC: MB NUmerical Performance Indicator: MB Status vs Numerical Indicator: MR Status vs MDC:
	0.282	M/B 2 Sigma CSU:
	0.117	MB concentration:
MS/MSD Dec	2766629	MB Sample ID
	71709 WT	Worklist: Matrix:
Sample Matrix Spike C	JJS1 2/27/2023	Analyst: Date:

Method Blank Assessment

Sample Matrix Spike Control Assessment	MS/MSD 1	MS/MSD 2
Sample Collection Date:	2/16/2023	2/16/2023
Sample I.D.	30564898001	30564898004
Sample MS I.D.	30564898002	30564898005
Sample MSD I.D.	30564898003	30564898006
Spike I.D.:	22-040	22-040
MS/MSD Decay Corrected Spike Concentration (pCi/mL):	33.534	33,534
Spike Volume Used in MS (mL):	0.20	0.20
Spike Volume Used in MSD (mL):	0.20	0.20
MS Aliquot (L, g, F):	0.801	0.806
MS Target Conc.(pCi/l., g, F):	8.374	8.326
MSD Aliquot (L, g, F):	0.808	0.803
MSD Target Conc. (pCi/l, g, F):	8.302	8.352
MS Spike Uncertainty (calculated):	0.410	0.408
MSD Spike Uncertainty (calculated):	0.407	0.409
Sample Result:	0.453	0.497
Sample Result 2 Sigma CSU (pCi/L, g, F):	0.295	0.387
Sample Matrix Spike Result:	8.632	7.219
Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):	1.741	1.497
Sample Matrix Spike Duplicate Result:	8.844	8.032
Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):	1.792	1.633
MS Numerical Performance Indicator:	-0.210	-1.967
MSD Numerical Performance Indicator:	0.094	-0.928
MS Percent Recovery:	97.68%	80.73%
MSD Percent Recovery:	101.07%	90.21%
MS Status vs Numerical Indicator:	Pass	Pass
MSD Status vs Numerical Indicator:	Pass	Pass
MS Status vs Recovery:	Pass	Pass
MSD Status vs Recovery:	Pass	Pass
MS/MSD Upper % Recovery Limits:	135%	135%
MS/MSD Lower % Recovery Limits:	%09	%09

Laboratory Control Sample Assessment

Control Sample Assessment	LCSD (1 of N):	z	
	LCS71709	LCSD71709	
Count Date:	3/3/2023		
Spike I.D.:	22-040		
Decay Corrected Spike Concentration (pCi/mL):	33,366		
Volume Used (mL):	0.10		
Alignot Volume (L. g. F):	0.801		Matı
Target Conc. (pCi/L, g, F):	4.164		
Uncertainty (Calculated):	0.204		
Result (pCi/L, g, F):	5.572		
LCS/LCSD 2 Sigma CSU (pCl/L, g, F):	1.223		
Numerical Performance Indicator:	2.23		
Percent Recovery:	133.82%		
Status vs Numerical Indicator:	A/A		
Status vs Recovery:	Pass		
Upper % Recovery Limits:	135%		
Lower % Recovery Limits:	%09		
Sample Assessment			Matrix Spike/
		Enter Dunlicate	
California Sample 1.D.:		sample IDs if	
Cample Desuit (nCill of E)		other than	
Sample Desuit 2 Sigma CSI (pCi/L o E):		CS/I CSD in	
Sample Dunicate Result (nCi/L or F):		the space below.	
Sample Diplicate Result 2 Sigma CSU (pCi/L o. F):		-	
Are sample and/or duplicate results below RL?	See Below ##		Mat
Duplicate Numerical Performance Indicator:			
Duplicate RPD:			(Based)
Duplicate Status vs Numerical Indicator:			
Duplicate Status vs RPD:			
70 RFD CIIIII.		_	
astion of dunificate precision is not applicable if either the sample or dunificate results are below the MDC.	mole or dunicate	results are below th	e MDC.

Duplicate Sample Assessment

36%	36%	% RPD Limit
Pass	Pass	MS/ MSD Duplicate Status vs RPD:
Pass	Pass	MS/ MSD Duplicate Status vs Numerical Indicator:
11.09%	3.41%	(Based on the Percent Recoveries) MS/ MSD Duplicate RPD:
-0.719	-0.166	Duplicate Numerical Performance Indicator:
1.633	1.792	Matrix Spike Duplicate Result 2 Sigma CSU (pCi/L, g, F):
8.032	8.844	Sample Matrix Spike Duplicate Result:
1.497	1.741	Matrix Spike Result 2 Sigma CSU (pCi/L, g, F):
7.219	8.632	Sample Matrix Spike Result:
30564898006	30564898003	Sample MSD I.D.
30564898005	30564898002	Sample MS I.D.
30564898004	30564898001	Sample I.D.
		Matrix Spike/Matrix Spike Duplicate Sample Assessment

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

Comments:

M 3/4/23

Ra-228 NELAC DW2 Printed: 3/6/2023 9:38 AM

1 of 1

Quality Control Sample Performance Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

SLC 2/24/2023 71703 DW Test: Date: Worklist: Matrix: Analyst:

Face Analytical"

2765353 0.023 0.064 0.156 0.71 N/A Pass MB Sample ID MB concentration: MB Numerical Performance Indicator: MB Status vs Numerical Indicator: MB Status vs. MDC: M/B Counting Uncertainty: MB MDC: Method Blank Assessment

Laboratory Control Sample Assessment

MS/MSD 2 MS/MSD . Sample I.D. Sample MS I.D. Sample MSD I.D. Spike Volume Used in MSD (mL): MS Aliquot (L, g, F): Matrix Spike Duplicate Result Counting Uncertainty (PCi/L, g, F): MS Numerical Performance Indicator: MS/MSD Upper % Recovery Limits: MS/MSD Lower % Recovery Limits: MS/MSD Decay Corrected Spike Concentration (pCi/mt_): Spike Volume Used in MS (mL): MS Target Conc.(pCi/L, g, F): MSD Aliquot (L, g, F): MSD Target Conc. (pCi/L, g, F): Sample Result: Sample Result Counting Uncertainty (pCi/L, g, F): Sample Matrix Spike Result: Matrix Spike Result Counting Uncertainty (pCi/L, g, F): Sample Matrix Spike Duplicate Result: Sample Collection Date: Spike I.D.: MS Spike Uncertainty (calculated) MSD Spike Uncertainty (calculated) MSD Numerical Performance Indicator MS Status vs Numerical Indicator MSD Status vs Numerical Indicator MS Status vs Recovery MSD Status vs Recovery MS Percent Recovery MSD Percent Recovery Sample Matrix Spike Control Assessment

3/14/2023 19-033 24.019 0.10 0.504 4.765 0.057 5.219 0.499 1.77 109.52% N/A Pass 125% 75% 3/14/2023 19-033 24.019 -2.51 87.62% 0.10 0.505 4.757 0.057 4.168 0.457 ٨ Result (pCi/L, g, F): LCS/LCSD Counting Uncertainty (pCi/L, g, F): Upper % Recovery Limits: Lower % Recovery Limits: Count Date: Decay Corrected Spike Concentration (pCi/mL): Volume Used (mL): Aliquot Volume (L, g, F): Uncertainty (Calculated): Status vs Recovery: Target Conc. (pCi/L, g, F): Numerical Performance Indicator: Percent Recovery: Status vs Numerical Indicator: Spike I.D.:

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 Counting Uncertainty (pCi/L, g, F):	Sample Matrix Spike Duplicate Result:	Matrix Spike Duplicate Result Counting Uncertainty (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:

92652738001 92652738001DUP 0.085 0.087 0.097 0.054 See Below ## 2.049 424.17% NA Fail***

0.499

NO -3.043 22.22%

LCS71703 LCSD71703

Sample I.D.: Duplicate Sample I.D.

Duplicate Sample Assessmen

4.168 0.457 5.219

Sample Result (DCirl., g, F):
Sample Result Counting Uncertainty (DCirl., g, F):
Sample Duplicate Result (DCirl., g, F):
Sample Duplicate Result (Ounting Uncertainty (DCirl., g, F):

Are sample and/or duplicate results below RL?

Duplicate Numerical Performance Indicator

(Based on the LCS/LCSD Percent Recovenes) Duplicate RPD:

Duplicate Status vs Numerical Indicator:

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

Duplicate Status vs RPD: % RPD Limit:

Comments:

dote B

314/23

Sec 3/14/123

12/12/23

TAR_71703_W Total Alpha Radium (ENV-FRM-GBUR-0142 R0).xls

TAR DW QC Printed: 3/14/2023 11:52 AM

1 of 1

Pace Analytical"

Quality Control Sample Performance Assessment

Analyst Must Manually Enter All Fields Highlighted in Yellow.

Ra-226	SLC 2/24/2023	71708 DW
Test:	Analyst: Date:	Worklist: Matrix:

				_								
SLC	2/24/2023	71708	DW			2766627	-0.003	0.069	0.194	-0.10	A/N	Pass
Analyst:	Date:	Worklist:	Matrix:	Market Disale Accommons	IMELION DIGITA ASSESSINEIA	MB Sample ID	MB concentration:	M/B Counting Uncertainty:	MB MDC:	MB Numerical Performance Indicator:	MB Status vs Numerical Indicator:	MB Status vs. MDC:

ment MS/MSD 1	Sample Collection Date: Sample I.D.	Sample MS I.D. Sample MSD I.D.	Spike I.D.: (pCi/mL):	(mL):	g, F);	<u>::</u>	~													
nent	ollection Dat Sample I.	ole MS I. MSD I.	pike I.[E (E	, D			1 T	ì 🙃	=	<u>⊬</u> #	<u></u>	¥ (: 16	i.	خ خ	o.	. <u>.</u> .	<u></u>	خ.	ţŞ:
Sample Matrix Spike Control Assessment	Sample Co	Sample	Spike I.D.: MS/MSD Decay Corrected Spike Concentration (pCi/mL):	Spike Volume Used in MS (mL):	Spike Volume Saca in mod (inc): MS Aliquot (L, 9, F):	MS Target Conc.(pCi/L, g, F):	MSD Aliquot (L, g, F):	MSD Target Conc. (pCu/L., g, F): MS Soike Hoseftainty (calculated):	MSD Spike Uncertainty (calculated):	Sample Result:	Sample Result Counting Uncertainty (pCi/L, g, F): Sample Matrix Spike Result:	Matrix Spike Result Counting Uncertainty (pCi/L, g, F):	Sample Matrix Spike Duplicate Result: Matrix Spike Duplicate Result Counting Uncertainty (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:

74/2023 19-033 24.019 0.10 0.502 4.781 0.057 0.509

Volume Used (mL): Aliquot Volume (L, g, F): Target Conc. (pCi/L, g, F): Uncertainty (Calculated):

Decay Corrected Spike Concentration (pCi/mL):

Laboratory Control Sample Assessment

Spike I.D.

Result (p.C./l.c. 9, F):
LCS/LCSD Counting Uncertainty (p.C./l.c. 9, F):
Numerical Performance Indicator:

2.70 114.74% N/A Pass 125% 75%

Status vs Recovery: Upper % Recovery Limits: Lower % Recovery Limits:

Percent Recovery Status vs Numerical Indicator

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 Counting Uncertainty (pCi/L, g, F):	Sample Matrix Spike Duplicate Result:	Matrix Spike Duplicate Result Counting Uncertainty (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:
	LCS71708	LCSD71708	5.486	0.509	5.197	0.525	2	0.773	5.15%	A/N	Pass	72%
Duplicate Sample Assessment	Sample I.D.:	Duplicate Sample I.D.	Sample Result (pCi/L, g, F):	Sample Result Counting Uncertainty (pCi/L, g, F):	Sample Duplicate Result (pCi/L, g, F):	Sample Duplicate Result Counting Uncertainty (pCi/L, g, F):	Are sample and/or duplicate results below RL?	Duplicate Numerical Performance Indicator:	(Based on the LCS/LCSD Percent Recoveries) Duplicate RPD:	Duplicate Status vs Numerical Indicator:	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:

MAM3/14/23

SLC 3/14/23

TAR_71708_W
Total Alpha Radium (ENV-FRM-GBUR-0142 R0).xls

APPENDIX B DATA QUALITY EVALUATION



Page 1 of 17

Data Evaluation Narrative

Project: Plant Mitchell CCR Groundwater Semiannual Event #18

Wood Project Number: 6122160170.2203.**** Site: Ash Ponds 1&2 - Plant Mitchell, Georgia

Matrix: Groundwater

Pace SDG Nos: 92622406 and 92630865

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the Semiannual Event #18 (August and October 2022) conducted at Ash Ponds 1 and 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 these sample delivery groups (SDGs). 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:

Usable Data <u>Qualifier</u> 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). l J* This analyte should be considered "not-detected" because it was detected in an associated blank at a similar level.



Page 2 of 17

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**.

*Samples were recollected in October 2022 and usable data were generated for TDS results previously rejected due to gross exceedance of the analytical holding times.

Deliverables

The data packages, as submitted to WSP USA Environment & Infrastructure Inc. (WSP), formerly Wood Environment & Infrastructure Solutions, Inc. (Wood) are complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW6020B, SW6010D, 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, chromium, cobalt, lead, lithium, molybdenum, selenium, and thallium) by Methods SW6020B and SW6010D (calcium), mercury by Method SW7470A, anions (chloride, fluoride, and sulfate) by Method 300.0, and total dissolved solids (TDS) by Method SM2540C. The anions were analyzed by Pace-Asheville, North Carolina. These data were reported in SDG 92622406.

Select samples were recollected in October 2022 and analyzed for TDS and/or mercury to generate usable data that was previously qualified for exceedance of holding times and the data were reported in SDG 92630865.

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

These SDGs contain the following groundwater and quality control (QC) samples:

SDG 92622406:

	Pace Sample	Sample	DQE		Pace Sample	Sample	DQE
GPC Sample ID	ID	Date	Level	GPC Sample ID	ID	Date	Level
MIT-PZ-1D-WG-20220824	PZ-1D	08/24/22	II	MIT-PZ-25-WG-20220824	PZ-25	08/24/22	П
MIT-PZ-2D-WG-20220824	PZ-2D	08/24/22	Ш	MIT-PZ-31-WG-20220824	PZ-31	08/24/22	П
MIT-PZ-7D-WG-20220825	PZ-7D	08/25/22	II	MIT-PZ-32-WG-20220824	PZ-32	08/24/22	П
MIT-PZ-14-WG-20220825	PZ-14	08/25/22	Ш	MIT-PZ-33-WG-20220824	PZ-33	08/24/22	П
MIT-PZ-15-WG-20220825	PZ-15	08/25/22	Ш	MIT-PZ-57-WG-20220826	PZ-57	08/26/22	П
MIT-PZ-16-WG-20220825	PZ-16	08/25/22	Ш	QC Samples			
				MIT-APA12-EB-01-WQ-			
MIT-PZ-17-WG-20220825	PZ-17	08/25/22	Ш	20220826	EB-01	08/26/22	П
				MIT-APA12-FB-01-WQ-			
MIT-PZ-18-WG-20220825	PZ-18	08/25/22	Ш	20220824	FB-01	08/24/22	П
				MIT-APA12-FD-001-WQ-			
MIT-PZ-19-WG-20220825	PZ-19	08/25/22	Ш	20220824	FD-01	08/24/22	П
				MIT-APA12-FD-002-WQ-			
MIT-PZ-23A-WG-20220825	PZ-23A	08/25/22	Ш	20220825	FD-02	08/25/22	П

These samples were collected from Ash Ponds 1 and 2 between August 24 and August 26, 2022. Sample MIT-APA12-FD-001-WQ-20220824 (FD-001) is a field duplicate of MIT-PZ-1D-WG-20220824 (PZ-1D), and MIT-APA12-FD-002-WQ-20220825 (FD-002) is a field duplicate of MIT-PZ-18-WG-20220825 (PZ-18). The field QC blanks include samples MIT-APA12-FB-01-WQ-20220824 ([FB-01] a field blank sample) and MIT-APA12-EB-01-WQ-20220826 ([EB-01] an equipment blank). The truncated sample IDs (i.e., PZ-18, etc.) will be used to discuss the data quality in this narrative.

The analytical results for the metals, mercury, and anions data are usable with the qualifications discussed in this narrative with the following exceptions: four of nineteen TDS results were considered unusable; therefore, samples were recollected in October and reported in SDG 92630865 as listed below:

SDG 92630865:

GPC Sample ID	Pace Sample ID	Sample Date	DQE Level	QC Sample ID	Pace Sample ID	Sample Date	DQE Level
MIT-PZ-25-WG-20221011	PZ-25	10/11/22	Ш	MIT-APA12-EB-01-WQ-20221011	EB-01	10/11/22	II
MIT-PZ-2D-WG-20221011	PZ-2D	10/11/22	Ш	MIT-APA12-FB-01-WQ-20221011	FB-01	10/11/22	II
MIT-PZ-32-WG-20221011	PZ-32	10/11/22	Ш	MIT-APA12-FD-001-WG-20221011	FD-01	10/11/22	ll l

These samples were collected from Ash Ponds 1 and 2 on October 11, 2022 and analyzed for TDS and/or mercury due to exceedance of analytical holding times. Sample FD-001 is a field duplicate of PZ-25, and the field QC blanks include samples FB-01 (a field blank sample) and EB-01 (an equipment blank). Samples PZ-25, FD-001, FB-01 and EB-01 were additionally analyzed for mercury. The analytical results for the mercury and TDS data are usable with the qualifications discussed in this narrative.

Note: GPC created new sample IDs specific to their database; however, Pace LIMS could not accommodate the GPC sample IDs and reported the samples with the simpler established format.

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 Methods SW6010D and 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 (TI). Each of the Level II components were within laboratory QC limits except for MS/MSD recoveries.

Holding Times

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

Method Blanks

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

<u>Laboratory Control Sample (LCS)</u>

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

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD analyses were performed on samples FD-001, PZ-32, PZ-31, PZ-57, PZ-2D, and PZ-14. The recoveries and RPDs were within QC limits except for calcium in FD-001 and PZ-32.

Action: No qualification was necessary because calcium was present in the parent samples greater than 4 times (4x) the spikes.

Post Digestion Spike (PDS)

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

Field Duplicate Precision

Two blind field duplicate samples were collected and submitted to the laboratory for this sampling event. FD-001 is associated with monitoring well PZ-1D and FD-002 is associated with monitoring well PZ-18. Acceptable duplicate precision was achieved for both duplicate pairs.

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. Sample FB-01 is a field blank and is associated with each of the samples reported in this SDG. Sample EB-01 is an equipment blank associated with monitoring well PZ-57 and reported boron at an estimated concentration (0.0091 milligrams per liter [mg/l]) between the method detection limit (MDL) and the reporting limit (RL). Sample results less than 10x the blank amount may be a field artifact and possibly biased high. Affected sample results below the RL were raised to the RL and flagged as a non-detect (U*) and sample results above the RL were flagged as possibly biased high (J) at the result reported. **Reason Code:**

SDG Nos: 92622406 and 92630865

BE



Action: The boron result for PZ-57 was qualified as estimated and flagged "J".

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of metals by USEPA Methods SW6010D and SW6020B with the exception of boron due to dilution. Samples PZ-16, PZ-15, PZ-18/FD-02, PZ-17, PZ-23A, and PZ-7D required a 5x dilution for boron to bring the concentration into the calibration range or to minimize matrix affects from the presence of elevated levels of non-target analytes or other matrix interference. Sample PZ-14 was re-analyzed due to boron being initially reported as non-detect with an elevated RL, and no qualification of the re-analyzed result was necessary.

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 except for holding time on sample PZ-25. Therefore, sample PZ-25, along with QC samples, were recollected in October 2022 for mercury and reported in SDG 92630865.

Holding Times

The sample analyses were performed within the 28-day analysis holding time except for the August 2022 sample PZ-25, and the associated result was considered estimated (J). Sample PZ-25, plus QC samples, were recollected (reported in SDG 92630865) and were analyzed within the holding time. Therefore, no qualification was required.

Method Blanks

The method blanks associated with the samples analyzed within these SDGs contained no 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 sample PZ-1D (SDG 92622406) and PZ-25 (SDG 92630865), 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

Blind field duplicate sample pairs, PZ-ID/FD-001 and PZ-18/FD-002 (SDG 92622406), and PZ-25/FD-001 (SDG 92630865) were collected and submitted to the laboratory for this sampling

SDG Nos: 92622406 and 92630865 Page 5 of 17



event. The RPD could not be calculated because mercury was not detected in either the parent or duplicate samples.

Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

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

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. Results reported between the MDL and RL were qualified as estimated and flagged "J" by the laboratory. The "J" flags were retained by the validator unless overridden by qualification for other QC criteria.

Anions (EPA 300)

The samples were submitted to Pace for anions (chloride, fluoride, and sulfate) by Method 300. 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 contained no reportable detections of anions.

<u>Laboratory Control Sample (LCS)</u>

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

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD analyses were performed on samples PZ-32 and PZ-7D, and the recoveries and RPDs were within QC limits.

Field Duplicate Precision

Two blind field duplicate sample pairs (PZ-ID/FD-001 and PZ-18/FD-002) 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)

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

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of anions by USEPA Method 300. 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 except for holding time on samples FB-01, PZ-2D, PZ-32, and PZ-25. Therefore, samples FB-01, PZ-2D, PZ-32, and PZ-25, along with QC samples, were recollected in October 2022 for TDS and reported in SDG 92630865.

Holding Times

The sample analyses were performed within the 7-day analysis holding time except for August 2022 samples FB-01, PZ-2D, PZ-32, and PZ-25, and the associated results are considered unusable (R) because the samples were analyzed outside twice the recommended holding time. Therefore, samples were recollected (SDG 92630865) and TDS was analyzed within the holding time and the data is usable without qualification.

Method Blanks

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

<u>Laboratory Control Sample (LCS)</u>

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

Laboratory Duplicate Precision

Laboratory duplicate analysis was performed on project sample PZ-18 and the RPD was within QC limits.

Field Duplicate Precision

Blind field duplicate sample pairs, PZ-ID/FD-001 and PZ-18/FD-002 (SDG 92622406), and PZ-25/FD-001 (SDG 92630865) 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 blanks or the 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. DQE flags were not applied or edited based on professional judgment.

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: <u>DWK 09/30/22</u> Checked By/Date: <u>JAH 10/03/22</u> Revised by/Date: <u>DWK 10/19/22</u> Checked By/Date: <u>JAH 11/07/22</u>

SDG Nos: 92622406 and 92630865 Page 8 of 17



TABLE 1 SUMMARY OF DATA QUALIFIERS

SDG Nos: 92622406 and 92630865 Page 9 of 17

Data Validation Narrative – SDGs 92622406 and 92630865 Plant Mitchell Ash Ponds 1 and 2 Wood Project No. 6122160170

TABLE 1

SUMMARY OF DATA QUALIFIERS SAMPLE DELIVERY GROUP 92622406 / 92630685

SAMPLING DATES: August 24-26, 2022 / October 11, 2022

Plant Mitchell Ash Ponds 1 and 2

Field Sample ID	Location ID	Туре	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
SDG: 92622406 - Colle	ected August 2022:									
PZ-25*	PZ-25	N	92622406	2540C	total dissolved solids	286	H1	R	Н	mg/L
PZ-25*	PZ-25	N	92622406	7470A	mercury	0.00018	J,H1	J	Н	mg/L
PZ-2D*	PZ-2D	N	92622406	2540C	total dissolved solids	287	H1	R	Н	mg/L
PZ-32*	PZ-32	N	92622406	2540C	total dissolved solids	172	H1	R	Н	mg/L
PZ-57	PZ-57	N	92622406	6020B	boron	0.18		J	BE	mg/L
FB-01*	FB-01	FB	92622406	2540C	total dissolved solids	ND	H1	UR	Н	mg/L
SDG: 92630865 (Resa	mple) - Collected Octobe	er 2022:								

Notes:

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

*Samples PZ-25, PZ-2D, PZ-32 and FB-01 were resampled for TDS and PZ-25 was additionally resampled for mercury on October 11, 2022. Both TDS and mercury were ananlyzed within analytical holding times; therefore, all data are usable. The resampled data were reported in SDG 92630865.

Laboratory Qualifiers:

H1 = Holding time was exceeded

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

Reason Codes:

BE = Equipment blank contamination. The result should be considered biased high.

H = Holding time was exceeded

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.

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

Prepared by/Date: <u>DWK 09/30/22</u> Checked by/Date: <u>JAH 10/03/22</u>



DQE CHECKLISTS

SDG Nos: 92622406 and 92630865 Page 10 of 17



LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 18

Project No: 6122160170.2203.****

Method: Metals by SW6010D/SW6020B

Laboratory and Lot: Pace SDG: 92622406 (Pace - Peachtree Corners, GA)

Reviewer/Date: <u>D. Knaub 09/30/22</u> Senior Reviewer/Date: <u>J. Hartness 10/03/22</u> Revised/Date: <u>D. Knaub 10/19/22</u> Revision Reviewer/Date: <u>J. Hartness 11/07/22</u>

YES NO NA COMMENTS

Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace.

Report revised after re-analysis of boron in PZ-14

Sample Preservation and cooler temperature met (HNO₃ to pH<2;

6°C±2) 5.8°C OK

Holding times met (180 days)

OK

QC Blanks Review - any MB results above RL?

Method Blanks:

p. 31 SW6010D MB 3759360 (Ca only) = ND

p. 32 SW6010D MB 3765178 (Ca only) = ND

p. 33 SW6010D MB 3776437 (Ca only) = ND

p. 34 SW6020B MB 3765186 = ND

p. 36 SW6020B MB 3765581 = ND

p. 38 SW6020B MB 3776575 = ND

p. 40 SW6020B MB 3797015 (B re-anal)= ND

Field/Equipment Blanks:

EB-01 (assoc. w/ PZ-57) B= 0.0091J mg/L **B result for PZ-57 flagged "J"**

FB-01 = ND (associated with all samples)

Laboratory Control Sample (LCS) recovery within limits (Metals 70-130%, Hg = 80-120%)

130%, ng = 60-120%)

p. 31 SW6010D LCS 3759361 – Ca =109% OK

p. 32 SW6010D LCS 3765179 - Ca = 106% OK

p. 33 SW6010D LCS 3776438 - Ca = 97% OK

p. 34 SW6020B LCS 3765187 – All OK

p. 36 SW6020B LCS 3765582 – All OK

p. 38 SW6020B LCS 3776576 – All OK

p. 40 SW6020B LCS 3797016 B = 106%



Metals (SW6010D/6020B) continued:

YES NO NA COMMENTS

X

Lab Duplicate - Field Duplicate precision goals met (lab limits - 20%)

<u>Constituent</u>	PZ-1D (mg/L)	FD-001 (mg/L)	RPD/Diff & RL
Ca	45.8	46.4	1.3
Ba	0.015	0.013	14.3
В	0.011J	ND	0.029 0.04
Cr	0.0025J	0.0023J	0.0002 0.005
Мо	0.00088J	0.00085J	0.000030.01
<u>Constituent</u>	PZ-18 (mg/L)	FD-002 (mg/L)	RPD/Diff & RL
Ca	141	147	4.2
Ba	0.026	0.025	3.9
В	0.39	0.38	2.6
Li	0.0033J	0.0033J	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).

p. 36 Lab dup on non-project sample



Matrix Spike recoveries and RPDs within limits (if applicable: 75-125%, RPD 20)

p. 31 SW6010D (Ca only) – Not a sample from this SDG

p. 32 SW6010D (Ca only) – FD-001 Ca = 249, 352% RPD = 2 No flag, sample > 4x spike

p. 33 SW6010D (Ca only) - PZ-32 Ca = 100, 212% RPD = 2 No flag, sample > 4x spike

p. 34-35 SW6020B **PZ-31** - All %rec and RPDs OK

p. 36-37 SW6020B **PZ-57** - All %rec and RPDs OK

p. 38-39 SW6020B **PZ-2D** - All %rec and RPDs OK

p. 40 SW6020B **PZ-14 (re-anal)** – B = 95, 98% RPD 3



Post Digestion Spike recoveries within limits (if applicable: 80-120%)

Not reported for L2 data package



Total metals vs dissolved metals (RPD < 20% or diff. < RL)

No dissolved results in this SDG



EDD Data Verification vs. Hardcopy (10% samples for each SDG)

Checked each sample in this SDG, all OK (19 samples total)

Dilutions: 5x for boron in samples PZ-16, PZ-15, PZ-18/FD-02, PZ-17, PZ-23A, PZ-7D, and PZ-14.

PZ-14 re-anal. w/ no dilution



LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 18

Project No: 6122160170.2203.**** Method: Hg by SW7470A

X

X

X

Laboratory and Lot: Pace SDG: 92622406 (Pace - Peachtree Corners, GA)

Reviewer/Date: D. Knaub 09/30/22 Senior Reviewer/Date: J. Hartness 10/03/22/rev: 11/07/22

Laboratory and Lot: Pace SDG: 92630865 (Pace - Peachtree Corners, GA) - Resamples

Reviewer/Date: J. McIntyre 10/26/22 Senior Reviewer/Date: D. Knaub 10/28/22

YES NO **COMMENTS**

Sample PZ-25 (plus QC samples: FD-001, EB-01 and FB-01) recollected in October 2022 due to holding time exceedance and reported in SDG 92630865.

Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace.

Sample Preservation and cooler temperature met (HNO₃ to pH<2;

6°C±2)

SDG: 92622406: 5.8°C. OK

SDG: 92630865: 8.6°C – Samples were delivered on ice by the sample collector and were only 0.6°C above limit, therefore no qualification

was necessary.

Holding times met (Hg = 28 days)

SDG: 92622406: Sample **PZ-25** anal. 1 day out of hold, **assoc. result** flagged "J" - recollected and analyzed within hold (see below)

SDG: 92630865: Coll: 10/11/22; Prep: 10/17/22 Anal: 10/18/22 – All ok

QC Blanks Review - any MB results above RL?

SDG: 92622406: Method Blanks:

p. 40 MB 3765117 Hg = ND p. 41 MB 3774316 Hg = ND

p. 42 MB 3774337 Hg = ND Field/Equipment Blanks:

FB-01 = ND (associated with all samples) EB-01 = ND

SDG: 92630865: Method Blanks: p. 12 MB 3804947 Hg = ND Field and Equipment Blanks:

EB-01 = ND FB-01 = ND

Laboratory Control Sample (LCS) recovery within limits (Metals 70-

130%, Hg = 80-120%)

SDG: 92622406: p. 40 LCS 3765118 – Hg = 97%; p. 41 LCS 3774317 Hg = 102%

p. 42 LCS 3774338 Hg = 109%

SDG: 92630865: p. 12 LCS 3804948 – Hg = 86%

Lab Duplicate - Field Duplicate precision goals met (lab limits - 20%)

SDG: 92622406:

PZ-1D (mg/L) **FD-001** (mg/L) RPD/Diff & RL Hg ND ND NΑ

RPD/Diff & RL **PZ-18** (mg/L) **FD-002** (mg/L)

Hg ND NA

SDG: 92630865:

PZ-25 (mg/L) **FD-01** (mg/L) RPD/Diff & RL

both ND for Ha



Mercury (SW7470A) continued:

YES NO NA COMMENTS

X

Matrix Spike recoveries and RPDs within limits (if applicable: 75-125%, RPD 20)

SDG: 92622406:

p. 40 - PZ-1D Hg = 89, 91% RPD = 2
 p. 41 - not a sample from this SDG
 p. 42 - not a sample from this SDG

SDG: 92630865:

p. 12 - PZ-25 Hg = 82, 79% RPD = 4

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)

SDG: 92622406: Checked each sample in this SDG, all OK (19 samples) **SDG: 92630865**: Checked each sample in this SDG, all OK (4 samples) *No samples in these SDGs required a dilution.*



LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 18

Project No: 6122160170.2203.****

Method: Anions (chloride, fluoride, sulfate) by EPA 300

Laboratory and Lot: Pace SDG: 92622406 (Pace - Peachtree Corners, GA)

Reviewer/Date: D. Knaub 09/30/22 Senior Reviewer/Date: J. Hartness 10/03/22; rev 11/07/22

YES NO NA COMMENTS

No samples in this SDG required a dilution

Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace

Sample Preservation and cooler temperature met (Cool to 6°C)

5.8°C. OK

Holding times met (28 days)

OK

QC Blanks Review - Any detections above RL?

Method Blanks:

p. 46 MB 3757656 = ND p. 47 MB 3760016= ND

p. 48 MB 3760039 = ND <u>Field/Equipment Blanks</u>: EB-01 = ND; FB-01 = ND

Laboratory Control Sample (LCS) recovery within lab limits (90-110%)

p. 46 LCS 3757657= All OK p. 47 LCS 3760017 = All OK

p. 48 LCS 3760040 = All OK

Lab Duplicate - Field Duplicate precision goals met (20%)

Constituent **PZ-1D** (mg/L) **FD-001** (mg/L) RPD/Diff & RL chloride 2.6 2.6 0.0 fluoride 0.08J 0.076J 0.004 0.1 sulfate 2.2 2.2 0.0

Constituent **PZ-18** (mg/L) **FD-002** (mg/L) RPD/Diff & RL chloride 4.6 4.6 0.0 fluoride 0.052J 0.054J0.002 0.1 sulfate 96.3 95.6 07

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).

Matrix Spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20)

p. 46 Not a sample in this SDG

p. 47 PZ-32 %Recs and RPDs OK (2nd MS/MSD is not a sample in this SDG)

p. 48 PZ-7D %Recs and RPDs OK (2nd MS/MSD is not a sample in this SDG)

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

Checked each sample in this SDG, all OK (19 samples total)



LEVEL II DATA QUALITY VALIDATION RECORD

Project: Plant Mitchell CCR Semiannual Event 18

Project No: <u>6122160170.2203.****</u> **Method:** <u>TDS by SM2540C</u>

Laboratory and Lot: Pace SDG: 92622406 (Pace - Peachtree Corners, GA)

Reviewer/Date: D. Knaub 09/30/22 Senior Reviewer/Date: J. Hartness 10/03/22; rev 11/07/22 Laboratory and Lot: Pace SDG: 92630865 (Pace – Peachtree Corners, GA) - Resamples

Reviewer/Date: J. McIntyre 10/26/22 Senior Reviewer/Date: D. Knaub 10/28/22

<u>YES NO</u> NA

COMMENTS

p. 44 MB 3754817= ND

Sample PZ-2D, PZ-25, and PZ-32 (plus QC samples: FD-001, EB-01 and FB-01) recollected in October 2022 due to holding time exceedance and reported in SDG 92630865.

Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace.

Sample Preservation and cooler temperature met (Cool 6°C±2) SDG: 92622406: 5.8°C. OK

SDG: 92630865: 8.6°C – Samples were delivered on ice by the sample collector and were only 0.6°C above limit, therefore no qualification

was necessary.

X

Holding times met (TDS = 7 days)

SDG: 92622406: Samples FB-01, PZ-2D, PZ-32, and PZ-25 anal. out of hold,

results flagged "R" - recollected and analyzed within hold (see

below)

SDG: 92630865: All OK

X

QC Blanks Review - any MB results above RL?

SDG: 92622406: Method Blanks:

p. 43 MB 3754176 = ND

p. 44 MB 3760948 = ND

<u>Field/Equipment Blanks</u>:

EB-01 = ND; FB-01 = ND

SDG: 92630865: Method Blanks:

p. 13 MB 3802695 = ND

Field and Equipment Blanks:

EB-01 = ND; FB-01 = ND

X

Laboratory Control Sample (LCS) recovery within limits

SDG: 92622406: p. 43 LCS 3754177 TDS = 96%;p. 44 LCS 3754818 TDS = 96%

p. 40 LCS 3760947 TDS = 95%

SDG: 92630865: p. 13 LCS 3802696 TDS = 95%

X

Lab Duplicate - Field Duplicate precision goals met (lab limits - 20%)

SDG: 92622406:

Constituent PZ-1D (mg/L) FD-01 (mg/L) RPD/Diff & RL

TDS 139 142 2.1

Constituent PZ-18 (mg/L) FD-02 (mg/L) RPD/Diff & RL

TDS 446 432 3.2

Lab Duplicates:

p. 43 PZ-1D RPD = 5- ok PZ-23A RPD = 3 - ok

p. 44 – not project samples

p. 45 FB-1 RPD NC, both ND and the other dup = not project sample



TDS (SM2540C) continued: YES NO NA

X

COMMENTS

X

Lab Duplicate - Field Duplicate precision goals met (lab limits - 20%) SDG: 92630865:

 Constituent
 PZ-25 (mg/L)
 FD-01 (mg/L)
 RPD/Diff & RL

 TDS
 267
 260
 2.3

Lab Duplicates:

p. 13 – not project samples

Matrix Spike recoveries and RPDs within limits (if applicable: 75-125%, RPD 20)

Not applicable to TDS

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

SDG: 92622406: Checked each sample in this SDG, all OK (19 samples) **SDG: 92630865**: Checked each sample in this SDG, all OK (6 samples)

No samples in this SDG required a dilution.



Data Evaluation Narrative

Project: Plant Mitchell CCR Groundwater Semiannual Event #18 - Radium

Wood Project Number: 6122160170.2103.****
Site: Ash Ponds 1&2 - Plant Mitchell, Georgia

Matrix: Groundwater

Pace SDG Nos: 92622414

Introduction

A data quality evaluation (DQE) was performed on the radium data reported for the Semiannual Event #18 (August 2022) conducted at Ash Ponds I and 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 these sample delivery groups (SDGs). 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:

<u>Qualifier</u>	<u>Usable Data</u>
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
03	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.

SDG Nos: 92622414 Page 1 of 8



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 Environment & Infrastructure 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 92622406. Samples were sent from Pace's Georgia facility to their laboratory in Greenburg, 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:

GPC Sample ID	Pace	Sample	DQE	GPC Sample ID	Pace	Sample	DQE
	Sample ID	Date	Level	•	Sample ID	Date	Level
MIT-PZ-1D-WG-20220824	PZ-1D	08/24/22	П	MIT-PZ-25-WG-20220824	PZ-25	08/24/22	П
MIT-PZ-2D-WG-20220824	PZ-2D	08/24/22	П	MIT-PZ-31-WG-20220824	PZ-31	08/24/22	П
MIT-PZ-7D-WG-20220825	PZ-7D	08/25/22	II	MIT-PZ-32-WG-20220824	PZ-32	08/24/22	II
MIT-PZ-14-WG-20220825	PZ-14	08/25/22	Ш	MIT-PZ-33-WG-20220824	PZ-33	08/24/22	Ш
MIT-PZ-15-WG-20220825	PZ-15	08/25/22	Ш	MIT-PZ-57-WG-20220826	PZ-57	08/26/22	Ш
MIT-PZ-16-WG-20220825	PZ-16	08/25/22	Ш	QC Samples			
MIT-PZ-17-WG-20220825	PZ-17	08/25/22	Ш	MIT-APA12-EB-01-WQ-20220826	EB-01	08/26/22	П
MIT-PZ-18-WG-20220825	PZ-18	08/25/22	Ш	MIT-APA12-FB-01-WQ-20220824	FB-01	08/24/22	Ш
MIT-PZ-19-WG-20220825	PZ-19	08/25/22	Ш	MIT-APA12-FD-001-WQ-20220824	FD-01	08/24/22	Ш
MIT-PZ-23A-WG-20220825	PZ-23A	08/25/22	П	MIT-APA12-FD-002-WQ-20220825	FD-02	08/25/22	11

These samples were collected from Ash Ponds 1 and 2 between August 24 and August 26, 2022. Sample DUP-01 is a field duplicate of PZ-1D, and DUP-02 is a field duplicate of PZ-18. The field QC blanks include FB-1, a field blank sample, and EB-1, an equipment blank.

SDG Nos: 92622414 Page 2 of 8



GPC created new sample IDs specific to their database; however, Pace LIMS could not accommodate the GPC sample IDs and reported the samples with the simpler established format.

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), and total radium by Methods SW9315 and SW9320. Total radium was measured by calculation. Each of the Level II components were within QC limits except for field blank contamination.

Holding Times

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

Method Blanks

One of the method blanks contained reportable concentrations of radium above the minimum detectable concentration (MDC); however, no qualification was required because the associated results were not detected in the respective samples.

Laboratory Control Sample (LCS)

The LCS recoveries were within QC limits.

Laboratory Duplicate Precision

A laboratory duplicate was not performed on any project sample in this SDG.

Field Duplicate Precision

Two blind field duplicate samples were collected and submitted to the laboratory for this sampling event. Sample DUP-1 is associated with monitoring well PZ-1D, and DUP-2 is associated with monitoring well PZ-18. RPDs were evaluated for results greater than 5 times the MDC. Radium was not detected in either sample duplicate pair, therefore, precision could not be assessed.

Sampling Accuracy (Equipment Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. The equipment blank sample EB-1 and field blank, FB-01 did not contain Ra-226 and Ra-228 above the MDC.

Carrier and Tracer Yield Recoveries

The carrier and tracer yield recoveries for the samples and QC were not provided.

SDG Nos: 92622414 Page 3 of 8



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: <u>JPM 10/27/22</u> Checked By/Date: <u>DWK 10/28/22</u>

SDG Nos: 92622414 Page 4 of 8



TABLE 1 SUMMARY OF DATA QUALIFIERS

SDG Nos: 92622414 Page 5 of 8

Data Validation Narrative – SDG 92622414

Plant Mitchell Ash Ponds 1 and 2

Wood Project No. 6122160170

August 2022

TABLE 1 SUMMARY OF DATA QUALIFIERS SAMPLE DELIVERY GROUP 92622414 SAMPLING DATES: August 24-26, 2022 Plant Mitchell Ash Ponds 1 and 2

Field Sample ID	Location ID	Type	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
				NO QUALIFIC	ATION REQUIRED					

Notes:

No qualification was required for the data reported in this sample delivery group.

Prepared by/Date: <u>JPM 10/27/22</u> Checked by/Date: <u>DWK 10/28/22</u>



DQE CHECKLISTS

SDG Nos: 92622414 Page 6 of 8



Project: Plant Mitchell CCR Semiannual Event 18

Project No: 6122160170.2203.****

Method: Radium-226, Radium-228, Total Radium by EPA 9315 and EPA 9320

Laboratory and Lot: Pace SDG: 92622414 (Pace-Greensburg, PA)

Reviewer/Date: J. McIntyre 10/26/22 Senior Reviewer/Date: D. Knaub 10/28/22

YES NO NA COMMENTS Χ **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 (HNO₃ to pH<2) 5.8, 5.9, 3.8, 4.8, 5.1, 5.4 °C. OK Χ Holding times met (180 days) Collected: 08/24/22-8/26/22 Analyzed: Ra-226: 09/22/22 Analyzed: Ra-228: 09/13/22, 09/21/22, 10/04/22 Total Ra: 09/22/22, 10/05/22 X QC Blanks Review (net blank value <MDC) p. 30 Ra-228 (2572179) = present but <MDC p. 31 Ra-226 (2574652) = present but <MDC p. 32 Ra-228 (2599416) = present but <MDC p. 33 Ra-226 (2572345) = present but <MDC p. 34 Ra-228 (2574648) = **0.757** pCi/L (associated sample PZ-57) Assoc. result ND, no flag Field/Equipment Blanks: p. 15 FB-1 = present but <MDC (negative Ra-226 result < negative MDC) p. 28 EB-1 = present but <MDC Χ Laboratory Control Sample (LCS) recovery within lab limits (60-135%) p. 58 LCS68670 Ra-228 = 84.37% P. 59 LCS68728 Ra-228 = 113.74% P. 60 LCS68728/LCSD69055 Ra-228 = 84.92, 89.91% RPD = 5.7 p. 61 LCS68700/LCSD68700 Ra-226 = 93.92, 114.68% RPD = 20.57 p. 62 LCS68731/LCSD68731 Ra-226 = 104.14, 92.84% RPD = 11.48 Χ Lab Duplicate - Field Duplicate precision goals met (lab limits); lab dup every 10 samples (RPD = RER (2σ) <3) Constituent PZ-1D (pCi/L) DUP-1 (pCi/L) RPD present but <MDC Constituent <u>PZ-18 (pCi/L)</u> DUP-2 (pCi/L) RPD present but <MDC Lab Duplicates: (also see LCS precision above) p. 59, 61, and 62 are not samples from this SDG

SDG Nos: 92622414 Page 7 of 8

p. 58 not a sample from this SDG

Matrix Spike recoveries and RPDs within limits (if applicable)

X



YES NO NA COMMENTS

Carrier/Tracer Yield Recovery Ra-226 (Carrier: Ba);
 Ra-228 (Carrier Ba, Tracer: Y) (30-110%)
 Not provided

EDD Data Verification vs. Hardcopy (10% samples for each SDG).

Checked each sample in this SDG, all OK (20 samples total)

SDG Nos: 92622414 Page 8 of 8



Data Evaluation Narrative

Project: Plant Mitchell CCR Groundwater Semiannual Event #19

WSP Project Number: 6122160170.2303.****
Site: Ash Ponds 1&2 - Plant Mitchell, Georgia

Matrix: Groundwater

Pace SDG Nos: 92652734

Introduction

A data quality evaluation (DQE) was performed on the laboratory data reported for the Semiannual Event #19 (February 2023) conducted at Ash Ponds 1 and 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 these sample delivery groups (SDGs). 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:

<u>Qualifier</u> J	Usable Data 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

SDG Nos: 92652734 Page 1 of 14

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 Environment & Infrastructure Inc. (WSP), formerly Wood Environment & Infrastructure Solutions, Inc. (Wood) are complete to perform a Level II DQE for United States Environmental Protection Agency (USEPA) Methods SW6020B, SW6010D, SW7470A, SM2540C, and EPA 300.0. The lab report was revised because sample MIT-APA12-FB-01 was incorrectly named MIT-PAPA12-FB-01 by the laboratory and the field sample time of 12:20 for sample MIT-PZ-2D was incorrectly recorded as 10:45 under "Field Data".

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, chromium, cobalt, lead, lithium, molybdenum, selenium, and thallium) by Methods SW6020B and SW6010D (calcium), mercury by Method SW7470A, anions (chloride, fluoride, and sulfate) by Method 300.0, and total dissolved solids (TDS) by Method SM2540C. The anions were analyzed by Pace-Asheville, North Carolina. These data were reported in SDG 92652734.

Samples were also sent from Pace's Georgia facility to their laboratory in Greenburg, Pennsylvania and analyzed for radium-226, radium-228, and total radium by Methods SW9315 and SW9320. The radium data were reported in SDG 9265738 and narrated 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.

SDG Nos: 92652734 Page 2 of 14



Sample Identification

This SDG contains the following groundwater and quality control (QC) samples:

SDG 92652734:

	Sample	DQE		Sample	DQE
GPC Sample ID	Date	Level	GPC Sample ID	Date	Level
MIT-PZ-1D	02/14/23	П	MIT-PZ-31	02/14/23	Ш
MIT-PZ-2D	02/14/23	П	MIT-PZ-32	02/14/23	Ш
MIT-PZ-7D	02/15/23	II	MIT-PZ-33	02/16/23	Ш
MIT-PZ-14	02/14/23	П	MIT-PZ-57	02/16/23	Ш
MIT-PZ-15	02/15/23	II	QC Samples		
MIT-PZ-16	02/15/23	П	MIT-APA12-EB-01	02/15/23	Ш
MIT-PZ-17	02/16/23	П	MIT-APA12-EB-02	02/16/23	П
MIT-PZ-18	02/15/23	П	MIT-APA12-FB-01	02/14/23	Ш
MIT-PZ-19	02/15/23	П	MIT-APA12-FB-02	02/16/23	Ш
MIT-PZ-23A	02/14/23	II	MIT-APA12-FD-01	02/15/23	Ш
MIT-PZ-25	02/15/23	П	MIT-APA12-FD-02	02/15/23	Ш

These samples were collected from Ash Ponds 1 and 2 between February 14 and February 16, 2023. Sample MIT-APA12-FD-01 is a field duplicate of MIT-PZ-19, and MIT-APA12-FD-02 is a field duplicate of MIT-PZ-25. 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 by WSP for inclusion in the EQuIS database as instructed by GPC by adding the sample type code (WG [groundwater], WQ [water quality]) and the sample date (YYYYMMDD [i.e., 20230214]); example: MIT-PZ-14-WG-20230214.

The analytical results for the metals, mercury, and anions data 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 Methods SW6010D and 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 recoveries.

Holding Times

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

Method Blanks

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

Laboratory Control Sample (LCS)

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

SDG Nos: 92652734 Page 3 of 14



Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD analyses were performed on samples PZ-18, PZ-33, and MIT-APA12-FB-01. The recoveries and RPDs were within QC limits except for calcium in PZ-18 and PZ-33.

Action: No qualification was necessary because calcium was present in the parent samples 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.

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 FB-01 and FB-02 are field blanks and are associated with samples PZ-2D and PZ-57, respectively. Samples EB-01 and EB-02 are equipment blanks. EB-01 is an equipment blank of the discharge tubing for dedicated bladder pumps and EB-02 is the equipment blank associated with monitoring well PZ-57. None of the field or equipment blanks contained reportable detections of metals.

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of metals by USEPA Methods SW6010D and SW6020B.

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 these SDGs contained no reportable detections of mercury.

SDG Nos: 92652734 Page 4 of 14



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 sample PZ-7D and PZ-2D, 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.

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)

The samples were submitted to Pace for anions (chloride, fluoride, and sulfate) by Method 300. Each of the Level II components were within laboratory QC limits except for MS/MSD recoveries.

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.

<u>Laboratory Control Sample (LCS)</u>

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

Matrix Spike/Matrix Spike Duplicate (MS/MSD)

MS/MSD analyses were performed on samples PZ-15 and PZ-1D, and the MS recovery for sulfate was below the lower QC limit in sample PZ-15.

SDG Nos: 92652734 Page 5 of 14



Action: No qualification was necessary because the MS recovery and RPD were within QC limits.

Field Duplicate Precision

As previously noted, two blind 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)

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

Reporting Limits

The laboratory RLs were below the screening values for samples submitted for the analysis of anions by USEPA Method 300. 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 except for laboratory duplicate precision and field/equipment blanks.

Holding Times

The sample analyses were performed within the 7-day analysis 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 PZ-23A and PZ-7D, and the RPD was above the QC limit for PZ-7D.

Action: The TDS result for sample PZ-7D was qualified as estimated and flagged "J".

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.

SDG Nos: 92652734 Page 6 of 14



Sampling Accuracy (Equipment Rinsate Blanks, Field Blanks)

TDS was detected in the equipment blank EB-01 at 45 mg/L and in field blank FB-02 at 57.9 mg/L. However, no qualification is necessary for TDS detections in the field or equipment blanks per guidance from SCS.

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.

<u>Overall Site Evaluation and Professional Judgment Flagging Changes</u>

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.

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: <u>DWK 03/13/23</u> Checked By/Date: <u>JAH 03/16/23</u>

SDG Nos: 92652734 Page 7 of 14



TABLE 1 SUMMARY OF DATA QUALIFIERS

SDG Nos: 92652734 Page 8 of 14

Data Validation Narrative – SDG 92652734 Plant Mitchell Ash Ponds 1 and 2 WSP Project No. 6122160170

TABLE 1 SUMMARY OF DATA QUALIFIERS SAMPLE DELIVERY GROUP 92652734 SAMPLING DATES: February 14 - 16, 2023

Plant Mitchell Ash Ponds 1 and 2

Field Sample ID	Location ID	Туре	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
MIT-PZ-7D	PZ-7D	N	92652734	2540C	total dissolved solids	335	D6	J	LD	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:

D6 = The precision between the sample and the sample duplicate exceeded laboratory control limits.

Reason Codes:

LD = Laboratory duplicate precision.

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: <u>DWK 03/13/23</u> Checked by/Date: <u>JAH 03/16/23</u>



DQE CHECKLISTS

SDG Nos: 92652734 Page 9 of 14



Project: Plant Mitchell CCR Semiannual Event 19

Project No: 6122160170.2303.****

X

Method: Metals by SW6010D/SW6020B

Laboratory and Lot: Pace SDG: 92652734 (Pace – Peachtree Corners, GA)

Reviewer/Date: D. Knaub 03/10/23 Senior Reviewer/Date: J. Hartness 03/16/23

YES NO NA COMMENTS

Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace.

Sample Preservation and cooler temperature met (HNO₃ to pH<2;

6°C±2)

Temps. = 5.1, 5.8, 4.9°C - OK

Holding times met (180 days)

OK

QC Blanks Review – any MB results above RL?

Method Blanks:

p. 34 SW6010D MB 3940790 (Ca only) = ND p. 35 SW6010D MB 3941289 (Ca only) = ND

p. 36 SW6020B MB 3940795 = ND p. 37 SW6020B MB 3941296 = ND

<u>Field/Equipment Blanks</u>: EB-01 and EB-02 = ND

FB-01 and FB-02 = ND

Laboratory Control Sample (LCS) recovery within limits (Metals 70-

130%, Hg = 80-120%)

p. 34 SW6010D LCS 3940791 – Ca =100% OK p. 35 SW6010D LCS 3941290 – Ca =99% OK

p. 36 SW6020B LCS 3940796– All OK p. 37 SW6020B LCS 3941297 – All OK

SDG Nos: 92652734 Page 10 of 14



Metals (SW6010D/6020B) continued:

YES NO NA COMMENTS

X

Lab Duplicate - Field Duplicate precision goals met (lab limits - 20%)

Constituent	PZ-19 (mg/L)	FD-01 (mg/L)	RPD/Diff & RL
Ca	144	146	1.4
Ba	0.051	0.048	6.0
В	0.54	0.53	1.8
Li	0.0113	0.011J	0.0000 0.03
Мо	0.0016J	0.0015J	0.0001 0.01
Se	0.0036J	0.0034J	0.0002 0.005
TI	0.00051J	0.0005J	0.00001 0.001
<u>Constituent</u>	PZ-25 (mg/L)	FD-02 (mg/L)	RPD/Diff & RL
Ca	86.9	84.1	3.3
Ba	O.1	O.11	9.5
В	0.17	0.18	5.7
Co	0.0012J	0.0011J	0.0001 0.005
Li	0.0057J	0.0059J	0.0002 0.03
TI	0.00045J	0.00046J	0.00001 0.001

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



Matrix Spike recoveries and RPDs within limits (if applicable: 75-125%, RPD 20)

p. 34 SW6010D (Ca only) – **PZ-18** – Ca = -1010, -626% RPD = 2 No flag, sample > 4x spike p. 35 SW6010D (Ca only) –**PZ-33** Ca = 607, 405% RPD = 2 No flag, sample > 4x spike

p. 37 SW6020B **MIT-APA12-FB-01** - All %rec and RPDs OK p. 39 SW6020B - not a sample from this SDG



Post Digestion Spike recoveries within limits (if applicable: 80-120%)

Not reported for L2 data package



Total metals vs dissolved metals (RPD < 20% or diff. < RL)

No dissolved results in this SDG



EDD Data Verification vs. Hardcopy (10% samples for each SDG)

Checked all samples in this SDG - OK

No dilutions in this SDG for metals

SDG Nos: 92652734 Page 11 of 14



Project: Plant Mitchell CCR Semiannual Event 19

Project No: <u>6122160170.2303.****</u> **Method:** <u>Hg by SW7470A</u>

X

Laboratory and Lot: Pace SDG: 92652734 (Pace - Peachtree Corners, GA)

Reviewer/Date: D. Knaub 03/13/23 Senior Reviewer/Date: J. Hartness 03/16/23

YES NO NA COMMENTS

 $m{\mathsf{X}}$ Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace.

Sample Preservation and cooler temperature met (HNO₃ to pH<2;

6°C±2)

Temps. = 5.1, 5.8, 4.9°C – OK

Holding times met (Hg = 28 days)

Coll: 02/14/23 - 02/16/23; Prep: 03/02/23 Anal: 03/03/23

QC Blanks Review – any MB results above RL?

Method Blanks:

p. 40 MB 3943327 Hg = ND p. 41 MB 3943339 Hg = ND

<u>Field/Equipment Blanks</u>: EB-01 and EB-02 = ND FB-01 and FB-02 = ND

Laboratory Control Sample (LCS) recovery within limits (Metals 70-

130%, Hg = 80-120%)

p. 40 LCS 3943328 Hg = 95%; p. 41 LCS 3943340 Hg = 94%

Lab Duplicate - Field Duplicate precision goals met (lab limits - 20%)

 PZ-19 (mg/L)
 FD-01 (mg/L)
 RPD/Diff & RL

 Hg
 ND
 NA

<u>PZ-25 (mg/L)</u> <u>FD-02 (mg/L)</u> <u>RPD/Diff & RL</u>

Hg ND ND NA

No lab dups for Ha

Matrix Spike recoveries and RPDs within limits (if applicable: 75-125%,

RPD 20)

p. 40 PZ-7D Hg = 93, 92% RPD = 1 p. 41 PZ-2D Hg = 90, 88% RPD = 3

Total metals vs dissolved metals (RPD < 20% or diff. < RL)

No dissolved results in these SDGs

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

Checked all samples in this SDG - OK

No dilutions in this SDG for Ha

SDG Nos: 92652734 Page 12 of 14



Project: Plant Mitchell CCR Semiannual Event 19

Project No: 6122160170.2303.****

X

Method: Anions (chloride, fluoride, sulfate) by EPA 300

Laboratory and Lot: Pace SDG: 92652734 (Pace - Peachtree Corners, GA)

Reviewer/Date: D. Knaub 03/13/23 Senior Reviewer/Date: J. Hartness 03/16/23

YES NO NA COMMENTS

No samples in this SDG required a dilution

Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace

Sample Preservation and cooler temperature met (Cool to 6°C)

Temps. = 5.1, 5.8, 4.9°C – OK

Holding times met (28 days)

Coll: 02/14/23 - 02/16/23 Anal: 02/21/23

QC Blanks Review - Any detections above RL?

Method Blanks:

p. 45 MB 3932986 = ND p. 46 MB 3932992= ND

<u>Field/Equipment Blanks</u>: EB-01 and EB-02 = ND

FB-01 and FB-02 = ND

Laboratory Control Sample (LCS) recovery within lab limits (90-110%)

p. 45 LCS 3932987 = All OK p. 46 LCS 3932993 = All OK

Lab Duplicate - Field Duplicate precision goals met (20%)

Constituent **PZ-19** (mg/L) **FD-01** (mg/L) RPD/Diff & RL Cl 4.1 4.2 2.4 F 0.086J 0.086J 0.000 0.1 SO₄ 78.8 79 0.2

 Constituent
 PZ-25 (mg/L)
 FD-02 (mg/L)
 RPD/Diff & RL

 Cl
 1.8
 1.8
 0.0

 F
 0.16
 0.16
 0.0

F 0.16 0.16 0.0 SO₄ 37.1 37.0 0.3

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).

Matrix Spike recoveries and RPDs within limits (lab %Rec limits, RPD = 20)

p. 45 PZ-15 OK except SO_4 = 84, 91% RPD = 3 No flag, MS and RPD OK p. 46 PZ-1D - %Recs and RPDs OK

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

Checked all samples in this SDG - OK

SDG Nos: 92652734 Page 13 of 14



Project: Plant Mitchell CCR Semiannual Event 19

Project No: <u>6122160170.2303.****</u> **Method:** <u>TDS by SM2540C</u>

X

X

Laboratory and Lot: Pace SDG: 92652734 (Pace - Peachtree Corners, GA)

Reviewer/Date: D. Knaub 03/13/23 Senior Reviewer/Date: J. Hartness 03/16/23

YES NO NA COMMENTS

Case Narrative and COC Completeness Review

No case narrative is included with Level II data package from Pace.

Sample Preservation and cooler temperature met (Cool 6°C±2)

Temps. = 5.1, 5.8, 4.9°C – OK

Holding times met (TDS = 7 days)

Coll: 02/14/23 - 02/16/23 Anal: 02/17/23, 02/19/23, 02/20/23 - OK

QC Blanks Review - any MB results above RL?

Method Blanks:

p. 42 MB 3931171 = ND p. 43 MB 3931548 = ND p. 44 MB 3932259 = ND

Field/Equipment Blanks:

EB-01 TDS = 45 mg/L

EB-02 = ND FB-01 = ND FB-02 TDS = 57.9 mg/L

No flags are applied for TDS in EBs or FBs

Laboratory Control Sample (LCS) recovery within limits

p. 42 LCS 3931172 TDS = 100% p. 43 LCS 3931549 TDS = 98%

p. 44 LCS 3932260 TDS = 94%

Lab Duplicate - Field Duplicate precision goals met (lab limits - 20%)

Constituent PZ-25 (mg/L) FD-02 (mg/L) RPD/Diff & RL

TDS 264 274 3.7

Lab Duplicates:

p. 42 Not samples from this SDG

p. 43 PZ-23A RPD = 1 PZ-7D RPD = 16 Flag assoc. result "J"

p. 44 Not samples from this SDG

Matrix Spike recoveries and RPDs within limits (if applicable: 75-125%,

RPD 20)

X

Not applicable to TDS

EDD Data Verification vs. Hardcopy (10% samples for each SDG)

Checked all samples in this SDG, OK

No samples in this SDG required a dilution.

SDG Nos: 92652734 Page 14 of 14



Data Evaluation Narrative

Project: Plant Mitchell CCR Groundwater Semiannual Event #19 - Radium

Wood Project Number: 6122160170.2303.**** Site: Ash Ponds 1&2 - Plant Mitchell, Georgia

Matrix: Groundwater

Pace SDG Nos: 92652738

Introduction

A data quality evaluation (DQE) was performed on the radium data reported for the Semiannual Event #19 (February 2023) conducted at Ash Ponds 1 and 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 these sample delivery groups (SDGs). 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:

<u>Qualifier</u>	<u>Usable Data</u>
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
U.	associated blank at a similar level.

SDG Nos: 92652738 Page 1 of 8



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 Environment & Infrastructure 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 92652734. Samples were sent from Pace's Georgia facility to their laboratory in Greenburg, 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:

	Sample	DQE		Sample	DQE
GPC Sample ID	Date	Level	GPC Sample ID	Date	Level
MIT-PZ-1D	02/14/23	Ш	MIT-PZ-31	02/14/23	Ш
MIT-PZ-2D	02/14/23	П	MIT-PZ-32	02/14/23	П
MIT-PZ-7D	02/15/23	П	MIT-PZ-33	02/16/23	П
MIT-PZ-14	02/14/23	П	MIT-PZ-57	02/16/23	П
MIT-PZ-15	02/15/23	П	QC Samples		
MIT-PZ-16	02/15/23	Ш	MIT-APA12-EB-01	02/15/23	ll ll
MIT-PZ-17	02/16/23	П	MIT-APA12-EB-02	02/16/23	П
MIT-PZ-18	02/15/23	Ш	MIT-APA12-FB-01	02/14/23	II
MIT-PZ-19	02/15/23	Ш	MIT-APA12-FB-02	02/16/23	П
MIT-PZ-23A	02/14/23	Ш	MIT-APA12-FD-01	02/15/23	II
MIT-PZ-25	02/15/23	Ш	MIT-APA12-FD-02	02/15/23	II

These samples were collected from Ash Ponds 1 and 2 between February 14 and February 16, 2023. Sample MIT-APA12-FD-01 is a field duplicate of MIT-PZ-19, and MIT-APA12-FD-02 is a field duplicate of MIT-PZ-25. 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 by WSP for inclusion in the EQuIS database as instructed by GPC by adding the sample

SDG Nos: 92652738 Page 2 of 8



type code (WG [groundwater], WQ [water quality]) and the sample date (YYYYMMDD [i.e., 20230214]); example: MIT-PZ-14-WG-20230214.

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 QC limits.

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).

<u>Laboratory Control Sample (LCS)</u>

The LCS recoveries were within QC limits.

<u>Laboratory Duplicate Precision</u>

A laboratory duplicate was performed on sample MIT-PZ-7D, and the RPDs were not calculated because the results were less than the MDC..

Field Duplicate Precision

As previously noted, two blind field duplicate samples were collected and submitted to the laboratory for this sampling event. Radium-266 was detected in in one sample in each pair but not the other sample, therefore an RPD could not be calculated. Total radium was not detected above the MDC in either sample duplicate pair, therefore, precision could not be assessed (RPDs are only evaluated for results greater than 5 times the MDC).

Sampling Accuracy (Equipment Blanks, Field Blanks)

Field accuracy was measured through the collection of equipment/rinsate blanks and field blanks. The equipment blanks EB-01 and EB-02 and field blanks, FB-01 and FB-02 did not contain Ra-226, Ra-228, or total radium above the MDC.

<u>Carrier and Tracer Yield Recoveries</u>

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.

SDG Nos: 92652738 Page 3 of 8



Sample results in which the values were reported at concentrations below the MDC were flagged "U" and considered not detected.

<u>Overall Site Evaluation and Professional Judgment Flagging Changes</u>

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: <u>DWK 03/29/23</u> Checked By/Date: <u>JAH 03/30/23</u>

SDG Nos: 92652738 Page 4 of 8



TABLE 1 SUMMARY OF DATA QUALIFIERS

SDG Nos: 92652738 Page 5 of 8

Data Validation Narrative – SDG 92652738 Plant Mitchell Ash Ponds 1 and 2 February 2023

TABLE 1 SUMMARY OF DATA QUALIFIERS SAMPLE DELIVERY GROUP 92652738 SAMPLING DATES: February 14-16, 2023 Plant Mitchell Ash Ponds 1 and 2

Field Sample ID	Location ID	Туре	SDG	Method	Parameter Name	Lab Result	Lab Qual	Val Qual	Reason Codes	Units
				NO QUALIFIC	ATION REQUIRED			<u> </u>		

Notes:

WSPProject No. 6122160170

No qualification was required for the data reported in this sample delivery group.

Prepared by/Date: <u>DWK 03/15/23</u> Checked by/Date: <u>JAH 03/30/23</u>



DQE CHECKLISTS

SDG Nos: 92652738 Page 6 of 8



Project: Plant Mitchell CCR Semiannual Event 19

Project No: 6122160170.2303.****

X

Method: Radium-226, Radium-228, Total Radium by EPA 9315 and EPA 9320

Laboratory and Lot: Pace SDG: 92652738 (Pace-Greensburg, PA)

Reviewer/Date: <u>D. Knaub 03/29/23</u> Senior Reviewer/Date: <u>J. Hartness 03/30/23</u>

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 (HNO₃ to pH<2) 5.1, 5.8, 4.9 °C - OK X Holding times met (180 days) Collected: 02/14/23-02/16/23 Analyzed: Ra-226: 03/14/23 Analyzed: Ra-228: 03/06/23, 03/03/23 Total Ra: 03/14/23 X QC Blanks Review (net blank value <MDC) p. 33 Ra-228 (2765355) = present but <MDC p. 34 Ra-228 (2766629) = present but <MDC p. 35 Ra-226 (2766627) = negative but < negative MDC p. 33 Ra-226 (2765353) = present but <MDC Field/Equipment Blanks: p. 16 FB-1 = present but <MDC p. 28 FB-2 = present but < MCD (Ra-228 negative but < negative MDC) p. 23 EB-1 = present but <MDC p. 29 EB-1 = present but <MDC X Laboratory Control Sample (LCS) recovery within lab limits (60-135%) p. 58-62 p. 59 LCS initially failed low due to a possible detector issue LCS was reanalyzed and was withing limits, no flags necessary X Lab Duplicate - Field Duplicate precision goals met (lab limits); lab dup every 10 samples (RPD = RER (2σ) <3) Constituent <u>PZ-19 (pCi/L)</u> <u>FD-01 (pCi/L)</u> <u>RPD</u> Ra-226 < 0.184 0.199 NC. Constituent PZ-25 (pCi/L) FD-02 (pCi/L) RPD Ra-226 0.343 < 0.253 NC

SDG Nos: 92652738 Page 7 of 8

p. 60 not samples from this SDG

p. 61 Lab dup on MIT-PZ-7D results < MDC - OK

Matrix Spike recoveries and RPDs within limits (if applicable)



YES NO NA

Comments

Carrier/Tracer Yield Recovery Ra-226 (Carrier: Ba);
Ra-228 (Carrier Ba, Tracer: Y) (30-110%)
Included on results pages - OK

EDD Data Verification vs. Hardcopy (10% samples for each SDG).
Checked all samples in this SDG - OK

SDG Nos: 92652738 Page 8 of 8

APPENDIX B FIELD SAMPLING DATA

Low-Flow Test Report:

Test Date / Time: 8/24/2022 10:47:52 AM

Project: Plant Mitchell CCR **Operator Name:** Ever Guillen

Location Name: PZ-1D
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: 55.07 ft

Pump Type: QED
Tubing Type: HDPE

Pump Intake From TOC: 76.65 ft Estimated Total Volume Pumped:

9000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.54 ft Instrument Used: Aqua TROLL 400

Serial Number: 877800

Test Notes: Sample time =1135. Dup FD-01 collected

Weather Conditions: Hot, humid and some rain

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.1	+/- 5	+/- 10	+/- 0.3	
8/24/2022 10:47 AM	00:00	7.05 pH	24.09 °C	249.84 μS/cm	6.42 mg/L	33.60 NTU	84.5 mV	55.07 ft	200.00 ml/min
8/24/2022 10:52 AM	05:00	7.37 pH	22.19 °C	244.55 μS/cm	2.67 mg/L	29.40 NTU	39.9 mV	56.52 ft	200.00 ml/min
8/24/2022 10:57 AM	10:00	7.43 pH	23.97 °C	250.98 μS/cm	3.17 mg/L	23.10 NTU	34.4 mV	56.63 ft	200.00 ml/min
8/24/2022 11:02 AM	15:00	7.45 pH	25.24 °C	248.72 μS/cm	3.27 mg/L	17.50 NTU	31.4 mV	56.63 ft	200.00 ml/min
8/24/2022 11:07 AM	20:00	7.47 pH	25.93 °C	248.87 μS/cm	2.86 mg/L	13.90 NTU	26.9 mV	56.61 ft	200.00 ml/min
8/24/2022 11:12 AM	25:00	7.46 pH	25.97 °C	246.85 μS/cm	2.68 mg/L	8.80 NTU	27.0 mV	56.61 ft	200.00 ml/min
8/24/2022 11:17 AM	30:00	7.47 pH	25.96 °C	245.88 μS/cm	2.59 mg/L	6.53 NTU	26.5 mV	56.61 ft	200.00 ml/min
8/24/2022 11:22 AM	35:00	7.49 pH	25.81 °C	247.87 μS/cm	2.56 mg/L	5.44 NTU	25.2 mV	56.61 ft	200.00 ml/min
8/24/2022 11:27 AM	40:00	7.48 pH	26.19 °C	248.03 μS/cm	2.53 mg/L	5.12 NTU	25.9 mV	56.61 ft	200.00 ml/min
8/24/2022 11:32 AM	45:00	7.49 pH	26.33 °C	248.17 μS/cm	2.61 mg/L	3.90 NTU	26.9 mV	56.61 ft	200.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Test Properties
Test Type = Low-Flow Test
Test Date / Time = 2022-08-24 10:47:52
Time Offset = -04:00:00
Operator Name = Ever Guillen
Project = Low-Flow Test 133 (2)
Initial Depth to Water = 55.07 ft
Flow Cell Volume = 90 ml
Final Draw Down = 1.54 ft
Estimated Total Volume Pumped = 9000 ml

Pump Properties
Pump Type = QED
Flow Rate = 200 ml/min
Final Flow Rate = 200 ml/min
Pump Intake From TOC = 76.65 m

Tubing Properties
Tubing Type = HDPE

Location Properties Location Name = PZ-1D Location ID = 57008adb-8e66-4ee0-9ae3-8ebe947b6312

Well Properties
Well Diameter = 2 in
Casing Type = PVC
Screen Length = 10 ft
Total Depth = 81.65 ft
Top of Screen = 71.65 ft

Instrument Properties
Device Model = Aqua TROLL 400
Device SN = 877800

						RDO		Oxygen	Actual		Specific		Total						
						Concentr	RDO	Partial	Conductiv		Conductiv		Dissolved	Resistivity	,				
						ation	Saturatio	Pressure	ity	Temperat	ity	Salinity	Solids	(Ωâ‹c	Density	Pressure		pH mV	
		Elapsed	Depth to Flo	ow	Turbidity	(mg/L)	n (%Sat)	(Torr)	(µS/cm)	ure (°C)	(µS/cm)	(PSU)	(ppt)	m)	(g/cm³)	(psi)	pH (pH)	(mV)	ORP (mV)
Date Time		Time	Water (ft) (m	nl/min)	(NTU)	(878537)	(878537)	(878537)	(877800)	(877800)	(877800)	(877800)	(877800)	(877800)	(877800)	(850056)	(21624)	(21624)	(21624)
	8/24/2022 10:47	0:00:00	55.07	200	33.6	6.422483	76.66641	111.46	245.4752	24.0856	249.8386	0.119612	0.162395	4073.732	0.997369	8.27311	7.052401	-7.51066	84.48076
	8/24/2022 10:52	0:05:00	56.52	200	29.4	2.673948	30.7925	44.91541	231.4187	22.18802	244.5534	0.11705	0.15896	4321.172	0.99782	8.240588	7.374349	-25.1091	1 39.94526
	8/24/2022 10:57	0:10:00	56.63	200	23.1	3.171651	37.78129	54.93891	246.0627	23.97321	250.9849	0.120175	0.16314	4064.006	0.997397	8.333333	7.43347	-28.5244	4 34.38943
	8/24/2022 11:02	0:15:00	56.63	200	17.5	3.26847	39.85781	57.82022	249.8545	25.23818	248.723	0.119037	0.16167	4002.329	0.997077	8.335042	7.449057	-29.5044	4 31.43781
	8/24/2022 11:07	0:20:00	56.61	200	13.9	2.864949	35.38456	51.25998	253.3166	25.93468	248.8736	0.119087	0.161768	3947.63	0.996894	8.301745	7.469808	-30.7279	26.92813
	8/24/2022 11:12	0:25:00	56.61	200	8.8	2.680422	33.12574	47.98443	251.4204	25.96865	246.8533	0.118098	0.160455	3977.402	0.996885	8.29596	7.463469	-30.3769	26.9635
	8/24/2022 11:17	0:30:00	56.61	200	6.53	2.585222	31.94578	46.27575	250.3994	25.96272	245.8782	0.117622	0.159821	3993.62	0.996886	8.304152	7.47212	-30.8544	4 26.45242
	8/24/2022 11:22	0:35:00	56.61	200	5.44	2.558704	31.53115	45.68912	251.7139	25.81119	247.8735	0.118603	0.161118	3972.764	0.996927	8.291778	7.489503	-31.8053	3 25.22952
	8/24/2022 11:27	0:40:00	56.61	200	5.12	2.534835	31.45329	45.5411	253.6699	26.19092	248.0281	0.118664	0.161218	3942.131	0.996826	8.30663	7.484661	-31.5765	5 25.90691
	8/24/2022 11:32	0:45:00	56.61	200	3.9	2.606722	32.42854	46.93943	254.4886	26.33282	248.1709	0.118729	0.161311	3929.45	0.996788	8.317773	7.489299	-31.849	9 26.92659

Notes

Test Notes: Sample time =1135. Dup FD-01 collected Weather Conditions: Hot, humid and some rain

Low-Flow Test Report:

Test Date / Time: 8/24/2022 11:01:30 AM

Project: Plant Mitchell CCR **Operator Name**: Daniel Howard

Location Name: 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: 38.56 ft

Pump Type: QED Dedicated Bladder

Pump

Tubing Type: HDPE

Pump Intake From TOC: 75.95 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft Instrument Used: Aqua TROLL 400

Serial Number: 884186

Test Notes:

Sample time 1132. Sample ID: MIT-PZ-2D-WG-20220824

Weather Conditions:

Overcast, slight rain, 75F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/24/2022 11:01 AM	00:00	7.73 pH	21.06 °C	150.23 μS/cm	1.62 mg/L	2.52 NTU	60.8 mV	38.66 ft	200.00 ml/min
8/24/2022 11:06 AM	05:00	7.95 pH	20.62 °C	159.47 μS/cm	2.22 mg/L	2.56 NTU	63.6 mV	38.66 ft	200.00 ml/min
8/24/2022 11:11 AM	10:00	7.98 pH	20.54 °C	162.45 μS/cm	2.67 mg/L	1.53 NTU	81.6 mV	38.66 ft	200.00 ml/min
8/24/2022 11:16 AM	15:00	7.98 pH	20.59 °C	162.43 μS/cm	2.83 mg/L	1.74 NTU	62.8 mV	38.66 ft	200.00 ml/min
8/24/2022 11:21 AM	20:00	7.98 pH	20.62 °C	163.02 μS/cm	2.93 mg/L	1.46 NTU	80.9 mV	38.66 ft	200.00 ml/min
8/24/2022 11:26 AM	25:00	8.00 pH	20.63 °C	162.43 μS/cm	3.02 mg/L	1.44 NTU	61.4 mV	38.66 ft	200.00 ml/min
8/24/2022 11:31 AM	30:00	8.01 pH	20.64 °C	163.03 μS/cm	3.07 mg/L	1.51 NTU	79.6 mV	38.66 ft	200.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Low-Flow Test Report:

Test Date / Time: 8/25/2022 1:23:00 PM

Project: Plant Mitchell CCR (5) **Operator Name:** Ever Guillen

Location Name: PZ-7D
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 60.37 ft
Total Depth: 60.37 ft

Initial Depth to Water: 34.92 ft

Pump Type: QED
Tubing Type: HDPE

Pump Intake From TOC: 55.37 ft Estimated Total Volume Pumped:

8370 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.03 ft Instrument Used: Aqua TROLL 400

Serial Number: 877800

Test Notes:

Sample time = 1410

Weather Conditions:

Hot-humid- some rain

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.1	+/- 5	+/- 10	+/- 0.3	
8/25/2022 1:23 PM	00:00	7.13 pH	23.81 °C	480.27 μS/cm	3.37 mg/L	28.10 NTU	-30.9 mV	34.92 ft	200.00 ml/min
8/25/2022 1:24 PM	01:51	6.99 pH	22.08 °C	495.17 μS/cm	1.34 mg/L	28.70 NTU	6.0 mV	34.92 ft	200.00 ml/min
8/25/2022 1:29 PM	06:51	6.98 pH	22.27 °C	504.90 μS/cm	0.94 mg/L	23.60 NTU	22.7 mV	34.95 ft	200.00 ml/min
8/25/2022 1:34 PM	11:51	6.99 pH	24.65 °C	496.35 μS/cm	1.39 mg/L	16.90 NTU	19.5 mV	34.95 ft	200.00 ml/min
8/25/2022 1:39 PM	16:51	7.00 pH	25.51 °C	499.53 μS/cm	1.63 mg/L	10.70 NTU	26.3 mV	34.95 ft	200.00 ml/min
8/25/2022 1:44 PM	21:51	7.01 pH	22.18 °C	475.39 μS/cm	1.06 mg/L	6.06 NTU	34.0 mV	34.95 ft	200.00 ml/min
8/25/2022 1:49 PM	26:51	6.98 pH	21.85 °C	485.15 μS/cm	0.99 mg/L	5.02 NTU	35.8 mV	34.95 ft	200.00 ml/min
8/25/2022 1:54 PM	31:51	6.98 pH	21.82 °C	486.70 μS/cm	0.90 mg/L	3.98 NTU	41.9 mV	34.95 ft	200.00 ml/min
8/25/2022 1:59 PM	36:51	6.98 pH	21.82 °C	486.80 μS/cm	0.87 mg/L	2.66 NTU	43.6 mV	34.95 ft	200.00 ml/min
8/25/2022 2:04 PM	41:51	6.98 pH	21.73 °C	486.05 μS/cm	0.83 mg/L	1.73 NTU	38.2 mV	34.95 ft	200.00 ml/min

Samples

Sample ID:

Test Date / Time: 8/25/2022 3:10:04 PM

Project: Plant Mitchell CCR (6) **Operator Name:** Ever Guillen

Location Name: PZ-14
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: 45.55 ft

Pump Type: QED
Tubing Type: HDPE

Pump Intake From TOC: 48.2 ft Estimated Total Volume Pumped:

9000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.06 ft Instrument Used: Aqua TROLL 400

Serial Number: 877800

Test Notes:

Sample time = 1600

Weather Conditions:

Hot - humid- some rain

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.1	+/- 5	+/- 10	+/- 0.3	
8/25/2022 3:10 PM	00:00	7.45 pH	29.75 °C	302.21 μS/cm	6.99 mg/L	21.10 NTU	42.0 mV	45.61 ft	200.00 ml/min
8/25/2022 3:15 PM	05:00	6.95 pH	23.08 °C	452.77 μS/cm	6.03 mg/L	17.30 NTU	62.5 mV	45.61 ft	200.00 ml/min
8/25/2022 3:20 PM	10:00	6.95 pH	22.69 °C	452.16 μS/cm	6.02 mg/L	12.60 NTU	49.1 mV	45.61 ft	200.00 ml/min
8/25/2022 3:25 PM	15:00	6.95 pH	22.81 °C	452.98 μS/cm	5.88 mg/L	8.98 NTU	61.6 mV	45.61 ft	200.00 ml/min
8/25/2022 3:30 PM	20:00	6.94 pH	22.58 °C	453.83 μS/cm	5.76 mg/L	6.54 NTU	48.1 mV	45.61 ft	200.00 ml/min
8/25/2022 3:35 PM	25:00	6.93 pH	22.54 °C	453.90 μS/cm	5.66 mg/L	5.32 NTU	61.1 mV	45.61 ft	200.00 ml/min
8/25/2022 3:40 PM	30:00	6.93 pH	22.85 °C	456.56 μS/cm	5.65 mg/L	3.96 NTU	46.8 mV	45.61 ft	200.00 ml/min
8/25/2022 3:45 PM	35:00	6.93 pH	22.90 °C	456.33 μS/cm	5.62 mg/L	2.73 NTU	53.8 mV	45.61 ft	200.00 ml/min
8/25/2022 3:50 PM	40:00	6.93 pH	22.74 °C	454.99 μS/cm	5.59 mg/L	1.55 NTU	53.2 mV	45.61 ft	200.00 ml/min
8/25/2022 3:55 PM	45:00	6.93 pH	22.45 °C	455.19 μS/cm	5.58 mg/L	0.67 NTU	45.0 mV	45.61 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 8/25/2022 1:26:17 PM

Project: Plant Mitchell CCR (6) **Operator Name**: Daniel Howard

Location Name: PZ-15
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 73.22 ft
Total Depth: 83.22 ft

Initial Depth to Water: 31.85 ft

Pump Type: QED Dedicated Bladder

Pump

Tubing Type: HDPE

Pump Intake From TOC: 78.22 ft Estimated Total Volume Pumped:

8000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.21 ft Instrument Used: Aqua TROLL 400

Serial Number: 884186

Test Notes:

Sample time 1408.

Weather Conditions:

Overcast, temp 80F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/25/2022 1:26 PM	00:00	7.20 pH	25.47 °C	580.78 μS/cm	4.04 mg/L	2.28 NTU	-94.5 mV	31.98 ft	200.00 ml/min
8/25/2022 1:31 PM	05:00	7.17 pH	24.70 °C	515.88 μS/cm	2.02 mg/L	1.83 NTU	-100.0 mV	31.98 ft	200.00 ml/min
8/25/2022 1:36 PM	10:00	7.16 pH	24.49 °C	516.50 μS/cm	1.53 mg/L	3.80 NTU	-114.9 mV	31.98 ft	200.00 ml/min
8/25/2022 1:41 PM	15:00	7.16 pH	24.51 °C	517.32 μS/cm	1.24 mg/L	1.85 NTU	-114.7 mV	31.99 ft	200.00 ml/min
8/25/2022 1:46 PM	20:00	7.16 pH	24.46 °C	517.78 μS/cm	0.97 mg/L	1.03 NTU	-111.0 mV	32.02 ft	200.00 ml/min
8/25/2022 1:51 PM	25:00	7.16 pH	24.34 °C	517.77 μS/cm	0.81 mg/L	0.57 NTU	-108.7 mV	32.02 ft	200.00 ml/min
8/25/2022 1:56 PM	30:00	7.16 pH	24.29 °C	517.32 μS/cm	0.66 mg/L	0.66 NTU	-104.2 mV	32.04 ft	200.00 ml/min
8/25/2022 2:01 PM	35:00	7.16 pH	24.38 °C	517.47 μS/cm	0.56 mg/L	0.46 NTU	-99.0 mV	32.06 ft	200.00 ml/min
8/25/2022 2:06 PM	40:00	7.15 pH	24.48 °C	517.74 μS/cm	0.46 mg/L	0.41 NTU	-94.2 mV	32.06 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 8/25/2022 11:45:05 AM

Project: Plant Mitchell CCR (5) **Operator Name**: Daniel Howard

Location Name: PZ-16
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: 36.3 ft

Pump Type: QED Dedicated Bladder

Pump

Tubing Type: HDPE

Pump Intake From TOC: 48.19 ft Estimated Total Volume Pumped:

5000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min

Final Draw Down: 0 ft

Instrument Used: Aqua TROLL 400

Serial Number: 884186

Test Notes:

Sample time 1212. Sample ID: MIT-PZ-16-WG-20220825

Weather Conditions:

Overcast, temp 77 F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/25/2022 11:45 AM	00:00	7.28 pH	22.81 °C	502.97 μS/cm	5.68 mg/L	0.45 NTU	0.7 mV	36.30 ft	200.00 ml/min
8/25/2022 11:50 AM	05:00	7.15 pH	22.62 °C	506.54 μS/cm	2.15 mg/L	0.65 NTU	84.7 mV	36.30 ft	200.00 ml/min
8/25/2022 11:55 AM	10:00	7.14 pH	22.60 °C	494.43 μS/cm	1.88 mg/L	1.30 NTU	127.2 mV	36.30 ft	200.00 ml/min
8/25/2022 12:00 PM	15:00	7.15 pH	22.54 °C	493.70 μS/cm	1.82 mg/L	1.14 NTU	134.3 mV	36.30 ft	200.00 ml/min
8/25/2022 12:05 PM	20:00	7.15 pH	22.53 °C	492.92 μS/cm	1.84 mg/L	1.09 NTU	137.3 mV	36.30 ft	200.00 ml/min
8/25/2022 12:10 PM	25:00	7.14 pH	22.43 °C	492.83 μS/cm	1.84 mg/L	0.92 NTU	104.3 mV	36.30 ft	200.00 ml/min

Sai	mple ID:	Description:
-----	----------	--------------

Test Date / Time: 8/25/2022 11:38:32 AM

Project: Plant Mitchell CCR (4) **Operator Name:** Ever Guillen

Location Name: PZ-17
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: 35.03 ft

Pump Type: QED
Tubing Type: HDPE

Pump Intake From TOC: 57.7 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.08 ft Instrument Used: Aqua TROLL 400

Serial Number: 877800

Test Notes:

Sample time = 1210

Weather Conditions:

Hot- humid- some rain

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.1	+/- 5	+/- 10	+/- 0.3	
8/25/2022 11:38 AM	00:00	7.34 pH	25.74 °C	443.93 μS/cm	7.26 mg/L	31.10 NTU	-78.2 mV	35.03 ft	200.00 ml/min
8/25/2022 11:43 AM	05:00	7.06 pH	22.31 °C	462.63 μS/cm	0.19 mg/L	26.20 NTU	-44.1 mV	35.11 ft	200.00 ml/min
8/25/2022 11:48 AM	10:00	7.06 pH	22.25 °C	464.31 μS/cm	0.11 mg/L	21.40 NTU	-40.0 mV	35.11 ft	200.00 ml/min
8/25/2022 11:53 AM	15:00	7.06 pH	22.22 °C	468.34 μS/cm	0.10 mg/L	16.90 NTU	-36.3 mV	35.11 ft	200.00 ml/min
8/25/2022 11:58 AM	20:00	7.05 pH	22.27 °C	469.30 μS/cm	0.11 mg/L	12.30 NTU	-33.1 mV	35.11 ft	200.00 ml/min
8/25/2022 12:03 PM	25:00	7.04 pH	22.27 °C	472.13 μS/cm	0.11 mg/L	7.18 NTU	-31.0 mV	35.11 ft	200.00 ml/min
8/25/2022 12:08 PM	30:00	7.05 pH	22.05 °C	472.92 μS/cm	0.12 mg/L	4.73 NTU	-29.0 mV	35.11 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 8/25/2022 9:42:35 AM

Project: Plant Mitchell CCR (3) **Operator Name:** Ever Guillen

Location Name: PZ-18 Well Diameter: 2 in **Casing Type: PVC** Screen Length: 10 ft Top of Screen: 53.18 ft Total Depth: 63.18 ft

Initial Depth to Water: 31.51 ft

Pump Type: QED Tubing Type: HDPE

> Pump Intake From TOC: 58.18 ft **Estimated Total Volume Pumped:**

10000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min

Final Draw Down: 0 ft

Instrument Used: Aqua TROLL 400

Serial Number: 877800

Test Notes:

Sample time = 1035. Dup FD-02 collected

Weather Conditions:

Hot-humid- rain

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.1	+/- 5	+/- 10	+/- 0.3	
8/25/2022 9:42 AM	00:00	6.70 pH	24.24 °C	441.05 μS/cm	7.90 mg/L	33.20 NTU	176.7 mV	31.51 ft	200.00 ml/min
8/25/2022 9:47 AM	05:00	6.72 pH	22.75 °C	651.93 μS/cm	0.88 mg/L	27.10 NTU	42.2 mV	31.51 ft	200.00 ml/min
8/25/2022 9:52 AM	10:00	6.80 pH	23.39 °C	634.53 µS/cm	1.79 mg/L	21.30 NTU	30.5 mV	31.51 ft	200.00 ml/min
8/25/2022 9:57 AM	15:00	6.81 pH	23.33 °C	639.42 µS/cm	2.01 mg/L	16.90 NTU	24.9 mV	31.51 ft	200.00 ml/min
8/25/2022 10:02 AM	20:00	6.79 pH	23.08 °C	644.75 μS/cm	0.73 mg/L	11.50 NTU	24.5 mV	31.51 ft	200.00 ml/min
8/25/2022 10:07 AM	25:00	6.77 pH	22.89 °C	647.67 µS/cm	0.20 mg/L	8.79 NTU	32.3 mV	31.51 ft	200.00 ml/min
8/25/2022 10:12 AM	30:00	6.76 pH	23.02 °C	648.95 µS/cm	0.19 mg/L	6.22 NTU	33.1 mV	31.51 ft	200.00 ml/min
8/25/2022 10:17 AM	35:00	6.76 pH	23.08 °C	648.01 µS/cm	0.18 mg/L	5.17 NTU	36.4 mV	31.51 ft	200.00 ml/min
8/25/2022 10:22 AM	40:00	6.76 pH	22.98 °C	648.66 µS/cm	0.19 mg/L	3.98 NTU	36.6 mV	31.51 ft	200.00 ml/min
8/25/2022 10:27 AM	45:00	6.76 pH	22.92 °C	648.81 µS/cm	0.18 mg/L	1.31 NTU	37.1 mV	31.51 ft	200.00 ml/min
8/25/2022 10:32 AM	50:00	6.76 pH	22.99 °C	648.77 μS/cm	0.18 mg/L	0.37 NTU	37.1 mV	31.51 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Created using VuSitu from In-Situ, Inc.

Test Date / Time: 8/25/2022 10:02:03 AM

Project: Plant Mitchell CCR (4) **Operator Name**: Daniel Howard

Location Name: 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: 34.02 ft

Pump Type: QED Dedicated Bladder

Pump

Tubing Type: HDPE

Pump Intake From TOC: 57.63 ft Estimated Total Volume Pumped:

5000 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: 884186

Test Notes:

Sample time 1028. SAMPLE ID: MIT-PZ-19-WG-20220825

Weather Conditions:

Overcast, temp 74F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/25/2022 10:02 AM	00:00	7.00 pH	23.97 °C	747.53 μS/cm	3.96 mg/L	3.06 NTU	66.5 mV	34.07 ft	200.00 ml/min
8/25/2022 10:07 AM	05:00	6.67 pH	22.75 °C	864.90 μS/cm	0.71 mg/L	0.25 NTU	98.9 mV	34.07 ft	200.00 ml/min
8/25/2022 10:12 AM	10:00	6.67 pH	22.63 °C	861.49 μS/cm	0.38 mg/L	0.62 NTU	127.1 mV	34.07 ft	200.00 ml/min
8/25/2022 10:17 AM	15:00	6.67 pH	22.67 °C	861.18 μS/cm	0.34 mg/L	0.24 NTU	127.0 mV	34.07 ft	200.00 ml/min
8/25/2022 10:22 AM	20:00	6.67 pH	22.69 °C	863.79 μS/cm	0.35 mg/L	0.22 NTU	98.4 mV	34.07 ft	200.00 ml/min
8/25/2022 10:27 AM	25:00	6.67 pH	22.68 °C	858.98 µS/cm	0.37 mg/L	0.15 NTU	124.1 mV	34.07 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 8/25/2022 3:42:03 PM

Project: Plant Mitchell CCR (8) **Operator Name**: Daniel Howard

Location Name: PZ-23A
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 57.21 ft
Total Depth: 67.21 ft

Pump Type: QED Dedicated Bladder

Pump

Tubing Type: HDPE

Pump Intake From TOC: 62.21 ft Estimated Total Volume Pumped:

5000 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: 884186

Test Notes: Sample time 1608

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/25/2022 3:42 PM	00:00	6.76 pH	26.26 °C	763.12 μS/cm	2.23 mg/L	8.31 NTU	93.0 mV	53.22 ft	200.00 ml/min
8/25/2022 3:47 PM	05:00	6.76 pH	24.52 °C	732.91 µS/cm	2.23 mg/L	7.18 NTU	93.8 mV	53.22 ft	200.00 ml/min
8/25/2022 3:52 PM	10:00	6.76 pH	24.37 °C	724.45 µS/cm	2.20 mg/L	6.25 NTU	128.8 mV	53.22 ft	200.00 ml/min
8/25/2022 3:57 PM	15:00	6.76 pH	24.23 °C	724.96 µS/cm	2.16 mg/L	3.53 NTU	131.9 mV	53.20 ft	200.00 ml/min
8/25/2022 4:02 PM	20:00	6.76 pH	24.35 °C	722.87 µS/cm	2.10 mg/L	2.94 NTU	132.8 mV	53.20 ft	200.00 ml/min
8/25/2022 4:07 PM	25:00	6.76 pH	24.44 °C	728.37 µS/cm	2.08 mg/L	2.52 NTU	96.3 mV	53.18 ft	200.00 ml/min

Samples

Sample ID:	Description:
------------	--------------

Created using VuSitu from In-Situ, Inc.

Test Date / Time: 8/24/2022 3:19:00 PM

Project: Plant Mitchell CCR (3) **Operator Name**: Daniel Howard

Location Name: PZ-25
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 52.19 ft
Total Depth: 63.19 ft

Initial Depth to Water: 32.83 ft

Pump Type: QED Dedicated Bladder

Pump

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: 0.1 ft Instrument Used: Aqua TROLL 400

Serial Number: 884186

Test Notes:

Sample time 1545. Sample ID: MIT-PZ-25-WG-20220824.

Weather Conditions:

Overcast, temp 85 F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/24/2022 3:19 PM	00:00	7.21 pH	25.65 °C	463.44 μS/cm	5.62 mg/L	1.16 NTU	-25.1 mV	32.91 ft	200.00 ml/min
8/24/2022 3:24 PM	05:00	7.10 pH	24.02 °C	466.15 μS/cm	2.34 mg/L	1.78 NTU	-32.9 mV	32.92 ft	200.00 ml/min
8/24/2022 3:29 PM	10:00	7.10 pH	23.82 °C	466.89 μS/cm	0.65 mg/L	3.48 NTU	-47.8 mV	32.92 ft	200.00 ml/min
8/24/2022 3:34 PM	15:00	7.10 pH	23.88 °C	467.03 μS/cm	0.62 mg/L	2.80 NTU	-71.5 mV	32.92 ft	200.00 ml/min
8/24/2022 3:39 PM	20:00	7.10 pH	23.97 °C	466.31 μS/cm	0.59 mg/L	1.12 NTU	-40.9 mV	32.92 ft	200.00 ml/min
8/24/2022 3:44 PM	25:00	7.10 pH	24.01 °C	466.70 μS/cm	0.57 mg/L	1.40 NTU	-71.5 mV	32.93 ft	200.00 ml/min

Sai	mple ID:	Description:
-----	----------	--------------

Test Date / Time: 8/24/2022 1:20:32 PM

Project: Plant Mitchell CCR **Operator Name:** Ever Guillen

Location Name: PZ-31
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: 41.67 ft

Pump Type: QED
Tubing Type: HDPE

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: 1.24 ft Instrument Used: Aqua TROLL 400

Serial Number: 877800

Test Notes:

Sample time= 1400

Weather Conditions:

Hot- humid- some rain

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.1	+/- 5	+/- 10	+/- 0.3	
8/24/2022 1:20 PM	00:00	7.69 pH	26.09 °C	273.27 μS/cm	7.93 mg/L	24.60 NTU	43.5 mV	41.91 ft	200.00 ml/min
8/24/2022 1:25 PM	05:00	7.05 pH	21.71 °C	445.73 μS/cm	5.60 mg/L	17.10 NTU	38.1 mV	42.91 ft	200.00 ml/min
8/24/2022 1:30 PM	10:00	7.04 pH	21.61 °C	427.18 μS/cm	5.25 mg/L	14.30 NTU	40.0 mV	42.91 ft	200.00 ml/min
8/24/2022 1:35 PM	15:00	7.05 pH	21.56 °C	445.78 μS/cm	5.44 mg/L	10.70 NTU	38.0 mV	42.91 ft	200.00 ml/min
8/24/2022 1:40 PM	20:00	7.05 pH	21.50 °C	443.94 μS/cm	5.16 mg/L	7.29 NTU	42.5 mV	42.91 ft	200.00 ml/min
8/24/2022 1:45 PM	25:00	7.04 pH	21.42 °C	443.93 μS/cm	5.05 mg/L	5.33 NTU	44.6 mV	42.91 ft	200.00 ml/min
8/24/2022 1:50 PM	30:00	7.03 pH	21.33 °C	443.97 μS/cm	4.96 mg/L	3.17 NTU	43.0 mV	42.91 ft	200.00 ml/min
8/24/2022 1:55 PM	35:00	7.04 pH	21.20 °C	437.37 μS/cm	4.96 mg/L	1.03 NTU	42.7 mV	42.91 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 8/24/2022 1:33:51 PM

Project: Plant Mitchell CCR (2) **Operator Name**: Daniel Howard

Location Name: PZ-32
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: 40.64 ft

Pump Type: QED Dedicated Bladder

Pump

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: 0.04 ft Instrument Used: Aqua TROLL 400

Serial Number: 884186

Test Notes:

Sample time 1410. Sample ID: MIT-PZ32-WG-20220824.

Weather Conditions:

Overcast, 83F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/24/2022 1:33 PM	00:00	7.35 pH	21.82 °C	342.36 μS/cm	2.95 mg/L	1.07 NTU	41.0 mV	40.68 ft	200.00 ml/min
8/24/2022 1:38 PM	05:00	7.33 pH	21.23 °C	337.70 μS/cm	2.76 mg/L	0.39 NTU	62.1 mV	40.68 ft	200.00 ml/min
8/24/2022 1:43 PM	10:00	7.33 pH	21.11 °C	332.74 μS/cm	2.59 mg/L	0.35 NTU	86.9 mV	40.68 ft	200.00 ml/min
8/24/2022 1:48 PM	15:00	7.34 pH	20.95 °C	331.62 μS/cm	2.38 mg/L	0.49 NTU	91.0 mV	40.68 ft	200.00 ml/min
8/24/2022 1:53 PM	20:00	7.34 pH	20.99 °C	331.33 μS/cm	2.26 mg/L	0.20 NTU	91.6 mV	40.68 ft	200.00 ml/min
8/24/2022 1:58 PM	25:00	7.33 pH	20.85 °C	330.94 μS/cm	2.11 mg/L	0.22 NTU	92.5 mV	40.68 ft	200.00 ml/min
8/24/2022 2:03 PM	30:00	7.33 pH	20.95 °C	329.59 μS/cm	2.02 mg/L	0.22 NTU	91.8 mV	40.68 ft	200.00 ml/min
8/24/2022 2:08 PM	35:00	7.34 pH	20.76 °C	330.19 μS/cm	1.97 mg/L	0.15 NTU	91.3 mV	40.68 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 8/24/2022 3:10:47 PM

Project: Plant Mitchell CCR (2) **Operator Name:** Ever Guillen

Location Name: PZ-33
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: 51.49 ft

Pump Type: QED
Tubing Type: HDPE

Pump Intake From TOC: 68.6 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.22 ft Instrument Used: Aqua TROLL 400

Serial Number: 877800

Test Notes:

Sample time = 1545

Weather Conditions:

Hot-humid-some rain

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.1	+/- 5	+/- 10	+/- 0.3	
8/24/2022 3:10 PM	00:00	7.15 pH	23.97 °C	458.72 μS/cm	2.82 mg/L	24.10 NTU	-8.8 mV	52.71 ft	200.00 ml/min
8/24/2022 3:15 PM	05:00	7.12 pH	23.39 °C	463.28 μS/cm	1.02 mg/L	20.30 NTU	13.9 mV	52.71 ft	200.00 ml/min
8/24/2022 3:20 PM	10:00	7.11 pH	23.21 °C	462.87 μS/cm	0.53 mg/L	16.90 NTU	22.0 mV	52.71 ft	200.00 ml/min
8/24/2022 3:25 PM	15:00	7.11 pH	23.08 °C	461.38 μS/cm	0.31 mg/L	12.10 NTU	27.3 mV	52.71 ft	200.00 ml/min
8/24/2022 3:30 PM	20:00	7.10 pH	23.34 °C	463.17 μS/cm	0.25 mg/L	8.72 NTU	30.6 mV	52.71 ft	200.00 ml/min
8/24/2022 3:35 PM	25:00	7.10 pH	23.32 °C	461.57 μS/cm	0.20 mg/L	5.39 NTU	32.9 mV	52.71 ft	200.00 ml/min
8/24/2022 3:40 PM	30:00	7.10 pH	23.52 °C	463.96 μS/cm	0.19 mg/L	3.07 NTU	35.8 mV	52.71 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 8/26/2022 10:42:59 AM

Project: Plant Mitchell CCR (9) **Operator Name**: Daniel Howard

Location Name: PZ-57
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: 30.82 ft

Pump Type: Sample Pro Bladder

pump

Tubing Type: HDPE

Pump Intake From TOC: 68.4 ft Estimated Total Volume Pumped:

7000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.32 ft Instrument Used: Aqua TROLL 400

Serial Number: 884186

Test Notes:

Sample time 1120. Sample ID: MIT-PZ-57-WG-20220826.

Weather Conditions:

Partly cloudy, 77F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
8/26/2022 10:42 AM	00:00	7.09 pH	23.53 °C	614.03 μS/cm	0.78 mg/L	14.10 NTU	69.3 mV	31.14 ft	200.00 ml/min
8/26/2022 10:47 AM	05:00	7.09 pH	23.61 °C	583.90 μS/cm	0.50 mg/L	18.90 NTU	51.0 mV	31.14 ft	200.00 ml/min
8/26/2022 10:52 AM	10:00	7.08 pH	23.79 °C	584.94 μS/cm	0.42 mg/L	15.60 NTU	37.0 mV	31.14 ft	200.00 ml/min
8/26/2022 10:57 AM	15:00	7.09 pH	23.66 °C	582.04 μS/cm	0.36 mg/L	15.70 NTU	30.8 mV	31.14 ft	200.00 ml/min
8/26/2022 11:02 AM	20:00	7.09 pH	23.70 °C	582.62 μS/cm	0.32 mg/L	11.40 NTU	29.6 mV	31.14 ft	200.00 ml/min
8/26/2022 11:07 AM	25:00	7.09 pH	23.64 °C	582.05 μS/cm	0.29 mg/L	9.14 NTU	25.1 mV	31.14 ft	200.00 ml/min
8/26/2022 11:12 AM	30:00	7.09 pH	23.60 °C	581.39 μS/cm	0.25 mg/L	4.99 NTU	40.0 mV	31.14 ft	200.00 ml/min
8/26/2022 11:17 AM	35:00	7.09 pH	23.60 °C	583.06 μS/cm	0.21 mg/L	2.37 NTU	50.3 mV	31.14 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 10/11/2022 2:54:04 PM

Project: Plant Mitchell (3)
Operator Name: Ever Guillen

Location Name: PZ-25
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 52 ft
Total Depth: 62 ft

Initial Depth to Water: 34.32 ft

Pump Type: QED
Tubing Type: HDPE

Pump Intake From TOC: 62 ft Estimated Total Volume Pumped:

8000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.44 ft Instrument Used: Aqua TROLL 400

Serial Number: 843285

Test Notes:

Sample time = 1540

Weather Conditions:

Clear-hot-humid

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/11/2022 2:54 PM	00:00	7.23 pH	29.08 °C	380.40 μS/cm	2.83 mg/L	7.93 NTU	-45.7 mV	34.32 ft	200.00 ml/min
10/11/2022 2:59 PM	05:00	7.12 pH	25.18 °C	388.54 μS/cm	0.55 mg/L	7.22 NTU	-118.7 mV	34.76 ft	200.00 ml/min
10/11/2022 3:04 PM	10:00	7.13 pH	25.04 °C	387.60 μS/cm	0.29 mg/L	5.72 NTU	-126.3 mV	34.76 ft	200.00 ml/min
10/11/2022 3:09 PM	15:00	7.13 pH	24.86 °C	390.04 μS/cm	0.25 mg/L	4.37 NTU	-129.4 mV	34.76 ft	200.00 ml/min
10/11/2022 3:14 PM	20:00	7.13 pH	24.55 °C	387.33 μS/cm	0.24 mg/L	3.39 NTU	-129.2 mV	34.76 ft	200.00 ml/min
10/11/2022 3:19 PM	25:00	7.13 pH	24.54 °C	388.33 μS/cm	0.23 mg/L	1.88 NTU	-145.9 mV	34.76 ft	200.00 ml/min
10/11/2022 3:24 PM	30:00	7.14 pH	24.96 °C	389.38 μS/cm	0.23 mg/L	1.22 NTU	-133.2 mV	34.76 ft	200.00 ml/min
10/11/2022 3:29 PM	35:00	7.14 pH	25.07 °C	390.08 μS/cm	0.22 mg/L	0.87 NTU	-134.0 mV	34.76 ft	200.00 ml/min
10/11/2022 3:34 PM	40:00	7.13 pH	24.86 °C	388.97 µS/cm	0.22 mg/L	1.03 NTU	-133.9 mV	34.76 ft	200.00 ml/min

Sample ID:

Test Date / Time: 10/11/2022 12:37:05 PM

Project: Plant Mitchell (2) Operator Name: Ever Guillen

Location Name: PZ-32
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 60 ft
Total Depth: 70 ft

Initial Depth to Water: 41.63 ft

Pump Type: QED
Tubing Type: HDPE

Pump Intake From TOC: 65 ft Estimated Total Volume Pumped:

7000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.16 ft Instrument Used: Aqua TROLL 400

Serial Number: 843285

Test Notes:

Sample time = 1315

Weather Conditions:

Cool-cloudy-humid

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
10/11/2022 12:37 PM	00:00	7.70 pH	23.71 °C	252.44 μS/cm	8.63 mg/L	4.33 NTU	83.0 mV	41.63 ft	200.00 ml/min
10/11/2022 12:42 PM	05:00	7.42 pH	20.59 °C	274.70 μS/cm	1.50 mg/L	3.38 NTU	19.0 mV	41.78 ft	200.00 ml/min
10/11/2022 12:47 PM	10:00	7.39 pH	20.82 °C	274.20 μS/cm	1.53 mg/L	2.96 NTU	36.5 mV	41.78 ft	200.00 ml/min
10/11/2022 12:52 PM	15:00	7.39 pH	20.86 °C	271.27 μS/cm	1.34 mg/L	2.21 NTU	39.2 mV	41.79 ft	200.00 ml/min
10/11/2022 12:57 PM	20:00	7.38 pH	21.09 °C	272.69 μS/cm	1.33 mg/L	1.38 NTU	41.7 mV	41.79 ft	200.00 ml/min
10/11/2022 1:02 PM	25:00	7.39 pH	21.15 °C	272.30 μS/cm	1.34 mg/L	1.10 NTU	43.2 mV	41.79 ft	200.00 ml/min
10/11/2022 1:07 PM	30:00	7.39 pH	21.34 °C	271.44 μS/cm	1.40 mg/L	0.98 NTU	44.4 mV	41.79 ft	200.00 ml/min
10/11/2022 1:12 PM	35:00	7.37 pH	21.18 °C	271.22 μS/cm	1.48 mg/L	0.94 NTU	45.8 mV	41.79 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	T: 20)22 Sem	i-Annual Event	1; <u>X</u> 2022	2 Semi-Annu	ıal Event 2; OTHER							
WELL ID / SAMPL WELL MATERIAL:	PVC	ss _	_OTHER		08 <u>26</u>		MATRIX: Gr	oundwater					
SAMPLE METHOD DUP./REP. OF:		-	ver pun	~ <i>P</i>	DEPTH T	AMETER:O WATER:EPTH:	_	GRAB (x) CO	MPOSITE ()				
Pump Intake Set a or Tubing Inlet Set at					PURGE V [0.163 x v [0.653 x v	WATER COLUMN HEIGHT:							
TIME	VOL. PI		DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV)	pH (+/- 0.1		TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹			
Initial:	(9)	,			, , , , , , , , , , , , , , , , , , , ,			[== 1110]	()	(115100)			

	ļ												
							<u> </u>						
					_		***********						
· · · · · · · · · · · · · · · · · · ·	 												
	ļ												
	-												
													
	-		***************************************										
					- 								
NOTES:	rate no g	reater t	han 100 ml/min a	and the wate	er level is abo	d when 3 consecutive was	ater level meas	surements vary	by 0.3 foot or less	at a pumping			
			dry, allow to recl					1293	, , , , , ,	670 Arm Am			
					le (ro	Bladder pun	p 45e 1	O Bamp	Ir well	PZ-57			
SAMPLE DATE :	14 Se 4	193	agized A.	31147	pel 1	vater (Chev	nworle	(773 <u>7</u> -	18-57				
SAMPLE DATE: _ SAMPLE TIME:	09	O/J	<i></i>			Pu							
		4-20			рH	<u> </u>							
CONTAINER SIZE/TYPE	NO.		DDESE		check	ANALYTICAL METHOD		ANI	ALYSIS				
250 mL/Poly	1	ATHER MENTERS	"	to pH <2	1 < 2	SW6010D/SW6020B/S W7470A			& IV Metals				
250 mL/Poly	1		Cool	to 6°C	****	EPA 300.0 R2.1		Арр. І	II Anions				
500 mL/Poly	ly 1 Cool to 6°C SM2								rds				
1 L/Poly	2		HNO3	to pH <2	142	EPA 9315/9320		Radium 226 8	& 228 Combined				
	***************************************		M49-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	OF	UEDAL INEC	DA4 A TION							
WEATHER:	-37	77		حبوب	NERAL INFO	7 MOF							
SHIPPED VIA:	FED-X	TIX	Clowe	/	enf	15.0							
SHIPPED TO:	PACE La		ries - 110 Techr icole.d'oleo@p			e Corners, GA 30092 PH	: (770) 734-42	03 POC: Nicole	e D'Oleo (O) 704-9	977-0940 (M)			
SAMPLER:	Jan	(0.)	Howar	1		OBSERVER:							
				_									

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc. 1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

				11011411107	12-10-100 / 1	100 (110) 121 0100					
SAMPLING EVEN	T: 20)22 Sem				al Event 2; OTHER			1942.775.7		
WELL ID / SAMPL	:PVC	ss_	OTHER	NQ-2022(0824		MATRIX: Gr	oundwater			
SAMPLE METHO	D: D'.	rect	Pour			- Carriero					
DUD /BED OF						AMETER:		CDAD (w) CO	MDORITE ()		
DUP./REP. OF:					TOTAL D	O WATER:	****	GRAB (x) CO	MPOSITE()		
Pump Intake Set a	at (btoc):	-			WATER C	OLUMN HEIGHT:	=				
or	` , _				PURGE V	OLUME:					
Tubing Inlet Set a	t (btoc):_	-			[0.163 x w	vater column height (ft)	x 3 (well volu	mes) for 2" wel	is]		
•					[0.653 _, x w	ater column height (ft)	x 3 (well volu	mes) for 4" wel	ls]		
					[1.47 x wa	ter column height (ft) x	3 (well volum	nes) for 6" wells	3]		
	VOL. PI	5	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record	ORP (mV)	pH (+/- 0.1	, ,	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump setting) (100	Water Level	
TIME	(ga	ai)	only	record only	pH units)	[+/- 5%]	Record only	[≤5 NTU]	ml/mln)	(Ft BTOC) ¹	
Initial:	 								()		
	-									· · · · · · · · · · · · · · · · · · ·	

	-										
	ļ				<u> </u>						
	 										
											
NOTES:						I d when 3 consecutive wa ove the top of the screen.		L surements vary	by 0.3 foot or less	at a pumping	
	If well is	purged	dry, allow to rec	harge and sa	ample within	24 hrs.					
	Turbidity	/ ≤5 NT	'Us Dei	0012B	dity	DE I ASTI	N wat	25			
	<u> </u>	4	<u>Che</u>	m Wor	<u>-12 "</u>	732-18-5					
SAMPLE DATE:_ SAMPLE TIME:	¥/2 10	00	2.2								
CONTAINER SIZE/TYPE	NO.		PRESE	RVATIVE	p H Check	ANALYTICAL METHOD		AN.	ALYSIS		
250 mL/Poly	1		HNO3	to pH <2	42	SW6010D/SW6020B/S W7470A		App. III	& IV Metals		
250 mL/Poly	11			to 6°C		EPA 300.0 R2.1			III Anions		
500 mL/Poly	1			to 6°C		SM2540C			TDS		
1 L/Poly	2	<u> </u>	HNO3	to pH <2	<u> </u>	EPA 9315/9320		Radium 226	& 228 Combined		
		<u> </u>						·····			
		MARCHANIA MARKATAN	MANUFACTURE AND AND ADDRESS OF THE PARTY OF	GEN	IERAL INFO	RMATION		*****			
WEATHER:	(2)	100	Cast	chand	,	rain	······································				
SHIPPED VIA:	FED-X										
SHIPPED TO:		E Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Nicole D'Oleo (O) 704-977-0940 (M) 467-4501: nicole.d'oleo@pacelabs.com (Huntersvill NC lab)									

OBSERVER:

EVER GUILLEN

SAMPLER:

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

	SAMPLING EVENT	T: 2022 Sem	i-Annual Event	1; <u>X</u> 2022 :	Semi-Annu	al Event 2; OTHER				
	WELL ID / SAMPLI WELL MATERIAL:	PVC SS	OTHER	•	n		MATRIX: Gr	oundwater		
	SAMPLE METHOD DUP./REP. OF:	_) DEDICATO	ED BLADDEN	WELL DIA	METER: 2 (1) D WATER: 55.07		GRAB (x) CO	MPOSITE ()	
	Pump Intake Set a		4 76.6	5	TOTAL DE	EPTH: 1 GH-2+ S	14277		3 = 3,/3 0 //	26.58
	or Tubing Inlet Set at	(btoc):	<u>.</u>		[0.653 x w	OLUME: 3,700 (ft) vater column height (ft) vater column height (ft) xter column height (ft) x	x 3 (well volu x 3 (well volu	mes) for 4" wel	is]	
			DO (±10% for DO > 0.5 mg/L			The solution regist (to) X	Viven voidin	1037101 0 100113	Pump Rate	
	TIME	VOL. PURGED (gal)	for DO < 0.5 mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
	Initial: 1048 🏇	0125	6.42	84.5	7.05	249.84	24,09	33.6	200 ()	55,07
5,0	1053 1000		2.67	37,9	7.37	244,55	22.19	29.4	200	56,52
10	1658 150	0.75	3,17	34,4	7.43	250.98	23.97	23.1	200	56.63
15	1103 2000	1.0	3,27	2,86	7,45		25,24	17.5	200	56.63
20	1108 25,0	1,25	2.86	26.9	7,47	248.87	25,93	13.9	200	56,61
25	1113 3000	1.5	2,68	27,0	7.46	25-77 246,85	25,97	8.80	200	56.61
30	1118 3500	1.75	2.59	26.5	7.47	245.88	25.96	6153	200	56.61
35	1123 400	2.0	2.56	25.2	7,49	247.87	25.81	5,44	200	56.61
40	1128 -	2,25	2,53	25.9	7.48	248,03	26,19	5,12	200	56,61
45	1133 -	2.5	2.61	26.9	7,49	248.17	26,33	3,90	200	56.61
	1135	Collect	Some	le-						
	NOTES:	rate no greater t	nan 100 ml/min	and the water	level is abo	d when 3 consecutive wa we the top of the screen.		surements vary	by 0.3 foot or less	at a pumping
		If well is purged		harge and sar	mple within :					
		Turbidity ≤ 5 NT				PRESE	RVED SA	PMPLES	$PH = \langle 2.0 \rangle$	<u> </u>
	041401.5.0455	0 244 172	ellected	<u>, cluplic</u>	<u>at C 36.</u>	mple! AFM!	r-Apaia	-FD-001-	WG-202208	324
	SAMPLE DATE : SAMPLE TIME :	8-24-z								_
	CONTAINER					ANALYTICAL				
	SIZE/TYPE	NO.	PRESE	RVATIVE		METHOD	******	ANA	ALYSIS	
	250 mL/Poly	1 HNO3 to pH <2 SW6010D/SW6020B/S W7470A App. III & IV Metals 1 Cool to 6°C EPA 300.0 R2.1 App. III Apions								
	250 mL/Poly	1				EPA 300.0 R2.1			Il Anions	
	500 mL/Poly 1 L/Poly	2		to 6°C to pH <2		SM2540C EPA 9315/9320			TDS & 228 Combined	****
Ì				•	· · · · · · · · · · · · · · · · · · ·					
				GEN	ERAL INFO	RMATION				
	WEATHER:	HUT-HU	~10- 501	16 RA1	N					
ĺ	SHIPPED VIA:	FED-X								
		PACE Laborato				Corners, GA 30092 PH	: (770) 734-42	03 POC: Nicole	e D'Oleo (O) 704-	977-0940 (M)

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	T: 2022 S	Semi-Annual Event	1; <u>X</u> 2022 \$	Semi-Annu	al Event 2; OTHER				
WELL ID / SAMPL WELL MATERIAL SAMPLE METHOD DUP./REP. OF: Pump Intake Set a or Tubing Inlet Set a	: XPVC _ s D: QED Bladd at (btoc): _ 7	<u>Dedicated</u> er Pump (i		WELL DIA DEPTH TO TOTAL DI WATER C PURGE V [0.163 x w [0.653 x w	OWATER: 38.65 EPTH: 80.95 OLUMN HEIGHT: 1	2.39 x 3 (well volui x 3 (well volui	GRAB (x) CO mes) for 2" wel mes) for 4" wel	ls]	
TIME Initial: 11 0 1 11 0 6 11 1 1 11 1 6 11 2 1 11 2 6 11 3 1	VOL. PURGI (gal) 0 0.25 0.5 0.75 1,25	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only 1.6.2 2.2.2 2.67 2.67 3.02 3.02	ORP (mV) record only 60.3 63.6 81.6 62.8 80.9 61.4	pH (+/- 0.1 pH units) 7,73 7,95 7,98 7,98 7,98 8,00	SPEC. COND. (µs/cm) [+/-5%] 150.23 159.47 162.43 163.02 162.43 163.03	TEMP (°C) Record only 21.06 20.62 20.59 20.62 20.63 20.64	TURB. (NTU) [55 NTU] 2.52 2.56 1.53 1.74 1.46 1.51	Pump Rate ml/min. (& pump setting) (100 ml/min) 200 () 200 () 200 () 200 () 200 () 200 ()	Water Level (Ft BTOC) ¹ 38.66 38.66 38.66 38.66 38.66 38.66
NOTES:	rate no great	er than 100 ml/min jed dry, allow to rec	and the water	level is abo	d when 3 consecutive wa ve the top of the screen. 24 hrs.	ater level meas	urements vary	by 0.3 foot or less	at a pumping
SAMPLE DATE : _ SAMPLE TIME :	1122								-
CONTAINER SIZE/TYPE	NO.		RVATIVE / C	p H Check	ANALYTICAL METHOD SW6010D/SW6020B/S		ANA	ALYSIS	
250 mL/Poly	1		to pH <2	<2	W7470A		App. III	& IV Metals	
250 mL/Poly 500 mL/Poly	1 1		to 6°C		EPA 300.0 R2.1			II Anions	
1 L/Poly	2	·· - ··································	to pH <2	~ 2	SM2540C EPA 9315/9320			rDS & 228 Combined	
************************			GENE	ERAL INFO	RMATION		·	T-100	
WEATHER:		cast 5		lain	75°F				
SHIPPED VIA: SHIPPED TO:					Corners, GA 30092 PH	: (770) 734-42	03 POC: Nicole	D'Oleo (O) 704-9	977-0940 (M)
SAMPLER:	104-407-450	1: nicole.d'oleo@p		·	II NC lab) OBSERVER:			<u></u>	

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	T: 2022 Se	mi-Annual Event 1	; <u>X</u> 2022	Semi-Annu	ial Event 2; OTHER	· · · · · · · · · · · · · · · · · · ·		***************************************	
WELL ID / SAMPL WELL MATERIAL SAMPLE METHOD	Vario on			ee Eur	mp)	MATRIX: Gr	oundwater		
DUP./REP. OF:				WELL DIA	AMETER: <u>Z'</u> O WATER: <u>34.9</u> 2	<u>.</u>	GRAB (x) CO	MPOSITE ()	
Pump Intake Set a	t (btoc): <i>5</i> 5	737		WATER C	EPTH: <u>60.37</u> COLUMN HEIGHT: <u>2</u> COLUME: 12.97	5,45 X	0,17 = 4,32	. ×3 = 12.9	7
Tubing Inlet Set at	(btoc):	1000		[0.163 x w	vater column height (ft) vater column height (ft) ater column height (ft) x	x 3 (well volu	mes) for 4" wel	ls]	
TIME	VOL. PURGED (gal)	only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1323 0,0	0,1	3.37	-30,9	7,13	480,27	23.81	28.1	Z00()	34.92
1325 1151	0.15	1134	6,0	6.99	BB 495:17	22.08	28.7	7.00	34.92
1330 6,51			22.7	6.98		22.27	23.6	200	34.25
1335 1151	0.50	1.39	19.5	6,99		24.65	16.9	200	34.95
1:340 1651	0:75	1,63	263	7,00		25,51	10,7	200	34,95
1345 2151	1,0					22.18	6,06	200	34.95
1350 2651	1.25				485-15	21.85	5.02	200	34.95
1355 3151	1.5	5 0.90 41.9			486.70	21.82	3,98	200	34.95
1400 3651	1.75		43,6	6,78	486.80	21.82	2,66	200	39.95
1405 4151 1410 Co	2.0 llect	500.00	38.2	6.98	486.05	21.73	1.73	200	34.95
1710 (0	wy	Somple	-			***************************************	· · · · · · · · · · · · · · · · · · ·		
		 							
NOTES:	rate no greater		nd the water	level is abo	d when 3 consecutive wa we the top of the screen. 24 hrs.		urements vary l	by 0.3 foot or less	at a pumping
	Turbidity ≤ 5 N	TUs							
				PRES	SERVED SAMPL	ES PH	= (2,0)	
SAMPLE DATE :	8-25-2								•
SAMPLE TIME :	1410	Notice of the Annual Control of the							
CONTAINER					ANALYTICAL				
SIZE/TYPE	NO.	PRESER	VATIVE		METHOD	the statement of the statement	ANA	ALYSIS	
250 mL/Poly	1	HNO3 to	·		SW6010D/SW6020B/S W7470A		App. III 8	& IV Metals	
250 mL/Poly	1	Cool to			EPA 300.0 R2.1			II Anions	
500 mL/Poly	1 Cool to 6°C SM2540C TDS								
1 L/Poly	2	HNO3 to	pH <2		EPA 9315/9320		Radium 226 8	& 228 Combined	
								· · · · · · · · · · · · · · · · · · ·	
		the state of the s	GENE	RAL INFO	PMATION			************	
VEATHER:	Um - 11	UMID - SO		اران الالال					
		VMIN 30	1-15 L/	1//0					
CUIDDED TO	PACE Laborato 704-467-4501: ı	ories - 110 Techno nicole.d'oleo@pac	ology Pkwy, celabs.com	Peachtree (Huntersvi	Corners, GA 30092 PH II NC lab)	: (770) 734-42	03 POC: Nicole	D'Oleo (O) 704-9	977-0940 (M)
		CEN			OBSERVER:				

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVENT	Γ:20	22 Sem	ni-Annual Event	1; <u>X</u> 2022 S	Semi-Annu	al Event 2; OTHER			A. P		
WELL ID / SAMPLI	EID: MI	T-PZ-	-14-WG-202	208 <i>25</i>			MATRIX: Gr	oundwater			
WELL MATERIAL:	X PVC	ss _	_ OTHER		~ \						
SAMPLE METHOD	: Cow	row	(DEDICATED	BLADVERT	(שמנט	- //					
					WELLDIA	AMETER: 2/					
DUP./REP. OF:		40	201		DEATH IC	D WATER: <u>45,55</u> EPTH: <u>53,20</u>		GRAB (x) CO	MPOSITE ()		
Pump Intake Set a	t (btoc):	70	,20'		WATER	OLUMN HEIGHT: 7.	_ 65~v 0.17	1-1.30 x	3:3.90		
or	t (btoo)					OLUME: 3.90	55 76 -117 6	-11001), t		
Tubing Inlet Set at	(htoc):					ater column height (ft)	— v 3 (woll volu	mae) for 2" wal	lo1		
rabing into out at	(5100)1					ater column height (ft)					
						ter column height (ft) x		•	-		
	T		DO (±10% for	****	l						
			DO > 0.5 mg/L						Pump Rate		
			for DO < 0.5						mi/min. (& pump	l	
TIME	VOL. PL		mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	setting) (100 mi/min)	Water Level (Ft BTOC) ¹	
Initial: 1510 0,0	(ga		6,99	42.0	7,45						
1515 5,0	0,2		6,03	62,5	6,95	302.21	29,75	21,1	2000 ()	45,61	
	0.5		6,02	GEO 491		452,16	23,08	12,6	200 200	45,61	
1525 15.0		0.75 5.88 61,6 6.95 452,98 22.81 8,98 200 45,61									
1530 ZO.0	1,0		5,76	48.1	6,94		22.58	6,54	200	45,61	
1535 25,0	1.2		5,66	61.1	6.93		22.54	5,32	200	45,61	
1540 30.0	1.5		5,65	46.8	6.93		22.85	3,96	200		
1545 35,0	1:75		5.62	53.8	6.93	456.33	22.90	2,73	200	45,61	
1550 40.0	2.6		5,59	53,7	6,93		22.74	1155	200	45,61	
1555 45,0	2.0		5.58	45:0	6.93	455.19	22,45	0,67	200	45,61	
1600	Coll		SAMPLE			1,33.7.1		0701		13/61	
			2777 (7 6 2								
NOTE O						d when 3 consecutive wa		surements vary	by 0.3 foot or less	at a pumping	
NOTES:						ove the top of the screen.					
	Turbidity		dry, allow to recl			··········	P11-	120			
	Turblaity	3 3 141			RESERI	VED SAMPLES	1/1=	42.0			
SAMPLE DATE : _	B-25.	-22									
SAMPLE TIME :											
CONTAINER	ļ					AŅALYTICAL					
SIZE/TYPE	NO.	W	PRESE	RVATIVE	W. 601 - 1 - 1 - 1 - 1	METHOD		ANA	ALYSIS		
250 mL/Poly	1		HNO3 (to pH <2		SW6010D/SW6020B/S W7470A		App. III a	& IV Metals		
250 mL/Poly	1			to 6°C		EPA 300.0 R2.1		Арр. І	ll Anions		
500 mL/Poly	1		Cool	to 6°C		SM2540C			rds		
1 L/Poly	2		HNO3 I	to pH <2		EPA 9315/9320		Radium 226 8	& 228 Combined		
				·							

A/E ATUED.		17		GENE	RAL INFO	RMATION	······································				

	GL	NERAL INFORMATION					
WEATHER: HOT - HUMID - SOME RAIN							
SHIPPED VIA:	FED-X						
SHIPPED TO:	PACE Laboratories - 110 Technology Pkv 704-467-4501: nicole.d'oleo@pacelabs.co	vy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Nicole D'Oleo (O) 704-977-0940 (M) om (Huntersvill NC lab)					
SAMPLER:	ER GUILLEN	OBSERVER:					

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVENT	Γ: 20	22 Sem	i-Annual Event	1; <u>X</u> 2022	Semi-Annu	al Event 2;	OTHER						
WELL ID / SAMPL WELL MATERIAL: SAMPLE METHOD DUP./REP. OF: Pump Intake Set a	X PVC : Q E T 3 Va t (btoc):	Diss Diss Diss Diss Diss Diss Diss Diss	other edicate pump	1	WELL DIA DEPTH TO TOTAL DI WATER O PURGE V	WELL DIAMETER:							
Tubing Inlet Set at	(btoc):					[0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells]							
				v.				•	nes) for 6" wells	-			
TIME Initial: 1326 1331 4336	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L for DO < 0.5 mg/L for DO < 0.5 mg/L for DO < 0.5 mg/L record only record only record only record only record only 1 milts) SPEC. COND. (μs/cm) TEMP (°C) TURB. (NTU) Setting) (100 mi/min) Water (Ft BT O .15												
137	0.	3	1.27	-114.7	7.16	517.7	32_	2451	1.87		31.99		
1337	1.7	5	7.8	-108.7	7.16	517	77	24.34	0.57	200	32.02		
1356	1,5	O	0.66	704.2	7,16	517.3	32	24.29	0.66	200	32,04		
1401	1.7	5	g.you	-99,0	7.16	517.4	7	24.38	0.46	200	32.06		
1406	2.0	2	0.71	-94.2	7.15	511.7	14	24,48	0.41	200	32.06		
	1												
NOTES:	rate no g	ation of reater tl	water column w nan 100 ml/min	/III be conside and the water	red achieve · level is abo	d when 3 conse eve the top of th	ecutive wa ne screen.	ater level meas	surements vary	by 0.3 foot or less	at a pumping		
			dry, allow to rec										
	Turbidity	≤ 5 NT	Us										
SAMPLE DATE :	3/7	5/2	<u> </u>				• • • • • • • • • • • • • • • • • • • •				-		
SAMPLE TIME :		08			- 11								
CONTAINER	110		22505		en la	ANALYTI							
SIZE/TYPE	NO.				<u>check</u>	METHO SW6010D/SW				ALYSIS			
250 mL/Poly	1		HNO3	to pH <2	<u> </u>	W7470			App. III	& IV Metals			
250 mL/Poly	1	······································		to 6°C		EPA 300.0	R2.1		App. I	III Anions			
500 mL/Poly	1			to 6°C		SM254				TDS			
1 L/Poly	2		HNO3	to pH <2	42	EPA 9315	/9320		Radium 226	& 228 Combined			
	GENERAL INFORMATION												
WEATHER:	0.	10.001	205t, "	Temp 8	2005								
SHIPPED VIA:	FED-X			,	o '								
							30092 PH	: (770) 734-42	03 POC: Nicol	e D'Oleo (O) 704-9	977-0940 (M)		
SAMPLER: 3	PLER: Danie Howard OBSERVER:												

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	T: 202	2 Semi- A nnual Event	1; <u>X</u> 2022 :	Semi-Annu	al Event 2;OTHER						
WELL MATERIAL:	: X PVC _	-PZ-16-WG-202 ss_other bedicated	•		a	MATRIX: Gr	oundwater				
DUP./REP. OF:			(Low-low)	TOTAL DE	GRAB (x) COMPOSITE ()						
Pump Intake Set a	ıt (btoc):	10.11			***************************************	6.89					
or Tubing Inlet Set at	t (htoc):			PURGE V		 v 3 (woll volu	mae) for 2" wal	le1			
rubing inter oct at	. (5.00)	· · · · · · · · · · · · · · · · · · ·		-	[0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells]						
					ter column height (ft) x	,	•	-			
	1		I	T				T	I		
		DO (±10% for DO > 0.5 mg/L	ĺ					Pump Rate			
		for DO < 0.5	000 / 10	11.4.4.6.4	0050 00MB (()			ml/min. (& pump	14/		
TIME	VOL. PUR		ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	setting) (100 ml/min)	Water Level (Ft BTOC) ¹		
Initial: 1145	O	5.68	0.7	7.28	502.97	22.81	0.45	200()	36.38		
1150	0.2	5 1.15	84.7	7.15	506.54	22.62	1,65	200	36,38		
1155	0.5		127.2	7.14	494,43	22.60	1,30	200	36,38		
1200	0.7	W V V V	1343	7.15	493.70	22.54	1,14	200	36,38		
12.05	J. C	1.84	137.3	7.15	492.92	22.53	1,09	200	36.38		
1210	1.2.	5 1.87	104,3	1.14	492.83	22.43	0.42	200	36.38		

						· · · · · · · · · · · · · · · · · · ·					
NOTES:	rate no gre	eater than 100 ml/min	and the water	level is abo	d when 3 consecutive wa ve the top of the screen.	iter level meas	urements vary	by 0.3 foot or less	at a pumping		
		urged dry, allow to rec	harge and sar	nple within	24 hrs.						
	Turbidity s	2 2 14 1 0 2									
SAMPLE DATE :	S125	12									
SAMPLE TIME :	1212										
CONTAINER			9	PH 9	ANALYTICAL						
SIZE/TYPE	NO.	PRESE		check	METHOD		ANA	ALYSIS			
250 mL/Poly	1	HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals			
250 mL/Poly	1		to 6°C		EPA 300.0 R2.1			II Anions			
500 mL/Poly	1		to 6°C		SM2540C			rds			
1 L/Poly	2	HNO3	to pH <2	~ 2_	EPA 9315/9320		Radium 226	& 228 Combined			
l											
			GENI	ERAL INFO	RMATION						
WEATHER:	Duo	cost, Te	mp 7"	7°F			······································				
SHIPPED VIA:	FED-X	,	7								
SHIPPED TO:	704-467-4	oratories - 110 Techi 501: nicole.d'oleo@p		(Huntersvi		: (770) 734-42	03 POC: Nicol	e D'Oleo (O) 704-	377-0940 (M)		
SAMPLER: 10 A	n'el	Howard			OBSERVER:						

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVENT	Γ: 2022 Sen	ni-Annual Event	1; <u>X</u> 2022	Semi-Annu	al Event 2; OTHER							
WELL ID / SAMPL WELL MATERIAL: SAMPLE METHOD				e Ras)	weren 2"	MATRIX: Gr	oundwater					
DUP./REP. OF:				DEPTH TO	METER: 27 0 WATER: 35,03	_	GRAB (x) CO	MPOSITE()				
Pump Intake Set a	t (btoc):	7.70		WATER C	TOTAL DEPTH: 62:70 WATER COLUMN HEIGHT: 27:67 × 0:17 = 4:70 × 3 = 14:11 PURGE VOLUME: 14:11							
Tubing Inlet Set at	(btoc):			[0.653 x w	ater column height (ft) rater column height (ft) ter column height (ft) x	x 3 (well volui	mes) for 4" wel	is]				
TIME	VOL. PURGED (gal)	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level			
Initial: 11380,0	0,1	7.26	-78.2	7,34	443,93	25.74	31.1	200 ()	35.03			
1143 5,0	0.25	0,19	-44,1	7,06	462,63	22.31	26,2	200	35111			
1148 10.0	0.50	8.11	-40.0	7,06	464.31	22.25	21.4	200	35.11			
1153 15,0	0.75	0,10	-363	7,06	468.34	22,22	16.9	200	35,11			
1158 20.0	1.0	0,11	-33.1	7,05	469,30	22.27	12,3	200	35,11			
120 25.0	1,25	0,11	-31.0	7,04	472.13	22.27	7.18	200	35,11			
1200 30,0	1.50	0,12	-29.0	7105	472.92	22.05	4,73	200	35,11			
1210	Collee	+ Sam	PLE									

·			***************************************									
NOTES:					d when 3 consecutive wa ve the top of the screen.	ater level meas	urements vary	by 0.3 foot or less	at a pumping			
	If well is purged	dry, allow to rec	harge and sar	mple within 2	24 hrs.	*						
	Turbidity ≤ 5 N	ΓUs							····			
				PRF	SERVED SAMPL	ES PH.	= 12.0					
SAMPLE DATE : _	8-25-2	2		,,,,,,								
SAMPLE TIME :	1210								•			
CONTAINER					ANALYTICAL							
SIZE/TYPE	NO.	PRESE	RVATIVE		METHOD		AN	ALYSIS				
250 mL/Poly	1	HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals				
250 mL/Poly	1		to 6°C		EPA 300.0 R2.1		App. I	II Anions				
500 mL/Poly	1		to 6°C		SM2540C			rds				
1 L/Poly	2	HNO3	to pH <2		EPA 9315/9320		Radium 226	& 228 Combined				
		·····				.,						
	**************************************		CENI	ERAL INFO	RMATION		- 17 H. V					
WEATHER:	14 11				CHAINA		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·				
	<u> 770-7 — Н</u> FED-X	0m0-51	ME KAI	N			****					
PHIDDED TO:		ries - 110 Tech	nology Pkwy, acelabs.com	Peachtree (Huntersvi	Corners, GA 30092 PH II NC lab)	: (770) 734-42	03 POC: Nicole	∋ D'Oleo (O) 704-9	977-0940 (M)			
	168 GUI				OBSERVER:				***			

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVENT	: 202	22 Sem	i-Annual Event	1; <u>X</u> 2022 \$	Semi-Annu	al Event 2; OTHER				
WELL ID / SAMPLE	= 15. MI*	T_D7_	.18_\MC_202	208 25			MATRIX O			
							MATRIX: Gr	oundwater		
WELL MATERIAL: SAMPLE METHOD	·LOW	_ 33 _ El pia	J DEDICA	TED BLADD	ER PUMP	.) "				
DUP./REP. OF: M	NT-AF	PAIR	-FD002-	WG-2022	DEPTH TO	WATER: 31.51 EPTH: 63,18		GRAB (x) CO	MPOSITE ()	
		מיייים	0.01	0825	TOTAL DE	PTH: 63,18	=	n and against	20 . 41 111	
Pump Intake Set at	t (btoc):_	<u> 5 8</u>	2118			OLUMN HEIGHT:	31.61X	0117 = 513	50 X 16.14	
or						OLUME: 16,14	_			
Tubing Inlet Set at	(btoc):				[0.163 x w	ater column height (ft)	x 3 (well volur	nes) for 2" wel	ls]	
					[0.653 x w	ater column height (ft)	x 3 (well volur	nes) for 4" wel	ls]	
					[1.47 x wa	ter column height (ft) x	3 (well volum	es) for 6" wells	s]	
	T		DO (±10% for		1			· · · · · · · · · · · · · · · · · · ·	T	
			DO > 0.5 mg/L						Pump Rate	
			for DO < 0.5						ml/min. (& pump	
71145	VOL. PU		mg/L record	ORP (mV)	pH (+/- 0.1		TEMP (°C)	TURB. (NTU)	setting) (100	Water Level
TIME	(gal	1)	only	record only	pH units)	[+/- 5%]	Record only	[≤5 NTU]	ml/min)	(Ft BTOC)
Initial: 942 0.0	0,	1	7,90	176.7	6.70	941:05	24.24	33.2	200 ()	31,5
947550	0.2		0.88	42,2	6.72	651.93	22.75	27,1	200	31.51
952 10,0	0.5	-	\$1.79	30.5	6.80	634.53	23,39	21.3	200	31,51
957 150	0.7		2.01	24.9	6.81	639,42	23,33	16.9	200	31,51
1002 20,0	1.0		0.73	24,5	6.79	644. 75	23.08	11.5	2.00	31.51
1007 25.0	1,29	5	0.20	32.3	6.77	647,69	22.89	8.79	200	31.5"
1012 30,0	1.5		0,19 33,1			648.95	23,02	6,22	200	31.5
100 3510	1.7		0.18	36,4	6.76	648.01	23,08	51/1	200	31,57
1022 40.0	2.0		0,19	36.6	6.76	348.66	22.98	3,98	200	31.50
1027 45,0	2.29		0,18	37.1	6.76	348.81	22.92	1.31	200	31.5-1
1032 50.0	2.5	e Aur	0.18	37.1	6.76	348.77	22.99	0,37	200	31.51
1035	Colle	es_	Sample							
	1									
NOTES.						d when 3 consecutive wa ve the top of the screen.	iter level meas	urements vary l	by 0.3 foot or less	at a pumping
NOTES:			dry, allow to rec							
	Turbidity			T	Α	5.6	En			
	Taibiaity	30141	000	recrex	Date Lect	rote sample	FD-00			
SAMPLE DATE :	8-25	-22	-		TRESE	RVED SAMPLES	THIS	2.0		
SAMPLE TIME :	103						***************************************			•
	100									
CONTAINER						ANALYTICAL				
SIZE/TYPE	NO.		PRESE	RVATIVE		METHOD		AN	ALYSIS	
250 mL/Poly	1		HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III a	& IV Metals	
250 mL/Poly	1		Cool	to 6°C		EPA 300.0 R2.1		App. l	Il Anions	
500 mL/Poly	1			to 6°C		SM2540C			rds	
1 L/Poly	2		HNO3	to pH <2		EPA 9315/9320		Radium 226 8	& 228 Combined	

				GEN	RAL INFO	RMATION				

	GEN	ERAL INFORMATION
WEATHER:	HOT-HUMID - RAIN	
SHIPPED VIA:	FED-X	
SHIPPED TO:	PACE Laboratories - 110 Technology Pkwy 704-467-4501: nicole.d'oleo@pacelabs.com	, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Nicole D'Oleo (O) 704-977-0940 (M) n (Huntersvill NC lab)
SAMPLER: E	VER GUILLEN	OBSERVER:

SAMPLER:

Daniel Howard

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN	T: 20:	22 Sem	i-Annual Event	1; <u>X</u> 2022	Semi-Annu	al Event 2; OTHER				
WELL ID / SAMPL WELL MATERIAL: SAMPLE METHOD DUP./REP. OF: Pump Intake Set a or Tubing Inlet Set at	Blad	SS De Wer 57	other dicated property		WELL DIA DEPTH TO TOTAL DI WATER C PURGE V [0.163 x w [0.653 x w	MATRIX: Groundwater WELL DIAMETER: 2 GRAB (x) COMPOSITE () TOTAL DEPTH: 62.63 WATER COLUMN HEIGHT: 23.6 PURGE VOLUME: [0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells] [1.47 x water column height (ft) x 3 (well volumes) for 6" wells]				
TIME Initial: 1002 1007 1012 1017 1012 1027	1.6) . 5	DO (±10% for DO > 0.5 mg/L record only 3.96 0.11 0.38 0.34 0.35 0.37	ORP (mV) record only 120, 5 98, 9 127, 1 127, 0 98, 4 124, 1	pH (+/- 0.1 pH units) 7.00 6.67 6.67 6.67	SPEC. COND. (μs/cm) [+/- 5%] 364, 90 361, 49 461, 18 463, 79 358, 98	TEMP (°C) Record only 23.97 22.75 22.63 12.67 22.68	TURB. (NTU) [\$5 NTU] 3.06 0.25 0.62 0.24 0.22 0.15	Pump Rate ml/min. (& pump setting) (100 ml/min) 200() 200 200 200 200 200	Water Level (Ft BTOC) ¹ 34.07 34.07 34.07 34.07 34.07
NOTES:	rate no gi	reater ti ourged	han 100 ml/min dry, allow to rec	and the water	level is abo	d when 3 consecutive wanter the top of the screen. 24 hrs.		surements vary	by 0.3 foot or less	at a pumping
SAMPLE DATE : _	\$/2	5/2	2.							-
SAMPLE TIME :	102	<u>y</u>	· · · · · · · · · · · · · · · · · · ·				· · · · · · · · · · · · · · · · · · ·			
CONTAINER				1	PH	ANALYTICAL				
SIZE/TYPE	NO.		PRESE	RVATIVE 1	check	METHOD		ANA	ALYSIS	
250 mL/Poly	1		HNO3	to pH <2	<2	SW6010D/SW6020B/S W7470A		App. III	& IV Metals	
250 mL/Poly	1		Cool	to 6°C		EPA 300.0 R2.1		App. I	III Anions	
500 mL/Poly	1		Cool	to 6°C		SM2540C			TDS	
1 L/Poly	2		HNO3	to pH <2	~2	EPA 9315/9320		Radium 226 8	& 228 Combined	

					ERAL INFO	A Marie Marie		······································		· · · · · · · · · · · · · · · · · · ·
WEATHER:	_ <i>U</i> v	ten c	east, c	hance	of ro	ely Temp	740F			
SHIPPED VIA:	FED-X	borsto	rige , 110 Tach	aology Physic	Danchtron	Corners GA 20002 DU	. /770) 724 42	02 DOC: Nia-1	DIOI00 (0) 704	077 0040 (\$4)
	PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Nicole D'Oleo (O) 704-977-0940 (M) 704-467-4501: nicole.d'oleo@pacelabs.com (Huntersvill NC lab)									

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	T: 20	22 Sem	il-Annual Event	1; <u>X</u> 2022	Semi-Ann	ual Event 2; OTHER	Į.				
WELL ID / SAMPL	: X PVC	SS	OTHER				MATRIX: G	roundwater			
SAMPLE METHO	310		er Pun	p/lowflow	WELL DI	IAMETER: 2			624		
DUF./KEP. UF				•	UEPIHI	UVVAIEK: AL &	Į ,	GRAB (x) CO	MPOSITE ()		
Pump Intake Set a	at (btoc):_	5K	760 62	.21	WATER	DEPTH: 0 16 3 6 COLUMN HEIGHT: VOLUME:	4.32	.1			
Tubing Inlet Set a	t (btoc):					water column height (ft)	— x 3 (well volu	mes) for 2" we	lls1		
						water column height (ft)		•	-		
					[1.47 x w	ater column height (ft) x	3 (well volun	nes) for 6" well	s]		
	VOL. PL	RGED	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record	ORP (mV)	pH (+/- 0.	1 " "	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump setting) (100	Water Level	
TIME	(ga	1)	only	record only		THE RESERVE TO SHARE THE PARTY OF THE PARTY	Record only	[≤5 NTU]	ml/min)	(Ft BTOC) ¹	
Initial: 154	03		3,23	33.8	6.76	ment of the second	26.46	8.36	200()	33,22	
1557	DES. 7	اج	2.23	1188	6.76		9 4 27	600	200	333 34	
1556	0.7	15	2,76	1310	16.76	4200	74.23	4 (2	200	53.26 E3.26	
1601	1.0	5	2,10	1728	6.76		24,25	1.94	200	52.21	
1606	1.2	5	2,08	96.3	6.76	728.37	24.44	2,52	200	52.18	
NOTES:	¹ Stabiliza rate no gi	ation of reater th	water column w nan 100 ml/min :	ill be conside and the water	red achieve r level is ab	ed when 3 consecutive was ove the top of the screen.	ater level meas	curements vary	by 0.3 foot or less	at a pumping	
	If well is purged dry, allow to recharge and sample within 24 hrs.										
	Turbidity	≤ 5 NT	Js	···			····				
SAMPLE DATE : _ SAMPLE TIME :	8/2		12							-	
CONTAINER				1	rl q	ANALYTICAL					
SIZE/TYPE	NO.	Melonil/in a s raa	PRESE	RVATIVE	<u>check</u>	METHOD	-	AN	ALYSIS		
250 mL/Poly	1		HNO3 f	to pH <2	42	SW6010D/SW6020B/S W7470A		App. III	& IV Metals		
250 mL/Poly	1			to 6°C		EPA 300.0 R2.1		App. I	II Anions		
500 mL/Poly	1			to 6°C		SM2540C			TDS		
1 L/Poly	2		HNO3 t	to pH <2	<2	EPA 9315/9320		Radium 226	& 228 Combined		
	L					<u></u>				·•····································	
				GEN	ERAL INFO	RMATION				**************************************	
WEATHER:	Ove	r Ca	st, Te	m/82	GF				**************************************		
SHIPPED VIA:	FED-X			<u> </u>			/				
	704-467-4	1501: ni	cole.d'oleo@pa	acelabs.com		· · · · · · · · · · · · · · · · · · ·	: (770) 734-42	us POC: Nicole	D'Oleo (O) 704-9	∂77-0940 (M)	
SAMPLER: 7	1 0 00	الم	Hay was a	and a		OBSERVER:					

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	Γ: 2022 Se	emi-Annual Event 1; X 2022	Semi-Annu	ıal Event 2; OTHER				
WELL ID / SAMPLI WELL MATERIAL: SAMPLE METHOD DUP./REP. OF:	X PVC _ss	z-25-WG-202208 <u>24</u> OTHER ledicated r Pumplowflow) WELL DI	AMETER: 2	MATRIX: Gr	oundwater GRAB (x) CO	MPOSITE()	
Pump Intake Set a or Tubing Iniet Set at		8.19	TOTAL D WATER (PURGE V		30,36 - x 3 (well volu	.,	, ,	
				vater column height (ft) ater column height (ft) x	•	•	-	
TIME	VOL. PURGEI (gal)	only record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C)	TURB. (NTU) [≤5 NTU]	ml/min)	Water Level (Ft BTOC) ¹
Initial: 1519	0.25	5.62 -25.1	1.21	763.75	23,65	1.16	200()	32.91
1529	0.5	0.65 -47.8	7.10	166.13	20 00	2 /13	200	32.92
1534	0.75	0.62 -71.5	7.10	460.01	73 48	1 40	200	32 00
1529	1.0	0.59 -40.9	7/0	4/6 31	7207	1 12	200	20 00
1544	1.25	0.57 -71.5	7/10	466.70	2401	140	200	31 00
121-1	1.00	113	1000	100,10	2-1000	10-10	200	34.13
			1		<u> </u>			
			ļ					
the second of th								
NOTES:		of water column will be conside r than 100 ml/min and the wate				surements vary	by 0.3 foot or less	at a pumping
	If well is purge	ed dry, allow to recharge and sa	mple within	24 hrs.				
	Turbidity ≤ 5 I	NTUs						
SAMPLE DATE:_ SAMPLE TIME:	8/24/	2.2						•
CONTAINER		1	F1 G	ANALYTICAL	***************************************			· · · · · · · · · · · · · · · · · · ·
SIZE/TYPE	NO.	1	check	METHOD		AN	ALYSIS	
	*****			SW6010D/SW6020B/S				
250 mL/Poly	1	HNO3 to pH <2	<2	W7470A		App. III	& IV Metals	
250 mL/Poly	1	Cool to 6°C		EPA 300.0 R2.1		Арр.	III Anions	
500 mL/Poly	1 ,	Cool to 6°C		SM2540C			TDS	
1 L/Poly	2	HNO3 to pH <2	< 2	EPA 9315/9320		Radium 226	& 228 Combined	
		GEN	IERAL INFO	RMATION				
NEATHER:	Over	east, Temp 5	75°F					
	FED-X							
		tories - 110 Technology Pkwy : nicole.d'oleo@pacelabs.con			: (770) 734-42	03 POC: Nicol	e D'Oleo (O) 704-9	977-0940 (M)
SAMPLER: 1	110'	La Lla Ed	· · · · · · · · · · · · · · · · · · ·	OBSERVER:				

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	T: 20)22 Sem	ni-Annual Event	1; <u>X</u> 2022	Semi-Annu	al Event 2; OTHER				<u> </u>	
WELL ID / SAMPL WELL MATERIAL: SAMPLE METHOD	EID: MI PVC	T-PZ- SS_ Fww	31-WG-202 OTHER (DEDICATE	208 <u>24</u> EDBLADDER	Pour)	AMETER: 211	MATRIX: Gr	oundwater	/		
DUP./REP. OF:							_	GRAB (x) CO	MPOSITE()		
Pump Intake Set a		56	.01		TOTAL DI	EPTH: 61.60	- 72 - 0 1	-3.36 ×	3=10,100		
or	it (btoc):_				TOTAL DEPTH: 61.60 WATER COLUMN HEIGHT: 19.93 × 0.17 = 3.38 × 3 = 10.16 PURGE VOLUME: 10.16						
Tubing Inlet Set at	(btoc):					/ater column height (ft)	– x 3 (well volu	mes) for 2" wel	lls1		
_	`					ater column height (ft)	•	•	-		
					[1.47 x wa	ater column height (ft) x	3 (well volum	es) for 6" well:	s]		
TIME Initial: 1320 0,0 1325 5,0	0.	al)	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV) record only 43.5 38.1	pH (+/- 0.1 pH units) 7.69 7.05	SPEC. COND. (μs/cm) [+/-5%] Z73,27 445773 427:18	TEMP (°C) Record only 26, 09 21.71 21,61	TURB. (NTU) [55 NTU] 2416 17.1	Pump Rate ml/min. (& pump setting) (100 ml/min) 200 () 200	Water Level (Ft BTOC) ¹ 42.9(42.9(42.9)	
1335 15,0			5.44	38.0	7.05	445.78	21.56	10,7	200	42.91	
1340 20,0	1:2	-5	5.16	42,5	7:05	443.94	21,50	7,29	200	42.81	
1345 25,0	113		5.05	44.6	7,04	443.93	21.42	5,33	200	42.91	
1350 30,0					7,03	443,97	21.33	3,17	200	42,91	
1355 350					7,04	437,37	21,20	1103	200	42.91	
1400 Co	elle		Sampl	La Company	 						
			,							ļ	
			-					*********			
	 										
NOTES:	rate no g	reater t	han 100 ml/min	and the water	level is abo	d when 3 consecutive wa ove the top of the screen.		surements vary	by 0.3 foot or less	at a pumping	
			dry, allow to rec	harge and sar	nple within					******	
	Turbidity	25 N I	Us			PRESER	VED SAM	19LES PA	y = & Z.O		
SAMPLE DATE:	HETT	Q.7	4-22	***************************************		TT THE REAL PROPERTY OF THE PER		······································			
SAMPLE TIME :	1400	0-0	7							-	
CONTAINER			*			ANALYTICAL					
SIZE/TYPE	NO.		PRESE	RVATIVE		METHOD		AN	ALYSIS		
250 mL/Poly	1			to pH <2		SW6010D/SW6020B/S			& IV Metals		
250 mL/Poly	1		Cool	to 6°C		W7470A EPA 300.0 R2.1	*****	App.	III Anions		
500 mL/Poly	1		Cool	to 6°C		SM2540C			TDS		
1 L/Poly	2		HNO3	to pH <2		EPA 9315/9320		Radium 226	& 228 Combined		
								· · · · · · · · · · · · · · · · · · ·			
		- 77			ERAL INFO	RMATION					
WEATHER: SHIPPED VIA:	FED-X	- HUM	ID - SOME K	VAIN		4.2.4.					
		borato	ries - 110 Tech	nology Pkwy	Peachtree	Corners, GA 30092 PH	· (770) 734_43	03 POC: Nicol	D'Oleo (O) 704 (077_0040 /84\	
SHIPPED TO:			icole.d'oleo@p				. (110)104-42	OUT OU. MICON	5 D 0160 (0) 704-	71 1 -00+0 (IVI)	
SAMPLER: EVE	R GO	11466	EN			OBSERVER:					

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486 SAMPLING EVENT: ____ 2022 Semi-Annual Event 1; _X_ 2022 Semi-Annual Event 2; ____ OTHER WELL ID / SAMPLE ID: MIT-PZ-32-WG-202208 2 MATRIX: Groundwater WELL MATERIAL: KPVC _ SS _ OTHER SAMPLE METHOD: QED Dedicated

Blader pump (louflow) WELL DIAMETER: DEPTH TO WATER: 4 DUP./REP. OF: GRAB (x) COMPOSITE () TOTAL DEPTH: Pump Intake Set at (btoc): 60,30 WATER COLUMN HEIGHT **PURGE VOLUME:** Tubing Inlet Set at (btoc):_ [0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells] [1.47 x water column height (ft) x 3 (well volumes) for 6" wells] DO (±10% for DO > 0.5 mg/L Pump Rate for DO < 0.5 ml/min. (& pump SPEC. COND. (µs/cm) ORP (mV) TEMP (°C) TURB. (NTU) Water Level VOL. PURGED mg/L record pH (+/- 0.1 setting) (100 only record only pH units) Record only [≤5 NTU] (Ft BTOC)1 (gal) Initial: 13 200 (200 200 00 200 200 200 200 Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping NOTES: rate no greater than 100 ml/min and the water level is above the top of the screen. If well is purged dry, allow to recharge and sample within 24 hrs. Turbidity ≤ 5 NTUs **SAMPLE DATE:** SAMPLE TIME:

CONTAINER			p it	ANALYTICAL	
SIZE/TYPE	NO.	PRESERVATIVE	check	METHOD	ANALYSIS
250 mL/Poly	1	HNO3 to pH <2	1 42	SW6010D/SW6020B/S W7470A	App. iii & IV Metals
250 mL/Poly	1	Cool to 6°C		EPA 300.0 R2.1	App. III Anions
500 mL/Poly	1	Cool to 6°C		SM2540C	TDS
1 L/Poly	2	HNO3 to pH <2	1 < 2	EPA 9315/9320	Radium 226 & 228 Combined

	GENERAL INFORMATION							
WEATHER:	Overcust, 1emp 813°F							
SHIPPED VIA:	FED-X							
SHIPPED TO:	HIPPED TO: PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Nicole D'Oleo (O) 704-977-0940 (N 704-467-4501: nicole.d'oleo@gacelabs.com (Huntersvill NC lab)							
SAMPLER: D	aniel Howard OBSERVER:							

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVENT	T: 2022 Se	mi-Annual Event	1; <u>X</u> 2022 §	Semi-Annu	al Event 2; OTHER				-	
WELL ID / SAMPLI WELL MATERIAL: SAMPLE METHOD	EID: MIT-PZ <u>V</u> FVC _ SS : LOW FLOW	Z-33-WG-202 other <u>(dedicated</u>	208 <u>24</u> Beadver F		211	MATRIX: Gr	oundwater			
DUP./REP. OF:				DEPTH TO	AMETER: O WATER:	_	GRAB (x) CO	MPOSITE ()		
Pump Intake Set a	t (htoc): 68	3.60		WATER C	EPTH: <u>73,6<i>0</i></u> :OLUMN HEIGHT: <u>2.</u> 2	- 7.17 × .1	7 = 375	×3=11.2	.7	
or	. (0.00),			PURGE V	OLUME: 11.27	<u> </u>	(),.,	// J == ///-	- •	
Tubing inlet Set at	(btoc):			[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]						
				[0.653 x w	ater column height (ft)	x 3 (well volui	mes) for 4" wel	is]		
				[1.47 x wa	iter column height (ft) x	3 (well volum	es) for 6" wells	3]		
	VOL. PURGED	 	ORP (mV)	pH (+/- 0.1	, ,	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump setting) (100	Water Level	
Initial: 1510 0.0	(gal)	2.82	record only	pH units)	[+/- 5%]	Record only	[≤5 NTU]	ml/min)	(Ft BTOC) ¹	
1515 5.0	0.25	1,02	13.9	7.12	458.72 463.28	23,97	24.1	200	52,71 52,71	
1520 10,0	0.50	0.53	22.0	7:11	462-87	23,21	16.9	200	52,71	
1525 1510	0.75	0130	27.3	7,11	461.38	23,08	12,1	200	52.71	
1530 200	1.0	0.25	30.6	7,10	463.17	23.34	8.72	200	52.71	
1535 250	1.25	0.20	32.9	7,10	461,57	23.32	5,39	200	52.71	
1540 300	1.5	0,19	35.8	7,10	463.96	23,52	3,07	ZUU	52.71	
1545	Colle	67 30	mpl	2					******	
		1								
	-									
	4		4,000,000,000,000							
NOTES:	rate no greater	than 100 ml/min	and the water	level is abo	d when 3 consecutive was ove the top of the screen.	iter level meas	urements vary	by 0.3 foot or less	at a pumping	
		d dry, allow to rec	harge and san	nple within	24 hrs.	~~~~				
	Turbidity ≤ 5 N	IIUs			D	(1) 0 =	2 1711 - 1	1 = 3		
SAMPLE DATE :	8-24-2	2_			PRESERVE) JAMYLE	SPASK	, 610		
SAMPLE TIME :	1545								•	
CONTAINER					ANALYTICAL					
SIZE/TYPE	NO.	PRESE	RVATIVE		METHOD		ANA	ALYSIS		
250 mL/Poly	1	HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals		
250 mL/Poly	1		to 6°C		EPA 300.0 R2.1	·····		II Anions		
500 mL/Poly	1		to 6°C to pH <2		SM2540C			rds		
1 L/Poly	2	HNO3	to pn <2		EPA 9315/9320		Radium 226 8	& 228 Combined		
			GENE	RAL INFO	RMATION					
WEATHER:		UMID - SO	ME RAIN							
******	FED-X PACE Laborat	Ories . 110 Tech	nology Pkygy	Peachtree	Corners, GA 30092 PH	(770) 724 42	03 BOC: Nicel	D'Olog (O) 704 (77 0040 (84)	
SHIPPED TO:	704-467-4501:	nicole.d'oleo@p	acelabs.com	(Huntersvi	ill NC lab)	. (110) 104*42	JJ I JO, NIGOR	, 5 Oleo (O) (04-8	,,,,-0940 (IVI)	
SAMPLER: EVE	R GUIL	LEN			OBSERVER:					

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLING EVEN	T: 2022 S	emi-Annual Event	1; <u>X</u> 2022	Semi-Annu	ıal Event 2; OTHER				
WELL ID / SAMPL WELL MATERIAL: SAMPLE METHOD DUP./REP. OF: Pump Intake Set a or Tubing Inlet Set at	XPVC_s Sistemple Blalde t (btoc):	S_OTHER Pro Pumplo 8.4		WELL DI. DEPTH T TOTAL D WATER C PURGE V [0.163 x v		x 3 (well volu	GRAB (x) CO mes) for 2" wel mes) for 4" wel	ls] ls]	
TIME Initial: 1043 1043 1058 1103 1108 1113	VOL. PURGE (gal) 0.25 0.5 0.75 1.0 1.25 1.5 1.75	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only D. 78 0.50 0.42 0.36 0.32 0.25 0.25	ORP (mV) record only 69.3 51.0 37.0 30.8 29.6 75.1 40.0 50.3	pH (+/- 0.1		TEMP (°C) Record only 2 5,53 23.61 23.79 23.66 23.70 23.64 23.60	TURB. (NTU) [\$5 NTU] 14,1 15,6 15,7 11,4 4,94 2,37	Pump Rate ml/min. (& pump setting) (100 ml/min) 200 () 200 () 200 () 200 () 200 () 200 () 200 () 200 ()	Water Level (Ft BTOC) ¹ 31,14 31,14 31,14 31,14 31,14 31,14
NOTES:	rate no greate	r than 100 ml/min ed dry, allow to recl	and the water	level is abo	d when 3 consecutive wa ove the top of the screen. 24 hrs.	ater level meas	urements vary t	by 0.3 foot or less	at a pumping
SAMPLE DATE:	1/20						·		
			Δ .*	H c		·····			
CONTAINER SIZE/TYPE	NO.	DDEGE	RVATIVE C	heck	ANALYTICAL METHOD			LVOIO	
250 mL/Poly	1			< 2	SW6010D/SW6020B/S W7470A			LYSIS & IV Metals	
250 mL/Poly	1	Cool	to 6°C		EPA 300.0 R2.1	7.0.7	App. II	l Anions	
500 mL/Poly	1	Cool	to 6°C		SM2540C			'DS	
1 L/Poly	2	HNO3 t	to pH <2 \	ح 2	EPA 9315/9320		Radium 226 8	228 Combined	· ·
			GENE	ERAL INFO					
WEATHER:	Partly	Cloudy, "	Temp 7	7°F					
SHIPPED TO:	PACE I shoratories - 110 Technology Plyay Peachtree Corners CA 20002 PH (770) 724 4202 POC. Nill - I. PIGL - (O. 724 077 077 077 077 077 077 077 077 077 07								
SAMPLER: D	aniel 1	toward			OBSERVER:				

SAMPLER: EVER GUILLEN

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	: 2022 5	Semi-Annual Event	; <u>X</u> 2022 S	iemi-Annua	I Event 2 (RESAMPLE)	;OTHER	1					
WELL ID / SAMPLE	EID: MIT-A	APA12-EB-01-	WQ-20221	oll		MATRIX: G	roundwater					
WELL MATERIAL:				-								
SAMPLE METHOD												
				WELL DIA	METER:							
DUPJREP. OF:				DEPTH TO	WATER:	_	GRAB (x) CO	MPOSITE ()				
					EPTH:	_						
Pump Intake Set at	t (btoc):			WATER C	OLUMN HEIGHT:							
or				PURGE V	PURGE VOLUME:							
Tubing Inlet Set at	(btoc):			[0.163 x w	ater column height (ft)	x 3 (well volu	mes) for 2" we	lis]				
					ater column height (ft)							
				[1.47 x wa	ter column height (ft) x	3 (well volun	nes) for 6" Well:	5]				
	VOL. PURG	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record	ORP (mV)	pH (+/- 0.1	SPEC. COND. (µs/cm)	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump setting) (100	Water Level (Fi			
TIME	(gal)	only	record only	pH units)	[+/- 5%]	Record only	[≤5 NTU]	ml/min)	BTOC)			
Initial:								()				
	100000000000000000000000000000000000000											
				i i								
						1						
						i						
		_										
												
	1 Ct-billingtin	a of water column is	ill be consider	ed achieved	when 3 consecutive was	ter level measi	rements vany h	u O 3 foot or less o	• • • • • • • • •			
NOTES.	rate no grea	ter than 100 ml/min	and the water	level is abo	ve the top of the screen.	ter level meas	bienients vary b	y 0.5 loot or less a	t a pumping			
NOTES:	rate no greater than 100 ml/min and the water level is above the top of the screen. If well is purged dry, allow to recharge and sample within 24 hrs.											
	Turbidity ≤				ED FROM SA	MPLING	TUBING I	FOR 97- 7	D			
					314	•						
SAMPLE DATE :	10-11-	22										
SAMPLE TIME : _	820											
CONTAINER					ANALYTICAL							
SIZE/TYPE	NO.		RVATIVE	METHOD		ANALYSIS						
250 mL/Poly	1	HNO3 to pH <2			SW7470A		Mercury					
500 mL/Poly	1	Coo	to 6°C		SM2540C			TDS				
			05	EDAL MICO	DMATION		-					
				ERAL INFO	KMATION							
WEATHER:		CLOU)Y-t	TUMID									
SHIPPED VIA:	FED-X		nalogy Place	Deschiere	Corners GA 20002 DU	· (770) 724 40	02 BOC: NI - 1	DIOI (0)				
SHIPPED TO:	PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Nicole D'Oleo (O) 704-977-0940 (M) 704-467-4501: nicole.d'oleo@pacelabs.com (Huntersvill NC lab)											

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: ___ 2022 Semi-Annual Event 1; _X 2022 Semi-Annual Event 2 (RESAMPLE); ___ OTHER

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.
1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

SAMPLE METHO	D:	_ OTHER										
					METER:							
DUP/REP. OF:					O WATER:		GRAB (x) CO	MPOSITE ()				
Duma Intoha Sat	nt (htm.)				EPTH:							
Pump Intake Set	er (Droc):				OLUMN HEIGHT:							
Tubing Inlet Set a	it (htoc):				OLUME: rater column height (ft)	 2 /well welve	\ for 2" we	11-1				
rabing must bet t					rater column neight (ft) rater column height (ft)							
					iter column height (ft) x							
	-	·										
	VOL. PURGED	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record	ORP (mV)	pH (+/- 0.1	TO 1	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (F BTOC) ¹			
TIME Initial:	(gal)	only	record only	pH units)	[+/- 5%]	Record only	[≤5 NTU]	()	2100,			
unces.	+	 	<u> </u>									
	1	†										
	1											
······································	†											
	_											
	1		m kidaa			and a second						
NOTES:	¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.											
	If well is purged dry, allow to recharge and sample within 24 hrs.											
	Turbidity \$ 5 NTUs COCCECTED @ PZ-Zp											
SAMPLE DATE :	10-11-77											
SAMPLE TIME :	1000											
CONTAINER	T				ANALYTICAL							
SIZE/TYPE	NO.	PRESE	RVATIVE	METHOD			ANALYSIS					
250 mL/Poly	1		to pH <2		SW7470A Mercury							
500 mL/Poly	1	Cool	Cool to 6°C SM2540C TDS									
			GENE	RAL INFO	RMATION							
WEATHER:	10	U		INAL INI O	AMATION .							
SHIPPED VIA:	FED-X	oudy - Hi	MID									
SHIPPED TO:		ries - 110 Techr	nology Pkwy,	Peachtree	Corners, GA 30092 PH:	(770) 734-42	03 POC: Nicole	D'Oleo (O) 704-9	77-0940 (M)			

SAMPLER: EVEL GUILLEN

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: ___ 2022 Semi-Annual Event 1; _X_ 2022 Semi-Annual Event 2 (RESAMPLE); ___ OTHER

WELL ID / SAMPL	EID: MIT-PZ-	25-WG-202	210 <u>11</u>			MATRIX: G	roundwater					
WELL MATERIAL:	PVCSS _	OTHER		0	_							
SAMPLE METHOD	: Low Fran	U- DEDICA	ITED BUR	DIER fur	-11							
DUPJREP. OF:			DEPTH TO WATER: 34.32 GRAB (x) COMPOSITE ()									
Duma Intaka Sat a	d (bean)			TOTAL DEPTH:								
Pump Intake Set a	it (bloc)	_			OLUMN HEIGHT:							
Or Tubica latet Set of	(04==).				OLUME:) f = - 08	11-1				
Tubing Inlet Set at	(btoc):				ater column height (ft)							
					ater column height (ft)							
				[1.47 x wa	ter column height (ft) x	c 3 (well volun	nes) for 6" well:	5]				
TIME	VOL. PURGED	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV)	pH (+/- 0.1 pH units)	SPEC. COND. (με/cm) [+/- 5%]	TEMP (°C)	TURB. (NTU) [S5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (F			
Initial: 1455 1.0		2.83	-450	7,23	380,40	29,08	7,93	200 ()	34.32			
1459 50	0.25	0.55	-118.7	7:12	388.59	25,18	7,22	200	34.76			
1504 10,0	0.50	0.29	-126.3	7,13	387.60	25,04	5,72	200	39.76			
1509 15,0		0, 25	- 129,4	7,13	390.04	24.86	4,37	200	34,76			
1514 20.0		0,24	-129,2	7,13	387.33	24,55	5,39	200	34,76			
1519 ZSID		0.23	-145.9	7,13	388,33	24.54	1,88	200	34.76			
1524 30,0	1,5	0,23	-133.2	7.14	389,38	24.96	1.22	200	34.76			
1529 35.0	1175	0,22	-134,0	7.14	390,08	25.07	0187	200	34.76			
1534 40.0	2.0	0.22	- 133.9	7.13	388.97	24.86	403	200	34.76			
1540	Cellec		MPLE	,,,,								
15.70		-										
NOTES:	rate no greater t	han 100 ml/min	and the water	level is abov	when 3 consecutive wat re the top of the screen.	ter level measu	rements vary by	0.3 foot or less at	a pumping			
	If well is purged dry, allow to recharge and sample within 24 hrs.											
	Turbidity ≤ 5 N	Turbidity & 5 NTUS COCKCTED FD-01 @ THIS COCKTION										
SAMPLE DATE :	10-11-22											
SAMPLE TIME : _	1540											
CONTAINER				1	ANALYTICAL	1						
SIZE/TYPE	NO.		RVATIVE		METHOD		ANALYSIS					
250 mL/Poly	1		to pH <2		SW7470A		Mercury					
500 mL/Poly	1	Cool	to 6°C		SM2540C			TDS .				
			GENE	RAL INFO	RMATION							
	, ,											
	0.7.1	1/ - 11.										
WEATHER: SHIPPED VIA:	CLEAL -	HOT - HU	MID									

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

				Semi-Annu	ual Event 2 (RESAMPLI	E); OTHE	R				
WELL ID / SAMPLI			210_/\	MATRIX: Groundwater							
WELL MATERIAL:	PVCSS_	_ OTHER	A								
SAMPLE METHOD	DEDICATE.	D BLADDEL !	Eme -Lou	Low	**						
				WELL DIA	METER: Z						
DUPJREP. OF:				DEPTH TO	WATER: 39,58	•	GRAB (x) CO	MPOSITE ()			
					PTH:			1222 2740 2			
Pump Intake Set a	t (btoc):				OLUMN HEIGHT:						
or					OLUME:						
Tubing Inlet Set at	(btoc):				rater column height (ft)	— × 3 (well vol:	imes) for 2" wi	elis)			
		(x			rater column height (ft)	ects as sections of section					
					iter column height (ft) x						
	T	DO (±10% for				l					
		DO > 0.5 mg/L				1		Pump Rate			
	MOI BURGER	for DO < 0.5	000/	-11/// 04	CDEC COND (- 1)		T. 100 (A)T. 13	ml/min. (& pump	Water Level		
TIME	VOL. PURGED (gal)	mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	setting) (100 ml/min)	(Ft BTOC)		
Initial: 0.0	0,1		249.53	5111	1:14	21.92	4.33	200 ()	39.58		
1040 05.0	0.25	9,05	179.9	6,20	214,32	21.55	3.45	200	39.87		
1095 10	0.5	2.98	174.9	4,90	144,67	20.29	2,30	200	39.87		
1050 15	0.75	2.80	121.1	7,38	142.80	70,11	2.18	200	39.87		
1055 20	1.0	3,24	51.6	7.60	191,16	20,02	1,30	200	39.87		
1100 25	1,25	3,54	20,0	7.73	139,36	20.19	1,39	200	39.87		
1105 30	1.5	3.70	9,1	7.81	138,51	20,29	1.47	200	39.87		
1110 35	1.75	3.80	5,0	7.85	136.33	20,28	0,99	200	39.87		
1115 40	2.0	3.88	1,6	7.89	135.57	20:15	1.08	2,00	39.87		
1120 45	2.25	3,91	1,2	7.93	135,04	20,38	1,24	200	39.87		
1125 50	2.5	3,94	0.8	7.94	134,36	20.33	0,96	200	39.87		
1130	Calle	et Sar	ale								
			/								
	¹ Stabilization o	f water column y	will be conside	red achieve	ed when 3 consecutive w	vater level me	asurements var	ry by 0.3 foot or les	ss at a		
NOTES:	pumping rate no greater than 100 ml/min and the water level is above the top of the screen.										
	If well is purged dry, allow to recharge and sample within 24 hrs.										
	Turbidity ≤ 5 NTUs										
		<u>,</u>									
SAMPLE DATE : _	10-11-27										
SAMPLE TIME : _	1130										
CONTAINER					ANALYTICAL						
SIZE/TYPE	NO. PRESERVATIVE METHOD ANALYSIS										
500 mL/Poly	1	Cool	to 6°C		SM2540C			TDS			
	<u> </u>										
			GENI	ERAL INFO	RMATION						
MEATHED.	C	L									
WEATHER: SHIPPED VIA:	FED-X										
UNIFFED TIA.	PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Nicole D'Oleo (O) 704-000										
	(M) /04-40/4301. Hitties die Gebestelle der Mittelle der										
SAMPLER: EVE	er Guich	EN									

PLANT MITCHELL FIELD SAMPLING REPORT ASH PONDS 1 AND 2

Project Number: 6122-16-0170.2202

Wood E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	T: 2022 Se	mi-Annual Event	1; <u>X</u> 2022	Semi-Ann	ual Event 2 (RESAMPL	E); OTH	ER		
WELL ID / SAMPLI	EID: MIT-PZ	-32-WG-202	210)(MATRIX: G			
WELL MATERIAL:	PVC SS	OTHER				MATRIX: G	roundwater		
SAMPLE METHOD	: Low FLO	w - Benose	Z Rup (00	PICATED	-"				
DUP./REP. OF:				WELL DIA	METER: 2"	7		MADOSITE ()	
DUPJREP. UP					WATER: 41.6	2	GRAB (x) CO	MPOSITE ()	
Pump Intake Set a	t (btoc):				EPTH: OLUMN HEIGHT:	-			
or					OLUME:				
Tubing Inlet Set at	(btoc):				rater column height (ft)	 x 3 (well vol	umes) for 2" we	elis]	
				177	ater column height (ft)				
					iter column height (ft)				
		DO (±10% for		T					
		DO > 0.5 mg/L					l	Pump Rate	
	VOL. PURGED	for DO < 0.5 mg/L record	ORP (mV)	pH (+/- 0.1	SPEC. COND. (µs/cm)	TEMP (°C)	TURB. (NTU)	ml/min. (& pump setting) (100	Water Level
TIME	(gal)	only	record only	pH units)	[+/- 5%]	Record only	[≤5 NTU]	ml/min)	(Ft BTOC)
Initial: 1236 0,0	0.1	8.63	83.0	7.70	252.44	23.71	4,33	200 ()	41.63
1241 50	0,25	1,50	19,0	7.42	274,70	20,59	3,38	208	41.78
1246 10,0	0.50	1.53	36.5	7,39	274.20	20.82	2.96	200	41.78
1251 15.0	0.75	1,34	39.2	7:39	271,27	20,86	2.21	200	41.79
1256 ZOO	110	1,33	41.7	7.38	272.69	21,09	1.38	200	91.79
1301 25.0	1,25	1.34	43.2	7.39	272.30	21.15	1.10	200	41,79
1306 30,0	05.00	1,40	44.4	7.39	271.44	21,34	0,98	200	41,79
1311 35.0		1.48	45.8	7.37	271,22	21.18	0,94	200	41.79
1315	Collect	Samp	re_						
	-			Š					
									
NOTES:	1 Stabilization of	of water column v	vill be conside	red achieve	ed when 3 consecutive we evel is above the top of t	vater level mea	asurements var	y by 0.3 foot or les	ss at a
110120.		d dry, allow to red							
	Turbidity ≤ 5 N								
	*								
SAMPLE DATE :	10-11-27	-							
SAMPLE TIME : _	1315					***			
CONTAINER					ANALYTICAL		,		
SIZE/TYPE	NO.		RVATIVE		METHOD			ALYSIS	
500 mL/Poly	1	Cool	to 6°C		SM2540C			TDS	
						l			
			GENE	ERAL INFO	RMATION				
WEATHER:	C604-	CLOUDY -	HUMID						
CHIPPED VIA	FED-X								
SHIPPED TO:	PACE Laborat (M) 704-467-45	ories - 110 Tech i01: nicole.d'ole	nology Pkwy o@pacelabs.	, Peachtre com (Hunte	e Corners, GA 30092 P ersvill NC lab)	H: (770) 734 -4	IZO3 POC: Nico	ole D'Oleo (O) 70	4-977-0940
SAMPLER:	WEL GU	ILLEN			OBSERVER:				
				- wer street					

Test Date / Time: 2/14/2023 10:59:17 AM

Project: Plant Mitchell
Operator Name: Ever Guillen

Location Name: PZ-1D
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: 46.22 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

Pump Intake From TOC: 76.65 ft Estimated Total Volume Pumped:

8000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 1.11 ft Instrument Used: Aqua TROLL 400

Serial Number: 966090

Test Notes:

Sample time = 1145

Weather Conditions:

Cold, cloudy,dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2023 10:59 AM	00:00	7.13 pH	20.46 °C	266.98 μS/cm	4.38 mg/L	32.60 NTU	-30.8 mV	46.22 ft	200.00 ml/min
2/14/2023 11:04 AM	05:00	7.32 pH	19.76 °C	319.29 μS/cm	1.65 mg/L	29.40 NTU	-100.5 mV	46.22 ft	200.00 ml/min
2/14/2023 11:09 AM	10:00	7.36 pH	19.80 °C	318.94 μS/cm	1.39 mg/L	24.30 NTU	-147.0 mV	47.33 ft	200.00 ml/min
2/14/2023 11:14 AM	15:00	7.38 pH	19.86 °C	317.00 μS/cm	1.31 mg/L	17.40 NTU	-143.0 mV	47.33 ft	200.00 ml/min
2/14/2023 11:19 AM	20:00	7.40 pH	20.07 °C	317.95 μS/cm	1.28 mg/L	13.10 NTU	-138.1 mV	47.33 ft	200.00 ml/min
2/14/2023 11:24 AM	25:00	7.41 pH	19.94 °C	316.11 μS/cm	1.37 mg/L	10.20 NTU	-127.4 mV	47.33 ft	200.00 ml/min
2/14/2023 11:29 AM	30:00	7.42 pH	20.07 °C	315.86 μS/cm	1.54 mg/L	6.84 NTU	-117.2 mV	47.33 ft	200.00 ml/min
2/14/2023 11:34 AM	35:00	7.42 pH	20.20 °C	315.94 μS/cm	1.56 mg/L	4.27 NTU	-111.8 mV	47.33 ft	200.00 ml/min
2/14/2023 11:39 AM	40:00	7.43 pH	20.22 °C	316.16 μS/cm	1.58 mg/L	2.69 NTU	-108.4 mV	47.33 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/14/2023 11:47:22 AM

Project: Plant Mitchell CCR GW **Operator Name**: Daniel Howard

Location Name: 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: 28.28 ft

Pump Type: Dedicated Bladder

Tubing Type: HDPE

Pump Intake From TOC: 75.95 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft Instrument Used: Aqua TROLL 400

Serial Number: 850724

Test Notes:

Low flow. Sample time 1220.

Weather Conditions:

Clear, temp 66F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2023	00:00	7.47 pH	18.96 °C	158.26 µS/cm	2.12 mg/L	2.44 NTU	112.6 mV	28,28 ft	200.00 ml/min
11:47 AM	00.00	7.47 pm	10.90 C	130.20 μ3/cm	2.12 mg/L	2.44 1110	112.01110	20.20 11	200.00 111/111111
2/14/2023	05:00	7.81 pH	18.57 °C	157.29 µS/cm	1.69 mg/L	9.55 NTU	118.8 mV	28.38 ft	200.00 ml/min
11:52 AM	05.00	7.01 pm	10.57	137.23 μο/οπ	1.05 Hig/L	5.55 1410	110.01111	20.50 10	200.00 111/111111
2/14/2023	10:00	7.89 pH	18.65 °C	158.59 µS/cm	2.14 mg/L	4.75 NTU	127.6 mV	28.38 ft	200.00 ml/min
11:57 AM	10.00	7.00 pm	10.00	100.00 μο/οπ	2.141119/2	4.701410	127.01117	20.00 11	200.00 111/11111
2/14/2023	15:00 7.9	7.92 pH	18.64 °C	158.08 µS/cm	2.63 mg/L	2.73 NTU	133.0 mV	28.38 ft	200.00 ml/min
12:02 PM	10.00	7.02 pm	10.04 0	100.00 μο/οπ	2.00 mg/L	2.701410	100.0 111 V	20.00 11	200.00 111/111111
2/14/2023	20:00	7.94 pH	18.70 °C	159.05 µS/cm	2.43 mg/L	2.71 NTU	129.3 mV	28.38 ft	200.00 ml/min
12:07 PM	20.00	7.01 pii	10.70	100.00 μο/οπ	2.10 mg/2	2.7 1 1110	120.01111	20.00 11	200.00 1111/11111
2/14/2023	25:00	7.96 pH	18.79 °C	159.30 µS/cm	2.49 mg/L	2.18 NTU	127.7 mV	28.38 ft	200.00 ml/min
12:12 PM	25.00	7.00 pm	10.70	100.00 μο/οπ	2.10 mg/L	2.101410	127.7 111 V	20.50 11	200.00 111/111111
2/14/2023	30:00	7.97 pH	18.79 °C	160.93 µS/cm	2.57 mg/L	2.30 NTU	157.3 mV	28.38 ft	200.00 ml/min
12:17 PM	33.00	7.07 pm	10.75	100.00 μο/οπ	2.07 Hig/L	2.00 1410	107.0111	20.00 11	200.00 1111/111111

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/15/2023 2:09:46 PM Project: Plant Mitchell CCR GW (6) Operator Name: Daniel Howard

Location Name: PZ-7D
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: 26.05 ft

Pump Type: Dedicated Bladder

Tubing Type: HDPE

Pump Intake From TOC: 55.37 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft Instrument Used: Aqua TROLL 400

Serial Number: 850724

Test Notes:

Low flow. Sample time 1442.

Weather Conditions:

Partly cloudy. Temp 77F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2023 2:09 PM	00:00	7.09 pH	23.44 °C	535.78 μS/cm	2.71 mg/L	7.83 NTU	-77.5 mV	26.05 ft	200.00 ml/min
2/15/2023 2:14 PM	05:00	6.96 pH	21.02 °C	555.48 μS/cm	1.57 mg/L	16.30 NTU	37.3 mV	26.15 ft	200.00 ml/min
2/15/2023 2:19 PM	10:00	6.95 pH	21.32 °C	555.58 μS/cm	1.42 mg/L	3.64 NTU	71.1 mV	26.15 ft	200.00 ml/min
2/15/2023 2:24 PM	15:00	6.94 pH	20.99 °C	555.99 μS/cm	1.39 mg/L	3.84 NTU	81.2 mV	26.15 ft	200.00 ml/min
2/15/2023 2:29 PM	20:00	6.93 pH	21.31 °C	557.67 μS/cm	1.38 mg/L	2.62 NTU	65.4 mV	26.15 ft	200.00 ml/min
2/15/2023 2:34 PM	25:00	6.93 pH	21.24 °C	557.02 μS/cm	1.38 mg/L	1.96 NTU	66.7 mV	26.15 ft	200.00 ml/min
2/15/2023 2:39 PM	30:00	6.92 pH	21.19 °C	558.89 μS/cm	1.37 mg/L	1.28 NTU	83.8 mV	26.15 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/14/2023 3:07:28 PM

Project: Plant Mitchell (3)
Operator Name: Ever Guillen

Location Name: PZ-14
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: 38.13 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

Pump Intake From TOC: 48.2 ft Estimated Total Volume Pumped:

4456.667 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min

Final Draw Down: 0 ft

Instrument Used: Aqua TROLL 400

Serial Number: 966090

Test Notes:

Sample time =1540

Weather Conditions:

Cold, clear, dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2023 3:07 PM	00:00	7.06 pH	21.59 °C	539.92 μS/cm	6.19 mg/L	16.70 NTU	87.4 mV	38.13 ft	200.00 ml/min
2/14/2023 3:10 PM	03:27	7.05 pH	21.49 °C	563.02 μS/cm	5.64 mg/L	13.50 NTU	85.5 mV	38.13 ft	200.00 ml/min
2/14/2023 3:13 PM	05:37	7.04 pH	21.39 °C	568.30 μS/cm	5.69 mg/L	9.76 NTU	72.6 mV	38.13 ft	200.00 ml/min
2/14/2023 3:17 PM	10:11	7.04 pH	21.36 °C	566.19 μS/cm	5.77 mg/L	6.04 NTU	72.8 mV	38.13 ft	200.00 ml/min
2/14/2023 3:19 PM	12:16	7.04 pH	21.36 °C	568.73 μS/cm	5.75 mg/L	3.00 NTU	68.4 mV	38.13 ft	200.00 ml/min
2/14/2023 3:24 PM	17:17	7.04 pH	21.30 °C	567.78 μS/cm	5.73 mg/L	2.53 NTU	61.7 mV	38.13 ft	200.00 ml/min
2/14/2023 3:29 PM	22:17	7.04 pH	21.30 °C	559.40 μS/cm	5.74 mg/L	1.62 NTU	72.1 mV	38.13 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/15/2023 1:27:50 PM

Project: Plant Mitchell (5)
Operator Name: Ever Guillen

Location Name: PZ-15
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 73.22 ft
Total Depth: 83.22 ft

Initial Depth to Water: 24.28 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

Pump Intake From TOC: 78.22 ft Estimated Total Volume Pumped:

6000 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: 966090

Test Notes:

Sample time =1400

Weather Conditions:

Cold, cloudy. Dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2023 1:27 PM	00:00	7.17 pH	22.70 °C	479.27 μS/cm	4.81 mg/L	16.70 NTU	-81.0 mV	24.47 ft	200.00 ml/min
2/15/2023 1:32 PM	05:00	7.09 pH	22.97 °C	495.23 μS/cm	0.34 mg/L	12.80 NTU	-110.7 mV	24.47 ft	200.00 ml/min
2/15/2023 1:37 PM	10:00	7.09 pH	23.08 °C	496.04 μS/cm	0.18 mg/L	7.22 NTU	-163.3 mV	24.47 ft	200.00 ml/min
2/15/2023 1:42 PM	15:00	7.08 pH	22.61 °C	495.58 μS/cm	0.14 mg/L	6.26 NTU	-105.0 mV	24.47 ft	200.00 ml/min
2/15/2023 1:47 PM	20:00	7.09 pH	22.59 °C	495.35 μS/cm	0.14 mg/L	4.37 NTU	-149.3 mV	24.47 ft	200.00 ml/min
2/15/2023 1:52 PM	25:00	7.09 pH	22.43 °C	495.13 μS/cm	0.15 mg/L	3.25 NTU	-141.8 mV	24.47 ft	200.00 ml/min
2/15/2023 1:57 PM	30:00	7.09 pH	22.87 °C	496.56 μS/cm	0.16 mg/L	2.25 NTU	-135.8 mV	24.47 ft	200.00 ml/min

Sample ID: Description:	
-------------------------	--

Test Date / Time: 2/15/2023 9:58:05 AM

Project: Plant Mitchell (4)
Operator Name: Ever Guillen

Location Name: PZ-16
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 43.18 ft
Total Depth: 53.19 ft

Initial Depth to Water: 27.82 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

Pump Intake From TOC: 48.1 ft Estimated Total Volume Pumped:

8000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min

Final Draw Down: 0 ft

Instrument Used: Aqua TROLL 400

Serial Number: 966090

Test Notes:

Sample time =1040

Weather Conditions:

Cold, clear, dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2023 9:58 AM	00:00	7.38 pH	17.70 °C	359.55 μS/cm	9.45 mg/L	16.40 NTU	194.8 mV	27.82 ft	200.00 ml/min
2/15/2023 10:03 AM	05:00	7.13 pH	19.60 °C	450.53 μS/cm	3.58 mg/L	11.30 NTU	149.0 mV	27.82 ft	200.00 ml/min
2/15/2023 10:08 AM	10:00	7.10 pH	19.89 °C	452.02 μS/cm	1.83 mg/L	8.22 NTU	117.9 mV	27.82 ft	200.00 ml/min
2/15/2023 10:13 AM	15:00	7.09 pH	20.26 °C	452.37 μS/cm	1.54 mg/L	4.97 NTU	102.3 mV	27.82 ft	200.00 ml/min
2/15/2023 10:18 AM	20:00	7.10 pH	20.43 °C	451.37 μS/cm	1.48 mg/L	3.35 NTU	71.6 mV	27.82 ft	200.00 ml/min
2/15/2023 10:23 AM	25:00	7.10 pH	20.73 °C	450.19 μS/cm	1.44 mg/L	2.13 NTU	83.6 mV	27.82 ft	200.00 ml/min
2/15/2023 10:28 AM	30:00	7.11 pH	20.72 °C	450.18 μS/cm	1.42 mg/L	1.96 NTU	64.1 mV	27.82 ft	200.00 ml/min
2/15/2023 10:33 AM	35:00	7.11 pH	20.78 °C	451.02 μS/cm	1.42 mg/L	1.21 NTU	77.6 mV	27.82 ft	200.00 ml/min
2/15/2023 10:38 AM	40:00	7.10 pH	20.91 °C	459.08 μS/cm	1.37 mg/L	0.81 NTU	61.8 mV	27.82 ft	200.00 ml/min

S	Sample ID:	Description:	
---	------------	--------------	--

Test Date / Time: 2/16/2023 10:00:42 AM

Project: Plant Mitchell (7) **Operator Name:** Ever Guillen

Location Name: PZ-17
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: 26.67 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

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: 0.26 ft Instrument Used: Aqua TROLL 400

Serial Number: 966090

Test Notes:

Sample time =1040

Weather Conditions:

Cold, cloudy, dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/16/2023 10:00 AM	00:00	6.66 pH	20.25 °C	350.25 μS/cm	8.86 mg/L	19.30 NTU	192.3 mV	26.67 ft	200.00 ml/min
2/16/2023 10:05 AM	05:00	7.16 pH	20.82 °C	426.00 μS/cm	0.50 mg/L	12.10 NTU	-2.5 mV	26.93 ft	200.00 ml/min
2/16/2023 10:10 AM	10:00	7.15 pH	20.89 °C	426.26 μS/cm	0.12 mg/L	8.83 NTU	-11.4 mV	26.93 ft	200.00 ml/min
2/16/2023 10:15 AM	15:00	7.16 pH	20.94 °C	430.88 μS/cm	0.12 mg/L	6.32 NTU	-1.8 mV	26.93 ft	200.00 ml/min
2/16/2023 10:20 AM	20:00	7.16 pH	20.88 °C	433.73 μS/cm	0.13 mg/L	4.72 NTU	-17.2 mV	26.93 ft	200.00 ml/min
2/16/2023 10:25 AM	25:00	7.16 pH	20.96 °C	439.61 μS/cm	0.13 mg/L	3.59 NTU	-5.6 mV	26.93 ft	200.00 ml/min
2/16/2023 10:30 AM	30:00	7.15 pH	21.02 °C	448.14 μS/cm	0.14 mg/L	1.36 NTU	-24.0 mV	26.93 ft	200.00 ml/min
2/16/2023 10:35 AM	35:00	7.14 pH	21.14 °C	456.87 μS/cm	0.14 mg/L	0.96 NTU	-27.9 mV	26.93 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/15/2023 3:00:30 PM

Project: Plant Mitchell (6)
Operator Name: Ever Guillen

Location Name: PZ-18
Well Diameter: 2 in
Casing Type: PVC
Screen Length: 10 ft
Top of Screen: 53.18 ft
Total Depth: 63.18 ft

Initial Depth to Water: 23.51 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

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 ft

Instrument Used: Aqua TROLL 400

Serial Number: 966090

Test Notes:

Sample time =1535

Weather Conditions:

Cold, cloudy, dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2023 3:00 PM	00:00	7.22 pH	23.66 °C	644.47 μS/cm	7.03 mg/L	12.90 NTU	-36.5 mV	23.51 ft	200.00 ml/min
2/15/2023 3:05 PM	05:00	6.75 pH	22.33 °C	730.58 µS/cm	1.10 mg/L	8.95 NTU	10.7 mV	23.51 ft	200.00 ml/min
2/15/2023 3:10 PM	10:00	6.74 pH	22.28 °C	729.67 µS/cm	0.80 mg/L	6.54 NTU	16.5 mV	23.51 ft	200.00 ml/min
2/15/2023 3:15 PM	15:00	6.73 pH	22.43 °C	729.11 µS/cm	0.66 mg/L	3.45 NTU	20.5 mV	23.51 ft	200.00 ml/min
2/15/2023 3:20 PM	20:00	6.74 pH	22.55 °C	727.72 μS/cm	0.90 mg/L	1.70 NTU	19.3 mV	23.51 ft	200.00 ml/min
2/15/2023 3:25 PM	25:00	6.74 pH	22.47 °C	734.61 µS/cm	0.72 mg/L	0.92 NTU	17.8 mV	23.51 ft	200.00 ml/min
2/15/2023 3:30 PM	30:00	6.73 pH	22.26 °C	730.76 µS/cm	0.81 mg/L	1.04 NTU	20.0 mV	23.51 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/15/2023 12:13:03 PM **Project:** Plant Mitchell CCR GW (5) **Operator Name:** Daniel Howard

Location Name: 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: 25.15 ft

Pump Type: Dedicated Bladder

Tubing Type: HDPE

Pump Intake From TOC: 57.63 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.03 ft Instrument Used: Aqua TROLL 400

Serial Number: 850724

Test Notes:

Low flow. Sample time 1245. Also collected duplicate sample MIT-APA12-FD-01.

Weather Conditions:

Clear, temp 72F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2023 12:13 PM	00:00	6.74 pH	23.63 °C	779.09 μS/cm	1.65 mg/L	0.78 NTU	-42.2 mV	25.15 ft	200.00 ml/min
2/15/2023 12:18 PM	05:00	6.69 pH	22.44 °C	789.23 μS/cm	0.47 mg/L	1.20 NTU	35.6 mV	25.18 ft	200.00 ml/min
2/15/2023 12:23 PM	10:00	6.68 pH	21.99 °C	795.29 μS/cm	0.35 mg/L	0.35 NTU	57.4 mV	25.18 ft	200.00 ml/min
2/15/2023 12:28 PM	15:00	6.67 pH	22.15 °C	796.91 μS/cm	0.29 mg/L	0.47 NTU	63.8 mV	25.18 ft	200.00 ml/min
2/15/2023 12:33 PM	20:00	6.67 pH	21.92 °C	800.44 μS/cm	0.25 mg/L	0.18 NTU	66.9 mV	25.18 ft	200.00 ml/min
2/15/2023 12:38 PM	25:00	6.66 pH	21.85 °C	802.83 μS/cm	0.24 mg/L	0.26 NTU	58.0 mV	25.18 ft	200.00 ml/min
2/15/2023 12:43 PM	30:00	6.66 pH	22.01 °C	802.93 μS/cm	0.21 mg/L	0.27 NTU	67.2 mV	25.18 ft	200.00 ml/min

Sample ID:

Test Date / Time: 2/14/2023 3:37:57 PM Project: Plant Mitchell CCR GW (3) Operator Name: Daniel Howard

Location Name: PZ-23A
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: 46.77 ft

Pump Type: Dedicated Bladder

Tubing Type: HDPE

Pump Intake From TOC: 62.21 ft Estimated Total Volume Pumped:

17000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.45 ft Instrument Used: Aqua TROLL 400

Serial Number: 850724

Test Notes:

Low flow. Sample time 1704.

Weather Conditions:

Clear, temp 73F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2023 3:37 PM	00:00	6.77 pH	23.14 °C	700.27 μS/cm	2.35 mg/L	29.10 NTU	160.6 mV	46.77 ft	200.00 ml/min
2/14/2023 3:42 PM	05:00	6.77 pH	22.21 °C	694.86 μS/cm	1.97 mg/L	27.40 NTU	161.3 mV	47.21 ft	200.00 ml/min
2/14/2023 3:47 PM	10:00	6.77 pH	22.13 °C	698.86 μS/cm	2.70 mg/L	22.30 NTU	204.8 mV	47.22 ft	200.00 ml/min
2/14/2023 3:52 PM	15:00	6.76 pH	21.82 °C	696.97 μS/cm	2.16 mg/L	16.50 NTU	198.8 mV	47.22 ft	200.00 ml/min
2/14/2023 3:57 PM	20:00	6.76 pH	21.73 °C	692.77 μS/cm	2.15 mg/L	11.50 NTU	197.1 mV	47.22 ft	200.00 ml/min
2/14/2023 4:02 PM	25:00	6.76 pH	21.68 °C	688.43 μS/cm	2.06 mg/L	10.70 NTU	195.8 mV	47.22 ft	200.00 ml/min
2/14/2023 4:07 PM	30:00	6.75 pH	21.59 °C	682.93 μS/cm	2.01 mg/L	8.53 NTU	195.0 mV	47.22 ft	200.00 ml/min
2/14/2023 4:12 PM	35:00	6.75 pH	21.57 °C	683.98 μS/cm	1.98 mg/L	7.48 NTU	194.0 mV	47.22 ft	200.00 ml/min
2/14/2023 4:17 PM	40:00	6.75 pH	21.58 °C	701.05 μS/cm	2.18 mg/L	6.95 NTU	198.2 mV	47.22 ft	200.00 ml/min
2/14/2023 4:22 PM	45:00	6.75 pH	21.50 °C	699.01 μS/cm	2.07 mg/L	6.20 NTU	194.6 mV	47.22 ft	200.00 ml/min
2/14/2023 4:27 PM	50:00	6.75 pH	21.50 °C	695.22 μS/cm	2.04 mg/L	5.91 NTU	153.5 mV	47.22 ft	200.00 ml/min
2/14/2023 4:32 PM	55:00	6.75 pH	21.46 °C	691.21 μS/cm	2.05 mg/L	5.98 NTU	153.2 mV	47.22 ft	200.00 ml/min
2/14/2023 4:37 PM	01:00:00	6.74 pH	21.46 °C	687.68 μS/cm	2.04 mg/L	5.40 NTU	192.7 mV	47.22 ft	200.00 ml/min

2/14/2023 4:42 PM	01:05:00	6.75 pH	21.37 °C	683.50 μS/cm	2.02 mg/L	5.56 NTU	153.2 mV	47.22 ft	200.00 ml/min
2/14/2023 4:47 PM	01:10:00	6.75 pH	21.37 °C	682.68 μS/cm	2.02 mg/L	5.24 NTU	153.9 mV	47.22 ft	200.00 ml/min
2/14/2023 4:52 PM	01:15:00	6.75 pH	21.37 °C	683.36 μS/cm	2.03 mg/L	5.03 NTU	153.7 mV	47.22 ft	200.00 ml/min
2/14/2023 4:57 PM	01:20:00	6.74 pH	21.30 °C	676.91 μS/cm	2.04 mg/L	4.88 NTU	192.1 mV	47.22 ft	200.00 ml/min
2/14/2023 5:02 PM	01:25:00	6.75 pH	21.26 °C	673.98 μS/cm	2.03 mg/L	4.86 NTU	152.5 mV	47.22 ft	200.00 ml/min

Samples

Sample ID:	Description:
•	·

Created using VuSitu from In-Situ, Inc.

Test Date / Time: 2/15/2023 10:07:58 AM Project: Plant Mitchell CCR GW (4) Operator Name: Daniel Howard

Location Name: PZ-25
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: 23.36 ft

Pump Type: Dedicated Bladder

Tubing Type: HDPE

Pump Intake From TOC: 58.19 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.1 ft Instrument Used: Aqua TROLL 400

Serial Number: 850724

Test Notes:

Low flow. Sample time 1040. Also collected duplicate sample MIT-APA12-FD-02.

Weather Conditions:

Clear, temp 58F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/15/2023 10:07 AM	00:00	7.33 pH	27.76 °C	413.35 μS/cm	4.24 mg/L	1.27 NTU	1.2 mV	23.36 ft	200.00 ml/min
2/15/2023 10:12 AM	05:00	7.03 pH	22.03 °C	454.94 μS/cm	0.66 mg/L	11.70 NTU	-53.8 mV	23.46 ft	200.00 ml/min
2/15/2023 10:17 AM	10:00	7.02 pH	21.87 °C	455.41 μS/cm	0.37 mg/L	8.87 NTU	-84.0 mV	23.46 ft	200.00 ml/min
2/15/2023 10:22 AM	15:00	7.02 pH	21.89 °C	454.44 μS/cm	0.28 mg/L	4.27 NTU	-93.0 mV	23.46 ft	200.00 ml/min
2/15/2023 10:27 AM	20:00	7.02 pH	22.09 °C	453.84 μS/cm	0.31 mg/L	2.08 NTU	-95.5 mV	23.46 ft	200.00 ml/min
2/15/2023 10:32 AM	25:00	7.02 pH	21.91 °C	454.34 μS/cm	0.32 mg/L	1.16 NTU	-97.3 mV	23.46 ft	200.00 ml/min
2/15/2023 10:37 AM	30:00	7.02 pH	22.09 °C	453.86 μS/cm	0.32 mg/L	1.19 NTU	-78.4 mV	23.46 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/14/2023 1:23:48 PM

Project: Plant Mitchell (2) Operator Name: Ever Guillen

Location Name: PZ-31
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: 34.62 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

Pump Intake From TOC: 56 ft Estimated Total Volume Pumped:

7000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min

Final Draw Down: 0 ft

Instrument Used: Aqua TROLL 400

Serial Number: 966090

Test Notes:

Sample time =1405

Weather Conditions:

Cold, clear, dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2023 1:23 PM	00:00	7.72 pH	20.31 °C	313.30 μS/cm	8.98 mg/L	19.80 NTU	49.4 mV	34.62 ft	200.00 ml/min
2/14/2023 1:28 PM	05:00	7.11 pH	19.84 °C	506.89 μS/cm	5.22 mg/L	13.40 NTU	61.1 mV	34.62 ft	200.00 ml/min
2/14/2023 1:33 PM	10:00	7.09 pH	19.74 °C	506.36 μS/cm	4.92 mg/L	9.72 NTU	62.6 mV	34.62 ft	200.00 ml/min
2/14/2023 1:38 PM	15:00	7.09 pH	19.84 °C	506.56 μS/cm	4.83 mg/L	6.38 NTU	85.0 mV	34.62 ft	200.00 ml/min
2/14/2023 1:43 PM	20:00	7.09 pH	19.72 °C	505.72 μS/cm	4.85 mg/L	4.59 NTU	64.7 mV	34.62 ft	200.00 ml/min
2/14/2023 1:48 PM	25:00	7.09 pH	19.67 °C	506.23 μS/cm	4.86 mg/L	2.36 NTU	86.7 mV	34.62 ft	200.00 ml/min
2/14/2023 1:53 PM	30:00	7.08 pH	19.79 °C	506.06 μS/cm	4.86 mg/L	1.77 NTU	88.7 mV	34.62 ft	200.00 ml/min
2/14/2023 1:58 PM	35:00	7.09 pH	19.76 °C	508.04 μS/cm	4.85 mg/L	1.27 NTU	66.0 mV	34.62 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/14/2023 1:54:09 PM Project: Plant Mitchell CCR GW (2) Operator Name: Daniel Howard

Location Name: PZ-32
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: 30.04 ft

Pump Type: Dedicated Bladder

Tubing Type: HDPE

Pump Intake From TOC: 60.3 ft Estimated Total Volume Pumped:

5000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min

Final Draw Down: 0 ft

Instrument Used: Aqua TROLL 400

Serial Number: 850724

Test Notes:

Low flow. Sample time 1422.

Weather Conditions:

Clear, temp 72F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/14/2023 1:54 PM	00:00	7.47 pH	23.52 °C	309.00 μS/cm	2.94 mg/L	1.60 NTU	136.4 mV	30.04 ft	200.00 ml/min
2/14/2023 1:59 PM	05:00	7.39 pH	19.67 °C	320.32 μS/cm	1.38 mg/L	1.55 NTU	133.3 mV	30.04 ft	200.00 ml/min
2/14/2023 2:04 PM	10:00	7.38 pH	19.36 °C	324.06 μS/cm	1.07 mg/L	1.09 NTU	158.8 mV	30.04 ft	200.00 ml/min
2/14/2023 2:09 PM	15:00	7.37 pH	19.38 °C	323.60 µS/cm	0.99 mg/L	0.42 NTU	157.6 mV	30.04 ft	200.00 ml/min
2/14/2023 2:14 PM	20:00	7.37 pH	19.36 °C	323.43 μS/cm	0.96 mg/L	0.66 NTU	156.5 mV	30.04 ft	200.00 ml/min
2/14/2023 2:19 PM	25:00	7.36 pH	19.36 °C	323.28 µS/cm	0.94 mg/L	0.22 NTU	155.8 mV	30.04 ft	200.00 ml/min

Samples

	Sample ID:	Description:
--	------------	--------------

Created using VuSitu from In-Situ, Inc.

Test Date / Time: 2/16/2023 1:04:06 PM

Project: Plant Mitchell (8)
Operator Name: Ever Guillen

Location Name: PZ-33
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: 43.51 ft

Pump Type: Dedicated bladder

pump

Tubing Type: HDPE

Pump Intake From TOC: 68.6 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: 966090

Test Notes:

Sample time = 1345

Weather Conditions:

Cold, cloudy, dry

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/16/2023 1:04 PM	00:00	7.60 pH	25.24 °C	341.57 μS/cm	7.98 mg/L	17.90 NTU	76.7 mV	43.51 ft	200.00 ml/min
2/16/2023 1:09 PM	05:00	7.13 pH	21.95 °C	453.26 μS/cm	0.57 mg/L	13.10 NTU	11.6 mV	43.86 ft	200.00 ml/min
2/16/2023 1:14 PM	10:00	7.13 pH	22.30 °C	454.96 μS/cm	0.18 mg/L	9.18 NTU	31.7 mV	43.86 ft	200.00 ml/min
2/16/2023 1:19 PM	15:00	7.13 pH	22.37 °C	457.38 μS/cm	0.15 mg/L	7.19 NTU	32.3 mV	43.86 ft	200.00 ml/min
2/16/2023 1:24 PM	20:00	7.12 pH	22.87 °C	455.06 μS/cm	0.14 mg/L	4.27 NTU	39.5 mV	43.86 ft	200.00 ml/min
2/16/2023 1:29 PM	25:00	7.12 pH	22.28 °C	453.66 μS/cm	0.14 mg/L	2.38 NTU	34.5 mV	43.86 ft	200.00 ml/min
2/16/2023 1:34 PM	30:00	7.13 pH	22.61 °C	453.06 μS/cm	0.15 mg/L	1.17 NTU	40.9 mV	43.86 ft	200.00 ml/min
2/16/2023 1:39 PM	35:00	7.13 pH	21.99 °C	454.41 μS/cm	0.15 mg/L	1.28 NTU	42.4 mV	43.86 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

Test Date / Time: 2/16/2023 10:35:45 AM **Project:** Plant Mitchell CCR GW (7) **Operator Name:** Daniel Howard

Location Name: PZ-57
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: 23.22 ft

Pump Type: QED Sample Pro

Bladder

Tubing Type: HDPE

Pump Intake From TOC: 68.39 ft Estimated Total Volume Pumped:

6000 ml

Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.37 ft Instrument Used: Aqua TROLL 400

Serial Number: 850724

Test Notes:

Low flow. Sample time 1108.

Weather Conditions:

Partly sunny, temp 63F

Low-Flow Readings:

Date Time	Elapsed Time	рН	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 10 %	+/- 5	+/- 10	+/- 0.3	
2/16/2023 10:35 AM	00:00	7.13 pH	21.64 °C	539.44 μS/cm	1.61 mg/L	39.40 NTU	126.4 mV	23.22 ft	200.00 ml/min
2/16/2023 10:40 AM	05:00	7.06 pH	21.58 °C	553.53 μS/cm	1.29 mg/L	35.80 NTU	77.1 mV	23.59 ft	200.00 ml/min
2/16/2023 10:45 AM	10:00	7.07 pH	21.74 °C	551.88 μS/cm	1.51 mg/L	31.20 NTU	70.1 mV	23.59 ft	200.00 ml/min
2/16/2023 10:50 AM	15:00	7.06 pH	21.74 °C	551.16 μS/cm	0.77 mg/L	20.40 NTU	59.4 mV	23.59 ft	200.00 ml/min
2/16/2023 10:55 AM	20:00	7.06 pH	21.82 °C	549.78 μS/cm	0.49 mg/L	7.39 NTU	58.4 mV	23.59 ft	200.00 ml/min
2/16/2023 11:00 AM	25:00	7.06 pH	21.84 °C	550.36 μS/cm	0.37 mg/L	2.66 NTU	53.1 mV	23.59 ft	200.00 ml/min
2/16/2023 11:05 AM	30:00	7.06 pH	21.73 °C	551.68 μS/cm	0.30 mg/L	2.36 NTU	45.0 mV	23.59 ft	200.00 ml/min

Sample ID:	Description:
------------	--------------

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: X 2023 Semi-Annual Event 1; 2023 Semi-Annual Event 2; OTHER

WELL ID / SAMPL				WQ=202 5 (MATRIX: Groundwater									
WELL MATERIAL														
SAMPLE METHO	D: <u>Gr</u>	wit	recd											
		,	•		WELL DIA	AMETER:								
DUP./REP. OF:	C					O WATER:	_	GRAB (x) COMPOSITE ()						
					TOTAL D	EPTH:	_	(4, 12 2 2, 7						
Pump Intake Set	at (btoc):_	4	-		WATER C	OLUMN HEIGHT: —	,							
or					PURGE VOLUME:									
Tubing Inlet Set a	t (btoc):	~	-											
. asing mor our a	(2.00)				-	[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]								
						0.653 x water column height (ft) x 3 (well volumes) for 4" wells] 1.47 x water column height (ft) x 3 (well volumes) for 6" wells]								
					[1.47 X Wa	ater column neight (ft) x	3 (well volum	es) for 6" well	sj					
	1				7				T					
	1		DO (±10% for						Pump Rate					
TIME	VOL. PU	JRGED	DO > 0.5 mg/L for DO < 0.5	ORP (mV)	pH (+/- 0.1	SPEC. COND. (µs/cm) [+/-	TEMP (°C)	TURB. (NTU)	ml/min. (& pump	Water Level				
IIIIL	(ga	al)	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100	(Ft BTOC)1				
			only						ml/min)					
Initial:	 								/ \					
muai.	-				·				· · · · · · · · · · · · · · · · · · ·					
	ļ													
	<u> </u>	·												
	1													
	 			-										
-	ļ													
	<u> </u>		!											
		-												
		-		** *										
		******								* * * * * * * * * * * * * * * * * * * *				
	1 Stabiliz	ation of	water column v	vill be conside	red achieve	ed when 3 consecutive wa	ter level meas	urements vary	by 0.3 foot or loss	at a numning				
NOTES:	rate no d	reater t	han 100 ml/min	and the water	level is ab	ove the top of the screen.	itel level illeas	sulements vary	by 0.3 foot of fess	at a pumping				
	<u> </u>		dry, allow to rec					المدناجي ا	L 107 11 011	20 000				
			Tus Delor		•	DISCHAPA	e asin	4 -07-7	# 17484- 1732-18- <u>:</u>	<u> </u>				
	Turbidity	20141	US DE LOP	11-ca r	IN ICI	Type I wate	- LC New	World	1732-17-5	5)				
	1 1 1 1	~ 1m ·				';		*****						
SAMPLE DATE:	<u> X/I.</u>	5/2								_				
SAMPLE TIME: _	08	40	,											
CONTAINER	N/O													
SIZE/TYPE	NO.		PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS					
0-0 1/0 1			111100	4 11 -0		SW6010D/SW6020B/S				the state of the s				
250 mL/Poly	1		HNO3	to pH <2		W7470A		App. III	& IV Metals					
250 mL/Poly	1		Cool	to 6°C		EPA 300.0 R2.1		App.	III Anions					
500 mL/Poly	1		Cool	to 6°C		SM2540C			TDS					
1 L/Poly	2			to pH <2		E9315/9320			& 228 Combined	······································				
1 Lift Oly			111103	10 pii 42		E9319/9320		Naululli 220	& 228 Combined					
	<u> </u>													
· · · · · · · · · · · · · · · · · · ·				oen.		DIII 71011								
			4			RMATION								
WEATHER:	Pas	<u>-11v</u>	Janny	, Tem	p 51°	F								
SHIPPED VIA:	FED-X			·										
SHIPPED TO:	PACE La	aborato	ries - 110 Tech	nology Pkwy	, Peachtre	Corners, GA 30092 PH	(770) 734-42	03 POC: Bonn	ile					
***************************************	Vang:Bo			.com 704-97	7-0968 ext	920968 (Huntersville NC)							
sampler: D_{i}	eniel	Ho	ward			OBSERVER:								

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN	T: <u>X</u> 202	23 Sen	ni-Annual Even	t 1; 2023	Semi-Ann	ual Event 2; OTHE	₹			
WELL ID / SAMPL	E ID: MI 7	T-AP	A12-EB-02-₹	₩ Q=2 0 23 6	2=			MATRIX: Gro	undwater	
WELL MATERIAL	:PVC_	_ ss _	_OTHER							
SAMPLE METHOD				my						
			,	*	WELL DIA	METER:				
DUP./REP. OF:	t				DEPTH TO	O WATER:	-	GRAB (x) CO	MPOSITE ()	
					TOTAL DI	EPTH;	-			
Pump Intake Set a	at (btoc):	\				OLUMN HEIGHT:				
or			. .			OLUME:	_			
Tubing Inlet Set a	t (btoc):					ater column height (ft)				
		-			-	ater column height (ft)	•	•	•	
					[1.47 x wa	ter column height (ft) x	3 (well volum	ies) for 6" well:	s]	
	T				· T	1		1	1	
			DO (±10% for DO > 0.5 mg/L						Pump Rate	
TIME	VOL. PUI		for DO < 0.5	ORP (mV)	1 ' '	SPEC. COND. (µs/cm) [+/-	. , ,	TURB. (NTU)	ml/min. (& pump	Water Level
	(gal)	'	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100 ml/min)	(Ft BTOC) ¹
			only						, , , , , , , , , , , , , , , , , , ,	
Initial:	-								()	
			· .							
	ļ									
						-				
	<u> </u>						***************************************			
	-									
	-							· · · · · · · · · · · · · · · · · · ·		
	1						:			
				· · · · · · · · · · · · · · · · · · ·	ļ					
						,				
							···			
						4-11				
				-						
	1 Stabilize	tion of	otor politican i	ما الناب	rod ochious	L ed when 3 consecutive wa	****		land O. O. Salarita and a salari	- 1 1
NOTES:						ove the top of the screen.		surements vary	by 0.3 foot or less	at a pumping
			dry, allow to rec				•			
							0401	al a salell	07-57
	1110	nai	enizel F	TM	tuo -	Bladder pun [water Ch	on War	177322	Fr. 5)	· 2. J
SAMPLE DATE :	12	1161	23		yp= "	The state of the s	<u> </u>			
SAMPLE TIME :	085									-
CONTAINER										
SIZE/TYPE	NO.		PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS	
250 mL/Poly	1	. /	HNO3	to pH <2		SW6010D/SW6020B/S		Ann III	& IV Metals	
						W7470A				
250 mL/Poly	1			to 6°C	····	EPA 300.0 R2.1			III Anions	
500 mL/Poly	1 1			to 6°C		SM2540C			TDS	
1 L/Poly	2		HNO3	to pH <2		E9315/9320		Radium 226	& 228 Combined	
				~~~~				···		
	<del></del>			GEN	ERAL INFO	RMATION				
WEATHER:	Pyces	<u>a</u>	kl . Z							
SHIPPED VIA:	FED-X	TAF	tly Sun	<del>~ y                                   </del>	emp 6	)	*			
	+	borato	ries - 110 Tech	nology Pkwy	, Peachtre	e Corners, GA 30092 PH	: (770) 734-42	203 POC: Bonn	ile	
SHIPPED TO:						920968 (Huntersville NC				
SAMPLER: D	eniel	Ho	ward			OBSERVER:				

## PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

## ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN	Γ: <u>X</u> 20	)23 Sen	ni-Annual Even	it 1; 2023	Semi-Ann	ual Event 2; OTHER	?			·····
WELL ID / SAMPL	EID: MI	T-AP	A12-FB-01-	W <del>Q-2023</del> 0	2			MATRIX: Gro	undwater	
WELL MATERIAL:										
SAMPLE METHOD										
					WELL DIA	METER:			•	
DUP./REP. OF:	·				DEPTH TO	O WATER:	-	GRAB (x) CO	MPOSITE ( )	
					TOTAL DI	EPTH:	_			
Pump Intake Set a	t (btoc):_	~			WATER C	OLUMN HEIGHT:	<u> </u>			
or			_		PURGE V	OLUME:	_			
Tubing Inlet Set at	(btoc):_		<u> </u>		[0.163 x w	/ater column height (ft) >	c 3 (well volui	mes) for 2" wel	lls]	
						ater column height (ft) ه	•	•		
					[1.47 x wa	iter column height (ft) x	3 (well volum	es) for 6" wells	s]	
	1		·		Τ				1	
			DO (±10% for DO > 0.5 mg/L						Pump Rate	
TIME	VOL. PU		for DO < 0.5	ORP (mV) record only		SPEC. COND. (μs/cm) [+/-	. , ,	TURB. (NTU)	ml/min. (& pump	Water Level
	(94	"'	mg/L record	1ecord only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100 ml/min)	(Ft BTOC) ¹
			only							······································
Initial:									( )	
	<u> </u>									
	1									
***************************************										
				***************************************		1	-	-		
	ļ ———									
<u> </u>										
····		Ì								
	<del>                                     </del>									
· · · · · · · · · · · · · · · · · · ·	<del></del>	1								
NOTEC.	¹ Stabiliz	ation of	water column v	vill be conside	red achieve	ed when 3 consecutive wa	iter level mea	surements varv	by 0.3 foot or less	at a pumping
NOTES:						ove the top of the screen.		· · · · · · · · · · · · · · · · · · ·	.,	a. a. pa.,,p3
	If well is	purged	dry, allow to rec	harge and sa	mple within	24 hrs.				
	Turbidity	≤5 NT	400 67 8 60	nized.	Trae.	I ASTM W	iater (	7732-1	55) Chem	Warl
	L		Colle	cted w	- we	MMIT-P	2-27	<b>.</b>		
SAMPLE DATE: _	2/	14/3	<u> </u>			-				•
SAMPLE TIME : _	100	1-5								
CONTAINER SIZE/TYPE	NO.		PRESE	RVATIVE		ANALYTICAL METHOD		ANA	ALYSIS	
250 mL/Poly	1		HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals	
250 mL/Poly	1			to 6°C		EPA 300.0 R2.1		App. I	II Anions	
500 mL/Poly	1			to 6°C		SM2540C	· · · · · · · · · · · · · · · · · · ·	-	TDS	
1 L/Poly	2		HNO3	to pH <2		E9315/9320		Radium 226	& 228 Combined	
	· · · · · · · · · · · · · · · · · · ·			OFN		NO. 14.71.011				***
NA/E ATLIED	A1	مفين	- 200		ERAL INFO	KMATION				
WEATHER: SHIPPED VIA:	Clea FED-X	<del>, 7</del>	cmp 30"	<u>r-</u>	****	77747				
		borato	ries - 110 Tech	nology Pkwy	. Peachtre	Corners, GA 30092 PH	: (770) 734-42	03 POC: Bonn	ie	
SHIPPED TO:						920968 (Huntersville NC		50, 001111		
SAMPLER: D	200	1 14 6	s ward			OBSERVER:		/		

## PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

## ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN WELL ID / SAMPL						ual Event 2; OTHEF	₹	MATRIX. O.					
WELL ID / SAMPL				M-G-202-96	<u> </u>			MATRIX: Gro	undwater				
SAMPLE METHO													
OAMIN EE METHOL	. <u> </u>		10,000		WELL DIA	AMETER:							
DUP./REP. OF:	_					O WATER:		GRAB (x) CO	MPOSITE ( )				
						EPTH:	_	,	( )				
Pump Intake Set a	at (btoc):_	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			WATER C	OLUMN HEIGHT:							
or						OLUME:							
Tubing Inlet Set a	t (btoc):_		······································		[0.163 x w	0.163 x water column height (ft) x 3 (well volumes) for 2" wells]							
					[0.653 x w	ater column height (ft)	c 3 (well volui	nes) for 4" wel	lls]				
					[1.47 x wa	iter column height (ft) x	3 (well volum	es) for 6" wells	s]				
<u></u>	Т				1								
TIME	VOL. PU		DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹			
Initial:									( )				
									· /				
	ļ								·				
				·			******						
NOTES:						ed when 3 consecutive was ove the top of the screen.		surements vary	by 0.3 foot or less	at a pumping			
	If well is	purged	dry, allow to rec	harge and sa	mple within	24 hrs.							
	Turbidity	/ ≤ 5 N7	TUS Deso	nized	AST	M Type I	water	r (Chem World 7732-18-5)					
			Collee		- wel	1 M工T-P	Z-57			<del>- 14 1</del>			
SAMPLE DATE: _	2/10	6/23	3										
SAMPLE TIME : _	09	<u>45</u>											
CONTAINER SIZE/TYPE	NO.		PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS				
250 mL/Poly	1		HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals				
250 mL/Poly	1			to 6°C		EPA 300.0 R2.1		App. I	II Anions				
500 mL/Poly	1			to 6°C		SM2540C			TDS				
1 L/Poly	2		HNO3	to pH <2		E9315/9320		Radium 226	& 228 Combined				
								PLANTE HARMA					
<b>A</b>				GEN	ERAL INFO	DMATION							
WEATHER:	4	<del>11</del> .	4			/RMATION	· · · · · · · · · · · · · · · · · · ·						
SHIPPED VIA:	FED-X	···y	Sunny, 7	temp 6	62°F								
SHIPPED TO:	PACE La					e Corners, GA 30092 PH 920968 (Huntersville NC		03 POC: Bonn	ie				
SAMPLER:	<u> </u>		oward			OBSERVER:	,						
	<del>, /-</del>	<u> </u>											

SAMPLER:

### PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

## ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: X 2023 Semi-Annual Event 1; 2023 Semi-Annual Event 2; OTHER WELL ID / SAMPLE ID: MIT-PZ-2D-W.G-202302_ MATRIX: Groundwater WELL MATERIAL: PVC SS OTHER SAMPLE METHOD: De dicated Midder pump WELL DIAMETER: DUP./REP. OF: DEPTH TO WATER:___ GRAB (x) COMPOSITE ( ) TOTAL DEPTH: Pump Intake Set at (btoc): 75.95 WATER COLUMN HEIGHT:, **PURGE VOLUME:** Tubing Inlet Set at (btoc):__ [0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells] [1.47 x water column height (ft) x 3 (well volumes) for 6" wells] DO (±10% for Pump Rate DO > 0.5 mg/L VOL. PURGED ORP (mV) pH (+/- 0.1 | SPEC. COND. (μs/cm) [+/ TEMP (°C) TURB. (NTU) mi/min. (& pump Water Level TIME for DO < 0.5 (gal) record only pH units) 5%] Record only [≤5 NTU] setting) (100 (Ft BTOC)1 mg/L record ml/min) only Initial: 200 ( 0.25 69 200 200 120 200 6.1 0 9 200 200 1.50 200 Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping NOTES: rate no greater than 100 ml/min and the water level is above the top of the screen. If well is purged dry, allow to recharge and sample within 24 hrs. Turbidity ≤ 5 NTUs 12/14/22 SAMPLE DATE : SAMPLE TIME: CONTAINER NO. **PRESERVATIVE** ANALYTICAL METHOD **ANALYSIS** SIZE/TYPE SW6010D/SW6020B/S 250 mL/Poly 1 HNO3 to pH <2 App. III & IV Metals W7470A 250 mL/Poly 1 Cool to 6°C App. III Anions EPA 300.0 R2.1 500 mL/Poly 1 Cool to 6°C SM2540C TDS HNO3 to pH <2 1 L/Poly 2 E9315/9320 Radium 226 & 228 Combined GENERAL INFORMATION WEATHER: lear, SHIPPED VIA: PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie SHIPPED TO:

OBSERVER:

Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

ttoward

EVER GUILLEN

## PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

# ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

							***************************************				
SAMPLING EVEN	T: <u>X</u> 2023 Sei	mi-Annual Ever	nt 1; 2023	3 Semi-Ann	ual Event 2; OTHER	₹					
WELL ID / SAMPL							MATRIX: Gro	undwater			
WELL MATERIAL:	PVC_ss_	_ OTHER									
SAMPLE METHOD	: DEDICATE	ED BUIDDER	2 Pump								
				WELL DIA	METER: Z						
DUP./REP. OF:				DEPTH TO	O WATER: ゲルマン		GRAB (x) CO	MPOSITE ( )			
				TOTAL DEPTH: BILGS GRAB (x) COMPOSITE ( )							
Pump Intake Set a	it (btoc): 76	6.5		WATERC	OLUMN HEIGHT: 3574	- 73 X , (7 =	6,02×3=	18:06			
or	(200),			PURGE V	OLUME: 18,06						
Tubing Inlet Set a	t (htop):				rater column height (ft) >	→ • 2 /***********************************		11-1			
Tubing inlet Set a	(0.000)										
					vater column height (ft) x						
				[1.47 X wa	iter column height (ft) x	3 (well volum	es) for 6" well	s]			
<del></del>	T	DO //409/ 5	T	<u> </u>				T	Γ		
		DO (±10% for DO > 0.5 mg/L						Pump Rate			
TIME	VOL. PURGED	for DO < 0.5	ORP (mV)		SPEC. COND. (µs/cm) [+/-	, ,	TURB. (NTU)	ml/min. (& pump	Water Level		
	(gal)	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100 ml/min)	(Ft BTOC) ¹		
		only						1111/1111111			
ان کا کا Initial: ا	0,1	4,38	-30.8	7113	266.98	20,46	32.6	200 ( )	46.22		
1103 5	0,25	1.65	-100.5	732	319.29	19,76	29,4	200	46.22		
1108 10	3,5	1.39	-147.0	7.36	318.94	19.80		200	47.33		
/113 15	0175	1.31	-143.0	7.38	317.00	19.86		200	47.33		
1118 20	1.0	1,28	-138.1	7,40	317.95	20,07	14.3	200			
	1.25	1.37	-127.4						47,33		
1123 25					316,11	19,94	10,2	200	47,33		
	1.5	11.54	~//7.2	7,42		20,07	6184	200	47,33		
1133 35	1:75	1156	"111.8	7,42	315,94	20,20	4,27	200	47.33		
1138 40	2,0	1,58	-108.4	7,43	316,16	20.22	2,69	200	47,33		
1145	cull.	1-c-1- 5.	mple	-	i						
									,		
NOTES:	¹ Stabilization o	f water column v than 100 ml/min	will be conside and the water	red achieve	ed when 3 consecutive was ove the top of the screen.	iter level meas	surements vary	by 0.3 foot or less	at a pumping		
		dry, allow to red	·····								
	Turbidity ≤ 5 N	TUs		···			*****		MINO.		
	····		·· · · · · · · · · · · · · · · · · · ·								
SAMPLE DATE : _	2-14-23						*** · · · · · · · · · · · · · · · · · ·				
SAMPLE TIME:									-		
	777		***************************************								
CONTAINER SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS			
250 mL/Poly	1	HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals			
250 mL/Poly	1	Cool	to 6°C		EPA 300.0 R2,1		Ann I	II Anions			
500 mL/Poly	1	7.50	to 6°C		SM2540C			rds			
1 L/Poly	2		to pH <2								
	<del></del>		Pil		E9315/9320		Naululli 220 (	& 228 Combined			
	<u> </u>										
	<del> </del>	· · · · · · · · · · · · · · · · · · ·	GENI	ERAL INFO	RMATION						
VEATHER:	Ann a	<b>4</b>		LIVAL INFO	TAMATION						
SHIPPED VIA:	<u> </u>	OUBY- DRY				<del></del>					
		ries - 110 Tech	nology Pkyny	Paachtron	Corners, GA 30092 PH:	(770) 724 40	02 DOC: D = ::	1-			
SHIPPED TO:	Vang:Bonnie.V	ang@pacelabs	.com 704-977	7-0968 ext 9	920968 (Huntersville NC	. (770) 734-42 )	us POU: Bonn	1 <del>0</del>			

OBSERVER:

## PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

## ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	T: X 202	23 Semi-Annual Ev			ual Event 2; OTHE	₹					
WELL ID / SAMPLE	EID: MIT	-PZ-7D-WG:20	2302-				MATRIX: Gro	undwater			
WELL MATERIAL:	X PVC	SSOTHER									
SAMPLE METHOD	Dedi	cated Blad	der pum	P							
	10	swflow			AMETER: 2						
DUP./REP. OF:		_			O WATER: 26,05	ĺ	GRAB (x) CO	MPOSITE ( )			
		22 37			TOTAL DEPTH: 60.37						
Pump Intake Set a	t (btoc):	22,31		WATER COLUMN HEIGHT: 34.32							
or Table a balat Cat at	<i>n</i>			PURGE VOLUME: 6 L							
Tubing Inlet Set at	(btoc):				[0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells]						
				[1.41 X Wa	ater column height (ft) x	3 (well voluli	ies) for 6 well	s) ·			
		DO (±10% fo	•								
T11.5	VOL. PUR	RGED DO > 0.5 mg/	ORP (mV)	pH (+/- 0.1	SPEC. COND. (µs/cm) [+/-	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump	Water Level		
TIME	(gal)	for DO < 0.5 mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100	(Ft BTOC) ¹		
İ	ļ	only			1 1			ml/min)			
Initial: 1409	0	2.71	77.5	7.09	535.78	23.44	7.83	200 ( )	26.05		
1414	0.2	5 1.57	37.3	6.96	555,48	21.02	16.30	200	26.15		
1419	0.5	1,42	71.7	6.95	555,58	2132	3,64	200	26.15		
1424	0,7	5 1.39	81,2	6.94	555,99	20,99	3,84	200	26.15		
1429	1.0	1.38	65.4	6.93	557,67	2631	2.62	200	26.15		
1434	1.2	5 1.38	66.7	6.93	557,02	21,24	1.96	200	26.15		
1439	1.5	1.37	83,8	6.92	558.89	21.19	1.28	200	26,15		
-		•	-								
									***************************************		
				<u> </u>				·			
	-		······································								
			<u></u>								
	1										
NOTES:	' Stabiliza	tion of water column	will be conside	red achieve	ed when 3 consecutive was ove the top of the screen.	iter level mea	surements vary	by 0.3 foot or less	at a pumping		
		urged dry, allow to r	<del></del>								
	Turbidity		sonarge and sa	inpie within	24 (115.	-					
	raibidity										
SAMPLE DATE :01	12 2	115/23							J		
SAMPLE TIME :	THL								<del>-</del> '		
CONTAINER											
SIZE/TYPE	NO.	PRE	SERVATIVE		ANALYTICAL METHOD		AN	ALYSIS			
250 ml /D -li-	1	UNO	3 to pH <2		SW6010D/SW6020B/S		A 111	D 11/ 8/1-4 1			
250 mL/Poly	1				W7470A		App. III	& IV Metals			
250 mL/Poly	1		ol to 6°C		EPA 300.0 R2.1			III Anions			
500 mL/Poly	1	****	ol to 6°C		SM2540C			TDS			
1 L/Poly	2	HNO	3 to pH <2		E9315/9320		Radium 226	& 228 Combined			
				<del></del>							
			GFN	ERAL INFO	RMATION				1		
WEATHER:	Part	<u>\(\)</u>	( artistani	7705							
	FED-X	y - lonely.	, Temp								
CUIDDED TO	PACE Lat	oratories - 110 Tec	hnology Pkwy	, Peachtre	Corners, GA 30092 PH	: (770) 734-42	203 POC: Bonn	ie			
	Vang:Bor	ınie.Vang@pacelab	s.com 704-97	7-0968 ext	920968 (Huntersville NC	)					
SAMPLER: Da	iniel	Howard		_	OBSERVER:						

FED-X

GUILLEN

SHIPPED VIA:

SHIPPED TO:

SAMPLER:

### PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

## ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	: <u>X</u> 2023	3 Semi-Annual Even	t 1; 2023	3 Semi-Ann	ual Event 2; OTHER	₹				
WELL ID / SAMPLE	EID: MIT-	PZ-14-					MATRIX: Gro	undwater		
WELL MATERIAL:	VPVC	SS OTHER								
		ATED BLADD	ER							
				WELL DIA	METED: 2					
DUP./REP. OF:				WELL DIAMETER: 2" DEPTH TO WATER: 38.13 GRAB (x) COMPOSITE ( )						
		/		TOTAL DEPTH: 573,20'						
Pump Intake Set at	t (htoc):	48.20		WATER COLUMN HEIGHT: 15,07 × .17 = 2,56 × 3 = 7,68						
or	t (DtOG)	1.0 1-		PURGE VOLUME: 7,68						
	# t = 1:			[0.163 x water column height (ft) x 3 (well volumes) for 2" wells]						
Tubing Inlet Set at	(Dtoc):									
					ater column height (ft)	•	•	-		
				[1.47 x wa	ter column height (ft) x	3 (well volum	es) for 6" well:	3]		
				T	1	<u> </u>				
		DO (±10% for DO > 0.5 mg/L					•	Pump Rate		
TIME	VOL. PURG	GED   60 × 0.5 mg/L	ORP (mV)	1.1	SPEC. COND. (µs/cm) [+/-	٠,	TURB. (NTU)	ml/min. (& pump	Water Level	
	(gal)	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100	(Ft BTOC) ¹	
		only						ml/min)		
Initial: 15'05 0,0	0,1	6.19	87.4	7.06	539,92	21,59	1617	200 ( )	38.13	
1510 5	0.25		85.5	7.05	563,02	21,49	13.5	200	38.13	
1515 10	0.5		72.6	7,04	568,30	21,39	9.76	200	38.13	
1520 15	0.75		72-8	7.04	566,19	21.36	6,04	200	38.13	
1525 20	1.0		68,4	7,04	568.73	21.36	3,00	200	38,13	
1530 25	1,29	····		7,04						
			6117		567.78	21.30	2,53	200	38,13	
1535 30	1:5	5,74	72.	7,04	35 (170	21.30	1,62	200	38.13	
1540	Coll	cot son	ofle.							
								***	~··	
<u> </u>										
	1 Stabilizatio	on of water column w	vill he conside	red achieve	ed when 3 consecutive wa	iter level mea	surements van	by 0.3 foot or less	at a numping	
NOTES:	rate no grea	ater than 100 ml/min	and the water	level is abo	ove the top of the screen.	itor lover mea.	sarcinerits vary	by 0.5 100( 01 1 <del>0</del> 55	at a purifying	
		rged dry, allow to rec								
	Turbidity ≤			<u>'</u>						
ŀ										
SAMPLE DATE :	2-14-2	3								
SAMPLE TIME :	1540	·							•	
	16 (2)									
CONTAINER SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		ANA	ALYSIS		
SIZLITIFL					014(00400)(014(00000)(0	·	·			
250 mL/Poly	1  -	HNO3	to pH <2		SW6010D/SW6020B/S		App. III	& IV Metals		
250 mL/Poly	1	Cool	to 6°C		W7470A EPA 300.0 R2.1		Ann I	II Anions		
500 mL/Poly	1		to 6°C		SM2540C			TDS		
	2		to pH <2			*****		& 228 Combined		
1 L/Poly		HIVOS	10 pri 12		E9315/9320			x 220 Combined		
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			<u> </u>					
			CEN	ERAL INFO	PMATION					
NEATHER:	C 4.1 5	-01 Ene -		LIVE INIT	THIATION	A 11511				

PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie

OBSERVER:

Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

SHIPPED TO: SAMPLER:

GUILLEN

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN	T: <u>X</u> 2023 Se	mi-Annual Ever	it 1; 202:	3 Semi-Ann	nual Event 2; OTHER	₹			
WELL ID / SAMPL							MATRIX: Gro	undwater	
WELL MATERIAL:	PVC_ss	OTHER	_						
SAMPLE METHOD	: DEDICA	TED BLAI	DER YUM	P	-11				
				WELL DIA	AMETER: 2428				
DUP./REP. OF:				DEFINIT	O MANIELL. CON LINES	-	GRAB (x) CO	MPOSITE ()	
	479) (i) 2 -		TOTAL DI	EPTH: 83,22	- 	- 10 M V 7	- 302.225	
Pump Intake Set a	it (btoc):	86C		WATER C	COLUMN HEIGHT: 58	14 X.//	- 10,01 /3	1- 30100	
or					OLUME: 30,05				
Tubing Inlet Set at	(btoc):				vater column height (ft) >				
					vater column height (ft) >			_	
				[1.47 X W	ater column height (ft) x	3 (well volum	es) for 6" Wells	Sj	
TIME	VOL. PURGED (gal)	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Indiana and and		<u> </u>	2/0	- Paris ((170 07	0	A 4 100 000		(60 3 3 4 3 2
Initial: 1327 0:0		4,81	-81,0	7,17		22.70	16:70	200 ()	24,47
1332 5,0	0.5	0.34	-110,7	7,09	495,23	22.97	12.8	200	24,47
1337 10		0,18	-1633	7,09	496.04	Z3108	6,26		24.48
134215	110	0,14	- 10510	7.08	495,58	2266		200	24,48
1347 20	1,25		7/49,3	7,09	495135	22,59	4,37	200	29,49
1352 25 1357 30	115	0.15	-14/18	7,09	495,13	22,43	3,25	200	24,49
1400	Collec		~135.8 ale_	7,09	476.36	CC-DI	C. C.	200	24.49
1400	collec	Sam	uce-						
									-

	¹ Stabilization o	f water column v	vill be conside	red achieve	I ed when 3 consecutive wa	iter level meas	uremente vary	by 0.3 foot or loss	at a numpina
NOTES:					ove the top of the screen.		ourements vary	by 0.5 100t of 1655	at a pumping
	If well is purged	dry, allow to rec	harge and sa	mple within	24 hrs.				
	Turbidity ≤ 5 N	TUs							
SAMPLE DATE : _	2-15-23								
SAMPLE TIME :	1400								=
CONTAINER SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS	
250 mL/Poly	1.	HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals	
250 mL/Poly	1	Cool	to 6°C		EPA 300.0 R2.1		App. I	Il Anions	
500 mL/Poly	1	Cool	to 6°C		SM2540C		-	rds	
1 L/Poly	2	HNO3	to pH <2		E9315/9320		Radium 226	& 228 Combined	
				ERAL INFO	DRMATION				
WEATHER: SHIPPED VIA:	FED-X	LOUDY - D	r-y						
OTHERED MALE	LD-X								I

PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	: <u>X</u> 2023	Semi-Annual Even	it 1; 2023	Semi-Ann	ual Event 2; OTHER	₹ .				
WELL ID / SAMPLE	EID: MIT-I	PZ-16-					MATRIX: Gro	undwater		
WELL MATERIAL:										
SAMPLE METHOD			er lums		./					
				WELL DIA	METER: Z"					
DUP./REP. OF:					O WATER: 27,82	_	GRAB (x) COI	MPOSITE ()		
	_			TOTAL DEPTH: 53/19						
Pump Intake Set at	t (btoc): <u> </u>	8,19		WATER C	OLUMN HEIGHT: 25	37 X . 17	=4,31x3	= 12.93		
or		j			OLUME: 12 93		,			
Tubing Inlet Set at	(btoc):	<u> </u>		[0.163 x w	ater column height (ft) x	3 (well volui	mes) for 2" wei	ls]		
					ater column height (ft)					
				[1.47 x wa	ter column height (ft) x	3 (well volum	es) for 6" wells	3]		
				,					,	
		DO (±10% for						Pump Rate		
TIME	VOL. PURG	ED DO > 0.5 mg/L for DO < 0.5	ORP (mV)		SPEC. COND. (µs/cm) [+/-	TEMP (°C)	TURB. (NTU)	ml/min. (& pump	Water Level	
	(gal)	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100	(Ft BTOC) ¹	
		only						ml/min)	* .	
Initial: 958 0,0	0,1	9,45	194.8	7.38	359,55	17,70	164	200 ()	27.82	
1003 5,	0.25		149,0	7,13	450,53	19,60	11.3	200	27,62	
1008 10	0.50	1.83	117.9	7:10	452,02	19.89	8.22	200	27,82	
1013 15	0175	1,54	102.3	7,09	452.37	20126	4.97	200	27.82	
1018 20	100	1:48	71.6	7,10	451:37	20.43	3,35	200	27.82	
1023 25	1:25	1,44	83.6	7.10	450,19	20.73	2,13	200	27.82	
1028 30	115	1142	6411	7111	450,18	20,72	1190	2.00	27.82	
1033 35	1.75	1.42	77.6	7,11	451102	20.78	1,21	200	27.82	
1038 40	2.0	113/	61.8	7,10	459,08	2091	0181	200	27.82	
1040	Coll	lest Sa	mple				,			
					-					
NOTES:	1 Stabilizatio	on of water column v	vill be conside	red achieve	ed when 3 consecutive was	ter level meas	surements vary	by 0.3 foot or less	at a pumping	
		ged dry, allow to rec			······································	***				
	Turbidity ≤ 5						 -			
j									·	
SAMPLE DATE :	2-15-6	23								
SAMPLE TIME :	1040									
CONTAINER										
SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		ANA	ALYSIS	. :	
250 mL/Poly	1 HNO3 to pH <2 SW6010D/SW6020B/S App. III & IV Metals									
250 mL/Poly	1	Cool	to 6°C		EPA 300.0 R2.1		App. I	II Anions		
500 mL/Poly	1	Cool	to 6°C		SM2540C		-	rds		
1 L/Poly	2	HNO3	to pH <2		E9315/9320		Radium 226 8	& 228 Combined		
				EDAL INEC						

	Gi	ENERAL INFORMATION	
WEATHER:	Cold - Clear - DRY		
SHIPPED VIA:	FED-X		
SHIPPED TO:	PACE Laboratories - 110 Technology Pk Vang:Bonnie.Vang@pacelabs.com 704-	wy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie 977-0968 ext 920968 (Huntersville NC)	
SAMPLER:	EVER GUILLEN	OBSERVER:	

SHIPPED TO: SAMPLER:

GUILLEN

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	Г: <u>X</u> 2023 Se	mi-Annual Even	nt 1; 2023	Semi-Ann	ual Event 2; OTHER	₹ .			
WELL ID / SAMPLI	EID: MIT-PZ	-17-14/ 19-202	802				MATRIX: Gro	undwater	
WELL MATERIAL:	LFVC_SS	OTHER	\						
SAMPLE METHOD	DEDICA	TED BLA	DDER PUR	UP					
DUP./REP. OF:				WELL DIA	METER: <u>2"</u> O WATER: <u>26,67</u> EPTH: 62,70	•	GRAB (x) COI	MPOSITE()	
Pump Intake Set a	t (htoc): 5	7.70		WATER	OLUMN HEIGHT: 3	6.03X,	17=6,12	x 3 = 18.37	7
or	- (0:00)	······································			OLUME: 18.37	· · · · · · · · · · · · · · · · · · ·			
Tubing Inlet Set at	(btoc):				vater column height (ft)	- c 3 (well volu	mes) for 2" wel	lsī	
_					/ater column height (ft)	7.4	-	=	
				[1.47 x wa	nter column height (ft) x	3 (well volum	es) for 6" wells	- s]	
p	Ţ"								
TIME	VOL. PURGED (gal)	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≤5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial: 1000 0:0	0.1	8.86	192.3	6,66	350,25	20.25	1913	200 ()	26.67
1009 5	0.25	0.50	-Z.5	7,16	426,00	20,82	12.1	200	26.93
10 10 10	0.5	0,12	- 11,4	7,15	426,26	20.89	8.83	200	26.93
101515	0.75	0,12	-118	7.16	430.88	20,94	6,32	200	26.93
1020 20	100	0.13	-17,2	7.16	433.73	20.88	4.72	200	26.93
1025 25	1,25	0,13	-516	7.16	439.61	20.96	3,59	200	26.93
1030 30	1.5	0.14	-24.0			21,02	1.36	200	26.93
1 635 35	1.75	0,14	-27.9	7,14	456.87	21,14	0,96	200	26,93
1040	Colle	ct sa	neple	, p					
								· · · · · · · · · · · · · · · · · · ·	
					-				
NOTES:					I I I I I I I I I I I I I I I I I I I	iter level mea	surements vary	by 0.3 foot or less	at a pumping
	If well is purged	dry, allow to rec	harge and sa	mple within	24 hrs.				
	Turbidity ≤ 5 N	TUs							
SAMPLE DATE : _	コー 1/2 ピアニ	z							
SAMPLE TIME :									- . ·
	1070								
CONTAINER SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		ANA	ALYSIS	
250 mL/Poly	1		to pH <2		SW6010D/SW6020B/S W7470A			& IV Metals	
250 mL/Poly	1 Cool to 6°C EPA 300.0 R2.1 App. III Anions								
500 mL/Poly	1		to 6°C		SM2540C			rds .	
1 L/Poly	2	HNO3	to pH <2		E9315/9320	-	Radium 226 8	3 228 Combined	
			· · · · · · · · · · · · · · · · · · ·						
			GEN	ERAL INFO	RMATION				
WEATHER:	Course	LOUDY - D							
SHIPPED VIA:	FED-X	<u>- 1 </u>					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	

PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	∵ <u>X</u> 2023 Se	mi-Annual Even	t 1; 2023	3 Semi-Ann	ual Event 2; OTHEF	₹			
WELL ID / SAMPLE	EID: MIT-PZ	-18-					MATRIX: Gro	undwater	
WELL MATERIAL:	FVC_SS	OTHER							
SAMPLE METHOD	DEDICAT	ED BLADDE	R Pump						
				WELL DIA	METER: Z'				
DUP./REP. OF:				DEPTH TO	O WATER: 23.51	_	GRAB (x) CO	MPOSITE ()	
					EPTH: 63,18	-		` ,	
Pump Intake Set at	t (btoc): <i>.</i> 58	18		WATER C	OLUMN HEIGHT: 36	6,67 X1	7=6,741	K3=20123	
or				PURGE V	OLUME: この、とろ	_			
Tubing Inlet Set at	(btoc):			[0.163 x w	ater column height (ft) >	- c 3 (well volui	mes) for 2" wel	lls]	
				[0.653 x w	ater column height (ft) >	c 3 (well volui	mes) for 4" wel	ls]	
				_	iter column height (ft) x	•	•	-	
				•					
TIME	VOL. PURGED (gal)	DO (±10% for DO > 0.5 mg/L for DO < 0.5 mg/L record only	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (μs/cm) [+/- 5%]	TEMP (°C) Record only	TURB. (NTU) [≲5 NTU]	Pump Rate ml/min. (& pump setting) (100 ml/min)	Water Level (Ft BTOC) ¹
Initial:	-0-1		36.5	6.75		22.33	-12.1	200-()	-25.54-
45055	0.25	· Water	-36	7.22	6,44,47	23166	8,95	200	23,51
1500 0,0	0.1	7,03	~36,5°	7,22	649.47	23.64	12,4	200	23.51
1505 5	0:25	1.10	1017	675	730.58	22,33	8, 95	200	23.51
151010	0.5	0.80	1615	6.74	729,67	22.28	6,54	200	23,51
1515 15	0.75	0,66	20,5	6.73		72.43	3,45	200	23.51
1520 20	1,0	0.90	1913	6,74	727.72	22,55		200	23.51
1525 25	1,25	0,72	17.8	6,74		22,47	0,92	200	23,51
1530 30	1.5	0.81	20.0	6:73	730.76	22.26	1,04	200	23,51
1535	Call	II	ampl	6	, ,,,,,,	616	170		
	Lactor		2.50 Congression						
		1							
									· · · · · · · · · · · · · · · · · · ·
	1 Stabilization o	of water column v	vill be conside	red achieve	ed when 3 consecutive wa	iter level mea	elirements varv	hy 0 3 foot or less	at a numning
NOTES:					ove the top of the screen.		ouromonio vary	by 0.0 100t 01 1000	at a pamping
	If well is purged	dry, allow to rec	harge and sa	mple within	24 hrs.				
	Turbidity ≤ 5 N	TUs						777474.6.64	
					· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			
SAMPLE DATE : _	2-15-2	3							
SAMPLE TIME:	1535								_
CONTAINER									
SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS	1
OFO ml /Dale	4	LNO	دم الام م		SW6010D/SW6020B/S	 	A !!!	9 IV/ B4 - 4 - 1 -	
250 mL/Poly	1		to pH <2		W7470A			& IV Metals	
250 mL/Poly	1		to 6°C		EPA 300.0 R2.1		· · · · · · · · · · · · · · · · · · ·	III Anions	
500 mL/Poly	1		to 6°C		SM2540C			TDS	
1 L/Poly	2 .	HNO3	to pH <2		E9315/9320		Radium 226	& 228 Combined	

	GENERAL INFORMATION	
COLD-CLOUDY-DRY		
FED-X		
	· · · · · · · · · · · · · · · · · ·	le
EVER GUILLEN	OBSERVER:	
	FED-X PACE Laboratories - 110 Technology P Vang:Bonnie.Vang@pacelabs.com 70	FED-X PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonn Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT: X 2023 Semi-Annual Event 1; ___ 2023 Semi-Annual Event 2; ____ OTHER WELL ID / SAMPLE ID: MIT-PZ-19-14-202802 MATRIX: Groundwater WELL MATERIAL: X PVC Bladder pump WELL DIAMETER: SAMPLE METHOD: Ded Cated lowflow DUP./REP. OF: MIT-APA12-FD-01:W/@:202302-DEPTH TO WATER: GRAB (x) COMPOSITE () TOTAL DEPTH: Pump Intake Set at (btoc): 57.63 WATER COLUMN HEIGHT **PURGE VOLUME:** Tubing Inlet Set at (btoc):_ [0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells] [1.47 x water column height (ft) x 3 (well volumes) for 6" wells] DO (±10% for Pump Rate DO > 0.5 mg/L VOL. PURGED ORP (mV) Water Level pH (+/- 0.1 SPEC. COND. (μs/cm) [+/-TEMP (°C) TURB. (NTU) ml/min. (& pump TIME for DO < 0.5 record only (gal) pH units) 5%] [≤5 NTU] setting) (100 Record only (Ft BTOC)1 mg/L record ml/min) only Initial: 200 (65 20 O 200 200 200

NOTES:

¹ Stabilization of water column will be considered achieved when 3 consecutive water level measurements vary by 0.3 foot or less at a pumping rate no greater than 100 ml/min and the water level is above the top of the screen.

If well is purged dry, allow to recharge and sample within 24 hrs.

Turbidity = 5 NTUs Collected duplicate sample MIT-APA12-FD-01 at
this location

SAMPLE DATE : 2/15/23 SAMPLE TIME : 1245

1 L/Poly	24	HNO3 to pH <2	E9315/9320	Radium 226 & 228 Combined
500 mL/Poly	11	Cool to 6°C	SM2540C	TDS
250 mL/Poly	XI	Cool to 6°C	EPA 300.0 R2.1	App. III Anions
250 mL/Poly	21	HNO3 to pH <2	SW6010D/SW6020B/S W7470A	App. III & IV Metals
CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS

	G	ENERAL INFORMATION	
WEATHER:	Clear Temp 720F		
SHIPPED VIA:	FED-X		
SHIPPED TO:	PACE Laboratories - 110 Technology Pk Vang:Bonnie.Vang@pacelabs.com 704	wy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie 977-0968 ext 920968 (Huntersville NC)	,
SAMPLER: Da	niel Howard	OBSERVER:	

Clear, Tenp

Howard

WEATHER: SHIPPED VIA:

SHIPPED TO: SAMPLER:

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

			FHONE. (770) 2	12 1*3400 / F	AA. (110) 421-3400				
SAMPLING EVENT	: X 2023 Ser	ni-Annual Ever	nt 1; 2023	3 Semi-Ann	ual Event 2; OTHER	₹			
WELL ID / SAMPLE	ID: MIT-PZ	-23A-\# 9-2 6	2302				MATRIX: Gro	undwater	
WELL MATERIAL:				•					
SAMPLE METHOD	Dodinat	ed Rladd	AS AUM	a.A					
SAMPLE METHOD	- Low F	lam	ic. pui	WELL DIA	METER: 2				
DUP./REP. OF:	,	.0~			WATER: 46.7)	GRAB (x) COI	MDOSITE ()	
DUF./REF. OF:					P (2009 19 8	<i>'</i>	GRAB (X) COI	WPOSITE ()	
D 184-1- 0-4-4	(1) C 1	21		TOTAL DE		_ 44.4			
Pump Intake Set at	(btoc): 😢 ሉ	-121			OLUMN HEIGHT: 2 ().77			
or				PURGE V		_			
Tubing Inlet Set at	(btoc):			[0.163 x w	ater column height (ft) >	k 3 (well volu	mes) for 2" wel	ls]	
				[0.653 x w	ater column height (ft) >	k 3 (well volu	mes) for 4" wel	ls]	
				[1.47 x wa	ter column height (ft) x	3 (well volum	es) for 6" wells	s]	
			Γ	Т			Γ		<u> </u>
		DO (±10% for DO > 0.5 mg/L						Pump Rate	
TIME	VOL. PURGED	for DO < 0.5	ORP (mV)		SPEC. COND. (µs/cm) [+/-		TURB. (NTU)	ml/min. (& pump	Water Level
	(gal)	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100	(Ft BTOC) ¹
		only						ml/min)	
Initial: 1537	0	2.35	160.6	6.77	700.27	23,14	29.1	200()	46,77
1542	0.25	1.97	161.3	6.77	694.86	22.21	27.4	200	47.21
1847	0.5	2.70	204.8	6.77	698.46	22.12	22.3	200	47.22
1882	0.75	2.16	19 8 8	4.76	69697	2182	16.5	200	H722
1557	1.0	2 15	1977	676	692.77	7172	FIE	200	4732
	12 K	2.06	IGE	7 77	688.43	51/0	1/19		11330
1602	1125		173,8	0.10	(27 03	71.60	10 1 m	200	7/1/2
1607	1.9	2.01	143.0	6.13	682,93	2654	8.3.3	200	71.22
1612	1.15	1,48	194.0	6.15	683.48	21.57	1.78	200	47.22
1617	2.0	2.18	198.2	6.75	"6701.05	71.58	6.95	200	47,22
1672	2.25	2.07	194.6	6.75	699.01	21.50	6.20	200	47.22
1627	2,5	2,04	153.5	6.75	695,22	21.50	5,91	200	47.22
1632	2.75	2.05	153.2	6.76	691.21	2146	5.98	200	47.22
1637	3.0	2.04	192.7	6.74	687.68	21.46	5.40	200	47.22
1642	3.25	2.02	153.2	6.95	683.50	21,27	5.56	200	4722
		f water column	will be conside		d when 3 consecutive wa	ter level mea	euramente varv		at a numping
NOTES:					ove the top of the screen.		sarements vary	by 0.5 loot of less	at a pullipling
	If well is purged								
ŀ	Turbidity ≤ 5 N			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
	Taiblaity = 0 11								
SAMPLE DATE:	1/14/23	<u>a</u>					•		
	1704					···			-
SAMPLE TIME :	1107								
CONTAINER	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		ANA	ALYSIS	
SIZE/TYPE									
250 mL/Poly	1	HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III 8	& IV Metals	
250 mL/Poly	1	Cool	l to 6°C		EPA 300.0 R2.1		App. I	Il Anions	
500 mL/Poly	1		to 6°C		SM2540C			rds	
1 L/Poly	2	HNO3	to pH <2		E9315/9320			& 228 Combined	
	_		. –						
						~~~~~			
			GEN	ERAL INFO	RMATION			···	

PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

	1: <u>X</u> 20	/23 300 4 A ™	ni-Annual Even	2023	S Semi-Ann	ual Event 2; OTHER	≺			
WELL ID / SAMPL			T-PZ-2	USA_				MATRIX: Gro	undwater	
WELL MATERIAL:	XPVC_	ss	OTHER							
SAMPLE METHOD	Dedi	cate	<u>AKladde</u>	ir pump						
	101	w F1	ow	v •		METER: 2				
DUP./REP. OF:						O WATER: 46.77	_	GRAB (x) CO	MPOSITE ()	
		10				PTH: 67.21	- <u>.</u>			
Pump Intake Set a	t (btoc):_	6X.	<u> </u>			OLUMN HEIGHT: 20	,44			
or					PURGE V					
Tubing Inlet Set at	(btoc):				[0.163 x w	ater column height (ft) :	k 3 (well volu	mes) for 2" we	lls]	
					[0.653 x w	ater column height (ft) :	k 3 (well volu	mes) for 4" we	lls]	
					[1.47 x wa	iter column height (ft) x	3 (well volum	nes) for 6" well:	s]	
	1		***	<u> </u>	·	I		T	Τ	
			DO (±10% for DO > 0.5 mg/L			*			Pump Rate	
TIME	VOL. PU		for DO < 0.5	ORP (mV)		SPEC. COND. (µs/cm) [+/-	, , ,	TURB. (NTU)	ml/min. (& pump	Water Level
	(ga	1)	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100 ml/min)	(Ft BTOC) ¹
			only						·	
4mitial: 1647	3.5		2.02	153,9	6.75	682.68	21.37	5.24	200 ()	47,22
1652	3.2	5	2,03	153.7	6.75	683.36	21,37	5.03	200	47.22
1657	4.0	0	2.04	1921	6,74	676.91	21,30	4.88	200	47.22
1702	42	5	2.03	152.5	6.75	673.98	2426	4.86	200	47.22

****							***************************************			
	<u> </u>									
NOTES:	¹ Stabiliz	ation of	water column v	vill be conside	red achieve	ed when 3 consecutive wa	ater level mea	surements vary	by 0.3 foot or less	at a pumping
						ove the top of the screen.				
			dry, allow to rec	harge and sa	mple within	24 hrs.			i	
	Turbidity	≤5 N1	Us							
SAMPLE DATE :	2/14	1 /2	3							
-	170	1/2	2	****						-
SAMPLE TIME :	1 10	ŀ	· · · · · · · · · · · · · · · · · · ·							
CONTAINER SIZE/TYPE	NO.		PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS	
OIZL/TTFL						EWICOAOD IEWICOOD IE				
250 mL/Poly	1		HNO3	to pH <2		SW6010D/SW6020B/\$ W7470A		App. III	& IV Metals	
250 mL/Poly	1		Cool	to 6°C		EPA 300.0 R2.1		App. I	II Anions	
500 mL/Poly	1		Cool	to 6°C		SM2540C			TDS	
1 L/Poly	2		HNO3	to pH <2		E9315/9320		Radium 226	& 228 Combined	. —
										
					ERAL INFO	RMATION				
WEATHER:	Clo	ear	Temp?	30F						
SHIPPED VIA:	FED-X		<i>'</i>							
SHIPPED TO:	Vang:Bo	nnie.Va	ang@pacelabs		7-0968 ext	e Corners, GA 30092 PH 920968 (Huntersville NC		203 POC: Bonn	ie	
SAMPLER: D	anie	11 1	loward			OBSERVER:				

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN	: <u>X</u> 2023	Semi-Annual Event	t 1; 2023	Semi-Ann	ual Event 2; OTI	HER			
WELL ID / SAMPLI	EID: MIT-	PZ-25-W G-202	302				MATRIX: Gro	undwater	
WELL MATERIAL:	XPVC	SS OTHER AA						×	
SAMPLE METHOD	Dedic	ated Bladde	of pump						
	low	Flow	' '	WELL DIA	METER: 2				
DUP./REP. OF: MI	T-APA12-FI	D-02 -WG-202302			WATER: 23.3	6	GRAB (x) CO	MPOSITE ()	
				TOTAL DE	PTH: 63.19			()	
Pump Intake Set a	t (btoc):	58.19		WATER C	OLUMN HEIGHT:	39.83			
or				PURGE V	OLUME: 💪 🖵		•		
Tubing Inlet Set at	(btoc):				ater column height (ft) x 3 (well vo	lumes) for 2" we	lle1	
J	(····			ater column height (
					ter column height (fl		•	-	
				[1.47 A Wa	iter column neight (ii	.) x 3 (well voll	ines/ior o wen	a]	
	Γ	DO (+10% for			T	1	<u> </u>	T	
		DO (±10% for DO > 0.5 mg/L					1	Pump Rate	
TIME	VOL. PURG	for DO < 0.5	ORP (mV)		SPEC. COND. (µs/cm)	,	, ,	mi/min. (& pump	Water Level
	(gal)	mg/L record	record only	pH units)	5%]	Record on	y [≤5 NTU]		SITE () Sump Rate plin. (& pump pliting) (100 pl/min) DO () 23.36 DO 23.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25.46 DO 25
		only							
Initial: 1007	0	4.24	1.2	7.33	413.35	27.76	5 1,27	200 ()	23,36
1012	0.25	0.66	-53.8	7.03	454,94	27.03	11.70	200	
1017	0.5	0.37	-84.0	7.02	455.41	21.8	7 8.87	200	Comp. Print. 12
1022	0.75		~92.0	7,02	45444	21 89	4.27	200	
1027	1.0	0.31	-91	7.02	457.84	390	7 2.08	200	100
1032	1.25		- 97 3	7.02	454.34	21.9	1 2 42		
		4 4	- 76 L		-		1.16		
	1.5	0.32	181	7.02	4.53.86	22.09	1,19	200	23.46
					<u> </u>	·	-		
									-
							Į.		
NOTES.	1 Stabilization	on of water column w	ill be conside	red achieve	d when 3 consecutive	water level me	easurements varv	by 0.3 foot or less	at a numning
NOTES:	rate no grea	ater than 100 ml/min	and the water	level is abo	ove the top of the scre	en.	,	2) 010 1001 01 1000	at a partipling
	If well is pur	rged dry, allow to rech	narge and sar	nple within	24 hrs.		 		
*	Turbidity ≤		llected		licate san	ale M	TT-AD	A17-EN-	62 4
				not ta		cpic /	171	ITTA PIJ	02 61
SAMPLE DATE : _	2/15	113	13 100	<u> </u>	\ <u>.</u>				
SAMPLE TIME :	1048								-
	1010								
CONTAINER SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHO	D	AN	ALYSIS	
SIZE/TIFE			·						· · · · · · · · · · · · · · · · · · ·
250 mL/Poly	12	HNO3 t	o pH <2		SW6010D/SW6020B	/5	App. III	& IV Metais	
250 mL/Poly	12	Cool	to 6°C		W7470A EPA 300.0 R2.1		Ann	III Anions	
			to 6°C						
500 mL/Poly	12				SM2540C			TDS	
1 L/Poly	14	HNU3 t	o pH <2		E9315/9320	<u> </u>	Radium 226	& 228 Combined	
									٠-
· · · · · · · · · · · · · · · · · · ·	A .	192		ERAL INFO	RMATION				
WEATHER:	Clea	r, Temp	58°F			· · · · · · · · · · · · · · · · · · ·			
SHIPPED VIA:	FED-X								
					Corners, GA 30092		4203 POC: Bonr	ile	
	4	ile.vang@pacelabs.	com /04-977		920968 (Huntersville	NC)		- 1	
AMPLER: Daniel Howard OBSERVER:									

SHIPPED TO: SAMPLER:

GUILLEN

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN	T: <u>X</u> 202	23 Semi-Annual Even	nt 1; 2023	3 Semi-Ann	ual Event 2; OTHEF	₹			
WELL ID / SAMPL	.E ID: MIT	-PZ-31				MATRIX: Groundwater			
WELL MATERIAL	: <u>~</u> PVC _	_SS OTHER			•				
SAMPLE METHO	D: DEDI	CATED BLADE	ER YUMI	P .	. //				
				WELL DIA	AMETER: Z"_				
DUP./REP. OF: _		_		DEPTH TO WATER: 34.62 GRAB (x) COMPOSITE ()					
		m n(EPTH: 61,60	 	/型) V フー 1マ	حسيبر وسا	
Pump Intake Set a	at (btoc):	5 Q i U			OLUMN HEIGHT: 26,	78 X,1/= 4	15岁入3年17	1/5	
or	• (1)- 4 - - \				OLUME: 13,75				
Tubing Inlet Set a	t (ptoc):				/ater column height (ft) >				
					/ater column height (ft) >			-	
				[1.4/ X W	ater column height (ft) x	3 (well volum	les) for o well:	s)	
TIME	VOL. PUR	l for DΩ < 0.5	ORP (mV)		SPEC. COND. (µs/cm) [+/-	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump	Water Level
<u>-</u>	(gal)	mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100 ml/min)	(Ft BTOC) ¹
Initial: 1323 0,0	0.1	8.98	49,4	7.72	313.30	20.31	19.80	Z00 ()	34.62
1328 5	0.29		61.1	7.11	506.89	19.84	13.40	200	34.62
1333 10	0.5	4.92	62.4	7,09	506.36	19.74	9,72	200	34.62
1338 15	0.79		85,0	7,09	506.56	19.84	6.38	200	34,62
1343 20	110	4.85	64.7	7,09	505,72	19.72	4,59	200	39.62
1398 25	1,2		86.7	7.09	506.23	19,67	2,36	200	34,62
1353 30	1,5		88.7	7.08	504.06	19:79	1.77	200	34.62
1358 35	1.7		66,0	7,09	508,04	19,76	1,27	200	34,62
1405	Ca	let Sa	mple				٠.		
	<u> </u>						· · · · · · · · · · · · · · · · · · ·		
	1			ļ					
				ļ			************		
							- 		
	11 0. 1.10			<u> </u>					
NOTES:	rate no gri	tion of water column v eater than 100 ml/min	vill be conside and the water	ered achieve r level is ah	ed when 3 consecutive was	iter level meas	surements vary	by 0.3 foot or less	at a pumping
		urged dry, allow to red	~~~~~~~~~~						
	Turbidity		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
								17 N	
SAMPLE DATE:	2-14	1-23							
SAMPLE TIME : _	1405								-
CONTAINER SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METHOD		ANA	ALYSIS	
250 mL/Poly	1	HNO3	to pH <2		SW6010D/SW6020B/S W7470A		App. III	& IV Metals	
250 mL/Poly	1	Cool	to 6°C		EPA 300.0 R2.1		App. I	II Anions	
500 mL/Poly	1 1		to 6°C		SM2540C			TDS	
1 L/Poly	2		to pH <2		E9315/9320			& 228 Combined	
	 		,-			<u>.</u>			PROD
	<u></u>						·		
			GEN	ERAL INFO	DRMATION				
WEATHER:	Col	D-CLEAR-DA	e y						
SHIPPED VIA:	FED-X		•						

PACE Laboratories - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

OBSERVER:

PROJECT NAME: <u>Plant</u> <u>Mitchell, GA - CCR GW</u>

SHIPPED TO:

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	Γ: <u>X</u> 20	123 Sen	ni-Annual Even	t 1; 2023	Semi-Ann	ual Event 2; OTHER	र	÷		
WELL ID / SAMPLI	EID: MI	T-PZ-	32- WG-202	302				MATRIX: Gro	undwater	
WELL MATERIAL:	PVC_	ss	_OTHER							
SAMPLE METHOD): Ded	icate	d Bladde	rpump		A		,		
	low	Flo	W	,	WELL DIAMETER: 2					
DUP./REP. OF:						0 WATER: 30.04	-	GRAB (x) COI	MPOSITE ()	
Committee of		16	2 K		TOTAL DE		91			
Pump Intake Set a	it (btoc):_	100°	<u> </u>			OLUME: 5	126			
Or Tubing Inlot Set of	، (امدعما) <u>،</u>				PURGE V	· · · · · · · · · · · · · · · · · · ·		- \ C Off		
Tubing Inlet Set at	(ptoc):					vater column height (ft) x			=	
						vater column height (ft) x ater column height (ft) x	,	•	-	
					[1.4/ X Wa	iter column height (it) x	3 (well volum	es) for o wells	3]	
	T .		DO (±10% for				·			<u> </u>
	VOL. PU	RGED	DO > 0.5 mg/L	ORP (mV)	pH (+/- 0.1	SPEC, COND. (µs/cm) [+/-	TEMP (°C)	TURB. (NTU)	Pump Rate mi/min. (& pump	Water Level
TIME	(ga		for DO < 0.5 mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100	(Ft BTOC) ¹
			only						ml/min)	`
Initial: 1354	0		2,94	136.4	7,41	309.00	23,52	1.60	200()	30.04
1339	0.2	5	1.38	133.3	7.39	320.32	19.67	1.55	200	30.11
1404	(), =	3	1.07	158.8	7.78	324.06	19,36	1.09	200	30.11
1409	0.7	5	0.99	157.6	7.37	323.60	9.38	8:42	200	20.11
1-114	1.0)	0,96	156.5	7.37	323 43	19.36	1.66	200	30:11
1419	1.2	<i>*</i>	0.94	155.8	7.36	727.28	19,36	0,22	200	30.11
				- Allian -	77.07			ata for		
NOTES:	¹ Stabiliz	ation of	water column w	vill be conside	red achieve	ed when 3 consecutive wa	iter level meas	surements vary	by 0.3 foot or less	at a pumping
NOTES.	rate no g	reater t	han 100 ml/min	and the water	level is abo	ove the top of the screen.			-	
.			dry, allow to rec	harge and sar	nple within	24 hrs.				
!	Turbidity	≤ 5 NT	Us	·	· · · · · · · · · · · · · · · · · · ·					
L	2 1011	i., 49					· .			
SAMPLE DATE : _	<u> 2/ 4/</u>									-
SAMPLE TIME :		<u> </u>								-
CONTAINER SIZE/TYPE	NO.		PRESE	RVATIVE		ANALYTICAL METHOD		AN	ALYSIS	
250 mL/Poly	1		HNO3 to pH <2 SW6010D/SW6020B/S App. III & IV Metals							
250 mL/Poly	1		Cool	to 6°C		W7470A EPA 300.0 R2.1				
500 mL/Poly	1			to 6°C		SM2540C	App. III Anions TDS			
1 L/Poly	2			to pH <2		E9315/9320			& 228 Combined	
1 En Ory	-			10 pii -		L3313/3320		Nagium 220	X ZZO COMBINED	
LI	l		<u> </u>			L				
				GENI	ERAL INFO	RMATION				
WEATHER:	टाः	car.	Temp 7	20P				****		
SHIPPED VIA:	FED-X	7				*****				

PACE Laboratorles - 110 Technology Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie Vang:Bonnie.Vang@pacelabs.com 704-977-0968 ext 920968 (Huntersville NC)

OBSERVER:

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144 PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVENT	: X 2023 Se	mi-Annual Even	it 1; 2023	Semi-Ann	ual Event 2; OTHER	₹			
WELL ID / SAMPLE	ID: MIT-PZ	-33-	تعاقف				MATRIX: Gro	undwater	
WELL MATERIAL:	PVC SS	OTHER							
SAMPLE METHOD			ER PUMP						
				WELL DIA	METER: 2"				
DUP./REP. OF:		•			WATER: 43,5		GRAB (x) CO	MPOSITE ()	
		_		TOTAL DE	PTH: 73.60				
Pump Intake Set a	t (btoc): <i>68</i>	160		WATER C	OLUMN HEIGHT: 30	2.09 X.17	1=511X=	3=15,34	
or				PURGE V	OLUME: <u>15734</u>	_			
Tubing Inlet Set at	(btoc):			[0.163 x w	ater column height (ft) >	c 3 (well volur	nes) for 2" wel	ls]	
				[0.653 x w	ater column height (ft) a	c 3 (well volur	nes) for 4" wel	is]	
				[1.47 x wa	ter column height (ft) x	3 (well volum	es) for 6" wells	s]	
	,	DO (±10% for		1					
	VOL. PURGED	DO > 0.5 mg/L	ORP (mV)	nH (+/- 0.1	SPEC. COND. (us/cm) [+/-	TEMP (°C)	TURB. (NTU)	Pump Rate ml/min. (& pump	Water Level
TIME	(gal)	for DO < 0.5 mg/L record	record only	pH units)	5%]	Record only	[≤5 NTU]	setting) (100	(Ft BTOC) ¹
		only						ml/min)	
Initial: 130400	011	7.98	76.7	7,60	341.57	25124	17.90	200 ()	43,51
1300 5	0,25	0,57	011.6	7,13	453.26	21.95	13.1	200	43,86
1314 10	0.5	0.18	31.7	7,13	454.96	22.30	9.18	200	43.86
1319 15	0175	0.15	32,3	7.13	457,38	22.37	7,19	200	43.86
1324 20	1.0	0114	39,5	7,12	455,06	22.87	4,27	200	43.86
1329 25	1.25	0,14	34.5	7,12	453.66	22,28	2,38	200	43,86
1334 30	1.5	0,15	40.9	7,13	453,06	22,61	1.17	200	43,86
1339 35	1,75	0115	42.4	7,13	454,41	21.99	1,28	200	43,86
1345	Caller	7 San	ple						
			/						
	:								
NOTES:					d when 3 consecutive was		surements vary	by 0.3 foot or less	at a pumping
	If well is purged	dry, allow to rec	harge and sai	mple within	24 hrs.				
	Turbidity ≤ 5 N	TUs		**			***************************************		
						· · · · · · · · · · · · · · · · · · ·			
SAMPLE DATE : _	2-16-2	3							
SAMPLE TIME :	1345								
CONTAINER	NO.								

1 L/Poly	2	HNO3 to pH <2	E9315/9320	Radium 226 & 228 Combined
500 mL/Poly	1	Cool to 6°C	SM2540C	TDS
250 mL/Poly	1	Cool to 6°C	EPA 300.0 R2.1	App. III Anions
250 mL/Poly	1	HNO3 to pH <2	SW6010D/SW6020B/S W7470A	App. III & IV Metals
CONTAINER SIZE/TYPE	NO.	PRESERVATIVE	ANALYTICAL METHOD	ANALYSIS

GENERAL INFORMATION							
WEATHER:	COLD-CLOUDY-DRY						
SHIPPED VIA:	FED-X						
SHIPPED TO:		Pkwy, Peachtree Corners, GA 30092 PH: (770) 734-4203 POC: Bonnie 4-977-0968 ext 920968 (Huntersville NC)					
SAMPLER:	EVER GUILLEN	OBSERVER:					

PROJECT NAME: Plant Mitchell, GA - CCR GW

PLANT MITCHELL FIELD SAMPLING REPORT

Project Number: 6122-16-0170.2302

ASH PONDS A, 1 AND 2

WSP USA E&I Solutions, Inc.

1075 BIG SHANTY ROAD NW SUITE 100 KENNESAW GA 30144

PHONE: (770) 421-3400 / FAX: (770) 421-3486

SAMPLING EVEN	T: <u>X</u> 2023 Sei	ni-Annual Even	it 1; 2023	3 Semi-Ann	ual Event 2; O	THER	₹					
WELL ID / SAMPLE ID: MIT-PZ-57-WG-202302						MATRIX: Groundwater						
WELL MATERIAL: X PVC SS OTHER												
SAMPLE METHOD	OED B	adder pu	mp									
	lowf	low	1	WELL DIA	METER:2							
DUP./REP. OF:				DEPTH TO	O WATER: 23.	75	ı	GRAB (x) CO	MPOSITE ()			
	r es	୍ଦ୍ର		TOTAL DEPTH: 73,39								
Pump Intake Set a	t (btoc): 💪 🗴	<u>, 3</u> 7			OLUMN HEIGHT:	<u>-50</u>)./7					
or				PURGE V		L.	<u>-</u>					
Tubing Inlet Set at	:(btoc):				[0.163 x water column height (ft) x 3 (well volumes) for 2" wells] [0.653 x water column height (ft) x 3 (well volumes) for 4" wells]							
				[1.47 x wa	iter column height ((ft) x 3	3 (well volum	es) for 6" well:	s]			
	· ·	DO (1488) 5		T	T	T	*******		I			
		DO (±10% for DO > 0.5 mg/L				-			Pump Rate			
TIME	VOL. PURGED (gal)	for DO < 0.5	ORP (mV) record only	pH (+/- 0.1 pH units)	SPEC. COND. (µs/cn 5%]	n) [+/	٠,	TURB. (NTU)	ml/min. (& pump	Water Level		
	(94.7)	mg/L record	1600ia only	pri units	3/0]	.	Record only	[≤5 NTU]	setting) (100 ml/min)	(Ft BTOC) ¹		
	<u> </u>	only	8 10 2 11	** 1.7	P20 1111		A . / //	2011	**	600 00		
Initial: 1035	0	1.61	126.4	1, 13	539.44		21.64	39.4	200 ()	23,22		
1040	0.25	1.29	1/4	7.06	223.33		21,58	35.8	200	23,59		
1045	0.5	1.51	70.1	7.07	25/.88		1.14	31,2	200	23.59		
1050	0.75	0, 1,	59.4	7.06	551.16		21.14	20,4	200	23.55		
1055	1,0	0.49	584	7.06	549,78		21.82	7.39	200	23.55		
1100	1,25	0.31	53.1	7.06	550.36		21.84	2.66	200	23,55		
//05	1.50	0.30	<u>415.0</u>	7.06	551.68	-	21.13	2.36	200	23,55		
·				ļ								
							www.					
					·			· · · · · · · · · · · · · · · · · · ·				
								1.				

				İ.,								
NOTES:					ed when 3 consecutive		ter level mea	surements vary	by 0.3 foot or less	at a pumping		
					ove the top of the sci	reen.						
	If well is purged		narge and sa	mple within	24 hrs.							
	Turbidity ≤ 5 N	IUS										
CAMPLE DATE :	3 /11 /23											
SAMPLE DATE :	7/16/23									-		
SAMPLE TIME :	1108		<u></u>									
CONTAINER SIZE/TYPE	NO.	PRESE	RVATIVE		ANALYTICAL METH	IOD		AN	ALYSIS			
250 mL/Poly	1		to pH <2		SW6010D/SW6020 W7470A	B/S		App. III	& IV Metals			
250 mL/Poly	1		to 6°C		EPA 300.0 R2.1	1		App. l	III Anions			
500 mL/Poly	1		to 6°C		SM2540C		TDS					
1 L/Poly	2	HNO3	to pH <2		E9315/9320			Radium 226	& 228 Combined			
								-				
									····			
MEATHE	0 11	,		ERAL INFO	KWATION							
WEATHER:	Partly FED-X	Sunny	Temp .	63°F			·					
		ries - 110 Tech	nology Pkysy	Peachtro	Corners, GA 3009	2 DH	(770) 734-45	003 POC+ Bana	- ·			
SHIPPED TO:	Vang:Bonnie.V	ang@pacelabs	.com 704-97	7-0968 ext	920968 (Huntersvill	le NC))					
SAMPLER:	Daniel Howard OBSERVER:											

APPENDIX B CALIBRATION DATA

Date: <u>0,12,4/2,2</u> Time: 0,8,2,5	Wood. Project No.		Pine Sonde ID:	184186	
Prepared By: Daniel Hovard	6122160	770.220	Rine Handset ID: Battery Voltage %:		
Checked By:	• •	•	Dattery Voltage 70.		
CALI	BRATION PRIOR TO) SAMPI ING			
DISSOLVED OXYGEN (DO)	<u> </u>	J JAMII LING	:	VALUE	7
Was DO membrane changed?	Yes No 🖊	Date:	Time:	VALUE	=
Current Air Temperature °C (meter reading):			Tano.	0 × 00	-
Current Barometric Pressure (from Weather				25,73	_
Channel or NOAA.gov, which is corrected to					1
sea level):					
Elevation Corrected Barometric Pressure to	Ex.: 30.02 in. Hg x 25	5.4 = mm Hg; su	btract 2.54 mm Hg for ev	very mbar	-
enter into YSI DO calibration:	100 ft. above sea level	: 565/100 x 2.5	4 = 14.4 mm Hg	1010,9	
Theoretical DO (mg/L) from DO table based				101019	1
on current temperature and elevation corrected					
pressure:					
DO concentration before Calibration (mg/L):	Depending on meter	version, this n	nay not be available.		7
DO concentration after Calibration (mg/L):				7:76	mal
% Recovery (actual/theory x 100)	Range is 90 to 110%				7.3"
DO Charge (DO ch):	Acceptable Range is				
DO Gain (should be between -0.7 and 1.5):	Exit Calibration men	u and go to A	dvanced/Cal Constants	1.047729	1 4/4
Note:		****			10
CONDUCTIVITY [Note: Calibrate before pH to av					1
Calibration standard used (mS/cm)	Lot # 19	150155		11,413	1
Temperature (°C)				1.634	25.
Reading before Calibration (mS/cm)				11.635	1
Reading AFTER Calibration (mS/cm)				1.413	
Conductivity Cell Constant (unitless):				0.992	
Note: Be sure conductivity cell is submerged and free of bubb	les (gently tap sonde on table	e)			4
oH 7.0 value before calibration:]
of 7.0 value after calibration:	Let 21010	066 8	122	7.20	
H 7.0 mV (range is -50 to +50 mV):			25.33	7.00	1
pH 10 value before calibration:			7	1-4:7	
pH 10 value after calibration:	Lot 2108	80189 6	5/22	10.11	
			25.33	10.00	
pH 10 mV (range is -130 to -230 mV): H 4.0 value before calibration:				173.0	
H 4.0 value after calibration:	Lot 214°	10032	1/23	14.13	
H 4.0 mV (range is 130 to 230 mV):			25,33	4.0	
,				169.1	
ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (O	en 165 to 180 mV				
alibration Temperature (°C):	Lot 2114	8143	4/23	228.6	
).231+0.0013(25-T) x	1000 = mV	(T is Temperature °C)	25,37	
eading before calibration (mV):				224.6	
eading after calibration (mV):				228.6	
ote: mV theory will change with temperature,	so calculate based on	your current to	emp.		
JRBIDITY Note: Lens wiper should be parked 180 of	egrees from the optics.				
NTU Turbidity Standard		Before Cal:	After Cal:	10	
NTU Turbidity Standard		Before Cal:	After Cal:		
NTU Turbidity Standard		Before Cal:	After Cal:		
NTU Turbidity Check STD		Before Cal:	After Cal:		
NTU Turbidity Check STD		Before Cal:	After Cal:		
ALIBRATION SUCCESSFUL?				-	

Lamotte Tur bidity meter SN: 6411-1416

Date: 8/25/22	
Time: 0.530	
Prepared By: Daniel	Howard
Checked By:	

Wood. Project No. 61221601770.2202

Pine Sonde ID:	884186
Pine H andset ID:_	
Battery Voltage %:	100

CALIBRATION PRIOR TO SAMPLING DISSOLVED OXYGEN (DO) VALUE Was DO membrane changed? Yes No V Date: Time: Current Air Temperature °C (meter reading): 2356 Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level): Elevation Corrected Barometric Pressure to Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every mbar enter into YSI DO calibration: 100 ft. above sea level: $565/100 \times 2.54 = 14.4 \text{ mm Hg}$ 1008.0 Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure: DO concentration before Calibration (mg/L): Depending on meter version, this may not be available. 8.42 DO concentration after Calibration (mg/L): 8.04 % Recovery (actual/theory x 100) Range is 90 to 110% Recovery 99.26 DO Charge (DO ch): Acceptable Range is 25 to 75 DO Gain (should be between -0.7 and 1.5): Exit Calibration menu and go to Advanced/Cal Constants CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)] Calibration standard used (mS/cm) Lot #19150155 .413 Temperature (°C) Reading before Calibration (mS/cm) Reading AFTER Calibration (mS/cm) ,413 Conductivity Cell Constant (unitless): Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table) pH 7.0 value before calibration: -0+21010066 8122 02 pH 7.0 value after calibration: 23.85 7,00 pH 7.0 mV (range is -50 to +50 mV): -5,5 pH 10 value before calibration: Lot 21080189 6/22 10.06 pH 10 value after calibration: 23,97 10.00 pH 10 mV (range is -130 to -230 mV): 175.7 pH 4.0 value before calibration: Lot 21470032 4.02 pH 4.0 value after calibration: 24.06 4.00 pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be between 165 to 180 mV OXIDATION/REDUCTION POTENTIAL (ORP) Calibration Temperature (°C): Lot 21140143 4/23 Theoretical Calibration standard (mV) $0.231 + 0.0013(25 - T) \times 1000 = mV$ (T is Temperature °C) 2303 Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature, so calculate based on your current temp. TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics. NTU Turbidity Standard Before Cal: After Cal: 10 NTU Turbidity Standard Before Cal: After Cal: NTU Turbidity Standard Before Cal: After Cal: NTU Turbidity Check STD Before Cal: After Cal:

Before Cal:

After Cal:

Lamotte Turbility meter SNIGHII-1416

NTU Turbidity Check STD

CALIBRATION SUCCESSFUL?

Date: <u>9 / 26 / 22</u> Time: 052 0	
Time: 052 0	. 0
Prepared By: Daniel	Howard
Checked By:	

Wood. Project No. 6122160170.2262

Pine Sonde ID:	884186
Pine Handset ID	
Battery Voltage 9	6: 93

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)				VALUE
Was DO membrane changed?	Yes	No Date:	Time:	VALUE
Current Air Temperature °C (meter reading):				12201
Current Barometric Pressure (from Weather				23.76
Channel or NOAA.gov, which is corrected to				į
sea level):	1			ļ
Elevation Corrected Barometric Pressure to	Ex.: 30.02 in.	$Hg \times 25.4 = mm Hg; st$	ibtract 2.54 mm Hg for every	mbar
enter into YSI DO calibration:	100 ft. above s	sea level: 565/100 x 2.5	4 = 14.4 mm Hg	1007.8
Theoretical DO (mg/L) from DO table based		· · · · · · · · · · · · · · · · · · ·		11001.0
on current temperature and elevation corrected	1			
pressure;				1
DO concentration before Calibration (mg/L):	Depending or	n meter version, this i	nay not be available.	8.38
DO concentration after Calibration (mg/L):				7.98
% Recovery (actual/theory x 100)	Range is 90 t	o 110% Recovery		9077
DO Charge (DO ch):	Acceptable R	ange is 25 to 75		
DO Gain (should be between -0.7 and 1.5):	Exit Calibrati	on menu and go to A	dvanced/Cal Constants	1.033428
Note:				11000 27/0
CONDUCTIVITY [Note: Calibrate before pH to a	void carry-over fron	n pH standards (i.e. pH buff	ers are conductive)]	
Calibration standard used (mS/cm)	Lot	19150150	<u> </u>	1,413
Temperature (°C)				23.66
Reading before Calibration (mS/cm)				
Reading AFTER Calibration (mS/cm)				1.413
Conductivity Cell Constant (unitless):				7.00
Note: Be sure conductivity cell is submerged and free of bub	bles (gently tap sone	de on table)		LLLYO
Н				
H 7.0 value before calibration:	L. T	21010066	8/22	7.02
H 7.0 value after calibration:		<u> </u>	23.78	7.00
H 7.0 mV (range is -50 to +50 mV):			(A) () (A)	THE RESERVE OF THE PERSON OF T
pH 10 value before calibration:	1 3 %	21080189	6/22	-6,4
pH 10 value after calibration:		NIO Q DI GI	23.88	10.01
pH 10 mV (range is -130 to -230 mV):			<u> </u>	10.00
H 4.0 value before calibration:	Lot	21470032	म/23	776.1
H 4.0 value after calibration:		214 10032	7/20	4.03
H 4.0 mV (range is 130 to 230 mV):			24.03	4.00
ote: Span between ph 4 and 7, and 7 and 10 should be between	en 165 to 180 mV			165.6
XIDATION/REDUCTION POTENTIAL (C			**************************************	
alibration Temperature (°C):	1 7	211444112	11/2	1711 044
. ,	0.231+0.00130	21140143 25-T) x 1000 = mV	H/23 (T is Temperature °C)	24,24
eading before calibration (mV):	0.231 (0.0015)	23-1) 1 1000 - 111 V	(1 is reimperature C)	230.1
eading after calibration (mV):		· · · · · · · · · · · · · · · · · · ·		230,2
ote: mV theory will change with temperature,	so calculata ba	and on rious assess to		230.
URBIDITY Note: Lens wiper should be parked 180	degrees from the	ontics	emp.	
NTU Turbidity Standard	acgrees a out the			
NTU Turbidity Standard		Before Cal:	- ·-· I	0
NTU Turbidity Standard		Before Cal:		10.9
NTU Turbidity Standard NTU Turbidity Check STD		Before Cal:		0.65
NTU Turbidity Check STD		Before Cal:		
LIBRATION SUCCESSFUL?		Before Cal:	After Cal:	
1. Matte Turk D'+	1 1 1			

Lamotte Turbiditymeter SN: 6411-1416

Date: 8-24-22	
Time: 900	α
Prepared By: EVER	GUILLEN
Checked By:	

Wood. Project No.

Pine Sonde ID:_	877800
Pine Handset IE	D:
Battery Voltage	%:

CALIBRATION PRIOR TO SAMPLING

DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	YesNo_ Uate: Time:	
Current Air Temperature °C (meter reading):	2473	24-64
Current Barometric Pressure (from Weather		
Channel or NOAA.gov, which is corrected to		
sea level):		
Elevation Corrected Barometric Pressure to	Ex.: 30.02 in. Hg x $25.4 = mm$ Hg; subtract 2.54 mm Hg for every	/
enter into YSI DO calibration:	100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg 10 10 6/10	758.01
Theoretical DO (mg/L) from DO table based		
on current temperature and elevation corrected		
pressure:		1
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	6.91
DO concentration after Calibration (mg/L):		7181
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	1,059867
Note:		111001001
CONDUCTIVITY [Note: Calibrate before pH to av	oid carry-over from pH standards (i.e. pH buffers are conductive)]	
Calibration standard used (mS/cm)	LOT# 19410200	4413
Геmperature (°C)		24.37
Reading before Calibration (mS/cm)		1.721
Reading AFTER Calibration (mS/cm)		1.413
Conductivity Cell Constant (unitless):	0.917	1.054867
ote: Be sure conductivity cell is submerged and free of bubb	les (gently tap sonde on table)	A PARTY OF THE PROPERTY OF THE PARTY OF THE
H		
H 7.0 value before calibration:	21380102 4/23	7.27
H 7.0 value after calibration:		7.0
H 7.0 mV (range is -50 to +50 mV):		-4,7
pH 10 value before calibration:	20080056 4/23	10:07
pH 10 value after calibration:		10.0
pH 10 mV (range is -130 to -230 mV):		100
		The second little section is a second
H 4.0 value before calibration:	21470037 4/23	-171.0
H 4.0 value before calibration: H 4.0 value after calibration:	21470032 4/23	-171.0 4,28
	21470032 4/23	-171.0 4.28 4.0
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV):		-171.0 4,28
H 4.0 value after calibration:	en 165 to 180 mV	-171.0 4.28 4.0
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (O	en 165 to 180 mV RP)	-171.0 4.28 4.0 161.0
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (O alibration Temperature (°C):	en 165 to 180 mV RP) 21140143 4/23	-171.0 4,28 4,0 167.0
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (O alibration Temperature (°C):	en 165 to 180 mV RP)	-171.0 4,28 4,0 161.0 26.10 228
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (Oralibration Temperature (°C): neoretical Calibration standard (mV)	en 165 to 180 mV RP) 21149(43 4/23 0.231+0.0013(25-T) x 1000 = mV (T is Temperature °C)	-171.0 4,28 4,0 167.0 26.10 228 225,2
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (O alibration Temperature (°C): neoretical Calibration standard (mV) eading before calibration (mV): cading after calibration (mV):	en 165 to 180 mV RP) 21140143 231+0.0013(25-T) x 1000 = mV (T is Temperature °C)	-171.0 4,28 4,0 161.0 26.10 228
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): hte: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (O alibration Temperature (°C): heoretical Calibration standard (mV) rading before calibration (mV): rading after calibration (mV): hte: mV theory will change with temperature, so	en 165 to 180 mV RP) 21140(43 4/23 0.231+0.0013(25-T) x 1000 = mV (T is Temperature °C) so calculate based on your current temp.	-171.0 4,28 4,0 167.0 26.10 228 225,2
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): te: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (Oralibration Temperature (°C): neoretical Calibration standard (mV) eading before calibration (mV): eading after calibration (mV): te: mV theory will change with temperature, so URBIDITY Note: Lens wiper should be parked 180 of	en 165 to 180 mV RP) 21140(43 4/23 0.231+0.0013(25-T) x 1000 = mV (T is Temperature °C) so calculate based on your current temp. degrees from the optics.	-171.0 4,28 4,0 161.0 26.10 228 225,2 227.6
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (O alibration Temperature (°C): neoretical Calibration standard (mV) reading before calibration (mV): reading after calibration (mV): ote: mV theory will change with temperature, so JRBIDITY Note: Lens wiper should be parked 180 of 10 NTU Turbidity Standard	en 165 to 180 mV RP) 21149143 2231+0.0013(25-T) x 1000 = mV (T is Temperature °C) so calculate based on your current temp. degrees from the optics. Before Cal: -0.19 After Cal:	-171.0 4.28 4.0 161.0 26.10 228 225.2 227.6
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (Oralibration Temperature (°C): concertical Calibration standard (mV) cading before calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading before calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading before calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): concertical Calibration (mV): con	en 165 to 180 mV RP) 2 14 9 4 2 3 2.231+0.0013(25-T) x 1000 = mV (T is Temperature °C) So calculate based on your current temp. Regrees from the optics. Before Cal: -0.19 After Cal: Before Cal: /0.1 After Cal:	-171.0 4,28 4,0 161.0 26.10 228 225,2 227.6
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): te: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (Oralibration Temperature (°C): neoretical Calibration standard (mV) teading before calibration (mV): teading after calibration (mV): teading after calibration (mV): teading after calibration (mV): teading after calibration (mV): tete: mV theory will change with temperature, so IRBIDITY Note: Lens wiper should be parked 180 or TONTU Turbidity Standard NTU Turbidity Standard NTU Turbidity Standard	en 165 to 180 mV RP) 21140143 223 2231+0.0013(25-T) x 1000 = mV (T is Temperature °C) So calculate based on your current temp. Regrees from the optics. Before Cal: -0.19 After Cal: Before Cal: After Cal: Before Cal: After Cal:	-171.0 4.28 4.0 161.0 26.10 228 225.2 227.6
H 4.0 value after calibration: H 4.0 mV (range is 130 to 230 mV): ote: Span between ph 4 and 7, and 7 and 10 should be between XIDATION/REDUCTION POTENTIAL (Oralibration Temperature (°C): concertical Calibration standard (mV) cading before calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading before calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading before calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): concertical Calibration (mV): cading after calibration (mV): concertical Calibration (mV): con	en 165 to 180 mV RP) 2 14 9 4 2 3 2.231+0.0013(25-T) x 1000 = mV (T is Temperature °C) So calculate based on your current temp. Regrees from the optics. Before Cal: -0.19 After Cal: Before Cal: /0.1 After Cal:	-171.0 4.28 4.0 161.0 26.10 228 225.2 227.6

Date:_	8-25-22	
Time:_	815	
Prepare	ed By: EVER GUILLEN	
Checke	ed By:	

Wood. Project No.

Pine Sonde ID:
Pine Handset ID: 877800
Battery Voltage %:____

CALIBRATION	PRIOR	TO	SAMPLING

DISSOLVED OXYGEN (DO)		VALU
Was DO membrane changed?	Yes No Date: Time:	
Current Air Temperature °C (meter reading):		29.6
Current Barometric Pressure (from Weather		
Channel or NOAA.gov, which is corrected to		
sea level):		
Elevation Corrected Barometric Pressure to	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every	Organism Street and
enter into YSI DO calibration:	100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg 1011.9 mB	758.
Theoretical DO (mg/L) from DO table based		terrer Dimensional Security
on current temperature and elevation corrected		
pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.3
DO concentration after Calibration (mg/L):		7,9
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	1.050
Note:		
CONDUCTIVITY [Note: Calibrate before pH to av	oid carry-over from pH standards (i.e. pH buffers are conductive)]	
Calibration standard used (mS/cm)		1.413
Γemperature (°C)		25,0
Reading before Calibration (mS/cm)		1.49
Reading AFTER Calibration (mS/cm)		1.413
Conductivity Cell Constant (unitless):		THE REAL PROPERTY.
Note: Be sure conductivity cell is submerged and free of bubb	les (gently tap sonde on table)	0.86
H		·
H 7.0 value before calibration:		7,06
H 7.0 value after calibration:		
H 7.0 mV (range is -50 to +50 mV):		7,0
pH 10 value before calibration:	و المراقب الم	<u> </u>
pH 10 value after calibration:		10,0
pH 10 mV (range is -130 to -230 mV):		10.0
H 4.0 value before calibration:	Noted all product at passed by bassed by bassed and passed by bassed by passed by bass	- 174,0
H 4.0 value after calibration:		4107
H 4.0 mV (range is 130 to 230 mV):		4.0
ote: Span between ph 4 and 7, and 7 and 10 should be between	en 165 to 180 mV	163,6
XIDATION/REDUCTION POTENTIAL (O	RP)	
alibration Temperature (°C):		
	1 / (1±0 001 3/75 1) v 1000 = (7 / T = T	25.48
eading before calibration (mV):		228
eading after calibration (mV):		2773
		228.5
ote: mV theory will change with temperature,	so calculate based on your current temp.	
	negrees from the optics.	
URBIDITY Note: Lens wiper should be parked 180		
NTU Turbidity Standard	Before Cal: After Cal:	0,0
ルNTU Turbidity Standard カルNTU Turbidity Standard	Before Cal: After Cal:	-
10 NTU Turbidity Standard 2.0 NTU Turbidity Standard NTU Turbidity Standard	TO C C I	9,92
ルNTU Turbidity Standard カルNTU Turbidity Standard	Before Cal: After Cal:	يندون بالمناوات بعالا

Date: 8-	26 - ZZ	
Time: 83		_
Prepared By	EVER	GUILLEN
Checked By		

Wood. Project No.

CALIBRATION	PRIOR '	TO SA	MPLING

DISSOLVED OXYGEN (DO)		VALUI
Was DO membrane changed?	Yes No Date: Time:	
Current Air Temperature °C (meter reading):		22.7
Current Barometric Pressure (from Weather		
Channel or NOAA.gov, which is corrected to		
sea level):		
Elevation Corrected Barometric Pressure to	Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for ever	/
enter into YSI DO calibration: Theoretical DO (mg/L) from DO table based	100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg 10 11.1 MB	758.3
on current temperature and elevation corrected		
pressure: DO concentration before Calibration (mg/L):		
DO concentration after Calibration (mg/L):	Depending on meter version, this may not be available.	8.76
		8,39
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	1,03126
Note:		
COMPUCATIVITY [Note: Calibrate before pH to av	oid carry-over from pH standards (i.e. pH buffers are conductive)]	
Calibration standard used (mS/cm)		1.413
Temperature (°C)		23,6
Reading before Calibration (mS/cm)		1.312
Reading AFTER Calibration (mS/cm)		1,413
Conductivity Cell Constant (unitless):		0,91
Note: Be sure conductivity cell is submerged and free of bubb		
oH		
oH 7.0 value before calibration:		7.0
H 7.0 value after calibration:		7,0
H 7.0 mV (range is -50 to +50 mV):		-7.6
pH 10 value before calibration:		10.04
pH 10 value after calibration:		10.0
pH 10 mV (range is -130 to -230 mV):		-1754
H 4.0 value before calibration:		3,99
H 4.0 value after calibration:		4,0
H 4.0 mV (range is 130 to 230 mV):		162.8
ote: Span between ph 4 and 7, and 7 and 10 should be betwe		
XIDATION/REDUCTION POTENTIAL (O	RP)	
alibration Temperature (°C):		23.79
heoretical Calibration standard (mV)	$0.231+0.0013(25-T) \times 1000 = mV$ (T is Temperature °C)	2281
eading before calibration (mV):		231.2
eading after calibration (mV):		230.7
ote: mV theory will change with temperature,	so calculate based on your current temp.	C164 (
URBIDITY Note: Lens wiper should be parked 180	degrees from the optics.	
NTU Turbidity Standard	Before Cal:019 After Cal:	0,0
၈၀ NTU Turbidity Standard	Before Cal: After Cal:	THE RESIDENCE IN COLUMN 2 IN COLUMN 2 IN COLUMN 2
NTU Turbidity Standard	Before Cal: After Cal:	9,93
NTU Turbidity Check STD	Before Cal: After Cal:	
NTU Turbidity Check STD	Before Cal: After Cal:	

Project: PLANT MIRCHELL
Date: 10-11-22
Time:
Sampler: EVER GUILLEN

Wood Environment and Infrastructure

Sonde ID:	88	396	5
Handset ID:			
Battery Voltage	%:_	100	

YSI CALIBRATION PRIOR TO SAMPLING DISSOLVED OXYGEN (DO) VALUE Was DO membrane changed? Yes No U Date: Time: Current Air Temperature °C (meter reading): 18,56 Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level): Elevation Corrected Barometric Pressure to Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every enter into YSI DO calibration: 100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg/, 018,108 Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected DO concentration before Calibration (mg/L): Depending on meter version, this may not be available. 9,08 DO concentration after Calibration (mg/L): 8,07 % Recovery (actual/theory x 100) Range is 90 to 110% Recovery DO Charge (DO ch): Acceptable Range is 25 to 75 DO Gain (should be between -0.7 and 1.5); Exit Calibration menu and go to Advanced/Cal Constants Note: Reference elevation for the Fairfield, AL site is 565 ft. CONDUCTIVITY [Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)] Calibration standard used (mS/cm) LOT# 21500094 EXP. 1,413 Temperature (°C) 18.37 Reading before Calibration (mS/cm) 1.203 Reading AFTER Calibration (mS/cm) 1.287 Conductivity Cell Constant (unitless): 0,917 Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table) pН pH 7.0 value before calibration: 4/23 21380102 7,06 pH 7.0 value after calibration: pH 7.0 mV (range is -50 to +50 mV): 1.0 pH 10 value before calibration: 20080056 10.48 pH 10 value after calibration: 10.0 pH 10 mV (range is -130 to -230 mV): -162,1 pH 4.0 value before calibration: 2147 0032 4/23 4,08 pH 4.0 value after calibration: 4,0 pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be between 165 to 180 mV 172.1 OXIDATION/REDUCTION POTENTIAL (ORP) Calibration Temperature (°C): 21140143 4/23 Theoretical Calibration standard (mV) $0.231 + 0.0013(25 - T) \times 1000 = mV$ 19.53 (T is Temperature °C) Reading before calibration (mV): 228.0 Reading after calibration (mV): 236,2 Note: mV theory will change with temperature, so calculate based on your current YSI temp. 229,2 TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics. 0 NTU Turbidity Standard Before Cal: 1,1 After Cal: 10 100 NTU Turbidity Standard 0.1 Before Cal: 10.9 After Cal: 10.1 YSI CALIBRATION SUCCESSFUL? 2.2. 792

YES

Date: <u>X/14</u>	123	
Time: 0.5 4	0	11 A
Prepared By:	Daniel	Howard
Checked By:		

Sonde ID: <u>850724</u>
Handset ID: <u>850724</u>
Battery Voltage %: <u>90</u>

	BRATION PRIC	OR TO S	AMPLING				_
DISSOLVED OXYGEN (DO)				(Republikan	WEST TRANSPORT	VALUE	
Was DO membrane changed?	YesN	0 1	Date:	Time:_			
Current Air Temperature °C (meter reading):						22,44	
Current Barometric Pressure (from Weather							
Channel or NOAA.gov, which is corrected to							
sea level):							
Elevation Corrected Barometric Pressure to					mm Hg for every	mbar	
enter into YSI DO calibration:	100 ft. above sea	a level: 5	65/100 x 2.5	4 = 14.4 mm	n Hg	1,009,3	
Theoretical DO (mg/L) from DO table based on							
current temperature and elevation corrected							
pressure:							
DO concentration before Calibration (mg/L):	Depending on	meter ve	rsion, this r	nay not be	available.	8~59	
DO concentration after Calibration (mg/L):						7.89	
% Recovery (actual/theory x 100)	Range is 90 to					99,41	
DO Charge (DO ch):	Acceptable Ra						
DO Gain (should be between -0.7 and 1.5):	Exit Calibratio	n menu a	nd go to A	dvanced/C	al Constants	1.094056	Slope
Note:							
CONDUCTIVITY Note: Calibrate before pH to a		***************************************		ouffers are cor	nductive)]	fille lights	
Calibration standard used (mS/cm)	Lot	21500	094			1.413	-
Temperature (°C)						22.00	
Reading before Calibration (mS/cm)						1.7127	
Reading AFTER Calibration (mS/cm)						1.413	
Conductivity Cell Constant (unitless):						6.979	
Note: Be sure conductivity cell is submerged and free of bu							
pH					1999 - 1999 - 1999		chec
pH 7.0 value before calibration:	Lat	221	6893	11/2	3	7.14	7.08
pH 7.0 value after calibration:				•	22.08°C	7.02	
pH 7.0 mV (range is -50 to +50 mV):						-6.9	
pH 10 value before calibration:	Lot	2132	0202	72/2	3	16,41	
pH 10 value after calibration:			•		22.36°C	10.05	
pH 10 mV (range is -130 to -230 mV):						7763	
pH 4.0 value before calibration:	Lot	2 2 2	50153	11723		4.12	
pH 4.0 value after calibration:					22,26°C	4,00	
pH 4.0 mV (range is 130 to 230 mV):						166.5	
Note: Span between ph 4 and 7, and 7 and 10 should be be		ıV			,,		
OXIDATION/REDUCTION POTENTIAL (C	ORP)					7,75,72,767,52	
Calibration Temperature (°C):	Lot	- 213	70144	11/2	7	2234	
Theoretical Calibration standard (mV)	0.231+0.0013(25-T) x	000 = mV	(T is Tei	mperature °C)	732.6	
Reading before calibration (mV):				······································		218.0	
Reading after calibration (mV):				,		232.6	
Note: mV theory will change with temperature,	so calculate bas	sed on yo	ur current t	temp.			
TURBIDITY Note: Lens wiper should be parked 18	0 degrees from th	e optics.		Notice and a		And Total Ass.	
20 NTU Turbidity Standard Lot 12231			Before Ca	al:	After Cal:	19.8	
100 NTU Turbidity Standard Lot 19239	12/23		Before Ca	al:	After Cal:	101	
800 NTU Turbidity Standard Lot A 2231	12/23		Before Ca	al:	After Cal:	807	
10 NTU Turbidity Check STD L of A226	4 1/24		Before Ca	al:	After Cal:	10.2	
NTU Turbidity Check STD	,		Before Ca	al:	After Cal:		
CALIBRATION SUCCESSFUL?	166712 314474	413041.542			See met Care	istoriosi/arias	

Date: 2 /	115/23	
Time:	053 <u>5</u>	۸. ۸
Prepared E	By: Daniel	Howard
Checked	Rv.	

Sonde ID: <u>850724</u>
Handset ID: <u>850724</u>
Battery Voltage %: <u>79</u>

DISSOLVED OXYGEN (DO)	A CONTRACTOR	eraijavitik	1002-46 (1002-55), SASA	«VALUE	
Was DO membrane changed?	YesN	Date:	Time:		
Current Air Temperature °C (meter reading):				22.86	
Current Barometric Pressure (from Weather					
Channel or NOAA.gov, which is corrected to					
sea level):					
Elevation Corrected Barometric Pressure to			otract 2.54 mm Hg for every		
enter into YSI DO calibration:	100 ft. above sea	level: 565/100 x 2.54	l = 14.4 mm Hg	1011.6	1
Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected					ļ
pressure:					l
DO concentration before Calibration (mg/L):	Donanding on	noton voncion this m	over not be available		
DO concentration after Calibration (mg/L):	Depending on I	neter version, this if	ay not be available.	8,52	
% Recovery (actual/theory x 100)	Pango is 00 to	110% Recovery		7.79	1
DO Charge (DO ch):	Acceptable Rai			99,20	
DO Gain (should be between -0.7 and 1.5):			lvanced/Cal Constants	1 10 11 11	
Note:	Exit Calibration	i menu and go to At	ivanced/Cai Constants	1.101567	3 lup
CONDUCTIVITY Note: Calibrate before pH to av	oldicáriý over fron	nH standards (i e nH h	iffers are conductive)		
Calibration standard used (mS/cm)				11.41.3	l
Temperature (°C)	<u> </u>	2 150009 4			
Reading before Calibration (mS/cm)			, , , , , , , , , , , , , , , , , , , ,	22.73	
Reading AFTER Calibration (mS/cm)	·		· · · · · · · · · · · · · · · · · · ·	1.4071	
Conductivity Cell Constant (unitless):				0.983	ł
Note: Be sure conductivity cell is submerged and free of bu	bbles (gently tan so	nde on table)		10.703	j
pH					e h
pH 7.0 value before calibration:				CONTRACTOR SPACES AND PARTIES AND AND AND AND AND AND AND AND AND AND	1 6.4
		. 4 2 1 6 26 9 4	11/22	1700	160
pH 7.0 value after calibration:	-01	2216893	11/23	7.08	6.0
pH 7.0 value after calibration: pH 7.0 mV (range is -50 to +50 mV):		2216893	11/23 22.66°C	7.00	6.0
pH 7.0 mV (range is -50 to +50 mV):			22.66°C	7.00	6.9
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration:		21320202	22.66°C	7.00	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration:			22.66°C	7.00 -10.3 10.11 10.06	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration:	To F	21320202	22.66°C 12/23 22.66°C	7.00 -10.3 10.77 10.06 -179.6	. · ·
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration: pH 10 mV (range is -130 to -230 mV):	To F		22.66°C 12/23 22.66°C	7.00 -10.3 10.11 10.06	6.°
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration:	To F	21320202	22.66°C 12/23 22.66°C	7.00 ~10.3 10.11 10.06 ~179.6 ~1.06 ~1.00	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet	Lot ween 165 to 180 m	21320202 22250153	22.66°C 12/23 22.66°C	7.00 -10.3 10.11 10.06 -179.6 4.66	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV):	Lot ween 165 to 180 m	21320202 22250153	22.66°C 12/23 22.66°C	7.00 ~10.3 10.11 10.06 ~179.6 ~1.06 ~1.00	6.9
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet	Lot ween 165 to 180 m	21320202 23250153 v	22.66°C 12/23 22.66°C 11/23 22.74°C	7.00 ~10.3 10.11 10.06 ~179.6 ~1.06 ~1.00 163.3	6.9
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL; (C	Lot ween 165 to 180 m ORP)	21320202 22250153	22.66°C 12/23 22.66°C	7.00 7.0.3 10,11 10.06 -179.6 4.06 4.00 163.3	6.9
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL; (C	Lot ween 165 to 180 m ORP)	21320202 - 22250153 v - 21390144	22.66°C 12/23 22.66°C 11/23 22.74°C	7.00 7.03 70,77 10.06 7.06 4.06 4.00 163.3 22.74 232.0	6.9
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value before calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL: (Calibration Temperature (°C): Theoretical Calibration standard (mV)	Lot ween 165 to 180 m ORP)	21320202 - 22250153 v - 21390144	22.66°C 12/23 22.66°C 11/23 22.74°C	7.00 7.03 70,77 10.06 7.79,6 4.06 4.05 163.3 22.74 232.0 229.7	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL. (Calibration Temperature (°C): Theoretical Calibration standard (mV) Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature,	ween 165 to 180 m ORP) Lot 0.231+0.0013(2) so calculate bas	213202 02 22250153 v 21390144 25-T) x 1000 = mV	22.66°C 12/23 22.66°C 11/23 22.74°C 11/23 (T is Temperature °C)	7.00 7.03 70,77 10.06 7.06 4.06 4.00 163.3 22.74 232.0	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value before calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL: (Calibration Temperature (°C): Theoretical Calibration standard (mV) Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature, TURBIDITY: Note: Lens wiper should be parked 18	ween 165 to 180 m ORP) Lot 0.231+0.0013(2) so calculate bas	213202 02 22250153 v 21390144 25-T) x 1000 = mV	22.66°C 12/23 22.66°C 11/23 22.74°C 11/23 (T is Temperature °C)	7.00 7.03 70,77 10.06 7.79,6 4.06 4.05 163.3 22.74 232.0 229.7	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL (C Calibration Temperature (°C): Theoretical Calibration standard (mV) Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature, TURBIDITY Note: Lens wiper should be parked 18	ween 165 to 180 m ORP) 0.231+0.0013(2) so calculate bas 0 degrees from the	213202 02 22250153 v 21390144 25-T) x 1000 = mV	22.66°C 12/23 22.66°C 11/23 22.74°C 11/23 (T is Temperature °C)	7.00 ~10.3 10.11 10.06 ~179.6 4.06 4.00 163.3 22.74 232.0 229.7 232.0	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 value after calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL (Calibration Temperature (°C): Theoretical Calibration standard (mV) Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature, TURBIDITY Note: Lens wiper should be parked 18: 20 NTU Turbidity Standard Lot A 223	ween 165 to 180 m ORP) Lot 0.231+0.0013(2) so calculate bas 0 degrees from the	213202 02 22250153 v 21390144 25-T) x 1000 = mV	22.66°C 12/23 22.66°C 11/23 22.74°C 11/23 (T is Temperature °C) emp. After Cal:	7.00 710.3 10.11 10.06 -179.6 4.06 4.00 163.3 22.74 232.0 229.7 232.0	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL (Calibration Temperature (°C): Theoretical Calibration standard (mV) Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature, TURBIDITY Note; Lens wiper should be parked 18 20 NTU Turbidity Standard 30 NTU Turbidity Standard 30 NTU Turbidity Standard 30 NTU Turbidity Standard	ween 165 to 180 m ORP) Lot 0.231+0.0013(2) so calculate bas 0 degrees from the 1 12/23 12/23 11/23	213202 02 213202 02 v 21320153 v 21390144 25-T) x 1000 = mV ed on your current to optics.	22.66°C 11/23 22.66°C 11/23 22.74°C 11/23 (T is Temperature °C) emp. l: After Cal: After Cal:	7.00 7.00 7.0.3 10,11 10.06 7.06 4.06 4.00 163,3 223,74 232.0 229.7 232.0	6.0
pH 7.0 mV (range is -50 to +50 mV): pH 10 value before calibration: pH 10 walue after calibration: pH 10 mV (range is -130 to -230 mV): pH 4.0 value before calibration: pH 4.0 value after calibration: pH 4.0 mV (range is 130 to 230 mV): Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL (Calibration Temperature (°C): Theoretical Calibration standard (mV) Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature, TURBIDITY Note: Lens wiper should be parked 18: 2 NTU Turbidity Standard Lot A 223 100 NTU Turbidity Standard	ween 165 to 180 m ORP) Lot 0.231+0.0013(2) so calculate bas 0 degrees from the 1 12/23 12/23 11/23	213202 02 22302 02 22302 02 23202	22.66°C 12/23 22.66°C 11/23 22.74°C 11/23 (T is Temperature °C) emp. l: After Cal:	7.00 7.03 10,11 10.06 719,6 4.06 4.00 163,3 22,74 232,0 229,7 232.0	6.

Date: 2/16/23	
Time: 0515	
Prepared By: Daniel	Doward
Checked By:	

Sonde ID: <u>\$50724</u>

Handset ID: <u>**\$50724**</u>

Battery Voltage %: <u>**99**</u>

Agua Troll 400 VALUE CALIBRATION PRIOR TO SAMPLING DISSOLVED OXYGEN (DO) Transcore Statement (Inc. Mary 1967) (1964) 4-44-5. Was DO membrane changed? Yes No v Date: Current Air Temperature °C (meter reading): 23.68 Current Barometric Pressure (from Weather Channel or NOAA.gov, which is corrected to sea level): Elevation Corrected Barometric Pressure to Ex.: 30.02 in. Hg x 25.4 = mm Hg; subtract 2.54 mm Hg for every 101012 enter into YSI DO calibration: 100 ft. above sea level: $565/100 \times 2.54 = 14.4 \text{ mm Hg}$ mbar Theoretical DO (mg/L) from DO table based on current temperature and elevation corrected pressure: DO concentration before Calibration (mg/L): Depending on meter version, this may not be available. DO concentration after Calibration (mg/L): 7.76 % Recovery (actual/theory x 100) Range is 90 to 110% Recovery 101.15 DO Charge (DO ch): Acceptable Range is 25 to 75 DO Gain (should be between -0.7 and 1.5): Exit Calibration menu and go to Advanced/Cal Constants .088495 slope CONDUCTIVITY Note: Calibrate before pH to avoid carry-over from pH standards (i.e. pH buffers are conductive)] Calibration standard used (mS/cm) 413 Lot 21500094 Temperature (°C) 23.64 Reading before Calibration (mS/cm) .4020 Reading AFTER Calibration (mS/cm) Conductivity Cell Constant (unitless): 0.99 Note: Be sure conductivity cell is submerged and free of bubbles (gently tap sonde on table) pH pH 7.0 value before calibration: 6,98 Lot 2216897 pH 7.0 value after calibration: 7,00 pH $7.0 \,\mathrm{mV}$ (range is $-50 \,\mathrm{to} + 50 \,\mathrm{mV}$): 9,0 pH 10 value before calibration: Lot 21320202 9.99 pH 10 value after calibration: 10,00 pH 10 mV (range is -130 to -230 mV): 17935 pH 4.0 value before calibration: Lot 22250153 3.99 pH 4.0 value after calibration: 23360 4.00 pH 4.0 mV (range is 130 to 230 mV): 164.5 Note: Span between ph 4 and 7, and 7 and 10 should be between 165 to 180 mV OXIDATION/REDUCTION POTENTIAL (ORP) Calibration Temperature (°C): Lot 21390144 Theoretical Calibration standard (mV) $0.231+0.0013(25-T) \times 1000 = mV$ (T is Temperature °C) Reading before calibration (mV): Reading after calibration (mV): Note: mV theory will change with temperature, so calculate based on your current temp. TURBIDITY Note: Lens wiper should be parked 180 degrees from the optics. 2 ONTU Turbidity Standard Lot A2231 12/23 Before Cal: After Cal: 100 NTU Turbidity Standard Lo+ A 2 239 12/23 Before Cal: After Cal: NTU Turbidity Standard Lo+ 1223! 12/23 Before Cal: After Cal: 797 10 NTU Turbidity Check STD Lot A2264 1/24 Before Cal: After Cal: NTU Turbidity Check STD Before Cal: After Cal: CALIBRATION SUCCESSFUL? Astro Sep

Time: 0630	Date: 2-	14-22	
	Time: D	630	<u></u>
Prepared By: EVER GUILLEN	Prepared B	Y: EVER	GUILLEN
Checked By:	Checked E	By:	

Sonde ID: 966 090
Handset ID:
Battery Voltage %:

CALIF	BRATION PRIOR TO SAMPLING	
DISSOLVED OXYGEN (DO)		VALUE
Was DO membrane changed?	Yes No Date: Time:	
Current Air Temperature °C (meter reading):		22.33
Current Barometric Pressure (from Weather		
Channel or NOAA.gov, which is corrected to		
sea level):		
Elevation Corrected Barometric Pressure to	Ex.: 30.02 in. Hg x $25.4 = mm$ Hg; subtract 2.54 mm Hg for every	
enter into YSI DO calibration:	100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg 1010.4 KB	
Theoretical DO (mg/L) from DO table based on		
current temperature and elevation corrected		
pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	8.39
DO concentration after Calibration (mg/L):		7,62
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	
DO Charge (DO ch):	Acceptable Range is 25 to 75	
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	
Note:		<u></u>
CONDUCTIVITY Note: Calibrate before pH to av	old carry-over from pH standards (i.e. pH buffers are conductive)]	
Calibration standard used (mS/cm)	4.419 4.476	
Temperature (°C)	21.80	
Reading before Calibration (mS/cm)	4/10	<u> </u>
Reading AFTER Calibration (mS/cm)	4,479	
Conductivity Cell Constant (unitless):	1,075	
Note: Be sure conductivity cell is submerged and free of bu		
	Gora, up some on many	reberto Servico (E.
pH 7.0 value before calibration:		7,01
pH 7.0 value after calibration:		7,0
pH 7.0 mV (range is -50 to +50 mV):		~ Z.&
pH 10 value before calibration:		~ 2.18
pH 10 value after calibration:	· · · · · · · · · · · · · · · · · · ·	
pH 10 mV (range is -130 to -230 mV):		
pH 4.0 value before calibration:		10 10 66
pH 4.0 value after calibration:		4.04
pH 4.0 mV (range is 130 to 230 mV):		4,0
	165 100 17	16918
Note: Span between ph 4 and 7, and 7 and 10 should be bet OXIDATION/REDUCTION POTENTIAL (C		
Calibration Temperature (°C):	/ W //	71/15
- · · · · · · · · · · · · · · · · · · ·	$0.231+0.0013(25-T) \times 1000 = mV$ (T is Temperature °C)	21.45
	$0.231+0.0013(25-T) \times 1000 = mV$ (T is Temperature °C)	228
Reading before calibration (mV):		223.3
Reading after calibration (mV):		237.6
Note: mV theory will change with temperature, TURBIDITY Note: Lens wiper should be parked 18	so calculate based on your current temp.	do e-sedi. Source a Sec.
28240275 2000 2000 2000 2000 2000 2000 2000		
NTU Turbidity Standard	Before Cal: After Cal:	10.2
NTU Turbidity Standard	Before Cal: After Cal:	19.9
NTU Turbidity Standard	Before Cal: After Cal:	99.8
800 NTU Turbidity Check STD	Before Cal: After Cal:	742
NTU Turbidity Check STD	Before Cal: After Cal:	10,0
CALIBRATION SUCCESSFUL?		Mark Straken

Date:_	2-15.	· <i>Z3</i>	
Time:_	830		<i>^</i>
Prepare	ed By:	EVEF	GUICLER
Check	ed By:		

Sonde ID: <u>9</u> 6	0090
Handset ID:	11R55
Battery Voltage %:_	100

DISSOLVED OXYGEN (DO)	MERSON SWIFTEN STATE OF THE STA	VALUE
Was DO membrane changed?	Yes No_ in Date: Time:	
Current Air Temperature °C (meter reading):		14.73
Current Barometric Pressure (from Weather		
Channel or NOAA.gov, which is corrected to		
sea level):		
Elevation Corrected Barometric Pressure to	Ex.: 30.02 in. Hg x $25.4 = mm$ Hg; subtract 2.54 mm Hg for every	
enter into YSI DO calibration:	100 ft. above sea level: 565/100 x 2.54 = 14.4 mm Hg 1016, BMB	
Theoretical DO (mg/L) from DO table based or		
current temperature and elevation corrected		
pressure:		
DO concentration before Calibration (mg/L):	Depending on meter version, this may not be available.	10,15
DO concentration after Calibration (mg/L):		DO 8,99
% Recovery (actual/theory x 100)	Range is 90 to 110% Recovery	-
DO Charge (DO ch):	Acceptable Range is 25 to 75	a#A
DO Gain (should be between -0.7 and 1.5):	Exit Calibration menu and go to Advanced/Cal Constants	
Note:		
	word carry-over from pH standards (i.e. pH buffers are conductive)]	
Calibration standard used (mS/cm)		1.413
Геmperature (°C)		16,00
Reading before Calibration (mS/cm)		1,600
Reading AFTER Calibration (mS/cm)		11413
Conductivity Cell Constant (unitless):		0.948
Note: Be sure conductivity cell is submerged and free of b		
pH)	2000年1月1日 - 1900年1月1日 - 1900年1月1日 - 1900年1月1日 - 1900年1月1日 - 1900年1月1日 - 1900年1月1日 - 1900年1月1日 - 1900年1月1日 - 19	
oH 7.0 value before calibration:	18,20	7,0
pH 7.0 value after calibration:		7,08
oH 7.0 mV (range is -50 to +50 mV):		-6.4
pH 10 value before calibration:	20,11	10,11
pH 10 value after calibration:		10,0
pH 10 mV (range is -130 to -230 mV):		-176.8
oH 4.0 value before calibration:	20,42	4,07
oH 4.0 value after calibration:		410
oH 4.0 mV (range is 130 to 230 mV):		165,0
Note: Span between ph 4 and 7, and 7 and 10 should be be	etween 165 to 180 mV	
	ORP)	
Calibration Temperature (°C):		20,66
Theoretical Calibration standard (mV)	$0.231+0.0013(25-T) \times 1000 = mV$ (T is Temperature °C)	228
Reading before calibration (mV):		232.6
Reading after calibration (mV):		234.8
Note: mV theory will change with temperature,	so calculate based on your current temp.	
URBIDITY Note: Lens wiper should be parked 1	80 degrees from the optics.	4.41
10 NTU Turbidity Standard	Before Cal: 10.4 After Cal:	18.0
NTU Turbidity Standard	Before Cal: After Cal:	20,1
NTU Turbidity Standard	Before Cal: After Cal:	101
NTU Turbidity Check STD	Before Cal: After Cal:	786
p		16.4
NTU Turbidity Check STD	Before Cal: After Cal:	

Date: 2-16-23
Time: 900
Prepared By: EVER GUILLEN
Checked By:

Sonde ID: 966090	
Handset ID: <u>Ags-5</u>	_
Battery Voltage %: 100	

		N PRIOR TO				WALTIF
Was DO membrane changed?	Yes	No C	Date:	Time:		A WALL DESTRICT
Current Air Temperature °C (meter reading):	T				18,60	19713
Current Barometric Pressure (from Weather	 				10100	TIELD
Channel or NOAA.gov, which is corrected to						ł
sea level):						
Elevation Corrected Barometric Pressure to	Ex.: 30.0	02 in. Hg x 25.4	1 = mm Hg; su	ıbtract 2.54 m	m Hg for every	
enter into YSI DO calibration:	100 ft. at	ove sea level:	565/100 x 2.5	4 = 14.4 mm H	Ig 1015, ZINR	
Theoretical DO (mg/L) from DO table based on				,	1-101-10	
current temperature and elevation corrected						
pressure:						l
DO concentration before Calibration (mg/L):	Dependi	ing on meter v	ersion, this r	nay not be av	ailable.	9,26
DO concentration after Calibration (mg/L):						8,49
% Recovery (actual/theory x 100)	Range is	s 90 to 110%	Recovery			-
DO Charge (DO ch):	Accepta	ble Range is 2	25 to 75			-
DO Gain (should be between -0.7 and 1.5):	Exit Cal	ibration menu	and go to A	dvanced/Cal	Constants	_
Note:	<u></u>				*	
CONDUCTIVITY [Note: Calibrate before pH to av	void carry-c	over from pH star	idards (j.e. pH b	uffers are condu	otive)]#5 =/#3.	ng Angeria
Calibration standard used (mS/cm)			······································			1:413
Temperature (°C)					·	17.05
Reading before Calibration (mS/cm)						1,482
Reading AFTER Calibration (mS/cm)						1.413
Conductivity Cell Constant (unitless):	 				•	0.904
Note: Be sure conductivity cell is submerged and free of bu	ıbbles (gent	tly tap sonde on t	able)			
pH						
pH 7.0 value before calibration:					1	6,93
pH 7.0 value after calibration:						7.0
pH 7.0 mV (range is -50 to +50 mV):					****	-5.8
pH 10 value before calibration:	† <i></i> -					9.86
pH 10 value after calibration;					· · · · · · · · · · · · · · · · · · ·	10.0
pH 10 mV (range is -130 to -230 mV):			W. W	****	***	-17510
pH 4.0 value before calibration:	† -					4,03
pH 4.0 value after calibration:				·		4.0
pH 4.0 mV (range is 130 to 230 mV):					· · · · · · · · · · · · · · · · · · ·	161.8
Note: Span between ph 4 and 7, and 7 and 10 should be be	tween 165 t	to 180 mV				1-1.0
OXIDATION/REDUCTION POTENTIAL (Rosella de la companya della companya della companya de la companya de la companya della company	11.30 (2012)	
Calibration Temperature (°C):		<u> </u>				17.62
Theoretical Calibration standard (mV)	0.231+0	.0013(25-T) x	1000 = mV	(T is Temp	erature °C)	228
Reading before calibration (mV):			·			240.7
Reading after calibration (mV):				·		238.7
Note: mV theory will change with temperature,	so calcul	ate based on v	our current	temp.		<u> </u>
TURBIDITY Note: Lens wiper should be parked 18	0 degrees	from the optics.	e Carlot (de la c	Method Sp.		
/o NTU Turbidity Standard		Land Control of the C	Before Ca		After Cal:	10.0
70 NTU Turbidity Standard			Before Ca	,	After Cal:	19,9
NTU Turbidity Standard			Before Ca		After Cal:	99.7
ВРО NTU Turbidity Check STD			Before Ca		After Cal:	
10 NTU Turbidity Check STD			Before Ca		After Cal:	788
CALIBRATION SUCCESSFUL?	is West vision	Sidatavida edil	201010 00		i i i i i i i i i i i i i i i i i i i	YES
。	ter e services	A CONTRACTOR SECTIONS	and the second of the second o	2000年2月1日 日本中国共和国	GROTTEN PROPERTY	A ST. YEAR OF THE

APPENDIX C STATISTICAL ANALYSES

GROUNDWATER STATS CONSULTING

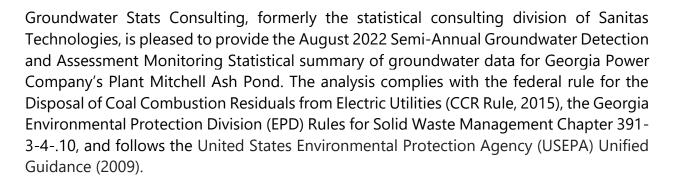
February 28, 2023

Southern Company Services Attn: Mr. Joju Abraham 241 Ralph McGill Blvd NE, Bin 10160 Atlanta, Georgia 30308-3374

Re: Plant Mitchell Ash Pond

August 2022 Semi-Annual Statistical Analysis

Dear Mr. Abraham,



Sampling for the Appendix III parameters began in 2016, 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:

- o **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 was first sampled on January 2022 and has only been sampled twice. Data for this well were plotted on time series and box plots, and formal statistics will be conducted when a minimum of 4 samples are available for Appendix IV constituents and a minimum of 8 samples are available for Appendix III constituents.

During the August 2022 sample event, mercury for well PZ-25 and TDS for wells PZ-2D, PZ-25, and PZ-32 exceeded their hold time and were resampled in October 2022. Per request of WSP, the samples that exceeded their hold time for mercury and TDS were not included in the data base. Resamples were also collected for pH at wells PZ-2D, PZ-25, and PZ-32 and both the August 2022 and October 2022 observations were included in the database.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Kristina Rayner, Senior Statistician and Founder 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. Summaries of well/constituent pairs with 100% non-detects since 2016 for Appendix IV constituents follow this letter.

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

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 transformednormal distribution. When data cannot be normalized or the majority of data are nondetects, 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% nondetects (USEPA Unified Guidance, 2009, Chapter 6).
- When data contain <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 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. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In 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 will 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 outliers identified by Tukey's method, only a few of these values were flagged in the database as 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 decreasing 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.

913.829.1470

<u>Appendix III – Determination of Spatial Variation</u>

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.

Statistical Analysis of Appendix III Parameters – August 2022 Sample Event

All Appendix III parameters were analyzed using interwell prediction limits. Background (upgradient) well data were re-assessed using time series for potential outliers during this analysis. No new values were flagged as outlier and a summary of previously flagged outliers follows this report (Figure C). Values in background which have been flagged as outliers 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 August 2022 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The August 2022 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-15, PZ-16, PZ-18, PZ-19, PZ-25, PZ-33, PZ-7D

Calcium: PZ-18, PZ-19, PZ-23A

• Chloride: PZ-14, PZ-15, PZ-16, PZ-18, PZ-19

pH: PZ-14, PZ-18, PZ-19, PZ-23A

Sulfate: PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and

PZ-7D

• TDS: PZ-15, PZ-17, PZ-18, PZ-19, PZ-23A, and PZ-7D

October 2022 Resample Event

An additional set of interwell prediction limits were constructed using pooled upgradient well data through October 2022 to evaluate the October 2022 resample observations for pH and TDS at downgradient wells PZ-2D, PZ-25, and PZ-32 (Figure E). No exceedances were identified.

<u>Trend Test Evaluation – Appendix III</u>

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure F). 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 natural 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-18, PZ-31 (upgradient), and PZ-32 (upgradient)

Sulfate: PZ-14 and PZ-23A

Decreasing:

Boron: PZ-33 and PZ-7D

• Chloride: PZ-16, PZ-18, PZ-19, and PZ-31 (upgradient)

• Sulfate: PZ-2D (upgradient), PZ-16, PZ-19, PZ-25, PZ-31 (upgradient),

PZ-33, and PZ-7D

TDS PZ-17 and PZ-7D

Statistical Analysis of Appendix IV Parameters – August 2022 Sample & October 2022 Resample Events

For Appendix IV parameters, confidence intervals for each downgradient well/constituent were compared against corresponding Groundwater Protection Standards (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 new values were flagged and a summary of previously flagged outliers follows this report (Figure C).

Interwell Upper Tolerance Limits

First, interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through August 2022 to determine the Alternate Contaminant Level (ACL) for each Appendix IV constituent (Figure G). Parametric limits are constructed when data follow a normal or transformed-normal distribution with a target of 95% confidence and 95% coverage. When data contain greater than 50% non-detects or do not follow a normal or transformed-normal distribution, non-parametric tolerance limits are used.

Groundwater Protection Standards

The background limits were then used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a). On July 30, 2018, US EPA revised the Federal CCR rule updating GWPS for cobalt, lead, lithium, and molybdenum as described above in 40 CFR §257.95(h)(2). Effective on February 22, 2022, Georgia EPD incorporated the updated GWPS into the current Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). In accordance with the updated Rules, the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title
- Where an MCL has not been established for a constituent, Federal and State CCR Rules specify levels for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), and molybdenum (0.100 mg/L)

• The respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule identified GWPS

Following Georgia EPD Rule requirements and the Federal CCR requirements, GWPS were established for statistical comparison of Appendix IV constituents for this sample event (Figure H).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed for each of the Appendix IV constituents using data through August 2022 in accordance with the state requirements in each downgradient well (Figure I). Note that data through October 2022 were used for mercury PZ-25 confidence interval. 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. The Sanitas software was used to calculate the tolerance limits and the confidence intervals. The confidence intervals were compared to the GWPS established using the Georgia 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, 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.

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

Kristina Rayner

Easton Rayner

Groundwater Analyst

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

100% Non-Detects: Appendix IV Downgradient

Analysis Run 11/18/2022 3:22 PM View: Appendix IV - Confidence Intervals Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Antimony (mg/L) PZ-25

Arsenic (mg/L) PZ-16, PZ-18, PZ-7D

Beryllium (mg/L)

PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, PZ-7D

Cadmium (mg/L)

PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-25, PZ-7D

Chromium (mg/L) PZ-15, PZ-17, PZ-25

Cobalt (mg/L) PZ-7D

Lead (mg/L) PZ-14, PZ-17, PZ-25

Lithium (mg/L) PZ-16, PZ-33

Molybdenum (mg/L) PZ-18, PZ-33, PZ-7D

Selenium (mg/L)

PZ-16, PZ-17, PZ-18, PZ-25, PZ-33

Interwell Prediction Limits - Significant Results

	Plant	Mitchell Clie	ent: Southern	Company	Data: Mit	chell Ash F	ond CCR	Printed 11/21/20	22, 10:	41 AM			
Constituent	Well	Upper Lim	. Lower Lim. D	<u>Date</u>	Observ.	Sig. Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	<u>Alpha</u>	Method
Boron (mg/L)	PZ-15	0.02661	n/a 8/	/25/2022	0.21	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02661	n/a 8/	/25/2022	0.24	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02661	n/a 8/	3/25/2022	0.39	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-19	0.02661	n/a 8/	/25/2022	0.58	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02661	n/a 8/	/24/2022	0.19	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02661	n/a 8/	/24/2022	0.32	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-7D	0.02661	n/a 8/	/25/2022	0.2	Yes 64	-4.313	0.3429	9.375	None	In(x)	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-18	109.6	n/a 8/	3/25/2022	141	Yes 63	56.47	26.52	1.587	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-19	109.6	n/a 8/	3/25/2022	156	Yes 63	56.47	26.52	1.587	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	109.6	n/a 8/	3/25/2022	145	Yes 63	56.47	26.52	1.587	None	No	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-14	4.526	n/a 8/	3/25/2022	4.6	Yes 64	1.088	0.2104	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-15	4.526	n/a 8/	3/25/2022	6.4	Yes 64	1.088	0.2104	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-16	4.526	n/a 8/	3/25/2022	6.3	Yes 64	1.088	0.2104	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-18	4.526	n/a 8/	3/25/2022	4.6	Yes 64	1.088	0.2104	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-19	4.526	n/a 8/	3/25/2022	4.6	Yes 64	1.088	0.2104	0	None	In(x)	0.0007523	Param Inter 1 of 2
pH (SU)	PZ-14	9.48	6.96 8/	3/25/2022	6.93	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
pH (SU)	PZ-18	9.48	6.96 8/	3/25/2022	6.76	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
pH (SU)	PZ-19	9.48	6.96 8/	3/25/2022	6.67	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
pH (SU)	PZ-23A	9.48	6.96 8/	3/25/2022	6.76	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-14	6.172	n/a 8/	3/25/2022	10.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	6.172	n/a 8/	3/25/2022	75.5	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	6.172	n/a 8/	3/25/2022	38.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	6.172	n/a 8/	3/25/2022	62.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	6.172	n/a 8/	3/25/2022	96.3	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	6.172	n/a 8/	3/25/2022	84.4	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	6.172	n/a 8/	3/25/2022	45.6	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	6.172	n/a 8/	3/24/2022	35.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	6.172	n/a 8/	3/24/2022	34.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-7D	6.172	n/a 8/	3/25/2022	47.3	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-15	309.4	n/a 8/	3/25/2022	319	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-17	309.4	n/a 8/	3/25/2022	321	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-18	309.4	n/a 8/	3/25/2022	446	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-19	309.4	n/a 8/	3/25/2022	528	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-23A	309.4	n/a 8/	3/25/2022	437	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2

PZ-7D

TDS (mg/L)

309.4 n/a

8/25/2022 325

Yes 62 173.2 67.95 0 None

Interwell Prediction Limits - All Results

Data: Mitchell Ash Pond CCR Client: Southern Company Constituent Well Upper Lim. Lower Lim. Date Sig. Bg N Bg Mean Std. Dev. %NDs ND Adj Transform Method Observ. Boron (mg/L) PZ-14 0.02661 8/25/2022 0.032J No 64 -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 n/a ln(x) 0.0007523 Boron (mg/L) PZ-15 0.02661 n/a 8/25/2022 0.21 Yes 64 -4.313 0.3429 9.375 None In(x) Param Inter 1 of 2 PZ-16 0.02661 8/25/2022 0.24 -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 Boron (ma/L) n/a Yes 64 In(x) n/a Boron (mg/L) P7-17 0.02661 8/25/2022 0.19.1 No 64 -4 313 0.3429 9.375 None In(x) 0.0007523 Param Inter 1 of 2 PZ-18 0.02661 8/25/2022 0.39 Yes 64 -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 Boron (ma/L) n/a In(x) Yes 64 Param Inter 1 of 2 0.02661 8/25/2022 0.58 -4.313 0.3429 9.375 None 0.0007523 Boron (mg/L) PZ-19 n/a In(x) 8/25/2022 0.17J No 64 Boron (mg/L) PZ-23A 0.02661 n/a -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 In(x) Param Inter 1 of 2 Boron (mg/L) PZ-25 0.02661 n/a 8/24/2022 0.19 Yes 64 -4.313 0.3429 9.375 None In(x) 0.0007523 8/24/2022 0.32 Yes 64 -4.313 Boron (mg/L) PZ-33 0.02661 n/a 0.3429 9.375 None In(x) 0.0007523 Param Inter 1 of 2 Boron (mg/L) PZ-7D 0.02661 n/a 8/25/2022 0.2 Yes 64 -4.313 0.3429 9.375 None In(x) 0.0007523 Param Inter 1 of 2 Calcium (mg/L) PZ-14 8/25/2022 108 No 63 56.47 26.52 1.587 None 0.0007523 Param Inter 1 of 2 109.6 n/a Nο PZ-15 109.6 8/25/2022 No 63 56.47 26.52 0.0007523 Param Inter 1 of 2 Calcium (mg/L) n/a 96.7 1.587 None No PZ-16 8/25/2022 No 63 56.47 0.0007523 Calcium (mg/L) 109.6 92 26.52 1.587 None Param Inter 1 of 2 n/a No Calcium (mg/L) PZ-17 109.6 8/25/2022 99.5 No 63 56.47 26.52 1.587 None No 0.0007523 Param Inter 1 of 2 Calcium (mg/L) P7-18 109.6 n/a 8/25/2022 141 Yes 63 56.47 26.52 1.587 None Nο 0.0007523 Param Inter 1 of 2 Calcium (mg/L) 109.6 n/a 8/25/2022 1.587 None No 0.0007523 Param Inter 1 of 2 8/25/2022 145 Calcium (mg/L) P7-23A 109.6 n/a Yes 63 56.47 26.52 1.587 None Nο 0.0007523 Param Inter 1 of 2 Calcium (mg/L) PZ-25 109.6 8/24/2022 No 63 56.47 26.52 1.587 None 0.0007523 Param Inter 1 of 2 n/a No Calcium (mg/L) P7-33 109.6 n/a 8/24/2022 96.5 No 63 56.47 26.52 1.587 None No 0.0007523 Param Inter 1 of 2 Calcium (mg/L) P7-7D 109.6 n/a 8/25/2022 Nο 63 56 47 26.52 1.587 None No 0.0007523 Param Inter 1 of 2 Chloride (mg/L) P7-14 4.526 n/a 8/25/2022 4.6 Yes 64 1.088 0.2104 0 0.0007523 Param Inter 1 of 2 None In(x) 8/25/2022 6.4 Chloride (ma/L) PZ-15 Yes 64 1.088 0.2104 0 0.0007523 Param Inter 1 of 2 4.526 n/a None In(x) 1.088 Chloride (mg/L) PZ-16 4.526 8/25/2022 6.3 Yes 64 0.2104 0 0.0007523 Param Inter 1 of 2 n/a None In(x) 0 PZ-17 8/25/2022 3.9 No 64 1.088 0.0007523 Param Inter 1 of 2 Chloride (mg/L) 4.526 n/a 0.2104 None In(x) Chloride (mg/L) PZ-18 4.526 n/a 8/25/2022 4.6 Yes 64 1.088 0.2104 0 None In(x) 0.0007523 Param Inter 1 of 2 Chloride (ma/L) PZ-19 4.526 n/a 8/25/2022 4.6 Yes 64 1.088 0.2104 0 None In(x) 0.0007523 Param Inter 1 of 2 Chloride (mg/L) P7-23A 4.526 8/25/2022 3.2 No 64 1.088 0 2104 0 ln(x) 0.0007523 Param Inter 1 of 2 n/a 64 0 PZ-25 4.526 8/24/2022 No 1.088 0.2104 0.0007523 Param Inter 1 of 2 Chloride (ma/L) In(x) n/a None PZ-33 4.526 8/24/2022 1.8 64 1.088 0.2104 0 0.0007523 Param Inter 1 of 2 Chloride (mg/L) n/a No In(x) Chloride (ma/L) PZ-7D 8/25/2022 4.1 No 64 1.088 0.2104 0 0.0007523 4.526 n/a None In(x) Param Inter 1 of 2 Fluoride (ma/L) PZ-14 0.29 8/25/2022 0.051J No 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 P7-15 0.29 8/25/2022 0.074.1 Nο 68 47 06 n/a 0.0004111 NP Inter (normality) 1 of 2 Fluoride (ma/L) n/a n/a n/a n/a Fluoride (mg/L) PZ-16 0.29 n/a 8/25/2022 0.058J No 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a Fluoride (ma/L) PZ-17 0.29 8/25/2022 0.078J 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a Nο n/a n/a n/a Fluoride (mg/L) PZ-18 0.29 n/a 8/25/2022 No 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a Fluoride (mg/L) PZ-19 0.29 n/a 8/25/2022 0.086JNo 68 n/a n/a 47.06 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 Fluoride (mg/L) PZ-23A 0.29 n/a 8/25/2022 0.074J No 68 n/a 47.06 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 Fluoride (mg/L) PZ-25 0.29 n/a 8/24/2022 0.15 No 68 n/a n/a 47.06 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 0.29 47.06 n/a Fluoride (mg/L) PZ-33 8/24/2022 0.092J No 68 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a Fluoride (mg/L) PZ-7D 0.29 n/a 8/25/2022 0.056J No 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a pH (SU) PZ-14 9.48 6.96 8/25/2022 6.93 Yes 64 n/a n/a 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 pH (SU) PZ-15 9.48 6.96 8/25/2022 7 15 No 64 n/a n/a 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 pH (SU) PZ-16 9.48 6.96 8/25/2022 No 64 0 n/a 0.0009281 NP Inter (normality) 1 of 2 n/a n/a pH (SU) P7-17 9 48 6.96 8/25/2022 7.05 No 64 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 n/a 8/25/2022 6.76 PZ-18 9.48 6.96 Yes 64 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) n/a n/a n/a n/a Yes 64 PZ-19 9.48 8/25/2022 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) 6.96 6.67 PZ-23A 9.48 8/25/2022 6.76 Yes 64 n/a 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) 6.96 n/a n/a n/a PZ-25 9.48 6.96 8/24/2022 7.1 No 64 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) n/a n/a n/a pH (SU) PZ-33 9.48 6.96 8/24/2022 7.1 No 64 n/a 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 n/a PZ-7D 64 0 pH (SU) 9.48 6.96 8/25/2022 6.98 No 0.0009281 NP Inter (normality) 1 of 2 PZ-14 8/25/2022 10.7 Yes 64 1.633 0 0.0007523 Sulfate (mg/L) 6.172 n/a 0.4252 None sqrt(x) Param Inter 1 of 2 Sulfate (mg/L) PZ-15 6.172 n/a 8/25/2022 Yes 64 1.633 0.4252 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-16 6.172 n/a 8/25/2022 38.7 Yes 64 1.633 0.4252 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-17 6.172 n/a 8/25/2022 Yes 64 1.633 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-18 6.172 n/a 8/25/2022 96.3 Yes 64 1.633 0.4252 n None sqrt(x) 0.0007523 Param Inter 1 of 2

Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 10:41 AM Well %NDs ND Adj. Constituent Upper Lim. Lower Lim. Date Observ. Sig. Bg N Bg Mean Std. Dev. Transform Alpha <u>Method</u> PZ-19 6.172 8/25/2022 84.4 Yes 64 1.633 0.4252 Sulfate (mg/L) n/a None sqrt(x) 0.0007523 Param Inter 1 of 2 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-23A 6.172 8/25/2022 45.6 0.4252 n/a Yes 64 1.633 0 None sqrt(x) Sulfate (mg/L) PZ-25 6.172 n/a 8/24/2022 35.7 Yes 64 1.633 0.4252 0 None 0.0007523 Param Inter 1 of 2 sart(x) Sulfate (mg/L) PZ-33 6.172 n/a 8/24/2022 34.7 Yes 64 1.633 0.4252 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 8/25/2022 47.3 Sulfate (mg/L) PZ-7D 6.172 n/a Yes 64 1.633 0.4252 0 0.0007523 Param Inter 1 of 2 None sqrt(x) 8/25/2022 259 No 62 173.2 TDS (mg/L) PZ-14 309.4 n/a 67.95 0 None No 0.0007523 Param Inter 1 of 2 TDS (mg/L) PZ-15 309.4 8/25/2022 319 Yes 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 n/a None No TDS (mg/L) PZ-16 309.4 8/25/2022 90 No 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 TDS (mg/L) 309.4 n/a 8/25/2022 321 Yes 62 173.2 67.95 0 None 0.0007523 Param Inter 1 of 2 PZ-17 No TDS (mg/L) PZ-18 309.4 8/25/2022 446 Yes 62 173.2 67.95 0.0007523 Param Inter 1 of 2 PZ-19 309.4 8/25/2022 528 Yes 62 173.2 67.95 0.0007523 Param Inter 1 of 2 TDS (mg/L) n/a 0 None No TDS (mg/L) 309.4 8/25/2022 437 Yes 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 TDS (mg/L) PZ-33 309.4 8/24/2022 265 No 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 n/a None No TDS (mg/L) PZ-7D 309.4 8/25/2022 325 Yes 62 173.2 67.95 0.0007523 Param Inter 1 of 2

Interwell Prediction Limits - Resample Results (No Significant)

	Plant I	Mitchell Client: So	uthern Compar	y Data: M	itchell Ash Pond CCR	Printed 11/21/2	2022, 1	0:43 AM			
Constituent	Well	Upper Lim. Lower	Lim. Date	Observ.	Sig. Bg N Bg Mean	Std. Dev.	<u>%N[</u>	Os ND Adj.	Transform	<u>Alpha</u>	<u>Method</u>
pH (SU)	PZ-25	9.48 6.96	10/11/202	2 7.13	No 66 n/a	n/a	0	n/a	n/a	0.0008751	NP Inter (normality) 1 of 2
TDS (mg/L)	PZ-25	307.8 n/a	10/11/202	2 267	No 64 171.6	67.98	0	None	No	0.0007523	Param Inter 1 of 2

Trend Tests - Prediction Limit Exceedances - Significant Results

	Plant Mitchell	Client: Southern Company	Data: Mitchell	Ash Pond	CCR Pri	nted 1	1/21/20	22, 4:48	PM			
Constituent	Well		Slope	Calc.	Critical	Sig.	<u>N</u>	%NDs	Normality	<u>Xform</u>	<u>Alpha</u>	Method
Boron (mg/L)	PZ-33		-0.01244	-78	-68	Yes	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-7D		-0.0341	-84	-58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-18		4.478	83	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)		2.442	69	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)		1.939	70	58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-16		-0.347	-76	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-18		-0.3988	-82	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-19		-0.5273	-93	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-31 (bg)		-0.3431	-86	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-14		1.677	83	58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-16		-2.677	-81	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-19		-1.705	-61	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-23A		4.222	84	58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-25		-2.516	-92	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-2D (bg)		-0.6424	-70	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)		-0.9633	-91	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-33		-12.82	-108	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D		-2.016	-59	-58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-17		-16.07	-64	-58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-7D		-12.16	-60	-58	Yes	16	0	n/a	n/a	0.01	NP

Trend Tests - Prediction Limit Exceedances - All Results

	Plant Mitchell	Client: Southern Company	Data: Mitchel	l Ash Pond	d CCR P	rinted 1	1/21/20)22, 4:48	3 PM			
Constituent	Well		Slope	Calc.	Critical	Sig.	N	%NDs	Normality	<u>Xform</u>	<u>Alpha</u>	Method
Boron (mg/L)	PZ-15		-0.002875	-25	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-16		0	10	58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-18		0.003907	18	58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-19		-0.02163	-42	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-1D (bg)		0.0003842	12	58	No	16	6.25	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-25		-0.005259	-41	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-2D (bg)		-0.001017	-43	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-31 (bg)		0	-1	-58	No	16	25	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-32 (bg)		0	-1	-58	No	16	6.25	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-33		-0.01244	-78	-68	Yes	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-7D		-0.0341	-84	-58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-18		4.478	83	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-19		0.9209	11	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-1D (bg)		1.612	53	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-23A		2.968	52	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-2D (bg)		2.155	30	58	No	16	6.25	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)		2.442	69	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)		1.939	70	58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-14		-0.1076	-35	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-15		-0.2275	-52	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-16		-0.347	-76	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-18		-0.3988	-82	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-19		-0.5273	-93	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-1D (bg)		-0.08315	-47	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-2D (bg)		-0.05458	-36	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-31 (bg)		-0.3431	-86	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-32 (bg)		-0.1674	-58	-58	No	16	0	n/a	n/a	0.01	NP
pH (SU)	PZ-14		0.009753	13	63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-18		-0.01313	-37	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-19		0.007961	14	68	No	18	0	n/a	n/a	0.01	NP
pH (SU)	PZ-1D (bg)		-0.01661	-30	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-23A		0.014	24	63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-2D (bg)		-0.2384	-28	-43	No	13	0	n/a	n/a	0.01	NP
pH (SU)	PZ-31 (bg)		-0.003316	-10	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-32 (bg)		0.004191	11	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-14		1.677	83	58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-15		0.4002	12	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-16		-2.677	-81	-58	Yes		0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-17		-5.533	-57	-58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-18		-1.22	-27	-58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-19 PZ-1D (bg)		-1.705 0	-61 6	-58 50	Yes	16 16	0 0	n/a	n/a	0.01 0.01	NP NP
Sulfate (mg/L)	PZ-1D (bg)				58	No			n/a	n/a		
Sulfate (mg/L) Sulfate (mg/L)	PZ-23A PZ-25		4.222 -2.516	84 -92	58 -58	Yes Yes	16 16	0	n/a n/a	n/a n/a	0.01 0.01	NP NP
Sulfate (mg/L)	PZ-25 PZ-2D (bg)		-0.6424	- 32 -70	-58	Yes		0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)		-0.9633	-91	-58	Yes		0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-32 (bg)		-0.02024	-16	-58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-33		-12.82	-108	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D		-2.016	-59	-58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-15		4.115	21	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-17		-16.07	-64	- 58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-18		2.236	13	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-19		-10.13	-32	-58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-1D (bg)		2.035	21	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-23A		6.692	52	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-2D (bg)		1.433	4	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-31 (bg)		0	-1	-58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-32 (bg)		2.04	23	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-7D		-12.16	-60	-58	Yes		0	n/a	n/a	0.01	NP
,	. –		-				•	-	-	-		

Upper Tolerance Limit Summary Table

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 10:54 AM Well Constituent Upper Lim. Lower Lim. Date Observ. Sig.Bg N Bg Mean Std. Dev. <u>%NDs</u> <u>ND Adj.</u> Transform Alpha Method n/a 64 n/a n/a 54.69 n/a 0.03752 NP Inter(NDs) Antimony (mg/L) n/a 0.0035 n/a n/a n/a n/a n/a n/a 85.71 n/a 0.05656 NP Inter(NDs) Arsenic (mg/L) n/a 0.005 n/a n/a n/a n/a 56 n/a Barium (mg/L) n/a 0.04787 n/a n/a 64 -4.397 0.6775 1.563 None 0.05 Inter n/a n/a ln(x) Beryllium (mg/L) n/a 0.0005 n/a n/a 48 n/a 95.83 n/a n/a 0.08526 NP Inter(NDs) Cadmium (mg/L) 0.08526 NP Inter(NDs) n/a 0.0005 n/a n/a n/a n/a 48 n/a n/a 100 n/a n/a Chromium (mg/L) n/a 0.009976 n/a n/a n/a 64 0.05165 0.02407 25 Kaplan-Meier sqrt(x) 0.05 Inter Cobalt (mg/L) 0.03752 NP Inter(NDs) n/a 0.005 n/a n/a 64 n/a n/a 96.88 n/a n/a n/a n/a Combined Radium 226 + 228 (pCi/L) 1.662 n/a n/a 62 0.7165 0.2849 0 sqrt(x) 0.05 Fluoride (mg/L) n/a 0.29 n/a n/a 68 n/a 47.06 n/a 0.03056 NP Inter(normality) n/a n/a n/a n/a Lead (mg/L) n/a 64 79.69 n/a 0.03752 NP Inter(NDs) n/a 64 0.03752 NP Inter(NDs) Lithium (mg/L) n/a 0.03 n/a n/a 79.69 n/a n/a n/a n/a Mercury (mg/L) 0.0002 n/a n/a 56 89.29 n/a n/a 0.05656 NP Inter(NDs) 0.03752 NP Inter(NDs) Molybdenum (mg/L) 0.01 n/a 78.13 n/a n/a n/a n/a n/a 64 n/a n/a n/a Selenium (mg/L) n/a 64 100 n/a n/a 0.03752 NP Inter(NDs) Thallium (mg/L) 0.001 90.63 n/a 0.03752 NP Inter(NDs) n/a n/a n/a n/a n/a 64 n/a n/a n/a

PLANT MITCHELL ASH POND GWPS									
		CCR-Rule							
Constituent Name	MCL	Specified	Background Limit	GWPS					
Antimony, Total (mg/L)	0.006		0.0035	0.006					
Arsenic, Total (mg/L)	0.01		0.005	0.01					
Barium, Total (mg/L)	2		0.048	2					
Beryllium, Total (mg/L)	0.004		0.0005	0.004					
Cadmium, Total (mg/L)	0.005		0.0005	0.005					
Chromium, Total (mg/L)	0.1		0.01	0.1					
Cobalt, Total (mg/L)	n/a	0.006	0.005	0.006					
Combined Radium, Total (pCi/L)	5		1.66	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	0.03	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		0.001	0.002					

^{*}MCL = Maximum Contaminant Level

^{*}CCR = Coal Combustion Residuals

^{*}GWPS = Groundwater Protection Standard

Confidence Intervals - All Results (No Significant)

Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 11:01 AM Constituent Well Sig. <u>N</u> Std. Dev. %NDs ND Adj. Transform <u>Alpha</u> Method Upper Lim. Lower Lim Mean Antimony (mg/L) 0.003 0.0004 No 16 0.002838 0.00065 93.75 None No NP (NDs) NP (NDs) Antimony (mg/L) PZ-15 0.003 0.001 0.006 No 16 0.002726 0.0007512 87.5 None No 0.01 Antimony (mg/L) PZ-16 0.003 0.00037 0.006 No 0.002836 0.0006575 No NP (NDs) P7-17 0.003 0.00094 16 0.002569 0.0009303 NP (NDs) Antimony (mg/L) 0.006 Nο 81 25 None Nο 0.01 0.0018 0.002825 Antimony (mg/L) PZ-18 0.003 0.006 No 0.0004837 No NP (NDs) Antimony (mg/L) PZ-19 0.003 0.00044 0.006 16 0.00284 0.00064 93.75 0.01 NP (NDs) No None No Antimony (mg/L) PZ-23A 0.003 0.0017 0.006 No 16 0.002755 0.0007115 87.5 No 0.01 NP (NDs) None Antimony (mg/L) PZ-33 0.003 0.00082 0.006 16 0.002699 0.0008256 87.5 NP (NDs) No None No 0.01 Antimony (mg/L) PZ-7D 0.003 0.00042 0.006 No 16 0.002501 0.001073 81.25 None No 0.01 NP (NDs) Arsenic (mg/L) PZ-14 0.005 0.00083 0.01 No 0.004702 0.001114 92.86 No 0.01 NP (NDs) P7-15 0.005 0.0011 14 0 004114 0.001764 NP (NDs) Arsenic (mg/L) 0.01 Nο 78 57 None Nο 0.01 PZ-17 Arsenic (mg/L) 0.005 0.00072 0.01 No 14 0.00408 0.001828 No NP (NDs) PZ-19 Arsenic (mg/L) 0.005 0.0007 0.01 No 14 0.004693 0.001149 92.86 None Nο 0.01 NP (NDs) 0.01 Arsenic (mg/L) PZ-23A 0.005 0.00036 No 14 0.004669 0.00124 None No 0.01 NP (NDs) PZ-25 14 0.00386 0.001885 NP (NDs) 0.005 0.001 0.01 No 71.43 0.01 Arsenic (mg/L) None No Arsenic (mg/L) PZ-33 0.005 0.00094 0.01 No 14 0.004403 0.001519 NP (NDs) None No 0.01 PZ-14 0.03145 0.01661 2 16 0.02474 0.01324 Barium (mg/L) No 0 None sqrt(x) 0.01 Param None Barium (mg/L) P7-15 0.076 0.048 2 No 16 0.05913 0.01516 0 No 0.01 NP (normality) PZ-16 0.0467 0.034 2 0.04293 0.0132 0 NP (normality) Barium (mg/L) No None No 0.01 P7-17 0.07887 Barium (mg/L) 0.07041 2 Nο 16 0 07464 0.006501 n None Nο 0.01 Param. Barium (mg/L) PZ-18 0.029 0.023 2 No 16 0.0295 0.01319 None No NP (normality) PZ-19 0.05859 16 0.05543 Barium (mg/L) 0.05228 2 No 0.004848 0 None Nο 0.01 Param PZ-23A 0.05067 0.03709 2 0.04388 0.01044 Barium (mg/L) No 0 0.01 PZ-25 2 16 0.1051 0.006471 0 NP (normality) Barium (mg/L) 0.11 No None No 0.01 Barium (mg/L) PZ-33 0.07063 0.04977 2 No 15 0.0602 0.01539 0 None No 0.01 Param Barium (mg/L) PZ-7D 0.009796 0.006842 2 No 16 0.008319 0.00227 n None No 0.01 Param. Cadmium (mg/L) PZ-23A 0.0005 0.0002 0.005 No 12 0.00045 0.0001168 83.33 None No 0.01 NP (NDs) PZ-33 0.0005 0.0001155 Cadmium (mg/L) 0.0001 0.005 No 12 0.0004667 91.67 None No 0.01 NP (NDs) Chromium (mg/L) PZ-14 0.005 0.0011 0.1 No 16 0.003334 0.001954 56 25 None No 0.01 NP (NDs) Chromium (mg/L) PZ-16 0.005 0.00087 0.1 No 16 0.002769 0.002042 43.75 None No 0.01 NP (normality) PZ-18 Chromium (mg/L) 0.005 0.00056 0.1 No 16 0.004722 0.00111 93.75 None No 0.01 NP (NDs) NP (NDs) Chromium (ma/L) PZ-19 0.005 0.00073 0.1 No 0.004733 0.001067 Chromium (ma/L) PZ-23A 0.002196 0.001274 0.1 16 0.002537 0.001455 18.75 Kaplan-Meier 0.01 Param No In(x) Chromium (mg/L) PZ-33 0.005 0.0017 0.1 No 16 0.004794 0.000825 Kaplan-Meier 0.01 NP (NDs) PZ-7D 0.002159 0.0008284 Chromium (ma/L) 0.1 16 0.002762 0.001782 31.25 Kaplan-Meier Param No sart(x) 0.01 Cobalt (mg/L) PZ-14 0.005 0.002 0.006 No 16 0.004519 0.001351 87.5 None No 0.01 NP (NDs) Cobalt (mg/L) 0.005 0.0005 No 0.003625 0.002114 68.75 None No 0.01 NP (NDs) Cobalt (mg/L) PZ-16 0.005 0.0005 0.006 No 16 0.004719 0.001125 93.75 None No 0.01 NP (NDs) Cobalt (mg/L) PZ-17 0.005 0.0005 0.006 No 16 0.003351 0.002204 62.5 None No 0.01 NP (NDs) PZ-18 16 0.004756 Cobalt (mg/L) 0.005 0.0011 0.006 No 0.000975 93.75 None No 0.01 NP (NDs) Cobalt (mg/L) PZ-19 0.0012 0.006 No 0.004506 0.00135 No NP (NDs) 0.00058 0.003615 Cobalt (mg/L) PZ-23A 0.005 0.006 16 0.002124 0.01 NP (NDs) No 68.75 None Nο Cobalt (mg/L) PZ-25 0.0018 8000.0 0.006 No 16 0.001547 0.001003 NP (normality) 6.25 None No 0.01 PZ-33 0.005 0.0007 0.006 0.002015 NP (NDs) Cobalt (mg/L) No 16 0.003614 62.5 None No 0.01 Combined Radium 226 + 228 (pCi/L) PZ-14 0.9475 0.3298 5 No 16 0.687 0.5554 0 Param None 0.01 Combined Radium 226 + 228 (pCi/L) 1.066 0.6938 16 0.8973 0.3291 0 Param. 5 No x^(1/3) 0.01 None Combined Radium 226 + 228 (pCi/L) PZ-16 0.8728 0.4454 5 No 16 0.6591 0.3284 0 None No 0.01 Param Combined Radium 226 + 228 (pCi/L) 1.183 0.6143 5 No 15 0.8987 0.4198 0 No 0.01 Param Combined Radium 226 + 228 (pCi/L) P7-18 14 0 7987 0.5292 n 1 173 0.4239 5 Nο None Nο 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-19 1.34 0.7215 5 No 1.031 0.4756 0 Combined Radium 226 + 228 (pCi/L) PZ-23A 1.197 0.7349 5 No 16 0.9661 0.3554 0 None Nο 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-25 1.183 0.7453 5 No 16 0.9644 0.3368 0 None No 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-33 1.009 0.5396 5 16 0.7743 0.3608 0 No None No 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-7D 0.6104 0.2246 5 No 16 0.4462 0.3344 0 None 0.01 Param Fluoride (mg/L) PZ-14 0.11 0.056 4 No 17 0.08865 0.02518 58.82 No 0.01 NP (NDs) Fluoride (mg/L) PZ-15 0.1172 0.07172 17 0.1075 0.04446 Kaplan-Meier 0.01 Param

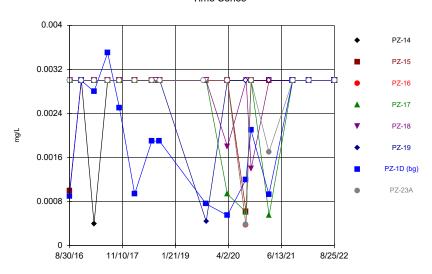
Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 11:01 AM

Constituent	<u>Well</u>	Upper Lim.	Lower Lim.	Compliance	Sia	<u>N</u>	<u>Mean</u>	Std. Dev.	%NDs	ND Adj.	Transform	Alnha	Method
Fluoride (mg/L)	PZ-16	0.1	0.053	4	No.		0.08359	0.0241		Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-17	0.1252	0.05759	4	No		0.118	0.06353	35.29	•	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-18	0.12	0.08	4	No		0.09947	0.03486	52.94	•	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-19	0.12	0.064	4	No		0.1087	0.07546	11.76	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-23A	0.13	0.057	4	No		0.09918	0.05772	41.18		No	0.01	NP (normality)
Fluoride (mg/L)	PZ-25A	0.2402	0.1492	4	No		0.1947	0.077264	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-33	0.15	0.092	4	No		0.1054	0.04146	58.82		No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-7D		0.052	4									
(0 ,		0.15			No		0.08835	0.03076		None	No No	0.01	NP (NDs)
Lead (mg/L)	PZ-15	0.001	0.00005	0.015	No		0.0009406	0.0002375 0.0002298		None	No No	0.01	NP (NDs)
Lead (mg/L)	PZ-16	0.001	0.000081	0.015	No		0.0009426			None	No No	0.01	NP (NDs)
Lead (mg/L)	PZ-18	0.001	0.00043	0.015	No		0.0009045	0.0002704	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-19	0.001	0.000042	0.015	No		0.0009401	0.0002395		None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-23A	0.001	0.00015	0.015	No		0.0008284	0.0003694		None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-33	0.001	0.00009	0.015	No		0.0008836	0.0003183	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-7D	0.001	0.000041	0.015	No		0.0009401	0.0002398	93.75		No	0.01	NP (NDs)
Lithium (mg/L)	PZ-14	0.03	0.003	0.04	No		0.02831	0.00675		None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-15	0.03	0.0012	0.04	No	16	0.01026	0.01375	31.25	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-17	0.003	0.002	0.04	No	16	0.005794	0.009456	12.5	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-18	0.0033	0.0024	0.04	No	16	0.006131	0.009322	12.5	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-19	0.01455	0.01057	0.04	No	16	0.01256	0.00306	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-23A	0.03	0.001	0.04	No	16	0.02094	0.01388	68.75	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-25	0.006908	0.005581	0.04	No	16	0.006188	0.001108	0	None	x^2	0.01	Param.
Lithium (mg/L)	PZ-7D	0.0038	0.0023	0.04	No	16	0.004594	0.006797	6.25	None	No	0.01	NP (normality)
Mercury (mg/L)	PZ-14	0.0002	0.00015	0.002	No	14	0.0001871	0.00003625	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-15	0.0002	0.000097	0.002	No	14	0.0001926	0.00002753	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-16	0.0002	0.000068	0.002	No	14	0.0001906	0.00003528	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-17	0.0002	0.000086	0.002	No	14	0.0001919	0.00003047	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-18	0.0002	0.000057	0.002	No	14	0.0001898	0.00003822	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-19	0.0002	0.0001	0.002	No	14	0.0001818	0.00004754	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-23A	0.0002	0.00017	0.002	No	14	0.00019	0.00002987	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-25	0.0002	0.000053	0.002	No	14	0.0001895	0.00003929	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-33	0.0002	0.00011	0.002	No	14	0.000171	0.00005965	78.57	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-7D	0.0002	0.00006	0.002	No	14	0.0001795	0.00005213	85.71	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-14	0.01	0.0005	0.1	No	16	0.009406	0.002375	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-15	0.01	0.0004	0.1	No	16	0.0094	0.0024	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-16	0.01	0.0004	0.1	No	16	0.0094	0.0024	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-17	0.01	0.0004	0.1	No	16	0.0094	0.0024	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-19	0.0025	0.002	0.1	No	16	0.002669	0.001969	6.25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	PZ-23A	0.01	0.0011	0.1	No	16	0.008856	0.003127	87.5	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-25	0.01	0.001	0.1	No	16	0.009437	0.00225	93.75	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-14	0.005	0.0015	0.05	No	16	0.004544	0.001248	87.5	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-15	0.005	0.0018	0.05	No	16	0.0048	0.0008		None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-19	0.005	0.0019	0.05	No		0.00385	0.001328		None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-23A	0.005	0.0023	0.05	No	16	0.0035	0.00141	43.75	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-7D	0.005	0.0018	0.05	No		0.003987	0.001551		None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-14	0.001	0.00006	0.002	No		0.0009413	0.000235		None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-15	0.001	0.0002	0.002	No		0.0007006	0.0004001	62.5	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-16	0.001	0.0002	0.002	No		0.0007000	0.0004001	62.5	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-17	0.001	0.00010	0.002	No		0.0006444	0.0003726	50	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-17	0.001	0.00022	0.002	No		0.0000444	0.0003720	81.25		No	0.01	NP (NDs)
Thallium (mg/L)	PZ-10 PZ-19	0.0007	0.000071	0.002			0.0006226	0.0003813	6.25	None		0.01	Param.
, ,					No						No No		
Thallium (mg/L)	PZ-23A	0.001	0.00016	0.002	No		0.000545	0.0004167	43.75	None	No No	0.01	NP (normality)
Thallium (mg/L)	PZ-25	0.001	0.00036	0.002	No		0.0006963	0.0003262	50	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-33	0.001	0.00015	0.002	No		0.0007269	0.0004188	68.75		No	0.01	NP (NDs)
Thallium (mg/L)	PZ-7D	0.001	0.0001	0.002	No	16	0.0007227	0.0004256	68.75	None	No	0.01	NP (NDs)

FIGURE A.

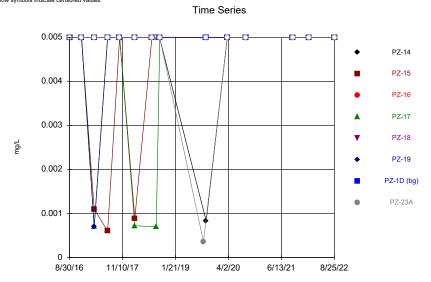




Constituent: Antimony Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

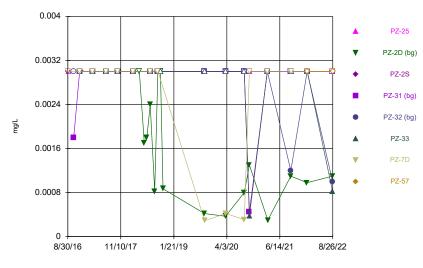
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

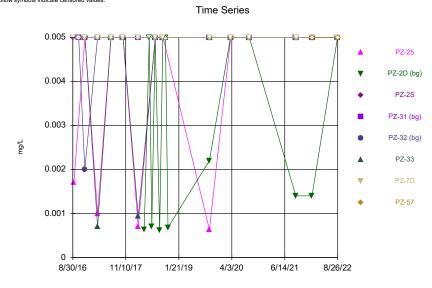
Time Series



Constituent: Antimony Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

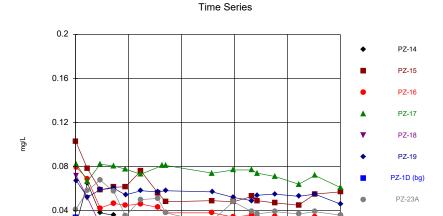


Constituent: Arsenic Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

8/30/16

11/10/17



Constituent: Barium Analysis Run 11/21/2022 9:20 AM

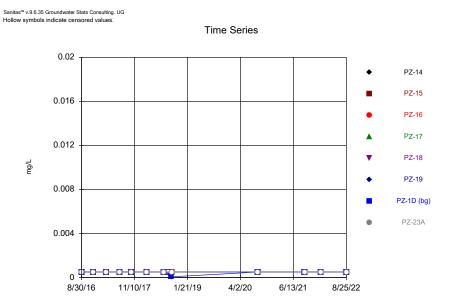
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

4/2/20

6/13/21

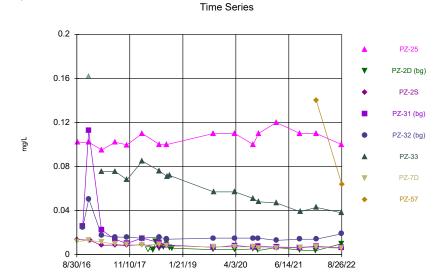
8/25/22

1/21/19



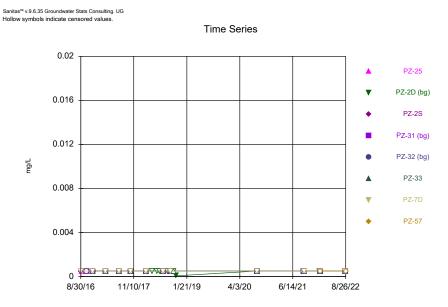
Constituent: Beryllium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Barium Analysis Run 11/21/2022 9:20 AM

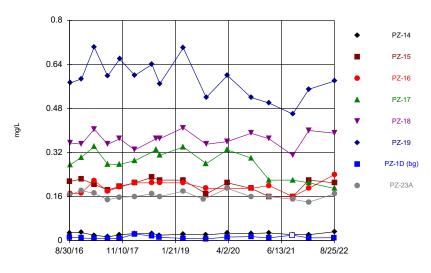
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Beryllium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

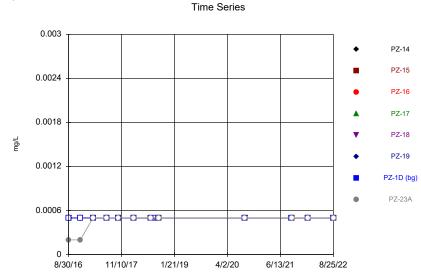




Constituent: Boron Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

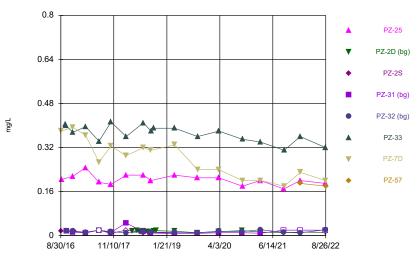
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



Constituent: Cadmium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

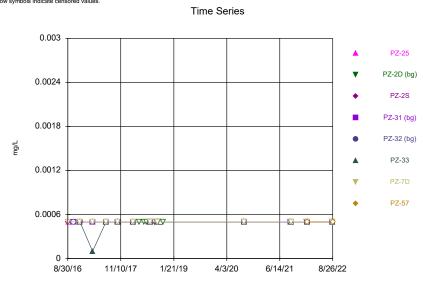
Time Series



Constituent: Boron Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

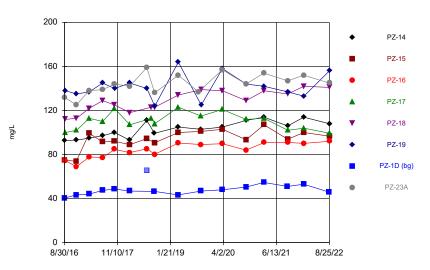
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



Constituent: Cadmium Analysis Run 11/21/2022 9:20 AM

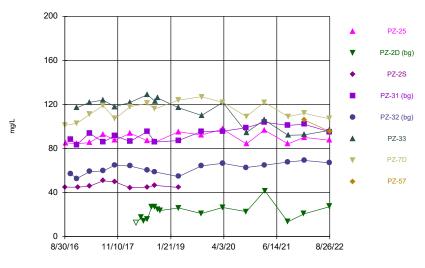
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR





Constituent: Calcium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

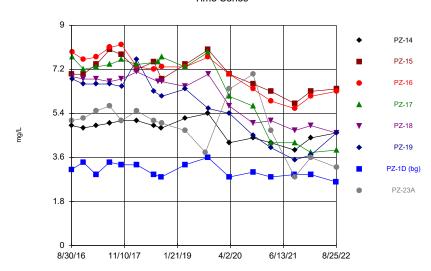


Constituent: Calcium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

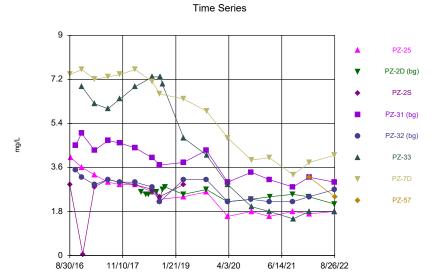
Time Series



Constituent: Chloride Analysis Run 11/21/2022 9:20 AM

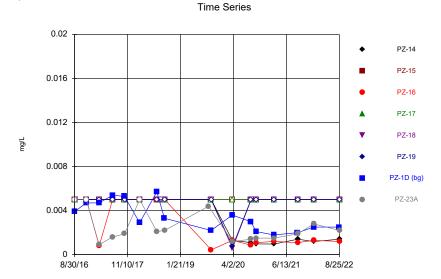
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

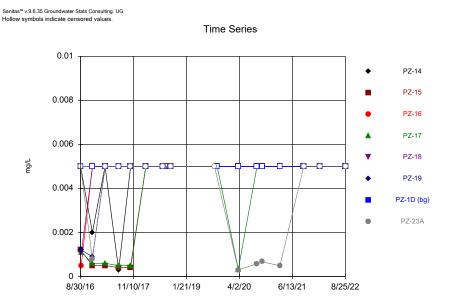


Constituent: Chloride Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

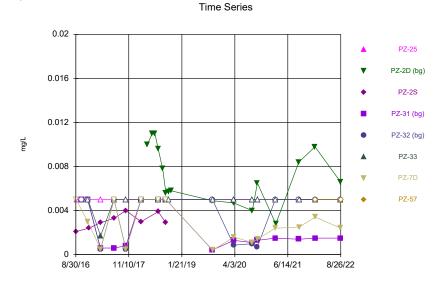


Constituent: Chromium Analysis Run 11/21/2022 9:20 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Cobalt Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Chromium Analysis Run 11/21/2022 9:20 AM

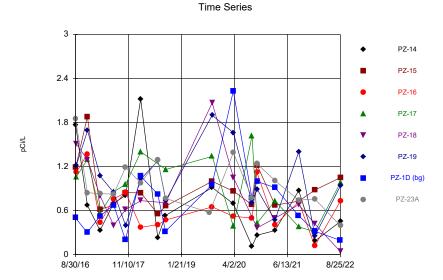
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



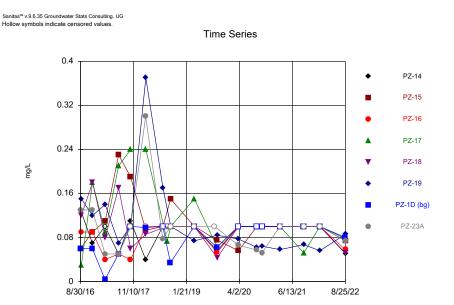
Constituent: Cobalt Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

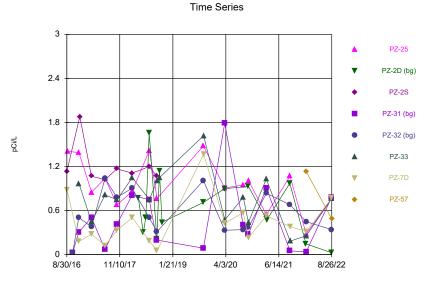


Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2022 9:20 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

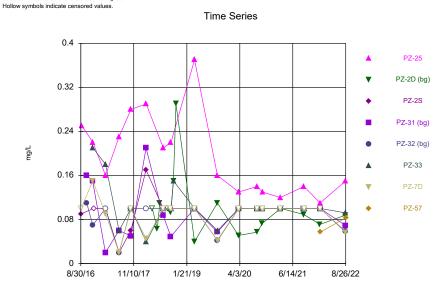


Constituent: Fluoride Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



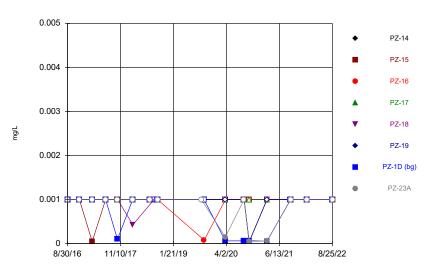
Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2022 9:20 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Fluoride Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

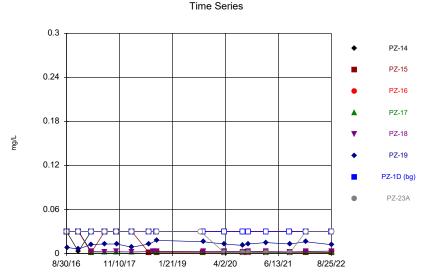




Constituent: Lead Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

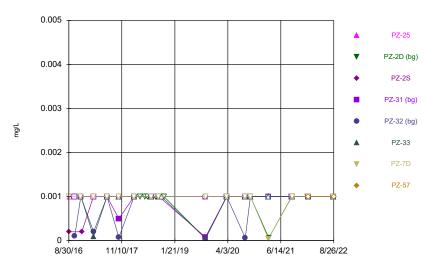
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



Constituent: Lithium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

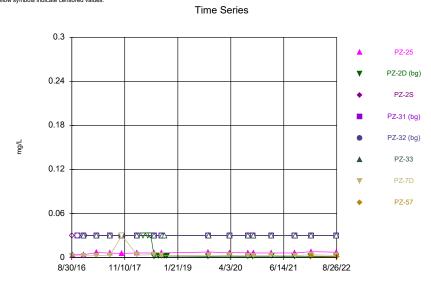
Time Series



Constituent: Lead Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

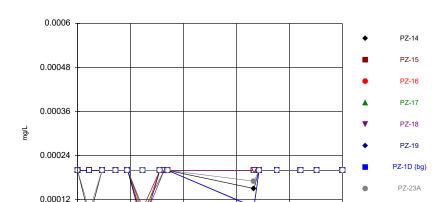


Constituent: Lithium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

8/30/16

11/10/17



Time Series

Constituent: Mercury Analysis Run 11/21/2022 9:20 AM

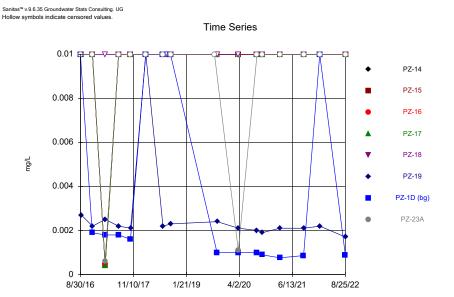
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

4/2/20

1/21/19

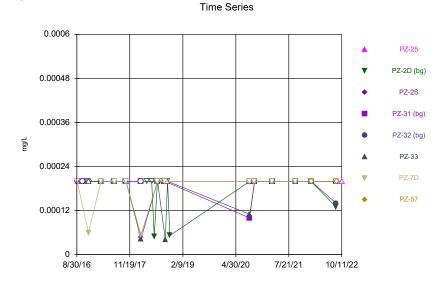
6/13/21

8/25/22



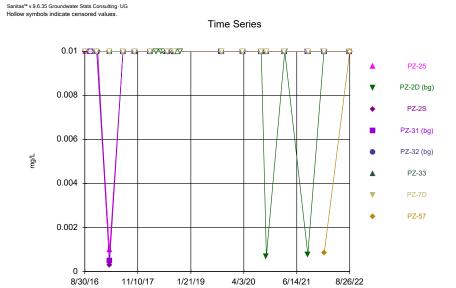
Constituent: Molybdenum Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



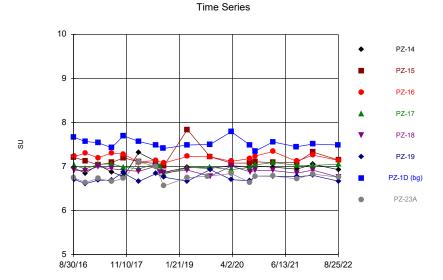
Constituent: Mercury Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

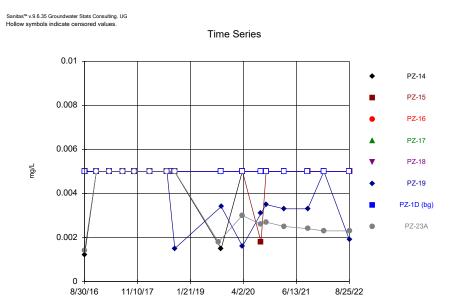


Constituent: Molybdenum Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

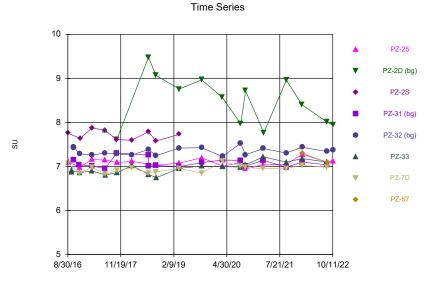


Constituent: pH Analysis Run 11/21/2022 9:20 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

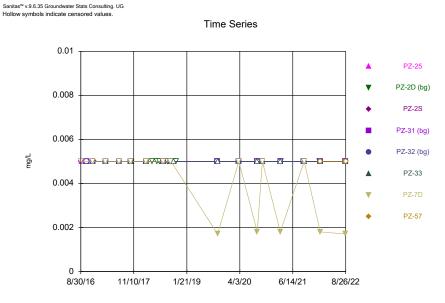


Constituent: Selenium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

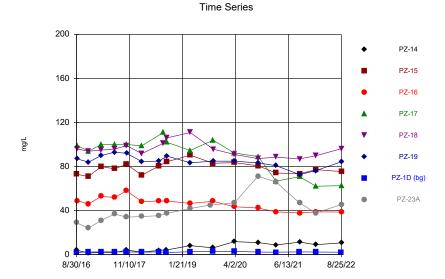


Constituent: pH Analysis Run 11/21/2022 9:20 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Selenium Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

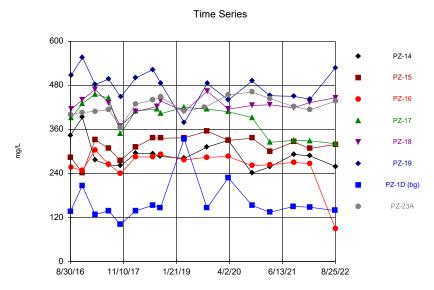
200 PZ-25 PZ-2D (bg) 160 PZ-2S PZ-31 (bg) 120 PZ-32 (bg) mg/L PZ-33 80 PZ-7D PZ-57 8/30/16 4/3/20 6/14/21 8/26/22 11/10/17 1/21/19

Time Series

Constituent: Sulfate Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

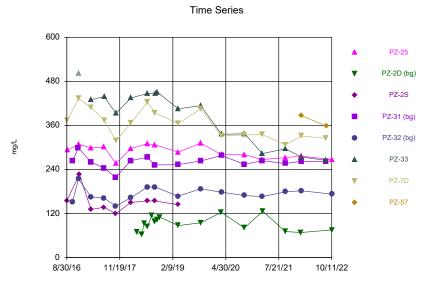




Constituent: TDS Analysis Run 11/21/2022 9:20 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

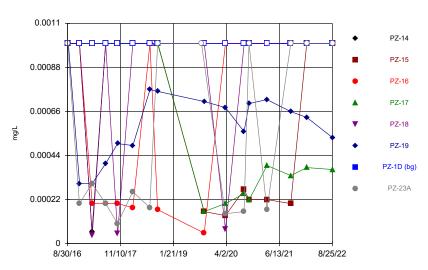


Constituent: TDS Analysis Run 11/21/2022 9:21 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



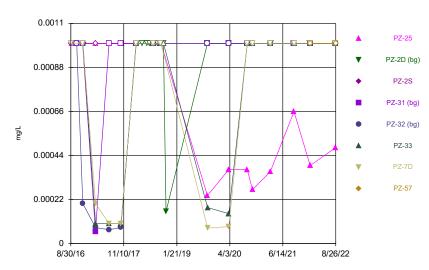


Constituent: Thallium Analysis Run 11/21/2022 9:21 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Time Series



Constituent: Thallium Analysis Run 11/21/2022 9:21 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Constituent: Antimony (mg/L) Analysis Run 11/21/2022 9:21 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.0009 (J)	
8/31/2016	<0.003							<0.003
9/1/2016		0.001 (J)						
9/6/2016			<0.003					
9/7/2016				<0.003	<0.003	<0.003		
12/6/2016							<0.003	
12/7/2016	<0.003	<0.003	<0.003					<0.003
12/8/2016				<0.003	<0.003	<0.003		
3/21/2017	0.0004 (J)						0.0028 (J)	<0.003
3/22/2017		<0.003	<0.003	<0.003	<0.003			
3/23/2017						<0.003		
7/11/2017	<0.003		<0.003				0.0035	<0.003
7/12/2017		<0.003		<0.003	<0.003	<0.003		
10/17/2017							0.0025 (J)	
10/18/2017	<0.003	<0.003	<0.003	<0.003	<0.003			<0.003
10/19/2017						<0.003		
2/20/2018	<0.003						0.00094 (J)	<0.003
2/21/2018		<0.003	<0.003	<0.003	<0.003	<0.003		
7/11/2018	<0.003						0.0019 (J)	<0.003
7/12/2018		<0.003	<0.003			<0.003		
8/15/2018					<0.003			
8/16/2018				<0.003				
9/12/2018	<0.003						0.0019 (J)	
9/13/2018		<0.003	<0.003		<0.003			<0.003
9/14/2018				<0.003		<0.003		
9/10/2019								<0.003
10/1/2019							0.00076 (X)	
10/2/2019	<0.003	<0.003	<0.003	<0.003				
10/3/2019					<0.003	0.00044 (X)		
3/24/2020	0.000			0.00004 (1)			0.00055 (J)	
3/25/2020	<0.003		0.000	0.00094 (J)	0.0010 (1)	0.000		<0.003
3/26/2020		<0.003	<0.003		0.0018 (J)	<0.003	0.0040 (1)	
8/25/2020	0.000	0.00000 (1)	0.0007./1	0.00004 (1)		0.000	0.0012 (J)	0.00000 (1)
8/26/2020 8/27/2020	<0.003	0.00062 (J)	0.00037 (J)	0.00061 (J)	<0.002	<0.003		0.00038 (J)
	<0.002		~0.002		<0.003		0.0021 (1)	-0.002
10/6/2020	<0.003	-0.000	<0.003	-0.000	0.001471)	-0.000	0.0021 (J)	<0.003
10/7/2020	<0.003	<0.003		<0.003	0.0014 (J)	<0.003	0.00003 (1)	0.0017 (1)
3/3/2021 3/4/2021	<0.003	<0.003	<0.003	0.00055 (J)	<0.003	<0.003	0.00093 (J)	0.0017 (J)
9/14/2021		<0.003	\0.003	0.00055 (3)	<0.003		<0.003	
	<0.003	<0.002	<0.003				<0.003	<0.003
9/15/2021 9/16/2021	<0.003	<0.003	~U.UU3	<0.003	<0.003	<0.003		~0.003
1/25/2022				~U.UUJ	-0.003	~U.UUJ	<0.003	
1/25/2022	<0.003	<0.003	<0.003				~U.UU3	<0.003
1/27/2022	~U.UUJ	-0.003	-0.003	<0.003	<0.003	<0.003		-0.003
8/24/2022				~U.UUJ	-0.003	~U.UUJ	<0.003	
8/25/2022	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	-0.000	<0.003
0/20/2022	-0.000	-5.005	-0.000	-0.000	-0.000	-0.000		-0.003

Constituent: Antimony (mg/L) Analysis Run 11/21/2022 9:21 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			<0.003					
9/1/2016							<0.003	
9/8/2016	<0.003							
10/18/2016				0.0018 (J)	<0.003			
12/6/2016				<0.003				
12/7/2016					<0.003		<0.003	
12/8/2016	<0.003					<0.003		
12/15/2016			<0.003					
3/21/2017			<0.003	<0.003				
3/22/2017	<0.003						<0.003	
3/23/2017					<0.003	<0.003		
7/11/2017	<0.003		<0.003	<0.003	<0.003			
7/12/2017						<0.003	<0.003	
10/17/2017			<0.003	<0.003	<0.003			
10/18/2017	<0.003							
10/19/2017						<0.003	<0.003	
2/20/2018			<0.003	<0.003	<0.003			
2/21/2018	<0.003					<0.003	<0.003	
4/12/2018		<0.003						
5/23/2018		0.0017 (J)						
6/13/2018		0.0018 (J)						
7/11/2018		0.0024 (J)	<0.003	<0.003	<0.003			
7/12/2018	<0.003					<0.003	<0.003	
8/17/2018		0.00082 (J)						
9/12/2018		<0.003	<0.003	<0.003				
9/13/2018	<0.003				<0.003		<0.003	
9/14/2018						<0.003		
10/4/2018		<0.003				<0.003		
10/24/2018		0.00087 (J)						
10/1/2019					<0.003			
10/2/2019	<0.003	0.00042 (X)		<0.003				
10/3/2019						<0.003	0.00029 (X)	
3/24/2020		0.00037 (J)						
3/25/2020	<0.003			<0.003	<0.003			
3/26/2020						<0.003	0.00042 (J)	
8/25/2020				<0.003	<0.003			
8/26/2020	<0.003	0.0008 (J)				<0.003	0.00031 (J)	
10/6/2020		0.0013 (J)		0.00045 (J)	<0.003			
10/7/2020	<0.003					0.00037 (J)	<0.003	
3/3/2021	<0.003			<0.003	<0.003			
3/4/2021						<0.003	<0.003	
3/8/2021		0.0003 (J)						
9/14/2021		0.0011 (J)			0.0012 (J)			
9/15/2021	<0.003			<0.003				
9/16/2021						<0.003	<0.003	
1/25/2022		0.00098 (J)						
1/26/2022	<0.003			<0.003	<0.003			
1/27/2022						<0.003	<0.003	<0.003
8/24/2022	<0.003	0.0011 (J)		<0.003	0.001 (J)	0.00082 (J)		
8/25/2022							<0.003	
8/26/2022								<0.003

Constituent: Arsenic (mg/L) Analysis Run 11/21/2022 9:21 AM

Plant Mitchell	Client: Southern Company	Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.005	
8/31/2016	<0.005							<0.005
9/1/2016		<0.005						
9/6/2016			<0.005					
9/7/2016				<0.005	<0.005	<0.005		
12/6/2016							<0.005	
12/7/2016	<0.005	<0.005	<0.005					<0.005
12/8/2016				<0.005	<0.005	<0.005		
3/21/2017	<0.005						<0.005	<0.005
3/22/2017		0.0011 (J)	<0.005	0.0007 (J)	<0.005			
3/23/2017						0.0007 (J)		
7/11/2017	<0.005		<0.005				<0.005	<0.005
7/12/2017		0.0006 (J)		<0.005	<0.005	<0.005		
10/17/2017							<0.005	
10/18/2017	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005
10/19/2017						<0.005		
2/20/2018	<0.005						<0.005	<0.005
2/21/2018		0.00089 (J)	<0.005	0.00072 (J)	<0.005	<0.005		
7/11/2018	<0.005						<0.005	<0.005
7/12/2018		<0.005	<0.005			<0.005		
8/15/2018					<0.005			
8/16/2018				0.0007 (J)				
9/12/2018	<0.005						<0.005	
9/13/2018		<0.005	<0.005		<0.005			<0.005
9/14/2018				<0.005		<0.005		
9/10/2019								0.00036 (X)
10/1/2019							<0.005	
10/2/2019	0.00083 (X)	<0.005	<0.005	<0.005				
10/3/2019					<0.005	<0.005		
3/24/2020							<0.005	
3/25/2020	<0.005			<0.005				<0.005
3/26/2020		<0.005	<0.005		<0.005	<0.005		
8/25/2020							<0.005	
8/26/2020	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005
8/27/2020					<0.005			
9/14/2021							<0.005	
9/15/2021	<0.005	<0.005	<0.005					<0.005
9/16/2021				<0.005	<0.005	<0.005		
1/25/2022							<0.005	
1/26/2022	<0.005	<0.005	<0.005					<0.005
1/27/2022				<0.005	<0.005	<0.005		
8/24/2022							<0.005	
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005

Constituent: Arsenic (mg/L) Analysis Run 11/21/2022 9:22 AM

DI	0" . 0 . 1 . 0	D . M: 1 1 A D 100D
Plant Mitchell	Client: Southern Company	Data: Mitchell Ash Pond CCR

		PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/	30/2016			<0.005					
9/	1/2016							<0.005	
9/	8/2016	0.0017 (J)							
10	0/18/2016				<0.005	<0.005			
12	2/6/2016				<0.005				
	2/7/2016					0.002 (J)		<0.005	
	2/8/2016	<0.005				. ,	<0.005		
	2/15/2016			<0.005					
	21/2017			<0.005	<0.005				
	22/2017	0.001 (J)						<0.005	
	23/2017	(-,				<0.005	0.0007 (J)		
	11/2017	<0.005		<0.005	<0.005	<0.005	(0)		
	12/2017	0.000		0.000	0.000	0.000	<0.005	<0.005	
	0/17/2017			<0.005	<0.005	<0.005	0.000	0.000	
	0/18/2017	<0.005		-0.000	-0.000	-0.000			
	0/19/2017	10.000					<0.005	<0.005	
	20/2018			<0.005	<0.005	<0.005	10.003	-0.003	
	21/2018	0.00071 (J)		10.000	10.003	10.005	0.00094 (J)	<0.005	
		0.00071 (3)	0.00064 (1)				0.00094 (3)	~0.003	
	12/2018		0.00064 (J)						
	23/2018		<0.005						
	13/2018		0.0007 (J)	0.005	.0.005	0.005			
	11/2018	0.005	<0.005	<0.005	<0.005	<0.005	.0.005	.0.005	
	12/2018	<0.005	0.00000 (1)				<0.005	<0.005	
	17/2018		0.00062 (J)						
	12/2018		<0.005	<0.005	<0.005				
	13/2018	<0.005				<0.005		<0.005	
	14/2018						<0.005		
	0/4/2018		<0.005				<0.005		
	0/24/2018		0.00068 (J)						
	0/1/2019					<0.005			
	0/2/2019	0.00063 (X)	0.0022 (X)		<0.005				
	0/3/2019						<0.005	<0.005	
	24/2020		<0.005						
	25/2020	<0.005			<0.005	<0.005			
3/	26/2020						<0.005	<0.005	
8/	25/2020				<0.005	<0.005			
8/	26/2020	<0.005	<0.005				<0.005	<0.005	
9/	14/2021		0.0014 (J)			<0.005			
9/	15/2021	<0.005			<0.005				
9/	16/2021						<0.005	<0.005	
1/	25/2022		0.0014 (J)						
1/	26/2022	<0.005			<0.005	<0.005			
1/	27/2022						<0.005	<0.005	<0.005
8/	24/2022	<0.005	<0.005		<0.005	<0.005	<0.005		
8/	25/2022							<0.005	
8/	26/2022								<0.005

Constituent: Barium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.0335	
8/31/2016	0.0253							0.0407
9/1/2016		0.103						
9/6/2016			0.0794					
9/7/2016				0.0823	0.0717	0.067		
12/6/2016							0.0311	
12/7/2016	0.065	0.0781	0.0689					0.0581
12/8/2016				0.0668	0.0513	0.0522		
3/21/2017	0.0379						0.0305	0.0678
3/22/2017		0.0589	0.0423	0.0821	0.0273			
3/23/2017						0.0591		
7/11/2017	0.036		0.0467				0.0305	0.0574
7/12/2017		0.0613		0.0805	0.0269	0.0604		
10/17/2017							0.0255	
10/18/2017	0.0247	0.0617	0.0446	0.0776	0.0258			0.0351
10/19/2017						0.0542		
2/20/2018	0.03						0.027	0.05
2/21/2018		0.076	0.046	0.073	0.029	0.058		
7/11/2018	0.027	0.050	0.040			0.057	0.032	0.051
7/12/2018		0.056	0.043		0.007	0.057		
8/15/2018				0.004	0.027			
8/16/2018	0.000			0.081			0.004	
9/12/2018	0.022	0.040	0.000		0.000		0.021	0.000
9/13/2018		0.048	0.038	0.004	0.023	0.050		0.038
9/14/2018				0.081		0.058		0.000
9/10/2019							0.010	0.029
10/1/2019	0.017	0.040	0.000	0.074			0.016	
10/2/2019	0.017	0.049	0.038	0.074	0.005	0.057		
10/3/2019					0.025	0.057	0.045	
3/24/2020	0.001			0.077			0.015	0.040
3/25/2020	0.021	0.040	0.004	0.077	0.000	0.050		0.048
3/26/2020		0.048	0.034		0.023	0.052	0.014	
8/25/2020	0.010	0.050	0.000	0.077		0.040	0.014	0.000
8/26/2020	0.016	0.053	0.036	0.077	0.000	0.049		0.039
8/27/2020	0.010		0.004		0.023		0.015	0.007
10/6/2020	0.016	0.040	0.034	0.074	0.000	0.054	0.015	0.037
10/7/2020	0.017	0.049		0.074	0.023	0.054	0.015	0.030
3/3/2021	0.017	0.047	0.035	0.071	0.022	0.055	0.015	0.039
3/4/2021		0.047	0.035	0.071	0.023		0.012	
9/14/2021	0.014	0.045	0.033				0.013	0.037
9/15/2021 9/16/2021	0.014	0.045	0.032	0.064	0.022	0.053		0.037
				0.004	0.022	0.000	0.014	
1/25/2022	0.016	0.055	0.034				0.014	0.039
1/26/2022 1/27/2022	0.016	0.055	0.034	0.072	0.025	0.055		0.039
8/24/2022				0.072	0.023	0.000	0.015	
8/25/2022	0.011	0.057	0.035	0.061	0.026	0.046	0.010	0.036
012012022	0.011	0.007	0.033	0.001	0.020	0.040		0.030

Constituent: Barium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			0.0137					
9/1/2016							0.0117	
9/8/2016	0.102							
10/18/2016				0.0257	0.0248			
12/6/2016				0.113				
12/7/2016					0.0506		0.0133	
12/8/2016	0.102					0.162 (o)		
12/15/2016			0.0131					
3/21/2017			0.0085	0.0226				
3/22/2017	0.0951						0.0114	
3/23/2017					0.0175	0.0753		
7/11/2017	0.102		0.0088	0.0139	0.0161			
7/12/2017						0.0756	0.0097 (J)	
10/17/2017			0.0084	0.0103	0.0158			
10/18/2017	0.0997							
10/19/2017						0.0681	0.0091 (J)	
2/20/2018			0.009	0.015	0.015			
2/21/2018	0.11					0.085	0.0086 (J)	
4/12/2018		<0.01						
5/23/2018		0.0042 (J)						
6/13/2018		0.012						
7/11/2018		0.0056 (J)	0.0069	0.011	0.016			
7/12/2018	0.1					0.076	0.0093 (J)	
8/17/2018		0.0069 (J)						
9/12/2018		0.011	0.0079	0.0087 (J)				
9/13/2018	0.1				0.014		0.0078 (J)	
9/14/2018						0.071		
10/4/2018		0.0066 (J)				0.072		
10/24/2018		0.0059 (J)						
10/1/2019					0.015			
10/2/2019	0.11	0.0046 (X)		0.0067 (X)				
10/3/2019						0.057	0.007 (X)	
3/24/2020		0.0046 (J)						
3/25/2020	0.11			0.0082 (J)	0.015			
3/26/2020						0.057	0.0072 (J)	
8/25/2020				0.0071 (J)	0.015			
8/26/2020	0.1	0.0051 (J)				0.051	0.007 (J)	
10/6/2020		0.0039 (J)		0.0075 (J)	0.015			
10/7/2020	0.11					0.048	0.0061 (J)	
3/3/2021	0.12			0.0069	0.013			
3/4/2021						0.047	0.0061	
3/8/2021		0.0065						
9/14/2021		0.0041 (J)			0.014			
9/15/2021	0.11			0.0066				
9/16/2021						0.039	0.0062	
1/25/2022		0.0037 (J)						
1/26/2022	0.11			0.0075	0.014			
1/27/2022						0.043	0.0068	0.14
8/24/2022	0.1	0.01		0.0063	0.019	0.038		
8/25/2022							0.0058	
8/26/2022								0.064

Constituent: Beryllium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.0005	
8/31/2016	<0.0005							<0.0005
9/1/2016		<0.0005						
9/6/2016			<0.0005					
9/7/2016				<0.0005	<0.0005	<0.0005		
12/6/2016							<0.0005	
12/7/2016	<0.0005	<0.0005	<0.0005					<0.0005
12/8/2016				<0.0005	<0.0005	<0.0005		
3/21/2017	<0.0005						<0.0005	<0.0005
3/22/2017		<0.0005	<0.0005	<0.0005	<0.0005			
3/23/2017						<0.0005		
7/11/2017	<0.0005		<0.0005				<0.0005	<0.0005
7/12/2017		<0.0005		<0.0005	<0.0005	<0.0005		
10/17/2017							<0.0005	
10/18/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005
10/19/2017						<0.0005		
2/20/2018	<0.0005						<0.0005	<0.0005
2/21/2018		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
7/11/2018	<0.0005						<0.0005	<0.0005
7/12/2018		<0.0005	<0.0005			<0.0005		
8/15/2018					<0.0005			
8/16/2018				<0.0005				
9/12/2018	<0.0005						6.1E-05 (J)	
9/13/2018		<0.0005	<0.0005		<0.0005			<0.0005
9/14/2018				<0.0005		<0.0005		
8/25/2020							<0.0005	
8/26/2020	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005
8/27/2020					<0.0005			
9/14/2021							<0.0005	
9/15/2021	<0.0005	<0.0005	<0.0005					<0.0005
9/16/2021				<0.0005	<0.0005	<0.0005		
1/25/2022							<0.0005	
1/26/2022	<0.0005	<0.0005	<0.0005					<0.0005
1/27/2022				<0.0005	<0.0005	<0.0005		
8/24/2022							<0.0005	
8/25/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005

Constituent: Beryllium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			<0.0005					
9/1/2016							<0.0005	
9/8/2016	<0.0005							
10/18/2016				<0.0005	<0.0005			
12/6/2016				<0.0005				
12/7/2016					<0.0005		<0.0005	
12/8/2016	<0.0005					<0.0005		
12/15/2016			<0.0005					
3/21/2017			<0.0005	<0.0005				
3/22/2017	<0.0005						<0.0005	
3/23/2017					<0.0005	<0.0005		
7/11/2017	<0.0005		<0.0005	<0.0005	<0.0005			
7/12/2017						<0.0005	<0.0005	
10/17/2017			<0.0005	<0.0005	<0.0005			
10/18/2017	<0.0005							
10/19/2017						<0.0005	<0.0005	
2/20/2018			<0.0005	<0.0005	<0.0005			
2/21/2018	<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			
7/12/2018	<0.0005					<0.0005	<0.0005	
8/17/2018		<0.0005	0.0005	.0.005				
9/12/2018	-0.0005	<0.0005	<0.0005	<0.0005	-0.0005		-0.0005	
9/13/2018 9/14/2018	<0.0005				<0.0005	<0.0005	<0.0005	
10/4/2018		<0.0005				<0.0005		
10/4/2018						<0.0005		
8/25/2020		6E-05 (J)		<0.0005	<0.0005			
8/26/2020	<0.0005	<0.0005		<0.0003	<0.0003	<0.0005	<0.0005	
9/14/2021	-0.0003	<0.0005			<0.0005	10.0003	-0.0003	
9/15/2021	<0.0005	-0.0000		<0.0005	-0.0000			
9/16/2021	-0.0000			-0.0000		<0.0005	<0.0005	
1/25/2022		<0.0005				-0.0000	-0.0000	
1/26/2022	<0.0005			<0.0005	<0.0005			
1/27/2022						<0.0005	<0.0005	<0.0005
8/24/2022	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005		
8/25/2022							<0.0005	
8/26/2022								<0.0005

Constituent: Boron (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.0132 (J)	
8/31/2016	0.0285 (J)							0.166
9/1/2016		0.215						
9/6/2016			0.17					
9/7/2016				0.276	0.355	0.573		
12/6/2016							0.0096 (J)	
12/7/2016	0.0292 (J)	0.224	0.173					0.182
12/8/2016				0.303	0.351	0.588		
3/21/2017	0.0198 (J)	0.005	0.040	0.040	0.405		0.0082 (J)	0.172
3/22/2017		0.205	0.218	0.342	0.405	0.700		
3/23/2017	0.0107 (1)		0.10			0.703	0.0007 (1)	0.140
7/11/2017	0.0137 (J)	0.194	0.18	0.279	0.25	0.509	0.0067 (J)	0.149
7/12/2017		0.184		0.278	0.35	0.598	0.0093 (1)	
10/17/2017	0.021271	0.197	0.195	0.277	0.37		0.0083 (J)	0.158
10/18/2017 10/19/2017	0.0212 (J)	0.197	0.195	0.277	0.37	0.66		0.136
2/20/2018	0.026 (J)					0.00	0.024 (J)	0.16
2/21/2018	0.020 (0)	0.21	0.21	0.29	0.33	0.6	0.024 (3)	0.10
7/11/2018	0.026 (J)	0.21	0.21	0.23	0.55	0.0	0.017 (J)	0.17
7/12/2018	0.020 (0)	0.23	0.21			0.64	0.017 (0)	0.17
8/15/2018					0.37			
8/16/2018				0.33				
9/12/2018	0.02 (J)						0.012 (J)	
9/13/2018	. ,	0.22	0.21		0.37		` '	0.16
9/14/2018				0.31		0.57		
3/26/2019							0.0082	
3/27/2019	0.023		0.21		0.41			0.18
3/28/2019		0.22		0.34		0.7		
9/10/2019								0.15
10/1/2019							0.0064 (X)	
10/2/2019	0.021 (X)	0.17	0.19	0.28				
10/3/2019					0.35	0.52		
3/24/2020							0.013 (J)	
3/25/2020	0.027 (J)			0.33				0.19
3/26/2020		0.21	0.19		0.36	0.6		
10/6/2020	0.026 (J)		0.19				0.015 (J)	0.16
10/7/2020		0.19		0.3	0.39	0.52		
3/3/2021	0.028 (J)					0.5	0.01 (J)	0.16
3/4/2021		0.16	0.2	0.22	0.37			
9/14/2021							<0.04	
9/15/2021	0.022 (J)	0.16	0.16					0.15
9/16/2021				0.22	0.31	0.46		
1/25/2022	(1)						0.01 (J)	
1/26/2022	0.022 (J)	0.22	0.19	0.04	0.4	0.55		0.14
1/27/2022				0.21	0.4	0.55	0.011 (1)	
8/24/2022	0.032 (1)	0.21	0.24	0.10 (1)	0.20	0.58	0.011 (J)	0.17 (1)
8/25/2022	0.032 (J)	0.21	0.24	0.19 (J)	0.39	0.58		0.17 (J)

Constituent: Boron (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57	
8/30/2016			0.0168						
9/1/2016							0.379		
9/8/2016	0.204								
10/5/2016						0.404			
10/10/2016						0.401			
10/18/2016				0.0174 (J)	0.0156 (J)				
12/6/2016				0.0133 (J)					
12/7/2016					0.0157 (J)		0.394		
12/8/2016	0.216					0.375			
12/15/2016			0.0163						
3/21/2017			0.0126	0.0103 (J)					
3/22/2017	0.247						0.365		
3/23/2017					0.0103 (J)	0.396			
7/11/2017	0.194		<0.04	<0.04	<0.04				
7/12/2017						0.343	0.267		
10/17/2017			0.0086	0.0116 (J)	0.0142 (J)				
10/18/2017	0.186								
10/19/2017						0.413	0.326		
2/20/2018			<0.04	0.046 (J)	0.011 (J)				
2/21/2018	0.22					0.36	0.29		
4/12/2018		0.016 (J)							
5/23/2018		0.018 (J)							
6/13/2018		0.014 (J)							
7/11/2018		0.017 (J)	0.0099	0.014 (J)	0.014 (J)				
7/12/2018	0.22					0.41	0.32		
8/17/2018		0.015 (J)							
9/12/2018		0.013 (J)	0.012	0.0098 (J)					
9/13/2018	0.2				0.013 (J)		0.31		
9/14/2018						0.38			
10/4/2018		0.016 (J)				0.39			
10/24/2018		0.018 (J)							
3/26/2019			0.0092	0.0076					
3/27/2019	0.22	0.016			0.012				
3/28/2019					0.011 ()()	0.39	0.33		
10/1/2019	0.01	0.011.00		0.0004.00	0.011 (X)				
10/2/2019	0.21	0.011 (X)		0.0084 (X)		0.00	0.04		
10/3/2019		0.015 (1)				0.36	0.24		
3/24/2020	0.21	0.015 (J)		0.011 (1)	0.016 (1)				
3/25/2020 3/26/2020	0.21			0.011 (J)	0.016 (J)	0.29	0.24		
		0.019 (1)		0.011 (1)	0.015 (1)	0.38	0.24		
10/6/2020 10/7/2020	0.18	0.018 (J)		0.011 (J)	0.015 (J)	0.35	0.2		
3/3/2021	0.18			0.0087 (J)	0.022 (J)	0.33	0.2		
3/4/2021	0.2			0.0087 (3)	0.022 (3)	0.34	0.2		
3/8/2021		0.013 (J)				0.34	0.2		
9/14/2021		0.013 (J) 0.011 (J)			0.012 (J)				
9/15/2021	0.17	0.011 (3)		<0.04	0.012 (3)				
	0.17			\0.04		0.21	0.10		
9/16/2021 1/25/2022		0.013 (J)				0.31	0.18		
1/25/2022	0.2	0.013 (3)		<0.04	0.01 (J)				
1/26/2022	U.Z			-U.U -1	0.01 (0)	0.36	0.23	0.19	
8/24/2022	0.19	0.012 (J)		<0.04	0.022 (J)	0.32	0.23	0.13	
012712022	0.15	0.012 (0)		×0.0 1	0.022 (3)	0.02			

Page 2

Time Series

Constituent: Boron (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57	
8/25/2022							0.2		
8/26/2022								0.18	

Constituent: Cadmium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.0005	
8/31/2016	<0.0005							0.0002 (J)
9/1/2016		<0.0005						
9/6/2016			<0.0005					
9/7/2016				<0.0005	<0.0005	<0.0005		
12/6/2016							<0.0005	
12/7/2016	<0.0005	<0.0005	<0.0005					0.0002 (J)
12/8/2016				<0.0005	<0.0005	<0.0005		
3/21/2017	<0.0005						<0.0005	<0.0005
3/22/2017		<0.0005	<0.0005	<0.0005	<0.0005			
3/23/2017						<0.0005		
7/11/2017	<0.0005		<0.0005				<0.0005	<0.0005
7/12/2017		<0.0005		<0.0005	<0.0005	<0.0005		
10/17/2017							<0.0005	
10/18/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005
10/19/2017						<0.0005		
2/20/2018	<0.0005						<0.0005	<0.0005
2/21/2018		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
7/11/2018	<0.0005						<0.0005	<0.0005
7/12/2018		<0.0005	<0.0005			<0.0005		
8/15/2018					<0.0005			
8/16/2018				<0.0005				
9/12/2018	<0.0005						<0.0005	
9/13/2018		<0.0005	<0.0005		<0.0005			<0.0005
9/14/2018				<0.0005		<0.0005		
8/25/2020							<0.0005	
8/26/2020	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005
8/27/2020					<0.0005			
9/14/2021							<0.0005	
9/15/2021	<0.0005	<0.0005	<0.0005					<0.0005
9/16/2021				<0.0005	<0.0005	<0.0005		
1/25/2022							<0.0005	
1/26/2022	<0.0005	<0.0005	<0.0005					<0.0005
1/27/2022				<0.0005	<0.0005	<0.0005		
8/24/2022							<0.0005	
8/25/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005

Constituent: Cadmium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			<0.0005					
9/1/2016							<0.0005	
9/8/2016	<0.0005							
10/18/2016				<0.0005	<0.0005			
12/6/2016				<0.0005				
12/7/2016					<0.0005		<0.0005	
12/8/2016	<0.0005					<0.0005		
12/15/2016			<0.0005					
3/21/2017			<0.0005	<0.0005				
3/22/2017	<0.0005						<0.0005	
3/23/2017					<0.0005	0.0001 (J)		
7/11/2017	<0.0005		<0.0005	<0.0005	<0.0005			
7/12/2017						<0.0005	<0.0005	
10/17/2017			<0.0005	<0.0005	<0.0005			
10/18/2017	<0.0005							
10/19/2017						<0.0005	<0.0005	
2/20/2018			<0.0005	<0.0005	<0.0005			
2/21/2018	<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			
7/12/2018	<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				<0.0005	-0.0005	<0.0005	
9/14/2018		-0.0005				<0.0005		
10/4/2018		<0.0005				<0.0005		
10/24/2018		<0.0005		-0.0005	-0.0005			
8/25/2020 8/26/2020	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	<0.0005	
9/14/2021	<0.0003	<0.0005			<0.0005	<0.0005	<0.0003	
9/15/2021	<0.0005	<0.0003		<0.0005	~0.0003			
9/16/2021	~0.0003			~0.0003		<0.0005	<0.0005	
1/25/2022		<0.0005				~0.0003	~0.0003	
1/26/2022	<0.0005	0.3000		<0.0005	<0.0005			
1/27/2022	0.3000			0.3000	3.3000	<0.0005	<0.0005	<0.0005
8/24/2022	<0.0005	<0.0005		<0.0005	<0.0005	<0.0005	3.0000	
8/25/2022	·				y	y	<0.0005	
8/26/2022								<0.0005

Constituent: Calcium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							40.4	
8/31/2016	92.9							132
9/1/2016		74.8						
9/6/2016			74.6					
9/7/2016				100	112	138		
12/6/2016							43.3	
12/7/2016	93.1	74	68.9					125
12/8/2016				102	113	135		
3/21/2017	95						44.1	138
3/22/2017		99.3	77.8	113	122			
3/23/2017						137		
7/11/2017	97.1		77.3				47.4	139
7/12/2017		91.4		110	129	145		
10/17/2017							48.7	
10/18/2017	100	92	84.7	122	125			144
10/19/2017						140		
2/20/2018	93.1						46.8	142
2/21/2018		89	81.8	107	118	145		
7/11/2018	111						65.3 (o)	159
7/12/2018		94.5	85.2			140		
8/15/2018					123			
8/16/2018				113				
9/12/2018	99.3						46.6	
9/13/2018		90.8	80.2		123			136
9/14/2018				108		124		
3/26/2019							43.3	.=-
3/27/2019	105		90.5		134			152
3/28/2019		100		123		164		
9/10/2019								137
10/1/2019	100	101	00.4	445			46.8	
10/2/2019	103	101	89.1	115	100	105		
10/3/2019					139	125	40	
3/24/2020	105			101			48	457
3/25/2020	105	100	00.0	121	100	150		157
3/26/2020		103	89.8		138	158	50.5	444
10/6/2020	111	00.5	84	440	100	444	50.5	144
10/7/2020	444	93.5		112	129	144	F4.7	454
3/3/2021	114	107	00.0	110	100	142	54.7	154
3/4/2021		107	90.9	113	138			
9/14/2021	106	04	01				51	147
9/15/2021	106	94	91	102	125	127		147
9/16/2021				102	135	137	E2 1	
1/25/2022	114	100	00.1				53.1	150
1/26/2022 1/27/2022	114	100	90.1	104	142	122		152
8/24/2022				104	142	133	45.8	
8/24/2022	108	96.7	93	99.5	141	156	40.0	145
0/20/2022	108	96.7	92	99.5	141	156		145

Constituent: Calcium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			45					
9/1/2016							101	
9/8/2016	85.2							
10/18/2016				88.3	57.2			
12/6/2016				83.4				
12/7/2016					52.8		103	
12/8/2016	84.5					117		
12/15/2016			45					
3/21/2017			45.9	94				
3/22/2017	85.3						111	
3/23/2017					59.1	122		
7/11/2017	93		50.7	86	59.7			
7/12/2017						124	119	
10/17/2017			49.8	91.6	64.9			
10/18/2017	87.6							
10/19/2017						118	107	
2/20/2018			44.4	86.5	64.1			
2/21/2018	93.9					122	118	
4/12/2018		<25						
5/23/2018		17.6 (J)						
6/13/2018		14.3						
7/11/2018		15.6	44.9	95.4	60.4			
7/12/2018	87.1					129	121	
8/17/2018		27						
9/12/2018		26.9	46.6	86				
9/13/2018	85.8				58.7		116	
9/14/2018						123		
10/4/2018		25				126		
10/24/2018		23.8						
3/26/2019			44.6	87.3				
3/27/2019	95.2	26.1			54.6			
3/28/2019						117	124	
10/1/2019					64.3			
10/2/2019	92.3	21		95.5				
10/3/2019						110	127	
3/24/2020		26.5						
3/25/2020	97.5			95.8	66.6			
3/26/2020						122	122	
10/6/2020		22.7		98.8	62.8			
10/7/2020	84.2					94.7	109	
3/3/2021	96.8			104	64.8 (M1)			
3/4/2021						106	122	
3/8/2021		41.7						
9/14/2021		13.4			67.8			
9/15/2021	84.4			101				
9/16/2021						92	109	
1/25/2022		20.7					-	
1/26/2022	90.2			102	69.2			
1/27/2022						92.5	112	106
8/24/2022	87.6	27.3		95.2	67.1	96.5		
8/25/2022							107	
8/26/2022								95.5

Constituent: Chloride (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			Plant M	fitchell Client: So	uthern Company D	ata: Mitchell Ash Po	nd CCR		
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A	
8/30/2016							3.1		
8/31/2016	4.9	_						5.1	
9/1/2016		7							
9/6/2016			7.9						
9/7/2016				7.7	6.9	6.8	2.4		
12/6/2016	4.0	7	7.6				3.4	F 2	
12/7/2016 12/8/2016	4.8	7	7.0	7.2	6.8	6.6		5.2	
3/21/2017	4.9			7.2	0.6	0.0	2.9	5.5	
3/22/2017	4.5	7.4	7.7	7.3	6.8		2.5	0.0	
3/23/2017		7	7.7	7.0	0.0	6.6			
7/11/2017	5		8.1				3.4	5.7	
7/12/2017		8		7.4	6.7	6.6			
10/17/2017							3.3		
10/18/2017	5.1	7.8	8.2	7.6	6.8			5.1	
10/19/2017						6.5			
2/20/2018	5.1						3.3	5.5	
2/21/2018		7.2	7.3	7.4	7.1	7.6			
7/11/2018	4.9						2.9	5.1	
7/12/2018		7.5	7.2			6.3			
8/15/2018					6.7				
8/16/2018				7.5					
9/12/2018	4.8						2.8		
9/13/2018		6.8	7.3		6.7			5	
9/14/2018				7.7		6.1			
3/26/2019							3.3		
3/27/2019	5.2		7.3		6.5			4.7	
3/28/2019		7.4		7.3		6.4		0.0	
9/10/2019							2.0	3.8	
10/1/2019 10/2/2019	5.4	8	7.7	7.9			3.6		
10/3/2019	5.4	0	7.7	7.9	7	5.6			
3/24/2020					,	3.0	2.8		
3/25/2020	4.2			6.1			2.0	6.4	
3/26/2020	4.2	7	7	0.1	5.7	5.4		0.4	
10/6/2020	4.4		6.4				3	7	
10/7/2020		6.6		5.7	5	4.5			
3/3/2021	4.2					4	2.8	4.7	
3/4/2021		6.3	5.9	4.2	5.1				
9/14/2021							2.9		
9/15/2021	3.9	5.8	5.6					2.8	
9/16/2021				4.2	4.7	3.5			
1/25/2022							2.9		
1/26/2022	4.4	6.3	6.1					3.6	
1/27/2022				3.8	4.9	3.7			

4.6 6.4 6.3 3.9 4.6 4.6

8/24/2022

8/25/2022

2.6

3.2

Constituent: Chloride (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

		PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30)/2016			2.9					
9/1/2	2016							7.4	
9/8/2	2016	4							
10/1	8/2016				4.5	3.5			
12/6	5/2016				5				
12/7	7/2016					3.2		7.6	
12/8	3/2016	3.6					6.9		
12/1	5/2016			0.05					
	/2017			2.8	4.3				
	2/2017	3.3						7.2	
	3/2017					2.9	6.2		
	/2017	3		3.1	4.7	3.1			
	2/2017						6	7.3	
	7/2017			3	4.6	3			
	8/2017	2.9							
	9/2017						6.4	7.4	
)/2018			2.9	4.4	3			
	/2018	2.9					6.9	7.6	
	2/2018	2.0	2.6				0.0	7.0	
	3/2018		2.5						
	3/2018		2.5						
	/2018		2.6	2.7	4	2.8			
	2/2018	2.6	2.0	2.,	-	2.0	7.3	7.1	
	7/2018	2.0	2.6				7.5	7.1	
	2/2018		2.3	2.4	3.7				
	3/2018	2.3	2.3	2.4	3.7	2.2		6.6	
	1/2018	2.3				2.2	7.3	0.0	
	1/2018		2.7				7.3		
	24/2018		2.8				,		
			2.0	2.9	3.8				
	5/2019 7/2019	2.4	2.5	2.9	3.0	3.1			
	3/2019	2.4	2.5			3.1	4.8	6.4	
						2.1	4.0	0.4	
	/2019	2.6	2.7		4.2	3.1			
	2/2019	2.6	2.7		4.3		4.1	F.0	
	3/2019		2.2				4.1	5.9	
	/2020	1.0	2.2		2	2.2			
	5/2020	1.6			3	2.2	2.0	4.0	
	3/2020		2.2		2.4	2.2	2.9	4.8	
	5/2020	1.0	2.3		3.4	2.3	2	2.0	
	7/2020	1.8			0.4	2.2	2	3.9	
	2021	1.6			3.1	2.2	1.0	4	
	2021		0.4				1.8	4	
	2021		2.4						
	1/2021		2.5			2.2			
	5/2021	1.8			2.8		4.5	0.0	
	5/2021						1.5	3.3	
	5/2022		2.4		0.0	0.4			
	6/2022	1.7			3.2	2.4	1.0	2.0	2.2
	7/2022	1.0	0.4			0.7	1.8	3.8	3.2
	1/2022	1.8	2.1		3	2.7	1.8		
	5/2022							4.1	
8/26	5/2022								2.4

Constituent: Chromium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.0039 (J)	
8/31/2016	<0.005							<0.005
9/1/2016		<0.005						
9/6/2016			<0.005					
9/7/2016				<0.005	<0.005	<0.005		
12/6/2016							0.0047 (J)	
12/7/2016	<0.005	<0.005	<0.005					<0.005
12/8/2016				<0.005	<0.005	<0.005		
3/21/2017	<0.005						0.0047 (J)	0.0009 (J)
3/22/2017		<0.005	0.0008 (J)	<0.005	<0.005			
3/23/2017						<0.005		
7/11/2017	<0.005		<0.005				0.0054 (J)	0.0016 (J)
7/12/2017		<0.005		<0.005	<0.005	<0.005		
10/17/2017							0.0053 (J)	
10/18/2017	<0.005	<0.005	<0.005	<0.005	<0.005			0.0019 (J)
10/19/2017						<0.005		
2/20/2018	<0.005						0.0029 (J)	<0.005
2/21/2018		<0.005	<0.005	<0.005	<0.005	<0.005		
7/11/2018	<0.005						0.0057 (J)	0.0021 (J)
7/12/2018		<0.005	<0.005			<0.005		
8/15/2018					<0.005			
8/16/2018				<0.005				
9/12/2018	<0.005						0.0033 (J)	
9/13/2018		<0.005	<0.005		<0.005			0.0022 (J)
9/14/2018				<0.005		<0.005		
9/10/2019								0.0044 (X)
10/1/2019							0.0022 (X)	
10/2/2019	<0.005	<0.005	0.00044 (X)	<0.005				
10/3/2019					<0.005	<0.005		
3/24/2020	0.0010 (1)			.0.005			0.0036 (J)	0.0040 (1)
3/25/2020	0.0013 (J)	.0.005	0.0040 (1)	<0.005	0.00050 (1)	0.00070 (1)		0.0012 (J)
3/26/2020		<0.005	0.0013 (J)		0.00056 (J)	0.00073 (J)	0.000 (1)	
8/25/2020	0.0011 (1)	-0.005	0.00007./1)	-0.005		-0.005	0.003 (J)	0.0014 (1)
8/26/2020 8/27/2020	0.0011 (J)	<0.005	0.00087 (J)	<0.005	<0.00E	<0.005		0.0014 (J)
	0.00008 (1)		0.0011 (1)		<0.005		0.0021 (1)	0.0015 (1)
10/6/2020	0.00098 (J)	<0.005	0.0011 (J)	-0.005	-0.005	-0.005	0.0021 (J)	0.0015 (J)
10/7/2020	0.00007 (1)	<0.005		<0.005	<0.005	<0.005	0.0018 (1)	0.0015 (1)
3/3/2021 3/4/2021	0.00097 (J)	<0.00E	0.0012 (J)	<0.00E	<0.005	<0.005	0.0018 (J)	0.0015 (J)
9/14/2021		<0.005	0.0012 (3)	<0.005	<0.005		0.002 (J)	
	0.001471)	<0.00E	0.0011 (J)				0.002 (3)	0.0010 (1)
9/15/2021 9/16/2021	0.0014 (J)	<0.005	0.0011 (J)	<0.005	<0.005	<0.005		0.0019 (J)
1/25/2022				-0.003	-0.003	-0.000	0.0025 (J)	
1/26/2022	0.0012 (J)	<0.005	0.0013 (J)				0.0023 (3)	0.0028 (J)
1/27/2022	0.0012 (0)	-0.000	0.0010 (0)	<0.005	<0.005	<0.005		J.0020 (J)
8/24/2022				-0.000	-0.000	-0.000	0.0025 (J)	
8/25/2022	0.0014 (J)	<0.005	0.0012 (J)	<0.005	<0.005	<0.005	5.5020 (5)	0.0022 (J)
5,20,2022	5.50 14 (J)	5.000	0.0012 (0)	5.000	5.000	5.000		3.00 <u>2</u> 2 (0)

Constituent: Chromium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			0.0021					
9/1/2016							<0.005	
9/8/2016	<0.005							
10/18/2016				<0.005	<0.005			
12/6/2016				<0.005				
12/7/2016					<0.005		0.003 (J)	
12/8/2016	<0.005					<0.005		
12/15/2016			0.0024					
3/21/2017			0.0029	0.0006 (J)				
3/22/2017	<0.005						0.0005 (J)	
3/23/2017					0.0005 (J)	0.0017 (J)		
7/11/2017	<0.005		0.0033	0.0006 (J)	<0.005			
7/12/2017						<0.005	<0.005	
10/17/2017			0.004	0.0008 (J)	0.0005 (J)			
10/18/2017	<0.005							
10/19/2017						<0.005	0.0005 (J)	
2/20/2018			0.003	<0.005	<0.005			
2/21/2018	<0.005					<0.005	<0.005	
4/12/2018		0.01						
5/23/2018		0.011						
6/13/2018		0.011						
7/11/2018		0.0096 (J)	0.0039	<0.005	<0.005			
7/12/2018	<0.005					<0.005	<0.005	
8/17/2018		0.0078 (J)						
9/12/2018		0.0056 (J)	0.0029	<0.005				
9/13/2018	<0.005				<0.005		<0.005	
9/14/2018						<0.005		
10/4/2018		0.0057 (J)				<0.005		
10/24/2018		0.0058 (J)						
10/1/2019					<0.005			
10/2/2019	<0.005	0.0049 (X)		0.00043 (X)				
10/3/2019						<0.005	0.0004 (X)	
3/24/2020		0.0047 (J)						
3/25/2020	<0.005			0.0013 (J)	0.00086 (J)			
3/26/2020						<0.005	0.0016 (J)	
8/25/2020				0.0011 (J)	0.001 (J)			
8/26/2020	<0.005	0.004 (J)				<0.005	0.0011 (J)	
10/6/2020		0.0065 (J)		0.0013 (J)	0.00072 (J)			
10/7/2020	<0.005					<0.005	0.0014 (J)	
3/3/2021	<0.005			0.0015 (J)	<0.005			
3/4/2021						<0.005	0.0024 (J)	
3/8/2021		0.0028 (J)						
9/14/2021		0.0084			<0.005			
9/15/2021	<0.005			0.0014 (J)				
9/16/2021						<0.005	0.0025 (J)	
1/25/2022		0.0098						
1/26/2022	<0.005			0.0015 (J)	<0.005			
1/27/2022	-0.005	0.0000		0.0045 ("	-0.005	<0.005	0.0034 (J)	<0.005
8/24/2022	<0.005	0.0066		0.0015 (J)	<0.005	<0.005	0.000471	
8/25/2022							0.0024 (J)	<0.005
8/26/2022								<0.005

Constituent: Cobalt (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

		D7 14						_	
		PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
	8/30/2016							<0.005	
	8/31/2016	<0.005							<0.005
	9/1/2016		0.0012 (J)						
	9/6/2016			0.0005 (J)					
	9/7/2016				0.0011 (J)	0.0011 (J)	0.0012 (J)		
	12/6/2016							<0.005	
	12/7/2016	0.002 (J)	0.0005 (J)	<0.005					0.0008 (J)
	12/8/2016				0.0006 (J)	<0.005	0.0009 (J)		
	3/21/2017	<0.005						<0.005	<0.005
	3/22/2017		0.0005 (J)	<0.005	0.0006 (J)	<0.005			
	3/23/2017						<0.005		
	7/11/2017	0.0003 (J)		<0.005				<0.005	<0.005
	7/12/2017		0.0004 (J)		0.0005 (J)	<0.005	<0.005		
	10/17/2017							<0.005	
	10/18/2017	<0.005	0.0004 (J)	<0.005	0.0005 (J)	<0.005			<0.005
	10/19/2017						<0.005		
	2/20/2018	<0.005						<0.005	<0.005
	2/21/2018		<0.005	<0.005	<0.005	<0.005	<0.005		
	7/11/2018	<0.005						<0.005	<0.005
	7/12/2018		<0.005	<0.005			<0.005		
	8/15/2018					<0.005			
	8/16/2018				<0.005				
	9/12/2018	<0.005						<0.005	
	9/13/2018		<0.005	<0.005		<0.005			<0.005
	9/14/2018				<0.005		<0.005		
	9/10/2019								<0.005
	10/1/2019							<0.005	
	10/2/2019	<0.005	<0.005	<0.005	<0.005				
	10/3/2019					<0.005	<0.005		
	3/24/2020							<0.005	
	3/25/2020	<0.005	.0.005	0.005	0.00032 (J)	.0.005	0.005		0.0003 (J)
	3/26/2020		<0.005	<0.005		<0.005	<0.005		
	8/25/2020							<0.005	
	8/26/2020	<0.005	<0.005	<0.005	<0.005	.0.005	<0.005		0.00058 (J)
	8/27/2020	.0.005		0.005		<0.005		0.005	0.00007.(1)
	10/6/2020	<0.005	.0.005	<0.005	.0.005	.0.005	0.005	<0.005	0.00067 (J)
	10/7/2020	-0.005	<0.005		<0.005	<0.005	<0.005	-0.005	0.0004071
	3/3/2021	<0.005		0.005	0.005	.0.005	<0.005	<0.005	0.00049 (J)
	3/4/2021		<0.005	<0.005	<0.005	<0.005		0.005	
	9/14/2021	.0.005	.0.005	0.005				<0.005	
	9/15/2021	<0.005	<0.005	<0.005	<0.00E	<0.00E	<0.00E		<0.005
	9/16/2021				<0.005	<0.005	<0.005	-0.005	
	1/25/2022	-0.005	-0.005	-0.005				<0.005	10.005
	1/26/2022	<0.005	<0.005	<0.005	<0.00E	<0.00E	<0.00E		<0.005
	1/27/2022				<0.005	<0.005	<0.005	<0.00E	
	8/24/2022	<0.00E	<0.00E	<0.00E	<0.00E	<0.00E	<0.00E	<0.005	<0.00E
8	8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005

Constituent: Cobalt (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			<0.005	, ,,	, 5,			
9/1/2016							<0.005	
9/8/2016	0.0008 (J)							
10/18/2016	,			<0.005	<0.005			
12/6/2016				0.0018 (J)				
12/7/2016				(,,	0.0015 (J)		<0.005	
12/8/2016	<0.005				(-)	0.0041 (J)		
12/15/2016			<0.005			(1)		
3/21/2017			<0.005	<0.005				
3/22/2017	0.001 (J)						<0.005	
3/23/2017					<0.005	0.0008 (J)		
7/11/2017	0.001 (J)		<0.005	<0.005	<0.005	(-)		
7/12/2017						0.0007 (J)	<0.005	
10/17/2017			<0.005	<0.005	<0.005	(1)		
10/18/2017	0.0011 (J)							
10/19/2017						0.0005 (J)	<0.005	
2/20/2018			<0.005	<0.005	<0.005	(-)		
2/21/2018	0.00075 (J)					0.0012 (J)	<0.005	
4/12/2018		<0.005				(0)		
5/23/2018		<0.005						
6/13/2018		<0.005						
7/11/2018		<0.005	<0.005	<0.005	<0.005			
7/12/2018	0.0008 (J)					0.00053 (J)	<0.005	
8/17/2018	(-)	<0.005						
9/12/2018		<0.005	<0.005	<0.005				
9/13/2018	0.001 (J)				<0.005		<0.005	
9/14/2018						<0.005		
10/4/2018		<0.005				<0.005		
10/24/2018		<0.005						
10/1/2019					<0.005			
10/2/2019	0.0017 (X)	<0.005		<0.005				
10/3/2019	()					<0.005	<0.005	
3/24/2020		<0.005						
3/25/2020	0.0018 (J)			<0.005	<0.005			
3/26/2020	(5)					<0.005	<0.005	
8/25/2020				<0.005	<0.005			
8/26/2020	0.0016 (J)	<0.005				<0.005	<0.005	
10/6/2020	(5)	<0.005		<0.005	<0.005			
10/7/2020	0.0014 (J)					<0.005	<0.005	
3/3/2021	0.0016 (J)			<0.005	<0.005			
3/4/2021	(-)					<0.005	<0.005	
3/8/2021		<0.005						
9/14/2021		<0.005			<0.005			
9/15/2021	0.002 (J)			<0.005				
9/16/2021	\-/					<0.005	<0.005	
1/25/2022		<0.005						
1/26/2022	0.0016 (J)			<0.005	<0.005			
1/27/2022	· · /					<0.005	<0.005	0.0043 (J)
8/24/2022	0.0016 (J)	<0.005		<0.005	<0.005	<0.005		V-7
8/25/2022	- \-/	-		-	-	-	<0.005	
8/26/2022								0.0012 (J)
								•

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/21/2022 9:22 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.503 (U)	
8/31/2016	1.77							1.85
9/1/2016		1.19						
9/6/2016			1.12					
9/7/2016				1.06 (U)	1.51	1.22		
12/6/2016							0.302 (U)	
12/7/2016	0.672 (U)	1.88	1.37					0.844 (U)
12/8/2016				1.3	1.29	1.69		
3/21/2017	0.33 (U)						0.526 (U)	0.832 (U)
3/22/2017		0.617 (U)	0.435 (U)	0.566 (U)	0.799 (U)			
3/23/2017						1.07		
7/11/2017	0.701 (U)		0.76 (U)				0.676 (U)	0.824 (U)
7/12/2017		0.674 (U)		0.856 (U)	0.4 (U)	0.849 (U)		
10/17/2017							0.201 (U)	
10/18/2017	0.808 (U)	0.844 (U)	0.847 (U)	0.957	0.613 (U)			1.19
10/19/2017						0.398 (U)		
2/20/2018	2.12						1.07 (U)	0.975 (U)
2/21/2018		0.842 (U)	0.373 (U)	1.4	0.736 (U)	1.03 (U)		
7/11/2018	0.232 (U)						0.825 (U)	1.29
7/12/2018		0.552 (U)	0.408 (U)			1.28 (U)		
9/12/2018	0.532 (U)						0.317 (U)	
9/13/2018		0.662 (U)	0.472 (U)		0.708 (U)			0.765 (U)
9/14/2018				1.16		0.74 (U)		
9/10/2019								0.575 (U)
10/1/2019							0.953 (U)	
10/2/2019	0.915 (U)	1 (U)	0.65 (U)	1.34 (U)				
10/3/2019					2.07	1.9		
3/24/2020							2.23	
3/25/2020	0.694 (U)			0.385 (U)				1.39
3/26/2020		0.863 (U)	0.522 (U)		1.05	1.66		
8/25/2020							0.777 (U)	
8/26/2020	0.115 (U)	0.681 (U)	0.499 (U)	1.62		0.703 (U)		0.774 (U)
10/6/2020	0.265 (U)		1.12 (U)				0.996 (U)	1.24 (U)
10/7/2020		1.22 (U)		0.432 (U)	0.365 (U)	0.893		
3/3/2021	0.328 (U)					0.469 (U)	0.915 (U)	1.01 (U)
3/4/2021		0.674 (U)	0.404 (U)	0.734 (U)	0.498 (U)			
9/14/2021							0.532 (U)	
9/15/2021	0.872 (U)	0.729 (U)	0.721 (U)					0.742 (U)
9/16/2021				0.377 (U)	0.681 (U)	1.4		
1/25/2022							0.32 (U)	
1/26/2022	0.185 (U)	0.879 (U)	0.117 (U)					0.76 (U)
1/27/2022				0.314 (U)	0.418 (U)	0.255 (U)		
8/24/2022							0.196 (U)	
8/25/2022	0.453 (U)	1.05	0.728 (U)	0.98 (U)	0.0434 (U)	0.937		0.396 (U)

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/21/2022 9:22 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

		PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2	2016			1.13					
9/1/20	016							0.88 (U)	
9/8/20	016	1.41							
10/18	3/2016				0.0311 (U)	0.0333 (U)			
12/6/2	2016				0.301 (U)				
12/7/	2016					0.507 (U)		0.179 (U)	
12/8/	2016	1.39					0.968 (U)		
12/15	5/2016			1.88					
3/21/2	2017			1.07	0.506 (U)				
3/22/2	2017	0.852 (U)						0.279 (U)	
3/23/2	2017					0.378 (U)	0.444 (U)		
7/11/2	2017	1.04		1.02	0.0701 (U)	1.04			
7/12/2	2017						0.814 (U)	0.125 (U)	
10/17	7/2017			1.17	0.412 (U)	0.779 (U)			
10/18	3/2017	0.678 (U)							
10/19	9/2017						0.748 (U)	0.329 (U)	
2/20/2	2018			1.11	0.81 (U)	0.906 (U)			
2/21/2	2018	0.863 (U)					1.05 (U)	0.504 (U)	
4/12/2	2018		0.774 (U)						
5/23/2	2018		0.301 (U)						
6/13/2	2018		0.508 (U)						
7/11/2	2018		1.66	1.2	0.749 (U)	0.505 (U)			
7/12/2	2018	1.42					0.751 (U)	0.188 (U)	
9/12/2	2018		0.217 (U)	1.07	0.2 (U)				
9/13/2	2018	0.766 (U)				0.313 (U)		0.0542 (U)	
9/14/2	2018						1.01 (U)		
10/4/2	2018		1.14				1.05		
10/24	1/2018		0.441 (U)						
10/1/2	2019					1.01 (U)			
10/2/2	2019	1.48	0.712 (U)		0.0883 (U)				
10/3/2							1.62 (U)	1.37	
3/24/2	2020		0.898 (U)						
3/25/2	2020	0.91 (U)			1.79	0.333 (U)			
3/26/2	2020						0.473 (U)	0.43 (U)	
8/25/2					0.405 (U)	0.34 (U)			
8/26/2	2020	0.95 (U)					0.782 (U)	0.572 (U)	
10/6/2			0.929 (U)		0.276 (U)	0.371 (U)			
10/7/2	2020	1.01 (U)					0.442 (U)	0.232 (U)	
3/3/2		0.545 (U)			0.907 (U)	0.836 (U)			
3/4/20	021						1.03 (U)	0.529 (U)	
3/8/2	021		0.475 (U)						
9/14/2			0.972 (U)			0.68 (U)			
9/15/2		1.07 (U)			0.0517 (U)				
9/16/2		. ,			. ,		0.184 (U)	0.382 (U)	
1/25/2			0.146 (U)				` '	. ,	
1/26/2		0.282 (U)	` '		0.0386 (U)	0.449 (U)			
1/27/2		(-/			(-)	\-/	0.259 (U)	0.315 (U)	1.13
8/24/2		0.764 (U)	0.0268 (U)		0.781 (U)	0.342 (U)	0.764 (U)	\ - <i>)</i>	
8/25/2		- (-)	(-)		(-)	(-/	(-)	0.771 (U)	
8/26/2								\ - <i>)</i>	0.488 (U)
									V-7

Constituent: Fluoride (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.06 (J)	
8/31/2016	0.13 (J)							0.13 (J)
9/1/2016		0.06 (J)						
9/6/2016			0.09 (J)					
9/7/2016				0.03 (J)	0.12 (J)	0.15 (J)		
12/6/2016							0.06 (J)	
12/7/2016	0.07 (J)	0.09 (J)	0.09 (J)					0.13 (J)
12/8/2016				0.18 (J)	0.18 (J)	0.12 (J)		
3/21/2017	<0.1						0.004 (J)	0.05 (J)
3/22/2017		0.11 (J)	0.04 (J)	0.09 (J)	0.08 (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		0.23 (J)		0.21 (J)	0.17 (J)	0.07 (J)		
10/17/2017							<0.1	
10/18/2017	0.11 (J)	0.19 (J)	0.04 (J)	0.24 (J)	0.06 (J)			<0.1
10/19/2017						<0.1		
2/20/2018	0.04 (J)						0.098 (J)	0.3 (J)
2/21/2018		0.093 (J)	<0.1	0.24 (J)	0.086 (J)	0.37		
7/11/2018	<0.1						<0.1	0.077 (J)
7/12/2018		<0.1	<0.1			0.17 (J)		
8/15/2018					<0.1			
8/16/2018				0.073 (J)				
9/12/2018	<0.1						0.034 (J)	
9/13/2018		0.15 (J)	<0.1		<0.1			<0.1
9/14/2018				<0.1		<0.1		
3/26/2019							<0.1	
3/27/2019	<0.1		<0.1		<0.1			<0.1
3/28/2019		0.1		0.15		0.074		
9/10/2019								<0.1
10/1/2019							0.062 (X)	
10/2/2019	0.056 (X)	0.075 (X)	0.053 (X)	0.063 (X)	0.040.00	0.004.00		
10/3/2019					0.043 (X)	0.084 (X)	0.4	
3/24/2020				0.4			<0.1	0.000 (1)
3/25/2020	<0.1	0.050 (1)	-0.4	<0.1	-0.4	0.077 (1)		0.066 (J)
3/26/2020		0.056 (J)	<0.1		<0.1	0.077 (J)	-0.1	
8/25/2020 8/26/2020	-0.1	-0.1	-0.1	-0.1		0.062 (1)	<0.1	0.057 (1)
	<0.1	<0.1	<0.1	<0.1	-0.1	0.062 (J)		0.057 (J)
8/27/2020 10/6/2020	<0.1		<0.1		<0.1		<0.1	0.052 (J)
10/7/2020	<0.1	<0.1	<0.1	<0.1	<0.1	0.064 (J)	<0.1	0.032 (3)
3/3/2021	<0.1	~ 0.1		<0.1	<0.1	0.058 (J)	<0.1	<0.1
3/4/2021	<0.1	<0.1	<0.1	<0.1	<0.1	0.056 (3)	<0.1	0.1
9/14/2021		~0.1	~0.1	~0.1	~0.1		<0.1	
9/15/2021	<0.1	<0.1	<0.1				~U. I	<0.1
9/16/2021	5U. I	5V. I	70.1	0.052 (J)	<0.1	0.067 (J)		-0.1
1/25/2022				0.002 (0)	-0.1	0.007 (0)	<0.1	
1/26/2022	<0.1	<0.1	<0.1				-U. I	<0.1
1/27/2022	-0.1	-0.1	-V. I	<0.1	<0.1	0.056 (J)		-0.1
8/24/2022				-0.1	-0.1	0.000 (0)	0.08 (J)	
8/25/2022	0.051 (J)	0.074 (J)	0.058 (J)	0.078 (J)	0.052 (J)	0.086 (J)	00 (0)	0.074 (J)
	(0)		000 (0)	(0)		000 (0)		(0)

Constituent: Fluoride (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			0.09					
9/1/2016							<0.1	
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)		0.15 (J)	
12/8/2016	0.22 (J)					0.21 (J)		
12/15/2016			<0.1					
3/21/2017			<0.1	0.02 (J)				
3/22/2017	0.16 (J)						0.09 (J)	
3/23/2017					<0.1	0.18 (J)		
7/11/2017	0.23 (J)		0.02	0.06 (J)	0.02 (J)			
7/12/2017						0.06 (J)	0.02 (J)	
10/17/2017			0.06	0.05 (J)	<0.1			
10/18/2017	0.28 (J)							
10/19/2017						<0.1	<0.1	
2/20/2018			0.17	0.21 (J)	<0.1			
2/21/2018	0.29 (J)					0.039 (J)	0.045 (J)	
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			
7/12/2018	0.21 (J)					<0.1	<0.1	
8/17/2018		<0.1						
9/12/2018		0.093 (J)	<0.1	0.049 (J)				
9/13/2018	0.22 (J)				<0.1		<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	<0.1				
3/27/2019	0.37	0.04			<0.1			
3/28/2019						<0.1	<0.1	
10/1/2019					0.042 (X)			
10/2/2019	0.16 (X)	0.11 (X)		0.057 (X)				
10/3/2019						0.06 (X)	0.041 (X)	
3/24/2020		0.051 (J)						
3/25/2020	0.13 (J)			<0.1	<0.1			
3/26/2020						<0.1	<0.1	
8/25/2020				<0.1	<0.1			
8/26/2020	0.14	0.057 (J)				<0.1	<0.1	
10/6/2020		0.073 (J)		<0.1	<0.1			
10/7/2020	0.13					<0.1	<0.1	
3/3/2021	0.12			<0.1	<0.1			
3/4/2021						<0.1	<0.1	
3/8/2021		<0.1						
9/14/2021		0.089 (J)			<0.1			
9/15/2021	0.14			<0.1				
9/16/2021						<0.1	<0.1	
1/25/2022		0.071 (J)						
1/26/2022	0.11			<0.1	<0.1			
1/27/2022						<0.1	<0.1	0.057 (J)
8/24/2022	0.15	0.088 (J)		0.069 (J)	0.058 (J)	0.092 (J)		

Constituent: Fluoride (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/25/2022							0.056 (J)	
8/26/2022								0.083 (J)

Constituent: Lead (mg/L) Analysis Run 11/21/2022 9:22 AM

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016	0.004						<0.001	0.004
8/31/2016	<0.001	-0.004						<0.001
9/1/2016		<0.001	-0.001					
9/6/2016			<0.001	-0.001	10.001	-0.004		
9/7/2016 12/6/2016				<0.001	<0.001	<0.001	<0.001	
12/7/2016	<0.001	<0.001	<0.001				<0.001	<0.001
12/8/2016	\0.001	\0.001	\0.001	<0.001	<0.001	<0.001		~0.001
3/21/2017	<0.001			\0.001	10.001	\0.001	<0.001	<0.001
3/22/2017	10.001	5E-05 (J)	<0.001	<0.001	<0.001		10.001	10.001
3/23/2017		02 00 (0)	-0.001	-0.001	-0.001	<0.001		
7/11/2017	<0.001		<0.001			0.001	<0.001	<0.001
7/12/2017		<0.001		<0.001	<0.001	<0.001		
10/17/2017							0.0001 (J)	
10/18/2017	<0.001	<0.001	<0.001	<0.001	<0.001		. ,	<0.001
10/19/2017						<0.001		
2/20/2018	<0.001						<0.001	<0.001
2/21/2018		<0.001	<0.001	<0.001	0.00043 (J)	<0.001		
7/11/2018	<0.001						<0.001	<0.001
7/12/2018		<0.001	<0.001			<0.001		
8/15/2018					<0.001			
8/16/2018				<0.001				
9/12/2018	<0.001						<0.001	
9/13/2018		<0.001	<0.001		<0.001			<0.001
9/14/2018				<0.001		<0.001		
9/10/2019								<0.001
10/1/2019							<0.001	
10/2/2019	<0.001	<0.001	8.1E-05 (X)	<0.001				
10/3/2019					<0.001	<0.001		
3/24/2020							6.2E-05 (J)	
3/25/2020	<0.001			<0.001				0.00015 (J)
3/26/2020		<0.001	<0.001		<0.001	<0.001		
8/25/2020							6.5E-05 (J)	
8/26/2020	<0.001	<0.001	<0.001	<0.001		<0.001		<0.001
8/27/2020					<0.001			
10/6/2020	<0.001		<0.001				6.6E-05 (J)	4.7E-05 (J)
10/7/2020		<0.001		<0.001	4.2E-05 (J)	4.2E-05 (J)		
3/3/2021	<0.001					<0.001	5.5E-05 (J)	5.8E-05 (J)
3/4/2021		<0.001	<0.001	<0.001	<0.001			
9/14/2021							<0.001	
9/15/2021	<0.001	<0.001	<0.001	0.004	.0.004	.0.004		<0.001
9/16/2021				<0.001	<0.001	<0.001	z0.001	
1/25/2022	<0.001	<0.001	-0.001				<0.001	-0.001
1/26/2022 1/27/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
8/24/2022				~ 0.001	<0.001	~U.UU1	<0.001	
8/24/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	~U.UU I	<0.001
UIZJIZUZZ	-U.UU I	-U.UU I	~U.UU I	-U.UU I	~U.UU I	-U.UU I		-0.001

Constituent: Lead (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/201	6		0.0002					
9/1/2016							<0.001	
9/8/2016	<0.001							
10/18/20	16			<0.001	0.0001 (J)			
12/6/201	6			<0.001				
12/7/201	6				<0.001		<0.001	
12/8/201	6 <0.001					<0.001		
12/15/20	16		0.0002					
3/21/201	7		<0.001	<0.001				
3/22/201	7 <0.001						<0.001	
3/23/201	7				0.0002 (J)	9E-05 (J)		
7/11/201	7 <0.001		<0.001	<0.001	<0.001			
7/12/201						<0.001	<0.001	
10/17/20	17		<0.001	0.0005 (J)	7E-05 (J)			
10/18/20								
10/19/20						<0.001	<0.001	
2/20/201			<0.001	<0.001	<0.001			
2/21/201						<0.001	<0.001	
4/12/201		<0.001						
5/23/201		<0.001						
6/13/201		<0.001						
7/11/201		<0.001	<0.001	<0.001	<0.001			
7/12/201						<0.001	<0.001	
8/17/201		<0.001						
9/12/201		<0.001	<0.001	<0.001				
9/13/201					<0.001		<0.001	
9/14/201						<0.001		
10/4/201		<0.001				<0.001		
10/24/20		<0.001						
10/1/201					<0.001			
10/2/201		4.7E-05 (X)		8.1E-05 (X)				
10/3/201		,		,		4.7E-05 (X)	<0.001	
3/24/202		<0.001				= 22 (1)		
3/25/202		0.001		<0.001	<0.001			
3/26/202				0.001	0.001	<0.001	<0.001	
8/25/202				<0.001	6.3E-05 (J)	0.00	0.001	
8/26/202		<0.001		0.001	0.02 00 (0)	<0.001	<0.001	
10/6/202		<0.001		<0.001	<0.001	-0.001	-0.001	
10/7/202						<0.001	<0.001	
3/3/2021				<0.001	<0.001	0.001	0.001	
3/4/2021				0.001	0.001	<0.001	4.1E-05 (J)	
3/8/2021		6.2E-05 (J)				-0.001	4.12 00 (0)	
9/14/202		<0.001			<0.001			
9/15/202		0.001		<0.001	0.001			
9/16/202				3.001		<0.001	<0.001	
1/25/202		<0.001				0.001	0.001	
1/25/202		-0.501		<0.001	<0.001			
1/27/202				-0.001	-0.00 I	<0.001	<0.001	<0.001
8/24/202		<0.001		<0.001	<0.001	<0.001	50.00 I	-0.001
8/25/202		-0.00 i		-0.001	-0.00 I	-0.00 I	<0.001	
8/26/202							-0.001	<0.001
5/20/202	-							-0.001

Constituent: Lithium (mg/L) Analysis Run 11/21/2022 9:22 AM

8/30/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg) <0.03	PZ-23A
8/31/2016	<0.03						<0.03	<0.03
9/1/2016	~0.03	<0.03						~0.03
9/6/2016		<0.03	<0.03					
9/7/2016			<0.03	<0.03	<0.03	0.0092 (1)		
12/6/2016				<0.03	<0.03	0.0082 (J)	<0.03	
12/7/2016	0.003 (J)	<0.03	<0.03				<0.03	<0.03
12/7/2016	0.003 (3)	<0.03	<0.03	<0.03	<0.03	0.0061 (1)		<0.03
3/21/2017	<0.03			<0.03	<0.03	0.0061 (J)	<0.03	<0.03
3/22/2017	<0.03	0.0011 (J)	<0.03	0.0021 (J)	0.0029 (J)		<0.03	<0.03
3/23/2017		0.0011 (3)	~0.03	0.0021 (3)	0.0029 (3)	0.0122 (J)		
7/11/2017	<0.03		<0.03			0.0122 (3)	<0.03	<0.03
7/11/2017	~0.03	<0.03	~0.03	0.002 (J)	0.0024 (J)	0.013 (J)	~0.03	~0.03
10/17/2017		10.03		0.002 (3)	0.0024 (3)	0.013 (3)	<0.03	
10/18/2017	<0.03	<0.03	<0.03	0.002 (J)	0.0027 (J)		10.00	<0.03
10/18/2017	~0.03	~0.03	~0.03	0.002 (3)	0.0027 (3)	0.013 (J)		~0.03
2/20/2018	<0.03					0.013 (3)	<0.03	<0.03
2/21/2018	10.03	<0.03	<0.03	0.0022 (J)	0.0021 (J)	0.0085 (J)	10.00	10.00
7/11/2018	<0.03	~0.03	~0.03	0.0022 (3)	0.0021 (3)	0.0083 (3)	<0.03	<0.03
7/11/2018	~0.03	0.0012 (J)	<0.03			0.013 (J)	~0.03	~0.03
8/15/2018		0.0012 (3)	10.00		0.0027 (J)	0.013 (0)		
8/16/2018				0.0027 (J)	0.0027 (0)			
9/12/2018	<0.03			0.0027 (0)			<0.03	
9/13/2018	-0.00	0.0013 (J)	<0.03		0.0029 (J)		-0.00	<0.03
9/14/2018		0.0010 (0)	-0.00	0.0025 (J)	0.0020 (0)	0.018 (J)		-0.00
9/10/2019				0.0020 (0)		0.0.0		<0.03
10/1/2019							<0.03	0.00
10/2/2019	<0.03	0.0013 (X)	<0.03	0.0024 (X)			0.00	
10/3/2019	0.00	0.0010 (71)	0.00	0.002 1 (71)	0.0027 (X)	0.016 (X)		
3/24/2020							<0.03	
3/25/2020	<0.03			0.003 (J)			0.00	0.0011 (J)
3/26/2020		0.0014 (J)	<0.03	(-)	0.0027 (J)	0.013 (J)		(-,
8/25/2020					(-)	(5)	<0.03	
8/26/2020	<0.03	0.0013 (J)	<0.03	0.0028 (J)		0.011 (J)		0.0011 (J)
8/27/2020		(0)			0.0025 (J)			
10/6/2020	<0.03		<0.03		(-)		<0.03	0.00097 (J)
10/7/2020		0.0013 (J)		0.0029 (J)	0.003 (J)	0.013 (J)		. ,
3/3/2021	<0.03	(3)		(,,	(1)	0.015 (J)	<0.03	0.001 (J)
3/4/2021		0.0014 (J)	<0.03	0.002 (J)	0.0029 (J)	()		· /
9/14/2021		. ,		,	. ,		<0.03	
9/15/2021	<0.03	0.0013 (J)	<0.03					0.00085 (J)
9/16/2021		(3)		0.0021 (J)	0.0023 (J)	0.013 (J)		(-)
1/25/2022				.,,	,	.,	<0.03	
1/26/2022	<0.03	0.0013 (J)	<0.03					<0.03
1/27/2022		` '		0.0022 (J)	0.003 (J)	0.016 (J)		
8/24/2022				.,	,	.,	<0.03	
8/25/2022	<0.03	0.0012 (J)	<0.03	0.0018 (J)	0.0033 (J)	0.012 (J)		<0.03
		` '		/	1.7	` '		

Constituent: Lithium (mg/L) Analysis Run 11/21/2022 9:22 AM											
				Plant M	litchell Client: South	nern Company Da	ita: Mitchell Ash P	ond CCR			
		PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57		
	8/30/2016			< 0.03							
	9/1/2016							0.0022 (J)			
	9/8/2016	0.0038 (J)									
	10/18/2016				<0.03	<0.03					
	12/6/2016				<0.03						
	12/7/2016					<0.03		0.0023 (J)			
	12/8/2016	0.0038 (J)					<0.03				
	12/15/2016			<0.03							
	3/21/2017			<0.03	<0.03						
	3/22/2017	0.0068 (J)						0.0025 (J)			
	3/23/2017					<0.03	<0.03				
	7/11/2017	0.0059 (J)		<0.03	<0.03	<0.03					
	7/12/2017						<0.03	0.0033 (J)			
	10/17/2017			<0.03	<0.03	<0.03					
	10/18/2017	0.0057 (J)									
	10/19/2017						<0.03	<0.03			
	2/20/2018			<0.03	<0.03	<0.03					
	2/21/2018	0.0063 (J)					<0.03	0.0034 (J)			
	4/12/2018		<0.03								
	5/23/2018		<0.03								
	6/13/2018		<0.03								
	7/11/2018		0.0011 (J)	<0.03	<0.03	<0.03					
	7/12/2018	0.0063 (J)					<0.03	0.0038 (J)			
	8/17/2018		0.0024 (J)								
	9/12/2018		0.0025 (J)	<0.03	<0.03						
	9/13/2018	0.0061 (J)				<0.03		0.0026 (J)			

<0.03

<0.03

<0.03

< 0.03

<0.03

<0.03

< 0.03

<0.03

<0.03

<0.03

0.0032 (X)

0.0031 (J)

0.0023 (J)

0.0023 (J)

0.0031 (J)

0.0025 (J)

0.0039 (J)

0.003 (J)

0.002 (J)

0.0013 (J)

<0.03

<0.03

< 0.03

<0.03

<0.03

<0.03

<0.03

<0.03

<0.03

<0.03

<0.03

<0.03

<0.03

< 0.03

<0.03

<0.03

9/14/2018

10/4/2018

10/24/2018

10/1/2019 10/2/2019

10/3/2019

3/24/2020

3/25/2020

3/26/2020

8/25/2020

8/26/2020

10/6/2020

10/7/2020

3/3/2021

3/4/2021

3/8/2021

9/14/2021 9/15/2021

9/16/2021

1/25/2022

1/26/2022

1/27/2022

8/24/2022

8/25/2022

8/26/2022

0.0074 (X)

0.0066 (J)

0.0065 (J)

0.0063 (J)

0.0061 (J)

0.0061 (J)

0.008 (J)

0.0073 (J)

0.0021 (J)

0.0021 (J)

0.0016 (X)

0.0019 (J)

0.0015 (J)

0.00099 (J)

0.0019 (J) 0.0013 (J)

0.0012 (J)

0.0012 (J)

Constituent: Mercury (mg/L) Analysis Run 11/21/2022 9:22 AM

9/20/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016 8/31/2016	<0.0002						<0.0002	<0.0002
9/1/2016	<0.0002	<0.0002						<0.000Z
9/6/2016		<0.0002	<0.0002					
9/7/2016			<0.0002	<0.0002	<0.0002	<0.0002		
12/6/2016				<0.0002	<0.0002	<0.0002	<0.0002	
12/7/2016	7E-05 (J)	<0.0002	<0.0002				~0.0002	9E-05 (J)
12/7/2010	72-03 (3)	<0.000Z	<0.000Z	<0.0002	<0.0002	<0.0002		3L-03 (3)
3/21/2017	<0.0002			10.0002	10.0002	-0.000Z	<0.0002	<0.0002
3/22/2017	-0.0002	<0.0002	<0.0002	<0.0002	<0.0002		10.0002	-0.0002
3/23/2017		0.0002	0.0002	0.0002	0.0002	<0.0002		
7/11/2017	<0.0002		<0.0002			0.0002	<0.0002	<0.0002
7/12/2017		<0.0002		<0.0002	<0.0002	<0.0002		
10/17/2017							<0.0002	
10/18/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
10/19/2017						<0.0002		
2/20/2018	<0.0002						<0.0002	<0.0002
2/21/2018		9.7E-05 (J)	6.8E-05 (J)	8.6E-05 (J)	5.7E-05 (J)	4.5E-05 (J)		
7/11/2018	<0.0002						<0.0002	<0.0002
7/12/2018		<0.0002	<0.0002			<0.0002		
8/15/2018					<0.0002			
8/16/2018				<0.0002				
9/12/2018	<0.0002						<0.0002	
9/13/2018		<0.0002	<0.0002		<0.0002			<0.0002
9/14/2018				<0.0002		<0.0002		
8/25/2020							9.9E-05 (J)	
8/26/2020	0.00015 (J)	<0.0002	<0.0002	<0.0002		0.0001 (J)		0.00017 (J)
8/27/2020					<0.0002			
10/6/2020	<0.0002		<0.0002				<0.0002	<0.0002
10/7/2020		<0.0002		<0.0002	<0.0002	<0.0002		
3/3/2021	<0.0002					<0.0002	<0.0002	<0.0002
3/4/2021		<0.0002	<0.0002	<0.0002	<0.0002			
9/14/2021							<0.0002	
9/15/2021	<0.0002	<0.0002	<0.0002					<0.0002
9/16/2021				<0.0002	<0.0002	<0.0002		
1/25/2022							<0.0002	
1/26/2022	<0.0002	<0.0002	<0.0002					<0.0002
1/27/2022				<0.0002	<0.0002	<0.0002		
8/24/2022							<0.0002	
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002		<0.0002

Constituent: Mercury (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

		PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8	3/30/2016			<0.0002					
ę	9/1/2016							<0.0002	
9	9/8/2016	<0.0002							
1	10/18/2016				<0.0002	<0.0002			
1	12/6/2016				<0.0002				
	12/7/2016					<0.0002		6E-05 (J)	
	12/8/2016	<0.0002					<0.0002	(-)	
	12/15/2016	0.0002		<0.0002			0.0002		
	3/21/2017			<0.0002	<0.0002				
	3/22/2017	<0.0002		<0.0002	<0.0002			<0.0002	
		<0.0002				<0.0000	<0.0000	<0.0002	
	3/23/2017					<0.0002	<0.0002		
	7/11/2017	<0.0002		<0.0002	<0.0002	<0.0002			
	7/12/2017						<0.0002	<0.0002	
	10/17/2017			<0.0002	<0.0002	<0.0002			
1	10/18/2017	<0.0002							
1	10/19/2017						<0.0002	<0.0002	
2	2/20/2018			<0.0002	<0.0002	<0.0002			
2	2/21/2018	5.3E-05 (J)					4.3E-05 (J)	5.3E-05 (J)	
4	1/12/2018		<0.0002						
5	5/23/2018		<0.0002						
6	3/13/2018		4.9E-05 (J)						
7	7/11/2018		<0.0002	<0.0002	<0.0002	<0.0002			
7	7/12/2018	<0.0002					<0.0002	<0.0002	
8	3/17/2018		<0.0002						
9	9/12/2018		<0.0002	<0.0002	<0.0002				
ç	9/13/2018	<0.0002				<0.0002		<0.0002	
9	9/14/2018						4.1E-05 (J)		
1	10/4/2018		<0.0002				<0.0002		
1	10/24/2018		5.2E-05 (J)						
	3/25/2020		()		0.0001 (J)	<0.0002			
	3/26/2020	<0.0002	<0.0002		(5)		0.00011 (J)	<0.0002	
	10/6/2020		<0.0002		<0.0002	<0.0002	(-,		
	10/7/2020	<0.0002	0.0002		0.0002	0.0002	<0.0002	<0.0002	
	3/3/2021	<0.0002			<0.0002	<0.0002	0.0002	0.0002	
	3/4/2021	-0.0002			10.0002	-0.0002	<0.0002	<0.0002	
	3/8/2021		<0.0002				10.000Z	10.000Z	
	9/14/2021		<0.0002			<0.0002			
		<0.0000	<0.0002		~ 0.0000	<0.0002			
	9/15/2021	<0.0002			<0.0002		-0.0000	-0.0000	
	9/16/2021		-0.0000				<0.0002	<0.0002	
	1/25/2022		<0.0002			.0.000			
	1/26/2022	<0.0002			<0.0002	<0.0002			
	1/27/2022						<0.0002	<0.0002	<0.0002
	3/24/2022		0.00013 (J)		<0.0002	0.00014 (J)	<0.0002		
	3/25/2022							<0.0002	
	3/26/2022								<0.0002
1	10/11/2022	<0.0002							

Constituent: Molybdenum (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					. ,			
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.01	
8/31/2016	<0.01							<0.01
9/1/2016		<0.01						
9/6/2016			<0.01					
9/7/2016				<0.01	<0.01	0.0027 (J)		
12/6/2016							0.0019 (J)	
12/7/2016	<0.01	<0.01	<0.01					<0.01
12/8/2016				<0.01	<0.01	0.0022 (J)		
3/21/2017	0.0005 (J)						0.0018 (J)	0.0006 (J)
3/22/2017		0.0004 (J)	0.0004 (J)	0.0004 (J)	<0.01			
3/23/2017						0.0025 (J)		
7/11/2017	<0.01		<0.01				0.0018 (J)	<0.01
7/12/2017		<0.01		<0.01	<0.01	0.0022 (J)		
10/17/2017							0.0016 (J)	
10/18/2017	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01
10/19/2017						0.0021 (J)		
2/20/2018	<0.01						<0.01	<0.01
2/21/2018		<0.01	<0.01	<0.01	<0.01	<0.01		
7/11/2018	<0.01						<0.01	<0.01
7/12/2018		<0.01	<0.01			0.0022 (J)		
8/15/2018					<0.01			
8/16/2018				<0.01				
9/12/2018	<0.01						<0.01	
9/13/2018		<0.01	<0.01		<0.01			<0.01
9/14/2018				<0.01		0.0023 (J)		
9/10/2019								<0.01
10/1/2019							0.001 (X)	
10/2/2019	<0.01	<0.01	<0.01	<0.01				
10/3/2019					<0.01	0.0024 (X)		
3/24/2020							0.001 (J)	
3/25/2020	<0.01			<0.01				0.0011 (J)
3/26/2020		<0.01	<0.01		<0.01	0.0021 (J)		
8/25/2020							0.001 (J)	
8/26/2020	<0.01	<0.01	<0.01	<0.01		0.002 (J)		<0.01
8/27/2020					<0.01			
10/6/2020	<0.01		<0.01				0.0009 (J)	<0.01
10/7/2020		<0.01		<0.01	<0.01	0.0019 (J)		
3/3/2021	<0.01					0.0021 (J)	0.00076 (J)	<0.01
3/4/2021		<0.01	<0.01	<0.01	<0.01			
9/14/2021							0.00086 (J)	
9/15/2021	<0.01	<0.01	<0.01					<0.01
9/16/2021				<0.01	<0.01	0.0021 (J)		
1/25/2022							<0.01	
1/26/2022	<0.01	<0.01	<0.01					<0.01
1/27/2022				<0.01	<0.01	0.0022 (J)		
8/24/2022						•	0.00088 (J)	
8/25/2022	<0.01	<0.01	<0.01	<0.01	<0.01	0.0017 (J)		<0.01
						. /		

Constituent: Molybdenum (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			<0.01					
9/1/2016							<0.01	
9/8/2016	<0.01							
10/18/2016				<0.01	<0.01			
12/6/2016				<0.01				
12/7/2016					<0.01		<0.01	
12/8/2016	<0.01					<0.01		
12/15/2016			<0.01					
3/21/2017			0.0003	0.0005 (J)				
3/22/2017	0.001 (J)						<0.01	
3/23/2017					<0.01	<0.01		
7/11/2017	<0.01		<0.01	<0.01	<0.01			
7/12/2017						<0.01	<0.01	
10/17/2017			<0.01	<0.01	<0.01			
10/18/2017	<0.01							
10/19/2017						<0.01	<0.01	
2/20/2018			<0.01	<0.01	<0.01			
2/21/2018	<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			
7/12/2018	<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				<0.01		<0.01	
9/14/2018						<0.01		
10/4/2018		<0.01				<0.01		
10/24/2018		<0.01						
10/1/2019					<0.01			
10/2/2019	<0.01	<0.01		<0.01				
10/3/2019						<0.01	<0.01	
3/24/2020		<0.01						
3/25/2020	<0.01			<0.01	<0.01			
3/26/2020						<0.01	<0.01	
8/25/2020				<0.01	<0.01			
8/26/2020	<0.01	<0.01				<0.01	<0.01	
10/6/2020		0.00069 (J)		<0.01	<0.01			
10/7/2020	<0.01					<0.01	<0.01	
3/3/2021	<0.01			<0.01	<0.01			
3/4/2021						<0.01	<0.01	
3/8/2021		<0.01						
9/14/2021		0.00077 (J)			<0.01			
9/15/2021	<0.01			<0.01				
9/16/2021						<0.01	<0.01	
1/25/2022		<0.01						
1/26/2022	<0.01			<0.01	<0.01			
1/27/2022						<0.01	<0.01	0.00085 (J)
8/24/2022	<0.01	<0.01		<0.01	<0.01	<0.01		
8/25/2022							<0.01	
8/26/2022								<0.01

Constituent: pH (SU) Analysis Run 11/21/2022 9:22 AM

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							7.67	
8/31/2016	6.97							6.75
9/1/2016		7.21						
9/6/2016			7.23					
9/7/2016				7.02	6.92	6.71		
12/6/2016							7.57	
12/7/2016	6.85	7.13	7.3					6.64
12/8/2016				6.95	6.9	6.61		
3/21/2017	7.04						7.54	6.73
3/22/2017		7.04	7.2	7.05	7			
3/23/2017						6.69		
7/11/2017	6.88		7.31				7.43	6.66
7/12/2017		7.09		7.06	6.95	6.69		
10/17/2017							7.7	
10/18/2017	6.77	7.2	7.28	6.99		6.88		6.73
10/19/2017						6.85		
2/20/2018	7.32 (D)						7.57	7.11
2/21/2018		7.11	7.1	6.95	6.89	6.66		
7/11/2018	7.12						7.48	7
7/12/2018		7.07	7.14	7.06	7.01	6.84		
8/15/2018					6.87			
8/16/2018				7.01				
9/12/2018	6.87						7.41	
9/13/2018		7.01	7.08		6.86			6.56
9/14/2018				6.83		6.76		
3/26/2019							7.49	
3/27/2019	6.98		7.23		6.92			6.75
3/28/2019		7.84		6.97		6.67		
9/10/2019								6.78
10/1/2019							7.5	
10/2/2019	6.96	7.22	7.22	6.99				
10/3/2019					6.78	6.93		
3/24/2020							7.79	
3/25/2020	7.02			6.93				6.84
3/26/2020		7.08	7.12		7.01	6.7		
8/25/2020							7.49	
8/26/2020	6.98	7.08	7.18	6.98		6.68		6.64
8/27/2020					6.88			
10/6/2020	7.01		7.24				7.35	6.78
10/7/2020		7.11		7.04	6.91	6.78		
3/3/2021	6.99						7.56	6.79
3/4/2021		7.09	7.34	7.09	6.91			
9/14/2021							7.45	
9/15/2021	6.94	7.09	7.12				-	6.72
9/16/2021	- - -		- -	7.03	6.85	6.77		
1/25/2022							7.51	
1/26/2022	7.05	7.33	7.26				· ·	6.83
1/27/2022				7.03	6.92	6.8		
8/24/2022							7.49	
8/25/2022	6.93	7.15	7.14	7.05	6.76	6.67	-	6.76
	- 	· -			- · -			

Constituent: pH (SU) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			7.76					
9/1/2016							7.07	
9/8/2016	7.1							
10/4/2016						6.88		
10/5/2016						6.91		
10/17/2016					7.43			
10/18/2016				7.15	7.45			
12/6/2016				7.04				
12/7/2016				7.04	7.29		6.85	
12/8/2016	6.98					6.86	0.00	
12/15/2016	0.50		7.64			0.00		
3/21/2017				7.01				
3/22/2017	7.16		7.00	7.01			6.99	
	7.10				7.06	6.0	0.99	
3/23/2017	7.45		7.00	6.06		6.9		
7/11/2017	7.15		7.82	6.96		7.82 (o)	0.00	
7/12/2017		7.04	7.04	7.04		6.81	6.83	
10/17/2017		7.61	7.61	7.31	7.29			
10/18/2017	7.09							
10/19/2017						6.86	6.91	
2/20/2018			7.6		7.26			
2/21/2018	7.12					7.02	6.97	
7/11/2018		9.48	7.79	7.26	7.39			
7/12/2018				7.01		6.82	6.85	
9/12/2018		9.07	7.58	7.02				
9/13/2018	7.03				7.25		6.88	
9/14/2018						6.75		
3/26/2019			7.73	7				
3/27/2019	7.08	8.76			7.42			
3/28/2019						6.96	6.96	
10/1/2019					7.43			
10/2/2019	7.2	8.97		7.09				
10/3/2019						7.01	6.85	
3/24/2020		8.57						
3/25/2020	7.01			7.15	7.23			
3/26/2020						7	7.12	
8/25/2020				7.14	7.53			
8/26/2020	7.09	7.97				6.99	7.01	
10/6/2020		8.72		7.01	7.27			
10/7/2020	6.95					7.04	6.98	
3/3/2021	7.04			7.14	7.41			
3/4/2021						7.22	6.95	
3/8/2021		7.77						
9/14/2021		8.96			7.31			
9/15/2021	7.05			6.99				
9/16/2021						7.1	6.96	
1/25/2022		8.4						
1/26/2022	7.28			7.1	7.44			
1/27/2022						7.18	7.03	7.3
8/24/2022	7.1	8.01		7.04		7.1		
8/25/2022							6.98	
8/26/2022								7.09
10/11/2022	7.13	7.94			7.37			
					**			

Constituent: Selenium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.005	
8/31/2016	0.0012 (J)							0.0014 (J)
9/1/2016		<0.005						
9/6/2016			<0.005					
9/7/2016				<0.005	<0.005	<0.005		
12/6/2016							<0.005	
12/7/2016	<0.005	<0.005	<0.005					<0.005
12/8/2016				<0.005	<0.005	<0.005		
3/21/2017	<0.005						<0.005	<0.005
3/22/2017		<0.005	<0.005	<0.005	<0.005			
3/23/2017						<0.005		
7/11/2017	<0.005		<0.005				<0.005	<0.005
7/12/2017		<0.005		<0.005	<0.005	<0.005		
10/17/2017							<0.005	
10/18/2017	<0.005	<0.005	<0.005	<0.005	<0.005			<0.005
10/19/2017						<0.005		
2/20/2018	<0.005						<0.005	<0.005
2/21/2018		<0.005	<0.005	<0.005	<0.005	<0.005		
7/11/2018	<0.005						<0.005	<0.005
7/12/2018		<0.005	<0.005			<0.005		
8/15/2018					<0.005			
8/16/2018				<0.005				
9/12/2018	<0.005						<0.005	
9/13/2018		<0.005	<0.005		<0.005			<0.005
9/14/2018				<0.005		0.0015 (J)		
9/10/2019								0.0018 (X)
10/1/2019							<0.005	
10/2/2019	0.0015 (X)	<0.005	<0.005	<0.005				
10/3/2019					<0.005	0.0034 (X)		
3/24/2020							<0.005	
3/25/2020	<0.005			<0.005				0.003 (J)
3/26/2020		<0.005	<0.005		<0.005	0.0016 (J)		
8/25/2020							<0.005	
8/26/2020	<0.005	0.0018 (J)	<0.005	<0.005		0.0031 (J)		0.0026 (J)
8/27/2020					<0.005			
10/6/2020	<0.005		<0.005				<0.005	0.0027 (J)
10/7/2020		<0.005		<0.005	<0.005	0.0035 (J)		
3/3/2021	<0.005					0.0033 (J)	<0.005	0.0025 (J)
3/4/2021		<0.005	<0.005	<0.005	<0.005			
9/14/2021							<0.005	
9/15/2021	<0.005	<0.005	<0.005					0.0024 (J)
9/16/2021				<0.005	<0.005	0.0033 (J)		
1/25/2022							<0.005	
1/26/2022	<0.005	<0.005	<0.005					0.0023 (J)
1/27/2022				<0.005	<0.005	0.005		
8/24/2022							<0.005	
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	0.0019 (J)		0.0023 (J)

Constituent: Selenium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			<0.005					
9/1/2016							<0.005	
9/8/2016	<0.005							
10/18/2016				<0.005	<0.005			
12/6/2016				<0.005				
12/7/2016					<0.005		<0.005	
12/8/2016	<0.005					<0.005		
12/15/2016			<0.005					
3/21/2017			<0.005	<0.005				
3/22/2017	<0.005		0.000	0.000			<0.005	
3/23/2017	0.000				<0.005	<0.005	0.000	
7/11/2017	<0.005		<0.005	<0.005	<0.005	-0.000		
7/11/2017	~0.003		~0.003	~0.003	~0.003	<0.005	<0.005	
			<0.00E	<0.00E	<0.00E	~0.003	~ 0.003	
10/17/2017			<0.005	<0.005	<0.005			
10/18/2017	<0.005							
10/19/2017						<0.005	<0.005	
2/20/2018			<0.005	<0.005	<0.005			
2/21/2018	<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			
7/12/2018	<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				<0.005		<0.005	
9/14/2018						<0.005		
10/4/2018		<0.005				<0.005		
10/24/2018		<0.005						
10/1/2019					<0.005			
10/2/2019	<0.005	<0.005		<0.005				
10/3/2019						<0.005	0.0017 (X)	
3/24/2020		<0.005						
3/25/2020	<0.005			<0.005	<0.005			
3/26/2020						<0.005	<0.005	
8/25/2020				<0.005	<0.005			
8/26/2020	<0.005	<0.005				<0.005	0.0018 (J)	
10/6/2020	0.000	<0.005		<0.005	<0.005	0.000	0.0010 (0)	
10/7/2020	<0.005	0.000		0.000	0.000	<0.005	<0.005	
3/3/2021	<0.005			<0.005	<0.005	10.003	-0.003	
3/4/2021	~ 0.003			~ 0.003	~0.003	<0.005	0.0018 (J)	
		<0.00E				<0.005	0.0018 (3)	
3/8/2021		<0.005			0.005			
9/14/2021		<0.005			<0.005			
9/15/2021	<0.005			<0.005		-0.005	-0.005	
9/16/2021						<0.005	<0.005	
1/25/2022		<0.005						
1/26/2022	<0.005			<0.005	<0.005			
1/27/2022						<0.005	0.0018 (J)	<0.005
8/24/2022	<0.005	<0.005		<0.005	<0.005	<0.005		
8/25/2022							0.0017 (J)	
8/26/2022								<0.005

Constituent: Sulfate (mg/L) Analysis Run 11/21/2022 9:22 AM

8/30/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg) 2.1	PZ-23A
8/31/2016	4.1							29
9/1/2016	4.1	73						29
9/6/2016		73	49					
9/7/2016			49	99	96	87		
12/6/2016				99	90	07	2.4	
12/7/2016	1.5	71	46				2.4	24
12/8/2016	1.5	, ,	40	94	94	84		24
3/21/2017	2			34	34	04	2.5	31
3/22/2017	_	80	53	100	95		2.0	
3/23/2017						90		
7/11/2017	2		52				2.6	37
7/12/2017	_	78		100	96	93		
10/17/2017							2.5	
10/18/2017	4.2	82	58	100	99			34
10/19/2017						92		
2/20/2018	2.4						2.3	34.7
2/21/2018		72.2	48.2	98.8	91.8	84.5		
7/11/2018	3.8						2.5	35.4
7/12/2018		80.5	48.8			84.9		
8/15/2018					101			
8/16/2018				111				
9/12/2018	4.3						2	
9/13/2018		84.4	48.7		106			37.4
9/14/2018				102		89.5		
3/26/2019							2.7	
3/27/2019	8.2		46.5		111			41.9
3/28/2019		90.3		94.7		83.5		
9/10/2019								45.1
10/1/2019							2.8	
10/2/2019	6.2	83	48.5	104				
10/3/2019					95.8	84.9		
3/24/2020							3	
3/25/2020	11.9			92.4				47
3/26/2020		83.6	43.5		91	84.9		
10/6/2020	11		42.4				2.4	71.2
10/7/2020		80.7		89.1	87.3	83.3		
3/3/2021	8.8					80.8	2.2	66
3/4/2021		74.1	38.9	66.8	88.6			
9/14/2021							2.6	
9/15/2021	11.4	73.4	37.8					46.8
9/16/2021				70.9	86.9	72.7		
1/25/2022							2.4	
1/26/2022	9.1	77.2	38.9					37.8
1/27/2022				62.1	89.9 (M1)	76.3		
8/24/2022							2.2	
8/25/2022	10.7	75.5	38.7	62.7	96.3	84.4		45.6

Constituent: Sulfate (mg/L) Analysis Run 11/21/2022 9:22 AM

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			1.2					
9/1/2016							62	
9/8/2016	48							
10/18/2016				2.2	2.3			
12/6/2016				6.1				
12/7/2016					1.9		57	
12/8/2016	46					100		
12/15/2016			0.07					
3/21/2017			1.2	5.7				
3/22/2017	53						61	
3/23/2017					1.7	100		
7/11/2017	51		1.2	4.8	1.8			
7/12/2017						97	53	
10/17/2017			1.2	6.4	1.9			
10/18/2017	50							
10/19/2017						97	55	
2/20/2018			1.9	5.2	2.1			
2/21/2018	46.8					93.6	52.1	
4/12/2018		4.8 (J)						
5/23/2018		4.5						
6/13/2018		5.3						
7/11/2018		5.4	1.5	3.6	2			
7/12/2018	48.3					89.4	53.9	
8/17/2018		4.5						
9/12/2018		4.4	1.9	2.7				
9/13/2018	42				2.1		67.5	
9/14/2018						88.9		
10/4/2018		5.8				97.8		
10/24/2018		6.2						
3/26/2019			1.4	1.6				
3/27/2019	43.7	3.7			2.4			
3/28/2019						76.7	59.6	
10/1/2019					2.2			
10/2/2019	43	4.1		1.6				
10/3/2019						72.1	59.6	
3/24/2020		3.1						
3/25/2020	39.1			1.5	1.9			
3/26/2020						66.6	57.1	
10/6/2020		3.1		0.98 (J)	1.9			
10/7/2020	38.1					54.6	48.9	
3/3/2021	39.2			0.6 (J)	2			
3/4/2021						49.3	49.7	
3/8/2021		2.7						
9/14/2021		3.8			1.8			
9/15/2021	37.8			0.64 (J)				
9/16/2021						40.4	41.8	
1/25/2022		2.9						
1/26/2022	37.5			0.69 (J)	1.9			
1/27/2022						40	46.7	94.5
8/24/2022	35.7	2		0.56 (J)	1.7	34.7		
8/25/2022							47.3	
8/26/2022								87.2

Constituent: TDS (mg/L) Analysis Run 11/21/2022 9:22 AM

	D (bg) PZ-23A 400 406 409 414	
8/31/2016	406 409	
991/2016	406 409	
996/2016	409	
977/2016 392 415 508 207 127/2016 393 242 248	409	
12/6/2016 393 242 248 341 441 556 328/2017 332 304 456 469 328/2017 332 304 456 469 328/2017 332 304 456 469 328/2017 338 328/2017 338 345 445 432 497 318/2017 318/2017 308 445 432 497 311/2017 311/2017 308 445 432 497 311/2017 308 349 368 36	409	
12/7/2016 393 242 248	409	
12/8/2016 3/21/2017 276 128 128 3/22/2017 332 304 456 469 128 3/22/2017 332 304 456 469 128 3/23/2017 138 3/23/2017 138 3/23/2017 138 3/23/2017 308 265 343 445 432 497 101 101/1/2017 101/1/2017 101/1/2017 101/1/2017 101/1/2017 101/1/2017 101/1/2018 295 240 349 368 148 22/20/2018 295 132 285 411 409 500 138 22/21/2018 337 285 411 409 500 153 3/23/2018 337 285 411 409 500 153 3/23/2018 336 291 438 3/23/2019 3/23/20	409	
3/21/2017 276		
3/22/2017		
3/23/2017	414	
7/11/2017 263 265 445 432 497 10/17/2017 308 445 432 497 10/17/2017 261 275 240 349 368 10/19/2017 448 272/20/2018 295 448 448 2/20/2018 295 312 285 411 409 500 523 7/11/2018 337 285 415 422 523 4815/2018 422 422 8/16/2018 336 291 438 486 <td< td=""><td>414</td><td></td></td<>	414	
7/12/2017 308 445 432 497 10/17/2017 261 275 240 349 368 10/19/2017 448 488 2/20/2018 295 1 1 409 500 7/11/2018 312 285 411 409 500 7/11/2018 294 523 523 523 8/15/2018 337 285 415 22 8/16/2018 422 422 422 8/16/2018 336 291 438 466 9/13/2018 336 291 438 486 3/26/2019 337 277 408 378 3/28/2019 337 277 408 378 9/10/2019 312 355 284 415 464 485 10/1/2019 312 355 284 415 464 485 3/26/2020 330 486 415 440 485 3/26/2020 330 286 408 415 440 485	414	
10/17/2017 261 275 240 349 368		
10/18/2017 261 275 240 349 368		
10/19/2017		
2/20/2018 295 1312 285 4111 409 500 153 7/11/2018 294 153 153 153 153 153 8/15/2018 337 285 422 286 422 422 422 422 422 422 422 422 422 422 422 422 422 422 422 426 426 426 426 426 426 426 426 426 426 426 426 426 426 426 426 426 426 427 426 427	366	
2/21/2018 312 285 411 409 500 153 7/11/2018 294		
7/11/2018 294 153 7/12/2018 337 285 523 8/15/2018 422 422 8/16/2018 415 422 9/12/2018 286 415 438 9/13/2018 336 291 438 9/14/2018 486 486 334 3/26/2019 281 277 408 378 9/10/2019 337 420 378 466 10/1/2019 312 355 284 415 485 10/3/2019 312 355 284 415 485 3/24/2020 330 408 408 485 3/25/2020 330 408 415 440 485 10/6/2020 330 286 415 440 45 10/6/2020 241 261 153 434 425 492 10/7/2020 258 336 392 425 492 452 134	429	
7/12/2018 337 285 422 8/15/2018 422 422 8/16/2018 415 415 9/12/2018 286 438 438 9/14/2018 336 291 438 9/14/2018 403 486 334 3/26/2019 281 277 408 378 9/10/2019 337 420 378 146 10/1/2019 312 355 284 415 464 485 228 3/26/2020 330 286 408 440 485 228 284 415 440 485 528 486 486 486 486 485 486 486 485 486 486 486 485 486 <t< td=""><td></td><td></td></t<>		
8/15/2018 422 8/16/2018 286 146 9/13/2018 336 291 438 9/14/2018 403 486 3/26/2019 281 277 408 3/28/2019 337 420 378 9/10/2019 312 355 284 415 10/3/2019 312 355 284 415 3/24/2020 464 485 228 3/25/2020 330 286 415 440 10/6/2020 241 261 425 492 3/3/2021 258 392 425 492 3/3/2021 258 452 134	440	
8/16/2018 286		
9/12/2018 286 291 438 336 291 438 336 391 391 392 425 492 391		
9/13/2018 336 291 438 486 3/26/2019 486 3/34 4/35 3/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/34 4/35 4/35 4/35 4/35 4/40 4/35 4/35 4/40 4/35		
9/14/2018		
3/26/2019 281 277 408 3/28/2019 337 420 378 9/10/2019 10/1/2019 312 355 284 415 10/3/2019 464 485 3/24/2020 464 485 3/26/2020 330 286 415 420 10/6/2020 241 261 261 10/7/2020 336 392 425 492 3/3/2021 258	448	
3/27/2019		
3/28/2019 337 420 378 9/10/2019 10/1/2019 146 10/2/2019 312 355 284 415 10/3/2019 464 485 3/24/2020 286 408 3/25/2020 330 286 415 440 10/6/2020 241 261 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134		
9/10/2019 10/1/2019 312 355 284 415 10/3/2019 312 355 284 415 3/24/2020 330 464 485 3/25/2020 330 408 3/25/2020 330 286 408 10/6/2020 241 261 415 440 153 10/7/2020 336 336 392 425 492 3/3/2021 258	410	
10/1/2019 312 355 284 415 10/3/2019 464 485 3/24/2020 286 408 3/25/2020 330 286 415 440 10/6/2020 241 261 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134		
10/2/2019 312 355 284 415 10/3/2019 464 485 3/24/2020 228 3/25/2020 330 408 3/26/2020 330 286 415 440 10/6/2020 241 261 542 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134		
10/3/2019 464 485 3/24/2020 228 3/25/2020 330 408 3/26/2020 330 286 415 440 10/6/2020 241 261 532 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134	420	
3/24/2020 330 408 3/26/2020 330 286 415 440 10/6/2020 241 261 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134	420	
3/25/2020 330 408 3/26/2020 330 286 415 440 10/6/2020 241 261 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134	420	
3/26/2020 330 286 415 440 10/6/2020 241 261 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134	420	
10/6/2020 241 261 153 10/7/2020 336 392 425 492 3/3/2021 258 452 134		
10/7/2020 336 392 425 492 3/3/2021 258 452 134	420 454	
3/3/2021 258 452 134	454	
	454 462	
3/4/2021 300 264 325 427	454	
9/14/2021 150	454 462	
9/15/2021 292 326 270	454 462 444	
9/16/2021 330 419 450	454 462	
1/25/2022 148	454 462 444	
1/26/2022 288 308 267	454 462 444 422	
1/27/2022 329 433 442	454 462 444	
8/24/2022 139	454 462 444 422	
8/25/2022 259 319 90 321 446 528	454 462 444 422	

Constituent: TDS (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57	
8/30/2016			155						
9/1/2016							373		
9/8/2016	293								
10/18/2016				264	152				
12/6/2016				299					
12/7/2016					214		433		
12/8/2016	309					503 (o)			
12/15/2016			227						
3/21/2017			131	260					
3/22/2017	299						409		
3/23/2017					165	430			
7/11/2017	301		137	244	162				
7/12/2017						438	374		
10/17/2017			119	218	140				
10/18/2017	256								
10/19/2017						393	318		
2/20/2018			150	264	163				
2/21/2018	297					435	367		
4/12/2018		69							
5/23/2018		62							
6/13/2018		93							
7/11/2018		84	154	273	192				
7/12/2018	310					447	423		
8/17/2018		115							
9/12/2018		97	154	252					
9/13/2018	307	· ·		202	192		394		
9/14/2018	007				102	447	004		
10/4/2018		103				450			
10/24/2018		110				400			
3/26/2019		110	144	253					
3/27/2019	287	87	1-1-1	200	167				
3/28/2019	20.	<i>.</i>				405	365		
10/1/2019					187	.00	555		
10/2/2019	312	95		263	107				
10/3/2019	312	33		200		414	405		
3/24/2020		123				414	400		
3/25/2020	280	123		278	178				
3/26/2020	200			270	170	336	332		
10/6/2020		81		254	169	000	002		
10/7/2020	280	01		204	103	337	334		
3/3/2021	267			264	166	337	334		
3/4/2021	207			204	100	283	335		
3/8/2021		126				203	333		
9/14/2021		71			179				
9/15/2021	272	71		256	179				
9/16/2021	£1£			200		296	307		
1/25/2022		68				230	307		
	276	UO		262	192				
1/26/2022 1/27/2022	276			262	182	274	331	387	
8/24/2022				261		265	JJ 1	507	
				201		200	325		
8/25/2022 8/26/2022							325	358	
012012022								JJU	

Page 2

Time Series

Constituent: TDS (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

PZ-25 PZ-2D (bg) PZ-2S PZ-31 (bg) PZ-32 (bg) PZ-33 PZ-7D PZ-57 10/11/2022 267 75 173

Constituent: Thallium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.001	
8/31/2016	<0.001							<0.001
9/1/2016		<0.001						
9/6/2016			<0.001					
9/7/2016				<0.001	<0.001	<0.001		
12/6/2016							<0.001	
12/7/2016	<0.001	<0.001	<0.001					0.0002 (J)
12/8/2016				<0.001	<0.001	0.0003 (J)		
3/21/2017	6E-05 (J)						<0.001	0.0003 (J)
3/22/2017		<0.001	0.0002 (J)	<0.001	4E-05 (J)			
3/23/2017						0.0003 (J)		
7/11/2017	<0.001		0.0002 (J)				<0.001	0.0002 (J)
7/12/2017		<0.001		<0.001	<0.001	0.0004 (J)		
10/17/2017							<0.001	
10/18/2017	<0.001	<0.001	0.0002 (J)	<0.001	5E-05 (J)			0.0001 (J)
10/19/2017						0.0005 (J)		
2/20/2018	<0.001						<0.001	0.00026 (J)
2/21/2018		<0.001	0.00018 (J)	<0.001	<0.001	0.00049 (J)		
7/11/2018	<0.001						<0.001	0.00018 (J)
7/12/2018		<0.001	<0.001			0.00077 (J)		
8/15/2018					<0.001			
8/16/2018				<0.001				
9/12/2018	<0.001						<0.001	
9/13/2018		<0.001	0.00017 (J)		<0.001			<0.001
9/14/2018				<0.001		0.00076 (J)		
9/10/2019								<0.001
10/1/2019							<0.001	
10/2/2019	<0.001	0.00016 (X)	5.3E-05 (X)	0.00016 (X)				
10/3/2019					<0.001	0.00071 (X)		
3/24/2020							<0.001	
3/25/2020	<0.001			0.0002 (J)				0.00015 (J)
3/26/2020		0.00014 (J)	<0.001		7.1E-05 (J)	0.00068 (J)		
8/25/2020							<0.001	
8/26/2020	<0.001	0.00027 (J)	<0.001	0.00025 (J)		0.00056 (J)		0.00016 (J)
8/27/2020					<0.001			
10/6/2020	<0.001		<0.001				<0.001	<0.001
10/7/2020		0.00022 (J)		0.00022 (J)	<0.001	0.0007 (J)		
3/3/2021	<0.001					0.00072 (J)	<0.001	0.00017 (J)
3/4/2021		0.00022 (J)	<0.001	0.00039 (J)	<0.001			
9/14/2021							<0.001	
9/15/2021	<0.001	0.0002 (J)	<0.001					<0.001
9/16/2021				0.00034 (J)	<0.001	0.00066 (J)		
1/25/2022							<0.001	
1/26/2022	<0.001	<0.001	<0.001					<0.001
1/27/2022				0.00038 (J)	<0.001	0.00063 (J)		
8/24/2022							<0.001	
8/25/2022	<0.001	<0.001	<0.001	0.00037 (J)	<0.001	0.00053 (J)		<0.001

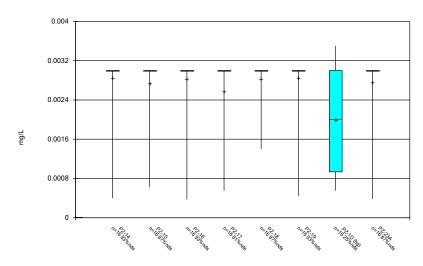
Constituent: Thallium (mg/L) Analysis Run 11/21/2022 9:22 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-2S	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-7D	PZ-57
8/30/2016			<0.001					
9/1/2016							<0.001	
9/8/2016	<0.001							
10/18/2016				<0.001	<0.001			
12/6/2016				<0.001				
12/7/2016					0.0002 (J)		<0.001	
12/8/2016	<0.001					<0.001		
12/15/2016			<0.001					
3/21/2017			<0.001	6E-05 (J)				
3/22/2017	<0.001						0.0002 (J)	
3/23/2017					8E-05 (J)	0.0001 (J)		
7/11/2017	<0.001		<0.001	<0.001	7E-05 (J)			
7/12/2017						0.0001 (J)	0.0001 (J)	
10/17/2017			<0.001	<0.001	8E-05 (J)			
10/18/2017	<0.001				()			
10/19/2017						0.0001 (J)	0.0001 (J)	
2/20/2018			<0.001	<0.001	<0.001			
2/21/2018	<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			
7/12/2018	<0.001	0.001	0.001	0.001	0.001	<0.001	<0.001	
8/17/2018	-0.001	<0.001				-0.001	-0.001	
9/12/2018		<0.001	<0.001	<0.001				
9/13/2018	<0.001	-0.001	-0.001	-0.001	<0.001		<0.001	
9/14/2018	-0.001				-0.001	<0.001	-0.001	
10/4/2018		<0.001				<0.001		
10/24/2018		0.00016 (J)				-0.001		
10/1/2019		0.00010 (3)			<0.001			
10/2/2019	0.00024 (X)	<0.001		<0.001	10.001			
10/3/2019	0.00024 (X)	40.001		10.001		0.00018 (X)	7.8E-05 (X)	
3/24/2020		<0.001				0.00018 (X)	7.6L-03 (A)	
3/25/2020	0.00027 (1)	~0.001		<0.001	<0.001			
3/26/2020	0.00037 (J)			<0.001	\0.001	0.00015 (J)	9 EE 0E (I)	
8/25/2020				<0.001	<0.001	0.00015(3)	8.5E-05 (J)	
8/26/2020	0.00027 (1)	<0.001		<0.001	\0.001	<0.001	<0.001	
	0.00037 (J)			<0.001	<0.001	\0.001	<0.001	
10/6/2020 10/7/2020	0.00027 (1)	<0.001		<0.001	<0.001	<0.001	<0.001	
	0.00027 (J)			<0.001	<0.001	\0.001	<0.001	
3/3/2021	0.00036 (J)			<0.001	<0.001	-0.001	-0.001	
3/4/2021		<0.001				<0.001	<0.001	
3/8/2021		<0.001			-0.001			
9/14/2021	0.00000 (1)	<0.001		.0.004	<0.001			
9/15/2021	0.00066 (J)			<0.001		-0.001	-0.001	
9/16/2021		-0.004				<0.001	<0.001	
1/25/2022	0.00055 ())	<0.001			.0.004			
1/26/2022	0.00039 (J)			<0.001	<0.001	.0.004		0.004
1/27/2022	0.00040.43	-0.004		10.001	-0.004	<0.001	<0.001	<0.001
8/24/2022	0.00048 (J)	<0.001		<0.001	<0.001	<0.001		
8/25/2022							<0.001	0.004
8/26/2022								<0.001

FIGURE B.

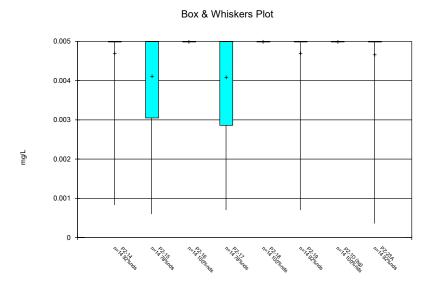
Box & Whiskers Plot



Constituent: Antimony Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

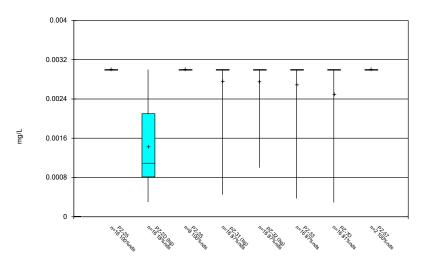
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG



Constituent: Arsenic Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

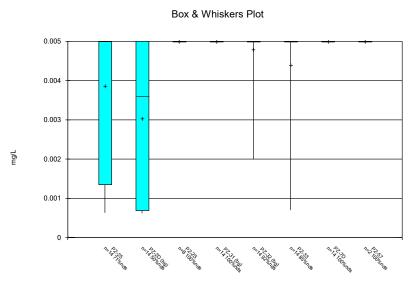
Box & Whiskers Plot



Constituent: Antimony Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

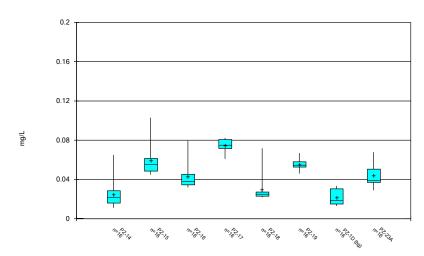
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG



Constituent: Arsenic Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

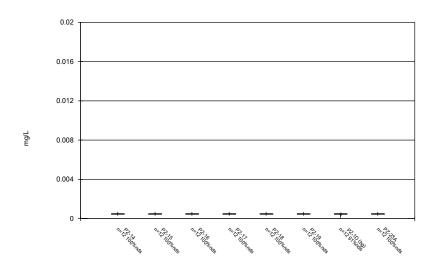


Constituent: Barium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

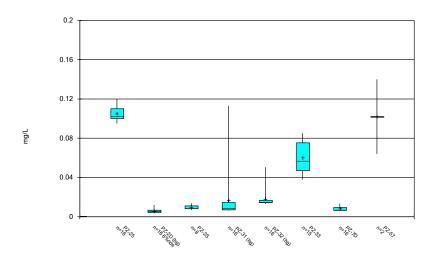
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

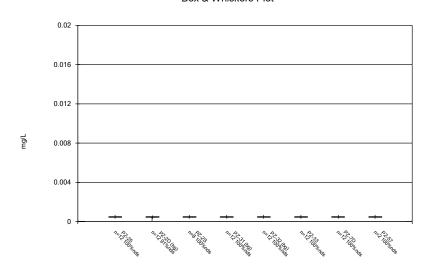


Constituent: Barium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

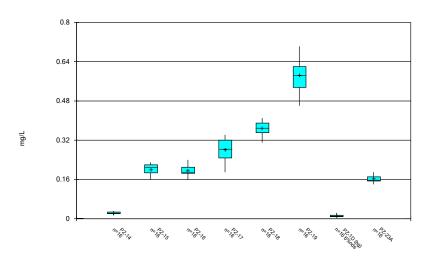
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

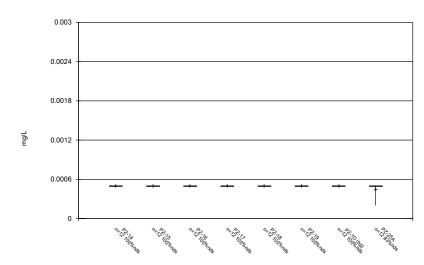


Constituent: Boron Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

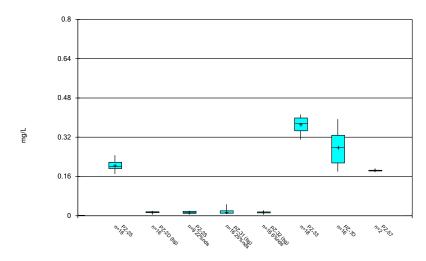
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

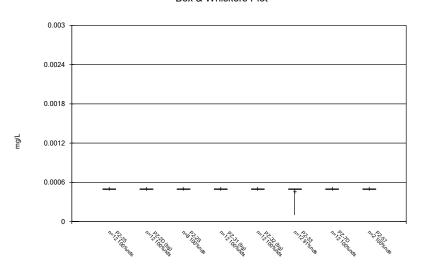


Constituent: Boron Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

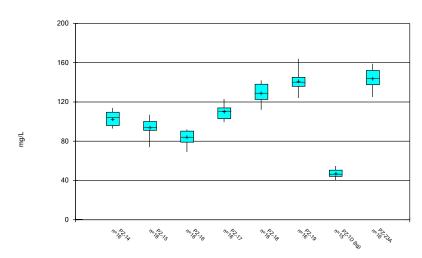
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

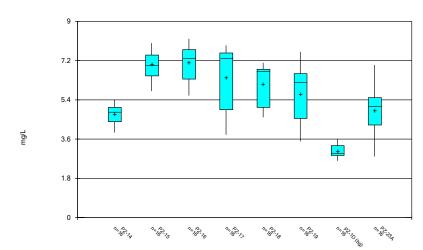


Constituent: Calcium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

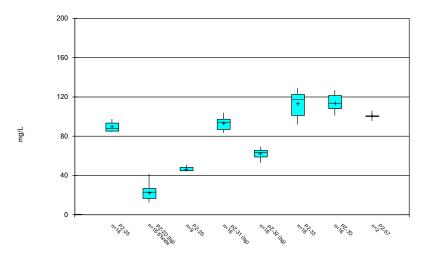
Box & Whiskers Plot



Constituent: Chloride Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

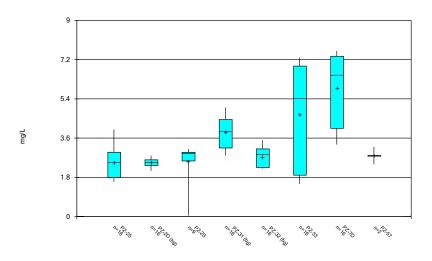


Constituent: Calcium Analysis Run 11/21/2022 9:27 AM

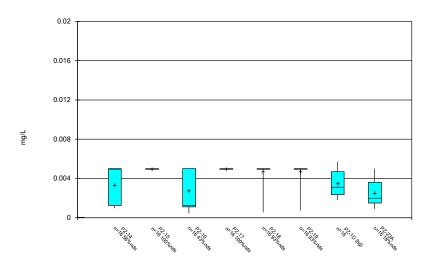
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Box & Whiskers Plot

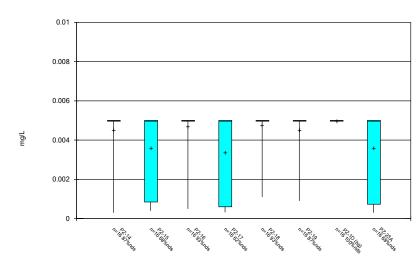


Constituent: Chromium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

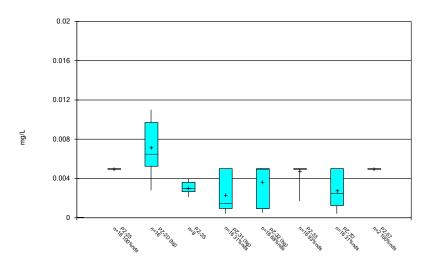
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

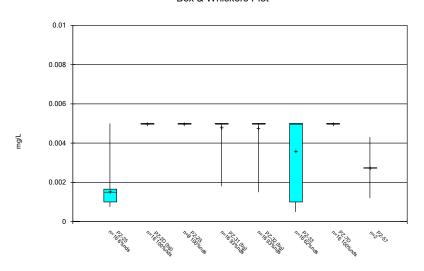


Constituent: Chromium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

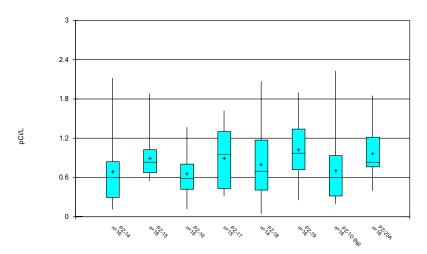
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

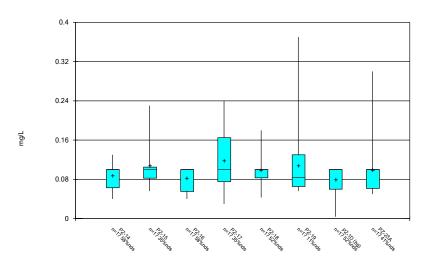


Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas[™] v.9.6.35 Groundwater Stats Consulting. UG

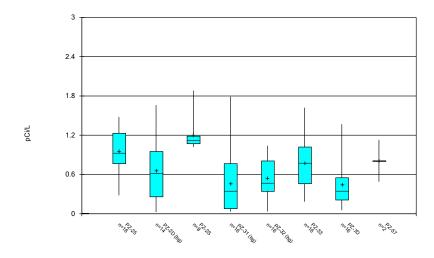
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

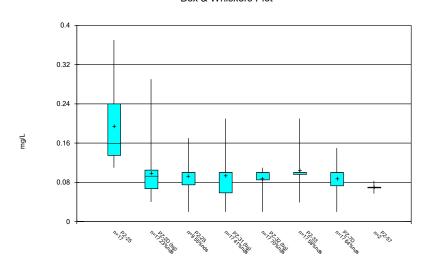


Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

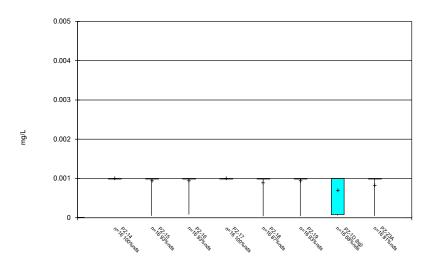
Box & Whiskers Plot



Constituent: Fluoride Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

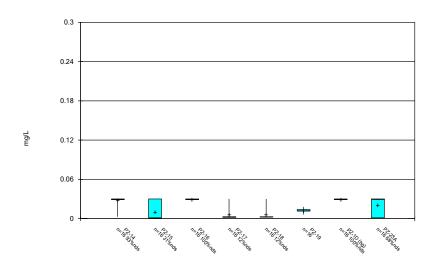


Constituent: Lead Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

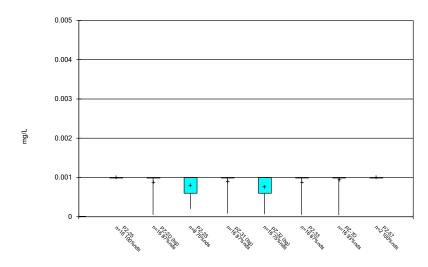
Box & Whiskers Plot



Constituent: Lithium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

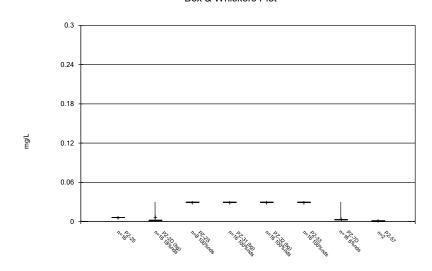


Constituent: Lead Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

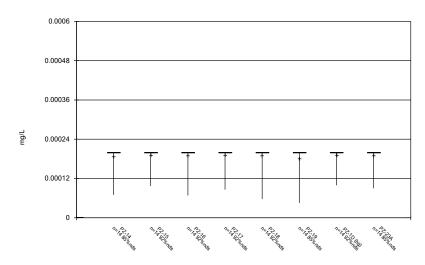
Box & Whiskers Plot



Constituent: Lithium Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot



Constituent: Mercury Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

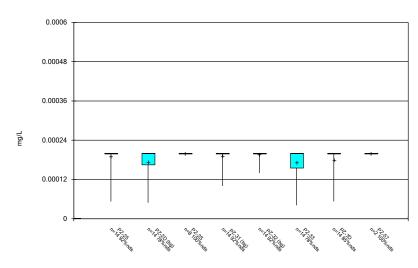
Sanitas[™] v.9.6.35 Groundwater Stats Consulting. UG

0.01 0.008 0.006 0.002 0.002

Constituent: Molybdenum Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

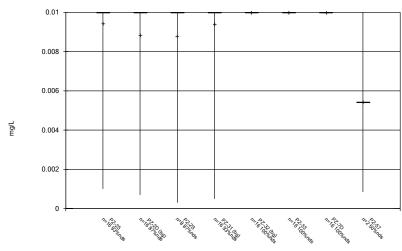


Constituent: Mercury Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

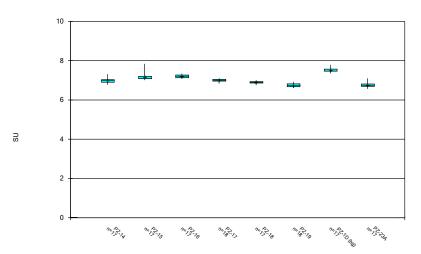
Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 11/21/2022 9:27 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

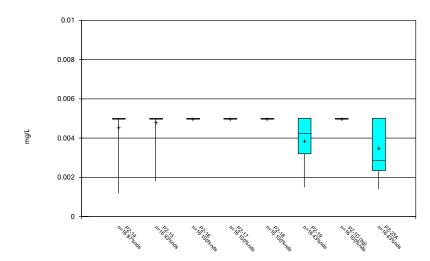
Box & Whiskers Plot



Constituent: pH Analysis Run 11/21/2022 9:28 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

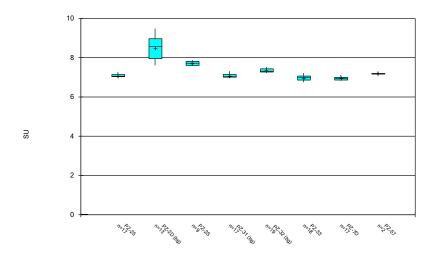
Box & Whiskers Plot



Constituent: Selenium Analysis Run 11/21/2022 9:28 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

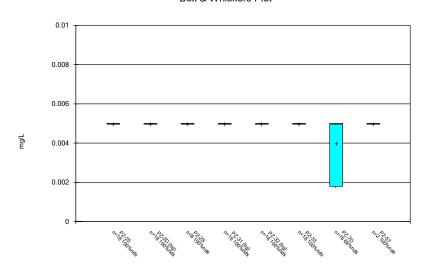
Box & Whiskers Plot



Constituent: pH Analysis Run 11/21/2022 9:28 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

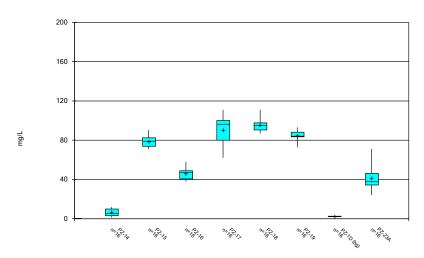
Box & Whiskers Plot



Constituent: Selenium Analysis Run 11/21/2022 9:28 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

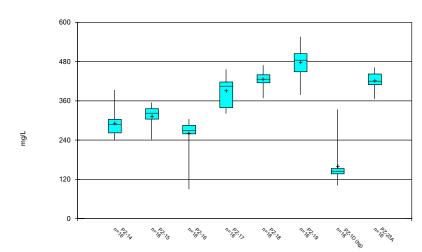


Constituent: Sulfate Analysis Run 11/21/2022 9:28 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

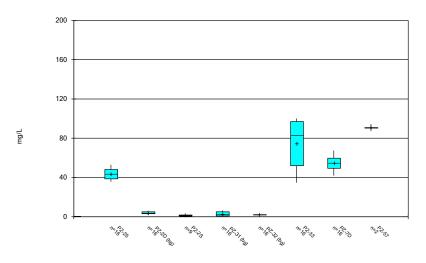
Box & Whiskers Plot



Constituent: TDS Analysis Run 11/21/2022 9:28 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot

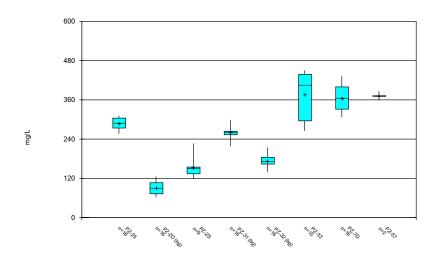


Constituent: Sulfate Analysis Run 11/21/2022 9:28 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Box & Whiskers Plot



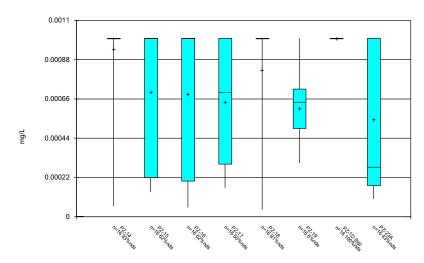
Constituent: TDS Analysis Run 11/21/2022 9:28 AM

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

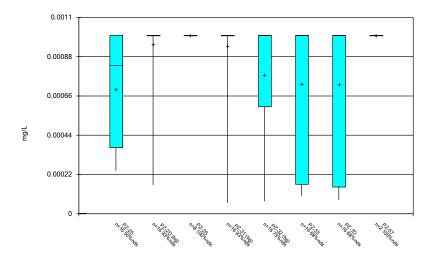
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 11/21/2022 9:28 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Box & Whiskers Plot



Constituent: Thallium Analysis Run 11/21/2022 9:28 AM
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

FIGURE C.

Outlier Summary

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/6/2022, 12:51 AM

PZ-33 Barium (mg/L) PZ-33 PH (SU) PZ-33 TDS (mg/L)

12/8/2016 0.162 (o) 503 (o)

7/11/2017 7.82 (o)

7/11/2018 65.3 (o)

FIGURE D.

Interwell Prediction Limits - Significant Results

	Plant	Mitchell Clie	ent: Southern	Company	Data: Mit	chell Ash F	ond CCR	Printed 11/21/20	22, 10:	41 AM			
Constituent	Well	Upper Lim	. Lower Lim. D	<u>Date</u>	Observ.	Sig. Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	<u>Alpha</u>	Method
Boron (mg/L)	PZ-15	0.02661	n/a 8/	/25/2022	0.21	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02661	n/a 8/	/25/2022	0.24	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02661	n/a 8/	3/25/2022	0.39	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-19	0.02661	n/a 8/	/25/2022	0.58	Yes 64	-4.313	0.3429	9.375	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02661	n/a 8/	/24/2022	0.19	Yes 64	-4.313	0.3429	9.375	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02661	n/a 8/	/24/2022	0.32	Yes 64	-4.313	0.3429	9.375	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-7D	0.02661	n/a 8/	/25/2022	0.2	Yes 64	-4.313	0.3429	9.375	None	In(x)	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-18	109.6	n/a 8/	3/25/2022	141	Yes 63	56.47	26.52	1.587	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-19	109.6	n/a 8/	3/25/2022	156	Yes 63	56.47	26.52	1.587	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	109.6	n/a 8/	3/25/2022	145	Yes 63	56.47	26.52	1.587	None	No	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-14	4.526	n/a 8/	3/25/2022	4.6	Yes 64	1.088	0.2104	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-15	4.526	n/a 8/	3/25/2022	6.4	Yes 64	1.088	0.2104	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-16	4.526	n/a 8/	3/25/2022	6.3	Yes 64	1.088	0.2104	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-18	4.526	n/a 8/	3/25/2022	4.6	Yes 64	1.088	0.2104	0	None	In(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-19	4.526	n/a 8/	3/25/2022	4.6	Yes 64	1.088	0.2104	0	None	In(x)	0.0007523	Param Inter 1 of 2
pH (SU)	PZ-14	9.48	6.96 8/	3/25/2022	6.93	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
pH (SU)	PZ-18	9.48	6.96 8/	3/25/2022	6.76	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
pH (SU)	PZ-19	9.48	6.96 8/	3/25/2022	6.67	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
pH (SU)	PZ-23A	9.48	6.96 8/	3/25/2022	6.76	Yes 64	n/a	n/a	0	n/a	n/a	0.0009281	NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-14	6.172	n/a 8/	3/25/2022	10.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	6.172	n/a 8/	3/25/2022	75.5	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	6.172	n/a 8/	3/25/2022	38.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	6.172	n/a 8/	3/25/2022	62.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	6.172	n/a 8/	3/25/2022	96.3	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	6.172	n/a 8/	3/25/2022	84.4	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	6.172	n/a 8/	3/25/2022	45.6	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	6.172	n/a 8/	3/24/2022	35.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	6.172	n/a 8/	3/24/2022	34.7	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-7D	6.172	n/a 8/	3/25/2022	47.3	Yes 64	1.633	0.4252	0	None	sqrt(x)	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-15	309.4	n/a 8/	3/25/2022	319	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-17	309.4	n/a 8/	3/25/2022	321	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-18	309.4	n/a 8/	3/25/2022	446	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-19	309.4	n/a 8/	3/25/2022	528	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-23A	309.4	n/a 8/	3/25/2022	437	Yes 62	173.2	67.95	0	None	No	0.0007523	Param Inter 1 of 2

PZ-7D

TDS (mg/L)

309.4 n/a

8/25/2022 325

Yes 62 173.2 67.95 0 None

Interwell Prediction Limits - All Results

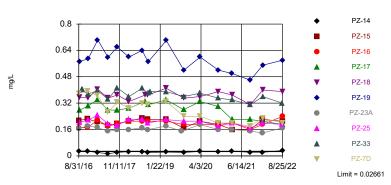
Data: Mitchell Ash Pond CCR Client: Southern Company Constituent Well Upper Lim. Lower Lim. Date Sig. Bg N Bg Mean Std. Dev. %NDs ND Adj Transform Method Observ. Boron (mg/L) PZ-14 0.02661 8/25/2022 0.032J No 64 -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 n/a ln(x) 0.0007523 Boron (mg/L) PZ-15 0.02661 n/a 8/25/2022 0.21 Yes 64 -4.313 0.3429 9.375 None In(x) Param Inter 1 of 2 PZ-16 0.02661 8/25/2022 0.24 -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 Boron (ma/L) n/a Yes 64 In(x) n/a Boron (mg/L) P7-17 0.02661 8/25/2022 0.19.1 No 64 -4 313 0.3429 9.375 None In(x) 0.0007523 Param Inter 1 of 2 PZ-18 0.02661 8/25/2022 0.39 Yes 64 -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 Boron (ma/L) n/a In(x) Yes 64 Param Inter 1 of 2 0.02661 8/25/2022 0.58 -4.313 0.3429 9.375 None 0.0007523 Boron (mg/L) PZ-19 n/a In(x) 8/25/2022 0.17J No 64 Boron (mg/L) PZ-23A 0.02661 n/a -4.313 0.3429 9.375 None 0.0007523 Param Inter 1 of 2 In(x) Param Inter 1 of 2 Boron (mg/L) PZ-25 0.02661 n/a 8/24/2022 0.19 Yes 64 -4.313 0.3429 9.375 None In(x) 0.0007523 8/24/2022 0.32 Yes 64 -4.313 Boron (mg/L) PZ-33 0.02661 n/a 0.3429 9.375 None In(x) 0.0007523 Param Inter 1 of 2 Boron (mg/L) PZ-7D 0.02661 n/a 8/25/2022 0.2 Yes 64 -4.313 0.3429 9.375 None In(x) 0.0007523 Param Inter 1 of 2 Calcium (mg/L) PZ-14 8/25/2022 108 No 63 56.47 26.52 1.587 None 0.0007523 Param Inter 1 of 2 109.6 n/a Nο PZ-15 109.6 8/25/2022 No 63 56.47 26.52 0.0007523 Param Inter 1 of 2 Calcium (mg/L) n/a 96.7 1.587 None No PZ-16 8/25/2022 No 63 56.47 0.0007523 Calcium (mg/L) 109.6 92 26.52 1.587 None Param Inter 1 of 2 n/a No Calcium (mg/L) PZ-17 109.6 8/25/2022 99.5 No 63 56.47 26.52 1.587 None No 0.0007523 Param Inter 1 of 2 Calcium (mg/L) P7-18 109.6 n/a 8/25/2022 141 Yes 63 56.47 26.52 1.587 None Nο 0.0007523 Param Inter 1 of 2 Calcium (mg/L) 109.6 n/a 8/25/2022 1.587 None No 0.0007523 Param Inter 1 of 2 8/25/2022 145 Calcium (mg/L) P7-23A 109.6 n/a Yes 63 56.47 26.52 1.587 None Nο 0.0007523 Param Inter 1 of 2 Calcium (mg/L) PZ-25 109.6 8/24/2022 No 63 56.47 26.52 1.587 None 0.0007523 Param Inter 1 of 2 n/a No Calcium (mg/L) P7-33 109.6 n/a 8/24/2022 96.5 No 63 56.47 26.52 1.587 None No 0.0007523 Param Inter 1 of 2 Calcium (mg/L) P7-7D 109.6 n/a 8/25/2022 Nο 63 56 47 26.52 1.587 None No 0.0007523 Param Inter 1 of 2 Chloride (mg/L) P7-14 4.526 n/a 8/25/2022 4.6 Yes 64 1.088 0.2104 0 0.0007523 Param Inter 1 of 2 None In(x) 8/25/2022 6.4 Chloride (ma/L) PZ-15 Yes 64 1.088 0.2104 0 0.0007523 Param Inter 1 of 2 4.526 n/a None In(x) 1.088 Chloride (mg/L) PZ-16 4.526 8/25/2022 6.3 Yes 64 0.2104 0 0.0007523 Param Inter 1 of 2 n/a None In(x) 0 PZ-17 8/25/2022 3.9 No 64 1.088 0.0007523 Param Inter 1 of 2 Chloride (mg/L) 4.526 n/a 0.2104 None In(x) Chloride (mg/L) PZ-18 4.526 n/a 8/25/2022 4.6 Yes 64 1.088 0.2104 0 None In(x) 0.0007523 Param Inter 1 of 2 Chloride (ma/L) PZ-19 4.526 n/a 8/25/2022 4.6 Yes 64 1.088 0.2104 0 None In(x) 0.0007523 Param Inter 1 of 2 Chloride (mg/L) P7-23A 4.526 8/25/2022 3.2 No 64 1.088 0 2104 0 ln(x) 0.0007523 Param Inter 1 of 2 n/a 64 0 PZ-25 4.526 8/24/2022 No 1.088 0.2104 0.0007523 Param Inter 1 of 2 Chloride (ma/L) In(x) n/a None PZ-33 4.526 8/24/2022 1.8 64 1.088 0.2104 0 0.0007523 Param Inter 1 of 2 Chloride (mg/L) n/a No In(x) Chloride (ma/L) PZ-7D 8/25/2022 4.1 No 64 1.088 0.2104 0 0.0007523 4.526 n/a None In(x) Param Inter 1 of 2 Fluoride (ma/L) PZ-14 0.29 8/25/2022 0.051J No 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 P7-15 0.29 8/25/2022 0.074.1 Nο 68 47 06 n/a 0.0004111 NP Inter (normality) 1 of 2 Fluoride (ma/L) n/a n/a n/a n/a Fluoride (mg/L) PZ-16 0.29 n/a 8/25/2022 0.058J No 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a Fluoride (ma/L) PZ-17 0.29 8/25/2022 0.078J 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a Nο n/a n/a n/a Fluoride (mg/L) PZ-18 0.29 n/a 8/25/2022 No 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a Fluoride (mg/L) PZ-19 0.29 n/a 8/25/2022 0.086JNo 68 n/a n/a 47.06 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 Fluoride (mg/L) PZ-23A 0.29 n/a 8/25/2022 0.074J No 68 n/a 47.06 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 Fluoride (mg/L) PZ-25 0.29 n/a 8/24/2022 0.15 No 68 n/a n/a 47.06 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 0.29 47.06 n/a Fluoride (mg/L) PZ-33 8/24/2022 0.092J No 68 n/a n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a Fluoride (mg/L) PZ-7D 0.29 n/a 8/25/2022 0.056J No 68 47.06 n/a 0.0004111 NP Inter (normality) 1 of 2 n/a n/a pH (SU) PZ-14 9.48 6.96 8/25/2022 6.93 Yes 64 n/a n/a 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 pH (SU) PZ-15 9.48 6.96 8/25/2022 7 15 No 64 n/a n/a 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 pH (SU) PZ-16 9.48 6.96 8/25/2022 No 64 0 n/a 0.0009281 NP Inter (normality) 1 of 2 n/a n/a pH (SU) P7-17 9 48 6.96 8/25/2022 7.05 No 64 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 n/a 8/25/2022 6.76 PZ-18 9.48 6.96 Yes 64 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) n/a n/a n/a n/a Yes 64 PZ-19 9.48 8/25/2022 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) 6.96 6.67 PZ-23A 9.48 8/25/2022 6.76 Yes 64 n/a 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) 6.96 n/a n/a n/a PZ-25 9.48 6.96 8/24/2022 7.1 No 64 0 0.0009281 NP Inter (normality) 1 of 2 pH (SU) n/a n/a n/a pH (SU) PZ-33 9.48 6.96 8/24/2022 7.1 No 64 n/a 0 n/a n/a 0.0009281 NP Inter (normality) 1 of 2 n/a PZ-7D 64 0 pH (SU) 9.48 6.96 8/25/2022 6.98 No 0.0009281 NP Inter (normality) 1 of 2 PZ-14 8/25/2022 10.7 Yes 64 1.633 0 0.0007523 Sulfate (mg/L) 6.172 n/a 0.4252 None sqrt(x) Param Inter 1 of 2 Sulfate (mg/L) PZ-15 6.172 n/a 8/25/2022 Yes 64 1.633 0.4252 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-16 6.172 n/a 8/25/2022 38.7 Yes 64 1.633 0.4252 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-17 6.172 n/a 8/25/2022 Yes 64 1.633 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-18 6.172 n/a 8/25/2022 96.3 Yes 64 1.633 0.4252 n None sqrt(x) 0.0007523 Param Inter 1 of 2

Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 10:41 AM Well %NDs ND Adj. Constituent Upper Lim. Lower Lim. Date Observ. Sig. Bg N Bg Mean Std. Dev. Transform Alpha <u>Method</u> PZ-19 6.172 8/25/2022 84.4 Yes 64 1.633 0.4252 Sulfate (mg/L) n/a None sqrt(x) 0.0007523 Param Inter 1 of 2 0.0007523 Param Inter 1 of 2 Sulfate (mg/L) PZ-23A 6.172 8/25/2022 45.6 0.4252 n/a Yes 64 1.633 0 None sqrt(x) Sulfate (mg/L) PZ-25 6.172 n/a 8/24/2022 35.7 Yes 64 1.633 0.4252 0 None 0.0007523 Param Inter 1 of 2 sart(x) Sulfate (mg/L) PZ-33 6.172 n/a 8/24/2022 34.7 Yes 64 1.633 0.4252 0 None sqrt(x) 0.0007523 Param Inter 1 of 2 8/25/2022 47.3 Sulfate (mg/L) PZ-7D 6.172 n/a Yes 64 1.633 0.4252 0 0.0007523 Param Inter 1 of 2 None sqrt(x) 8/25/2022 259 No 62 173.2 TDS (mg/L) PZ-14 309.4 n/a 67.95 0 None No 0.0007523 Param Inter 1 of 2 TDS (mg/L) PZ-15 309.4 8/25/2022 319 Yes 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 n/a None No TDS (mg/L) PZ-16 309.4 8/25/2022 90 No 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 TDS (mg/L) 309.4 n/a 8/25/2022 321 Yes 62 173.2 67.95 0 None 0.0007523 Param Inter 1 of 2 PZ-17 No TDS (mg/L) PZ-18 309.4 8/25/2022 446 Yes 62 173.2 67.95 0.0007523 Param Inter 1 of 2 PZ-19 309.4 8/25/2022 528 Yes 62 173.2 67.95 0.0007523 Param Inter 1 of 2 TDS (mg/L) n/a 0 None No TDS (mg/L) 309.4 8/25/2022 437 Yes 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 TDS (mg/L) PZ-33 309.4 8/24/2022 265 No 62 173.2 67.95 0 0.0007523 Param Inter 1 of 2 n/a None No TDS (mg/L) PZ-7D 309.4 8/25/2022 325 Yes 62 173.2 67.95 0.0007523 Param Inter 1 of 2

Exceeds Limit: PZ-15, PZ-16, PZ-18, PZ-19, PZ-25, PZ-33, PZ-7D

Prediction Limit
Interwell Parametric



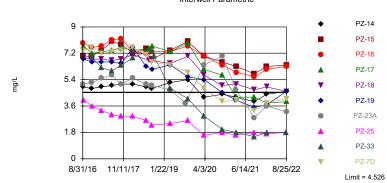
Background Data Summary (based on natural log transformation): Mean=-4.313, Std. Dev.=0.3429, n=64, 9.375% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9612, critical = 0.947. Kappa = 2.003 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

Constituent: Boron Analysis Run 11/21/2022 10:39 AM View: Appendix III - Interwell PLs
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Exceeds Limit: PZ-14, PZ-15, PZ-16, PZ-18, PZ-19

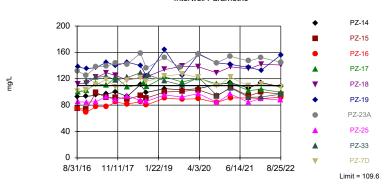
Prediction Limit
Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=1.088, Std. Dev.=0.2104, n=64. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9613, critical = 0.947. Kappa = 2.003 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Exceeds Limit: PZ-18, PZ-19, PZ-23A Prediction Limit
Interwell Parametric

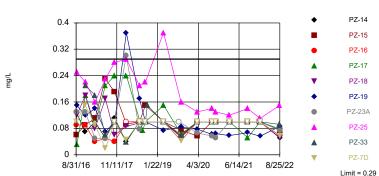


Background Data Summary: Mean=56.47, Std. Dev.=26.52, n=63, 1.587% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9649, critical = 0.947. Kappa = 2.004 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

Constituent: Calcium Analysis Run 11/21/2022 10:39 AM View: Appendix III - Interwell PLs
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values. Within Limit

Prediction Limit
Interwell Non-parametric

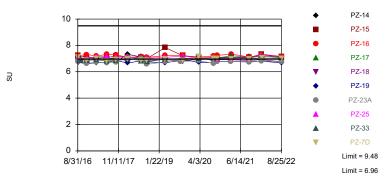


Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 68 background values. 47.06% NDs. Annual perconstituent alpha = 0.00819. Individual comparison alpha = 0.0004111 (1 of 2). Comparing 10 points to limit.

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Exceeds Limits: PZ-14, PZ-18, PZ-19, PZ-23A

Prediction Limit
Interwell Non-parametric



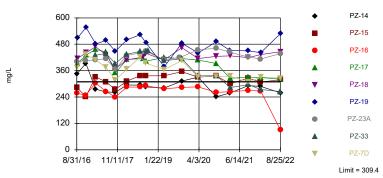
Non-parametric test used in lieu of parametric prediction limit because the Shapiro Francia normality test showed the data to be non-normal at the 0.01 alpha level. Limits are highest and lowest of 64 background values. Annual perconstituent alpha = 0.01848. Individual comparison alpha = 0.0009281 (1 of 2). Comparing 10 points to limit.

Constituent: pH Analysis Run 11/21/2022 10:39 AM View: Appendix III - Interwell PLs
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Exceeds Limit: PZ-15, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-7D

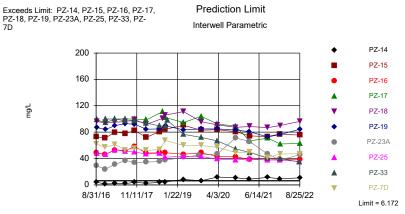
Prediction Limit
Interwell Parametric



Background Data Summary: Mean=173.2, Std. Dev_=67.95, n=62. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9631, critical = 0.947. Kappa = 2.006 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 9 points to limit. Assumes 1 future value.

Constituent: TDS Analysis Run 11/21/2022 10:40 AM View: Appendix III - Interwell PLs
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG



Background Data Summary (based on square root transformation): Mean=1.633, Std. Dev.=0.4252, n=64. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9479, critical = 0.947. Kappa = 2.003 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0057523. Comparing 10 points to limit.

Constituent: Boron (mg/L) Analysis Run 11/21/2022 10:41 AM View: Appendix III - Interwell PLs

						1 AM View: Apper Data: Mitchell Ash Po		S	
	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/30/2016	0.0132 (J)								
8/31/2016	(1)	0.0285 (J)	0.166						
9/1/2016		(0)		0.379	0.215				
9/6/2016				0.070	0.2.10	0.17			
9/7/2016						0.17	0.276	0.355	0.573
9/8/2016							0.270	0.555	0.575
10/5/2016									
10/10/2016									
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							0.303	0.351	0.588
3/21/2017	0.0082 (J)	0.0198 (J)	0.172						
3/22/2017				0.365	0.205	0.218	0.342	0.405	
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		0.278	0.35	0.598
10/17/2017	0.0083 (J)								
10/18/2017	•	0.0212 (J)	0.158		0.197	0.195	0.277	0.37	
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	0.29	0.33	0.6
4/12/2018									
5/23/2018									
6/13/2018									
	0.017 (1)	0.026 (1)	0.17						
7/11/2018	0.017 (J)	0.026 (J)	0.17	0.00	0.00	0.01			0.04
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							0.31		0.57
10/4/2018									
10/24/2018									
3/26/2019	0.0082								
3/27/2019		0.023	0.18			0.21		0.41	
3/28/2019				0.33	0.22		0.34		0.7
9/10/2019			0.15						
10/1/2019	0.0064 (X)								
10/2/2019		0.021 (X)			0.17	0.19	0.28		
10/3/2019				0.24				0.35	0.52
3/24/2020	0.013 (J)								
3/25/2020	21212 (2)	0.027 (J)	0.19				0.33		
3/26/2020		0.027 (0)	0.10	0.24	0.21	0.19	0.00	0.36	0.6
10/6/2020	0.015 (J)	0.026 (J)	0.16	0.24	0.21	0.19		0.00	0.0
10/6/2020	0.013 (3)	0.020 (3)	0.10	0.2	0.10	0.13	0.3	0.30	0.52
	0.04 (1)	0.000 (1)	0.16	0.2	0.19		0.3	0.39	0.52
3/3/2021	0.01 (J)	0.028 (J)	0.16	0.2	0.10	0.0	0.22	0.27	0.5
3/4/2021				0.2	0.16	0.2	0.22	0.37	
3/8/2021									
9/14/2021	<0.04		_						
9/15/2021		0.022 (J)	0.15		0.16	0.16			

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
9/16/2021				0.18			0.22	0.31	0.46
1/25/2022	0.01 (J)								
1/26/2022		0.022 (J)	0.14		0.22	0.19			
1/27/2022				0.23			0.21	0.4	0.55
8/24/2022	0.011 (J)								
8/25/2022		0.032 (J)	0.17 (J)	0.2	0.21	0.24	0.19 (J)	0.39	0.58

Constituent: Boron (mg/L) Analysis Run 11/21/2022 10:41 AM View: Appendix III - Interwell PLs Data: Mitchell Ash Pond CCR

			Plant Mit	taball Cliant: South	norn Compony
			Plant Mit	Icheli Cilent. Souti	nern Company I
	PZ-25	PZ-33	PZ-31 (bg)	PZ-32 (bg)	PZ-2D (bg)
8/30/2016					
8/31/2016					
9/1/2016					
9/6/2016					
9/7/2016					
9/8/2016	0.204				
10/5/2016		0.404			
10/10/2016		0.401			
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		0.396		0.0103 (J)	
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		
3/27/2019	0.22			0.012	0.016
3/28/2019		0.39			
9/10/2019					
10/1/2019				0.011 (X)	
10/2/2019	0.21		0.0084 (X)		0.011 (X)
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)
0/45/0004			.0.04		

<0.04

9/15/2021

0.17

	PZ-25	PZ-33	PZ-31 (bg)	PZ-32 (bg)	PZ-2D (bg)
9/16/2021		0.31			
1/25/2022					0.013 (J)
1/26/2022	0.2		<0.04	0.01 (J)	
1/27/2022		0.36			
8/24/2022	0.19	0.32	<0.04	0.022 (J)	0.012 (J)
8/25/2022					

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
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							100	112	138
9/8/2016									
10/18/2016									
12/6/2016	43.3								
12/7/2016		93.1	125	103	74	68.9			
12/8/2016							102	113	135
3/21/2017	44.1	95	138						
3/22/2017				111	99.3	77.8	113	122	
3/23/2017									137
7/11/2017	47.4	97.1	139			77.3			
7/12/2017				119	91.4		110	129	145
10/17/2017	48.7								
10/18/2017		100	144		92	84.7	122	125	
10/19/2017				107					140
2/20/2018	46.8	93.1	142						
2/21/2018				118	89	81.8	107	118	145
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	65.3 (o)	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							108		124
10/4/2018									
10/24/2018									
3/26/2019	43.3								
3/27/2019		105	152			90.5		134	
3/28/2019				124	100		123		164
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		112	129	144
3/3/2021	54.7	114	154						142
3/4/2021				122	107	90.9	113	138	
3/8/2021						-	-	-	
9/14/2021	51								
9/15/2021		106	147		94	91			
9/16/2021		- -	•	109	-		102	135	137
1/25/2022	53.1			- -			- -	- -	-
-									

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
1/26/2022		114	152		100	90.1			
1/27/2022				112			104	142	133
8/24/2022	45.8								
8/25/2022		108	145	107	96.7	92	99.5	141	156

			Plant Mitchel	Client: Southern	Company Data: Mitchell Ash Pond CCR
	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
8/30/2016					
8/31/2016					
9/1/2016					
9/6/2016					
9/7/2016					
9/8/2016	85.2				
10/18/2016		57.2	88.3		
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	59.7	86		
7/12/2017				124	
10/17/2017		64.9	91.6		
10/18/2017	87.6	00	00		
10/19/2017				118	
2/20/2018		64.1	86.5		
2/21/2018	93.9	04.1		122	
4/12/2018	00.0				<25
5/23/2018					17.6 (J)
6/13/2018					14.3
7/11/2018		60.4	95.4		15.6
7/11/2018	87.1	00.4		129	13.0
8/15/2018	07.1			125	
8/16/2018					
8/17/2018					27
9/12/2018			86		26.9
	0.5.0	E0 7	80		20.9
9/13/2018 9/14/2018	85.8	58.7		123	
					25
10/4/2018				126	25
10/24/2018			07.0		23.8
3/26/2019	05.0	54.0	87.3		00.4
3/27/2019	95.2	54.6		447	26.1
3/28/2019				117	
9/10/2019		04.0			
10/1/2019		64.3			
10/2/2019	92.3		95.5	440	21
10/3/2019				110	
3/24/2020					26.5
3/25/2020	97.5	66.6	95.8		
3/26/2020				122	
10/6/2020		62.8	98.8		22.7
10/7/2020	84.2			94.7	
3/3/2021	96.8	64.8 (M1)	104		
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

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
1/26/2022	90.2	69.2	102		
1/27/2022				92.5	
8/24/2022	87.6	67.1	95.2	96.5	27.3
8/25/2022					

		PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17
8/30	0/2016	3.1								
8/31	1/2016		4.9	5.1						
9/1/	/2016				7.4	7				
9/6/	/2016						7.9			
9/7/	/2016							6.8	6.9	7.7
9/8/	/2016									
10/1	18/2016									
12/6	6/2016	3.4								
12/7	7/2016		4.8	5.2	7.6	7	7.6			
12/8	8/2016							6.6	6.8	7.2
3/21	1/2017	2.9	4.9	5.5						
3/22	2/2017				7.2	7.4	7.7		6.8	7.3
3/23	3/2017							6.6		
7/11	1/2017	3.4	5	5.7			8.1			
7/12	2/2017				7.3	8		6.6	6.7	7.4
	17/2017	3.3								
	18/2017		5.1	5.1		7.8	8.2		6.8	7.6
	19/2017				7.4			6.5		
	0/2018	3.3	5.1	5.5						
	1/2018				7.6	7.2	7.3	7.6	7.1	7.4
	2/2018									
	3/2018									
	3/2018									
	1/2018	2.9	4.9	5.1						
	2/2018				7.1	7.5	7.2	6.3		
	5/2018								6.7	
	6/2018									7.5
	7/2018									
	2/2018	2.8	4.8							
	3/2018			5	6.6	6.8	7.3		6.7	
	4/2018							6.1		7.7
	4/2018									
	24/2018									
	6/2019	3.3								
	7/2019		5.2	4.7			7.3		6.5	
	8/2019				6.4	7.4		6.4		7.3
	0/2019			3.8						
	1/2019	3.6								
	2/2019		5.4			8	7.7			7.9
	3/2019				5.9			5.6	7	
	4/2020	2.8								
	5/2020		4.2	6.4						6.1
	6/2020				4.8	7	7	5.4	5.7	
	6/2020	3	4.4	7			6.4			
	7/2020				3.9	6.6		4.5	5	5.7
	/2021	2.8	4.2	4.7				4		
	/2021	-			4	6.3	5.9		5.1	4.2
	/2021					- -	- -			
	4/2021	2.9								
	5/2021	-	3.9	2.8		5.8	5.6			
	6/2021		-	-	3.3	-	-	3.5	4.7	4.2
	5/2022	2.9			-			-		

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17
1/26/2022		4.4	3.6		6.3	6.1			
1/27/2022				3.8			3.7	4.9	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

				i lant witcher	ii Ciletti. Oodittetti	Todifpariy Bata. Mitchell Ash Fond Core
		PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)
8	3/30/2016					
8	3/31/2016					
g	9/1/2016					
g	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	0.0		2.9	6.2	
	7/11/2017	3	4.7	3.1	0.2	
	7/11/2017	3	4.7		6	
			4.0		0	
	10/17/2017	2.0	4.6	3		
	10/18/2017	2.9			0.4	
	10/19/2017				6.4	
	2/20/2018		4.4	3		
	2/21/2018	2.9			6.9	
	1/12/2018					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	
	3/15/2018					
	3/16/2018					
8	3/17/2018					2.6
9	9/12/2018		3.7			2.3
9	9/13/2018	2.3		2.2		
9	9/14/2018				7.3	
1	10/4/2018				7	2.7
1	10/24/2018					2.8
3	3/26/2019		3.8			
3	3/27/2019	2.4		3.1		2.5
3	3/28/2019				4.8	
9	9/10/2019					
1	10/1/2019			3.1		
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	
	3/4/2021					2.4
	9/14/2021			2.2		2.5
	9/15/2021	1.8	2.8	۷.۵		2.0
	9/16/2021	1.0	2.0		1.5	
					1.0	2.4
1	1/25/2022					2.4

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)
1/26/2022	1.7	3.2	2.4		
1/27/2022				1.8	
8/24/2022	1.8	3	2.7	1.8	2.1
8/25/2022					

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
8/30/2016	0.06 (J)								
8/31/2016	(,,	0.13 (J)	0.13 (J)						
9/1/2016				0.06 (J)	<0.1				
9/6/2016				(-)		0.09 (J)			
9/7/2016						0.00 (0)	0.03 (J)	0.12 (J)	0.15 (J)
9/8/2016							0.00 (0)	0.12 (0)	0.10 (0)
10/18/2016									
12/6/2016	0.06 (J)								
12/7/2016	0.00 (0)	0.07 (J)	0.13 (J)	0.09 (J)	0.15 (J)	0.09 (J)			
12/8/2016		0.07 (3)	0.13 (0)	0.03 (0)	0.13 (0)	0.03 (3)	0.18 (J)	0.18 (J)	0.12 (J)
3/21/2017	0.004 (J)	<0.1	0.05 (J)				0.10 (0)	0.10 (0)	0.12 (0)
3/22/2017	0.004 (0)	-0.1	0.00 (0)	0.11 (J)	0.09 (J)	0.04 (J)	0.09 (J)	0.08 (J)	
3/23/2017				0.11(0)	0.03 (0)	0.04 (0)	0.03 (3)	0.00 (0)	0.14 (J)
7/11/2017	0.05 (J)	0.05 (J)	0.05 (J)			0.05 (J)			0.14 (0)
7/11/2017	0.03 (3)	0.03 (3)	0.03 (3)	0.23 (J)	0.02 (J)	0.03 (3)	0.21 (J)	0.17 (J)	0.07 (J)
10/17/2017	<0.1			0.23 (3)	0.02 (3)		0.21 (3)	0.17 (3)	0.07 (3)
10/17/2017	<0.1	0.11 (J)	<0.1	0.19 (J)		0.04 (J)	0.24 (J)	0.06 (J)	
10/19/2017		0.11(3)	~0.1	0.19 (3)	-0.1	0.04 (3)	0.24 (3)	0.00 (3)	<0.1
	0.008 (1)	0.0471)	0.271)		<0.1				<0.1
2/20/2018 2/21/2018	0.098 (J)	0.04 (J)	0.3 (J)	0.093 (J)	0.045 (1)	~0.1	0.24 (1)	0.086 (1)	0.37
				0.093 (3)	0.045 (J)	<0.1	0.24 (J)	0.086 (J)	0.37
4/12/2018									
5/23/2018									
6/13/2018	-0.1	-0.1	0.077 (1)						
7/11/2018	<0.1	<0.1	0.077 (J)	-0.4	-0.4	-0.1			0.47 (1)
7/12/2018				<0.1	<0.1	<0.1		-0.1	0.17 (J)
8/15/2018							0.070 (1)	<0.1	
8/16/2018							0.073 (J)		
8/17/2018	0.034 (1)	-0.1							
9/12/2018	0.034 (J)	<0.1	-0.4	0.45 (1)	-0.4	-0.1		-0.1	
9/13/2018			<0.1	0.15 (J)	<0.1	<0.1	-0.4	<0.1	-0.1
9/14/2018							<0.1		<0.1
10/4/2018									
10/24/2018	-0.4								
3/26/2019	<0.1	-0.1	-0.1			-0.1		-0.1	
3/27/2019		<0.1	<0.1	0.1	-0.4	<0.1	0.45	<0.1	0.074
3/28/2019			<0.1	0.1	<0.1		0.15		0.074
9/10/2019	0.062 (V)		<0.1						
10/1/2019	0.062 (X)	0.056 (X)		0.07E (V)		0.0E2 (V)	0.063 (V)		
10/2/2019		0.056 (X)		0.075 (X)	0.044 (W)	0.053 (X)	0.063 (X)	0.040 (00)	0.004 ()()
10/3/2019	-0.4				0.041 (X)			0.043 (X)	0.084 (X)
3/24/2020	<0.1	-0.1	0.066 (1)				-0.1		
3/25/2020		<0.1	0.066 (J)	0.056 (1)	-0.1	-0.1	<0.1	-0.1	0.077 (1)
3/26/2020	-0.4			0.056 (J)	<0.1	<0.1		<0.1	0.077 (J)
8/25/2020	<0.1	-0.4	0.057 (1)	-0.4	-0.4	-0.1	-0.4		0.000 (1)
8/26/2020		<0.1	0.057 (J)	<0.1	<0.1	<0.1	<0.1	-0.1	0.062 (J)
8/27/2020	-0.1	-0.1	0.050 / "			-0.4		<0.1	
10/6/2020	<0.1	<0.1	0.052 (J)	-0.4	-0.1	<0.1	-0.1	-0.1	0.004 (1)
10/7/2020	-0.1	-0.1	-0.1	<0.1	<0.1		<0.1	<0.1	0.064 (J)
3/3/2021	<0.1	<0.1	<0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.058 (J)
3/4/2021				<0.1	<0.1	<0.1	<0.1	<0.1	
3/8/2021	-0.1								
9/14/2021	<0.1								

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
9/15/2021		<0.1	<0.1	<0.1		<0.1			
9/16/2021					<0.1		0.052 (J)	<0.1	0.067 (J)
1/25/2022	<0.1								
1/26/2022		<0.1	<0.1	<0.1		<0.1			
1/27/2022					<0.1		<0.1	<0.1	0.056 (J)
8/24/2022	0.08 (J)								
8/25/2022		0.051 (J)	0.074 (J)	0.074 (J)	0.056 (J)	0.058 (J)	0.078 (J)	0.052 (J)	0.086 (J)

			Fidilitivii	tcheii Client. 30ut	ithern Company Data. Willonell Ash Ford CCN
	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
8/30/201	16				
8/31/201	16				
9/1/2016	3				
9/6/2016					
9/7/2016					
9/8/2016					
10/18/20		0.11 (J)	0.16 (J)		
12/6/201		(-)	0.15 (J)		
12/7/201		0.07 (J)	0.10 (0)		
12/8/201		0.07 (0)		0.21 (J)	
3/21/201			0.02 (J)	0.21 (0)	
3/22/201			0.02 (0)		
3/23/201		<0.1		0.18 (J)	
7/11/201		0.02 (J)	0.06 (J)	0.10 (0)	
		0.02 (3)	0.00 (3)	0.06 (1)	
7/12/201		-0.1	0.05 (1)	0.06 (J)	
10/17/20		<0.1	0.05 (J)		
10/18/20				.0.4	
10/19/20				<0.1	
2/20/201		<0.1	0.21 (J)		
2/21/201	• ,			0.039 (J)	
4/12/201					<0.1
5/23/201					0.063 (J)
6/13/201					0.11 (J)
7/11/201		<0.1	0.087 (J)		<0.1
7/12/201				<0.1	
8/15/201					
8/16/201	18				
8/17/201	18				<0.1
9/12/201	18		0.049 (J)		0.093 (J)
9/13/201	18 0.22 (J)	<0.1			
9/14/201	18			<0.1	
10/4/201	18			0.15 (J)	0.15 (J)
10/24/20)18				0.29 (J)
3/26/201	19		<0.1		
3/27/201	19 0.37	<0.1			0.04
3/28/201	19			<0.1	
9/10/201	19				
10/1/201	19	0.042 (X)			
10/2/201	19 0.16 (X)		0.057 (X)		0.11 (X)
10/3/201	19			0.06 (X)	
3/24/202	20				0.051 (J)
3/25/202	20 0.13 (J)	<0.1	<0.1		
3/26/202				<0.1	
8/25/202		<0.1	<0.1		
8/26/202				<0.1	0.057 (J)
8/27/202					``
10/6/202		<0.1	<0.1		0.073 (J)
10/7/202				<0.1	
3/3/2021		<0.1	<0.1	2	
3/4/2021				<0.1	
3/8/2021				-0.1	<0.1
9/14/202		<0.1			0.089 (J)
5/ 1 4 /202		-0.1			3.555 (4)

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
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	
8/24/2022	0.15	0.058 (J)	0.069 (J)	0.092 (J)	0.088 (J)
8/25/2022					

Constituent: pH (SU) Analysis Run 11/21/2022 10:41 AM View: Appendix III - Interwell PLs

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17
8/30/2016	7.67								
8/31/2016		6.97	6.75						
9/1/2016				7.07	7.21				
9/6/2016						7.23			
9/7/2016							6.71	6.92	7.02
9/8/2016									
10/4/2016									
10/5/2016									
10/17/2016									
10/18/2016									
12/6/2016	7.57								
12/7/2016	7.07	6.85	6.64	6.85	7.13	7.3			
12/8/2016		0.00	0.04	0.00	7.13	7.5	6.61	6.9	6.95
3/21/2017	7.54	7.04	6.73				0.01	0.9	0.93
3/22/2017	7.54	7.04	0.73	6.99	7.04	7.2		7	7.05
				0.99	7.04	7.2	6.60	,	7.03
3/23/2017	7.42	6.00	6.66			7.01	6.69		
7/11/2017	7.43	6.88	6.66	0.00	7.00	7.31	0.00	0.05	7.00
7/12/2017				6.83	7.09		6.69	6.95	7.06
10/17/2017	7.7	0.77	0.70		7.0	7.00	0.00		0.00
10/18/2017		6.77	6.73		7.2	7.28	6.88		6.99
10/19/2017				6.91			6.85		
2/20/2018	7.57	7.32 (D)	7.11						
2/21/2018				6.97	7.11	7.1	6.66	6.89	6.95
7/11/2018	7.48	7.12	7						
7/12/2018				6.85	7.07	7.14	6.84	7.01	7.06
8/15/2018								6.87	
8/16/2018									7.01
9/12/2018	7.41	6.87							
9/13/2018			6.56	6.88	7.01	7.08		6.86	
9/14/2018							6.76		6.83
3/26/2019	7.49								
3/27/2019		6.98	6.75			7.23		6.92	
3/28/2019				6.96	7.84		6.67		6.97
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				7.12	7.08	7.12	6.7	7.01	
8/25/2020	7.49								
8/26/2020		6.98	6.64	7.01	7.08	7.18	6.68		6.98
8/27/2020								6.88	
10/6/2020	7.35	7.01	6.78			7.24			
10/7/2020				6.98	7.11		6.78	6.91	7.04
3/3/2021	7.56	6.99	6.79				6.78		
3/4/2021				6.95	7.09	7.34		6.91	7.09
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	6.85	7.03
1/25/2022	7.51								

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17
1/26/2022		7.05	6.83		7.33	7.26			
1/27/2022				7.03			6.8	6.92	7.03
8/24/2022	7.49								
8/25/2022		6.93	6.76	6.98	7.15	7.14	6.67	6.76	7.05

			Flant Mitterie	ii Ciletti. Sodittett	Technipany Data: Willeria Asir Ford Con
	PZ-25	PZ-33	PZ-32 (bg)	PZ-31 (bg)	PZ-2D (bg)
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			
10/17/2016			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	7.10	6.9	7.26		
7/11/2017	7.15	7.82 (o)	7.31	6.96	
7/11/2017	7.10	6.81	7.51	0.50	
10/17/2017		0.01	7.29	7.31	7.61
10/17/2017	7.09		7.29	7.51	7.01
10/18/2017	7.03	6.86			
2/20/2018		0.00	7.26		
	7.10	7.00	7.26		
2/21/2018	7.12	7.02	7.00	7.00	0.40
7/11/2018		0.00	7.39	7.26	9.48
7/12/2018		6.82		7.01	
8/15/2018					
8/16/2018					
9/12/2018				7.02	9.07
9/13/2018	7.03		7.25		
9/14/2018		6.75			
3/26/2019				7	
3/27/2019	7.08		7.42		8.76
3/28/2019		6.96			
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
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

	PZ-25	PZ-33	PZ-32 (bg)	PZ-31 (bg)	PZ-2D (bg)
1/26/2022	7.28		7.44	7.1	
1/27/2022		7.18			
8/24/2022	7.1	7.1	7.34	7.04	8.01
8/25/2022					

		PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17
8	3/30/2016	2.1								
8	3/31/2016		4.1	29						
ç	9/1/2016				62	73				
ç	9/6/2016						49			
	9/7/2016							87	96	99
	9/8/2016									
	10/18/2016									
	12/6/2016	2.4								
	12/7/2016		1.5	24	57	71	46			
	12/8/2016							84	94	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		93	96	100
	10/17/2017	2.5				, ,				
	10/18/2017		4.2	34		82	58		99	100
	10/19/2017				55	02		92		
	2/20/2018	2.3	2.4	34.7				<i>52</i>		
	2/21/2018	2.0	2.4	04.7	52.1	72.2	48.2	84.5	91.8	98.8
	4/12/2018				02.1	72.2	40.2	04.0	31.3	00.0
	5/23/2018									
	6/13/2018									
	7/11/2018	2.5	3.8	35.4						
	7/11/2018	2.0	3.0	33.4	53.9	80.5	48.8	84.9		
	3/15/2018				33.3	80.3	40.0	04.3	101	
	3/15/2018									111
	3/17/2018									111
	9/12/2018	2	4.3							
	9/13/2018	2	7.5	37.4	67.5	84.4	48.7		106	
	9/14/2018			57.4	07.5	04.4	40.7	89.5		102
	10/4/2018							00.0		102
	10/24/2018									
	3/26/2019	2.7								
	3/27/2019		8.2	41.9			46.5		111	
	3/28/2019		0.2	41.5	59.6	90.3	40.0	83.5		94.7
	9/10/2019			45.1	00.0	50.5		00.0		04.7
	10/1/2019	2.8		40.1						
	10/2/2019		6.2			83	48.5			104
	10/3/2019		0.2		59.6	00	40.0	84.9	95.8	104
	3/24/2020	3			33.0			04.5	33.0	
	3/25/2020		11.9	47						92.4
	3/26/2020		11.5	77	57.1	83.6	43.5	84.9	91	UZ.4
	10/6/2020	2.4	11	71.2	07.1		42.4	04.5	31	
	10/7/2020	2.7		71.2	48.9	80.7	72.7	83.3	87.3	89.1
	3/3/2021	2.2	8.8	66	40.5	00.7		80.8	07.0	00.1
	3/4/2021	2.2	0.0	00	49.7	74.1	38.9		88.6	66.8
	3/8/2021						55.5		55.0	55.5
	9/14/2021	2.6								
	9/15/2021		11.4	46.8		73.4	37.8			
	9/16/2021			.0.0	41.8		55	72.7	86.9	70.9
	1/25/2022	2.4						,,	55.5	

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17
1/26/2022		9.1	37.8		77.2	38.9			
1/27/2022				46.7			76.3	89.9 (M1)	62.1
8/24/2022	2.2								
8/25/2022		10.7	45.6	47.3	75.5	38.7	84.4	96.3	62.7

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	
8/30/2016						
8/31/2016						
9/1/2016						
9/6/2016						
9/7/2016						
9/8/2016	48					
10/18/2016	40	2.2	2.3			
		6.1	2.3			
12/6/2016		0.1	1.0			
12/7/2016	46		1.9	100		
12/8/2016	46	5.7		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	
		3.6	2			
7/11/2018	49.2	3.6	2	90.4	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			
	42	1.6	۷.۷		4.1	
10/2/2019	43	1.6		70.4	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)			0	
	37.0	0.04 (3)		40.4		
9/16/2021				40.4	2.0	
1/25/2022					2.9	

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)
1/26/2022	37.5	0.69 (J)	1.9		
1/27/2022				40	
8/24/2022	35.7	0.56 (J)	1.7	34.7	2
8/25/2022					

Constituent: TDS (mg/L) Analysis Run 11/21/2022 10:41 AM View: Appendix III - Interwell PLs

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-18	PZ-17	PZ-19
8/30/2016	136								
8/31/2016		344	400						
9/1/2016				284	373				
9/6/2016						257			
9/7/2016							415	392	508
10/18/2016									
12/6/2016	207								
12/7/2016		393	406	242	433	248			
12/8/2016							441	431	556
3/21/2017	128	276	409						
3/22/2017				332	409	304	469	456	
3/23/2017									482
7/11/2017	138	263	414			265			
7/12/2017				308	374		432	445	497
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				312	367	285	409	411	500
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	153	294	440						
7/12/2018				337	423	285			523
8/15/2018							422		
8/16/2018								415	
8/17/2018									
9/12/2018	146	286							
9/13/2018		200	448	336	394	291	438		
9/14/2018						20.	.00	403	486
10/4/2018									
10/24/2018									
3/26/2019	334								
3/27/2019		281	410			277	408		
3/28/2019		201	410	337	365	217	400	420	378
9/10/2019			420	007				.20	0.0
10/1/2019	146		420						
10/2/2019		312		355		284		415	
10/3/2019		0.2			405	20.	464		485
3/24/2020	228				.00				
3/25/2020	220	330	454					408	
3/26/2020		330	707	330	332	286	415	400	440
10/6/2020	153	241	462	000	002	261	410		110
10/7/2020	100	2-7-1	402	336	334	201	425	392	492
3/3/2021	134	258	444	330	334		425	332	452
3/4/2021	10-1	200		300	335	264	427	325	402
3/8/2021					-50	=2:			
9/14/2021	150								
9/15/2021	100	292	422	326		270			
9/16/2021		-32		520	307	_, 0	419	330	450
1/25/2022	148				007		713	550	
1/26/2022	. 10	288	413	308		267			
112012022		200	710	550		207			

Page 2

Prediction Limit

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-18	PZ-17	PZ-19
1/27/2022					331		433	329	442
8/24/2022	139								
8/25/2022		259	437	319	325	90	446	321	528

			Plant Mi	itchell Client: Southern Company Data: Mitchell Ash Pond CCR
	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)
8/30/2016				
8/31/2016				
9/1/2016				
9/6/2016				
9/7/2016				
10/18/2016	264	152		
12/6/2016	299			
12/7/2016		214		
12/8/2016			503 (o)	
3/21/2017	260			
3/22/2017				
3/23/2017		165	430	
7/11/2017	244	162		
7/12/2017			438	
10/17/2017	218	140		
10/18/2017				
10/19/2017			393	
2/20/2018	264	163		
2/21/2018			435	
4/12/2018				69
5/23/2018				62
6/13/2018				93
7/11/2018	273	192		84
7/12/2018			447	
8/15/2018				
8/16/2018				
8/17/2018				115
9/12/2018	252			97
9/13/2018		192		
9/14/2018			447	
10/4/2018			450	103
10/24/2018				110
3/26/2019	253			
3/27/2019		167		87
3/28/2019			405	
9/10/2019				
10/1/2019		187		
10/2/2019	263			95
10/3/2019			414	
3/24/2020				123
3/25/2020	278	178		
3/26/2020			336	
10/6/2020	254	169		81
10/7/2020			337	
3/3/2021	264	166		
3/4/2021			283	
3/8/2021				126
9/14/2021		179		71
9/15/2021	256			
9/16/2021			296	
1/25/2022				68
1/26/2022	262	182		

Page 4

Prediction Limit

	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)	
1/27/2022			274		
8/24/2022	261		265		
8/25/2022					

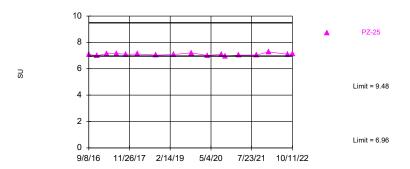
FIGURE E.

Interwell Prediction Limits - Resample Results (No Significant)

	Plant I	Mitchell Client: So	uthern Compar	y Data: M	itchell Ash Pond CCR	Printed 11/21/2	2022, 1	0:43 AM			
Constituent	Well	Upper Lim. Lower	Lim. Date	Observ.	Sig. Bg N Bg Mean	Std. Dev.	<u>%N[</u>	Os ND Adj.	Transform	<u>Alpha</u>	<u>Method</u>
pH (SU)	PZ-25	9.48 6.96	10/11/202	2 7.13	No 66 n/a	n/a	0	n/a	n/a	0.0008751	NP Inter (normality) 1 of 2
TDS (mg/L)	PZ-25	307.8 n/a	10/11/202	2 267	No 64 171.6	67.98	0	None	No	0.0007523	Param Inter 1 of 2

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

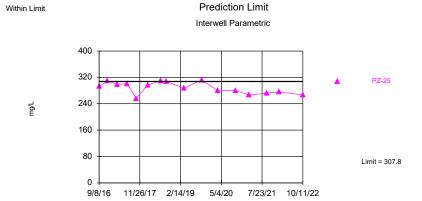
Within Limits Prediction Limit
Interwell Non-parametric



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. Limits are highest and lowest of 66 background values. Annual perconstituent alpha = 0.01743. Individual comparison alpha = 0.008751 (1 of 2). Assumes 9 future values.

Constituent: pH Analysis Run 11/21/2022 10:43 AM View: Appendix III - Interwell PLs Resample
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG



Background Data Summary: Mean=171.6, Std. Dev=67.98, n=64. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9633, critical = 0.947. Kappa = 2.003 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Assumes 9 future values.

Prediction Limit

Constituent: pH (SU) Analysis Run 11/21/2022 10:43 AM View: Appendix III - Interwell PLs Resample
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-1D (bg)	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-2D (bg)
8/30/2016	7.67				
9/8/2016		7.1			
10/17/2016			7.43		
10/18/2016			7.45	7.15	
12/6/2016	7.57			7.04	
12/7/2016			7.29		
12/8/2016		6.98			
3/21/2017	7.54			7.01	
3/22/2017		7.16			
3/23/2017			7.26		
7/11/2017	7.43	7.15	7.31	6.96	
10/17/2017	7.7		7.29	7.31	7.61
10/18/2017		7.09			
2/20/2018	7.57		7.26		
2/21/2018		7.12			
7/11/2018	7.48		7.39	7.26	9.48
7/12/2018				7.01	
9/12/2018	7.41			7.02	9.07
9/13/2018		7.03	7.25		
3/26/2019	7.49			7	
3/27/2019		7.08	7.42		8.76
10/1/2019	7.5		7.43		
10/2/2019		7.2		7.09	8.97
3/24/2020	7.79				8.57
3/25/2020		7.01	7.23	7.15	
8/25/2020	7.49		7.53	7.14	
8/26/2020		7.09			7.97
10/6/2020	7.35		7.27	7.01	8.72
10/7/2020		6.95			
3/3/2021	7.56	7.04	7.41	7.14	
3/8/2021					7.77
9/14/2021	7.45		7.31		8.96
9/15/2021		7.05		6.99	
1/25/2022	7.51				8.4
1/26/2022		7.28	7.44	7.1	
8/24/2022	7.49	7.1	7.34	7.04	8.01
10/11/2022		7.13	7.37		7.94

Prediction Limit

Constituent: TDS (mg/L) Analysis Run 11/21/2022 10:43 AM View: Appendix III - Interwell PLs Resample
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-1D (bg)	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-2D (bg)
8/30/2016	136				
9/8/2016		293			
10/18/2016			264	152	
12/6/2016	207		299		
12/7/2016				214	
12/8/2016		309			
3/21/2017	128		260		
3/22/2017		299			
3/23/2017				165	
7/11/2017	138	301	244	162	
10/17/2017	101		218	140	
10/18/2017		256			
2/20/2018	138		264	163	
2/21/2018		297			
4/12/2018					69
5/23/2018					62
6/13/2018					93
7/11/2018	153		273	192	84
7/12/2018		310			
8/17/2018					115
9/12/2018	146		252		97
9/13/2018		307		192	
10/4/2018					103
10/24/2018					110
3/26/2019	334		253		
3/27/2019		287		167	87
10/1/2019	146			187	
10/2/2019		312	263		95
3/24/2020	228				123
3/25/2020		280	278	178	
10/6/2020	153		254	169	81
10/7/2020		280			
3/3/2021	134	267	264	166	
3/8/2021					126
9/14/2021	150			179	71
9/15/2021		272	256		
1/25/2022	148	070	000	100	68
1/26/2022	100	276	262	182	
8/24/2022	139	2027	261	170	75
10/11/2022		267		173	75

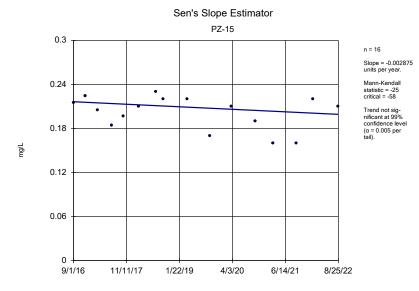
FIGURE F.

Trend Tests - Prediction Limit Exceedances - Significant Results

	Plant Mitchell	Client: Southern Company	Data: Mitchell	Ash Pond	CCR Pri	inted 1	1/21/20	22, 4:48	PM			
Constituent	Well		Slope	Calc.	Critical	Sig.	<u>N</u>	%NDs	Normality	<u>Xform</u>	<u>Alpha</u>	Method
Boron (mg/L)	PZ-33		-0.01244	-78	-68	Yes	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-7D		-0.0341	-84	-58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-18		4.478	83	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)		2.442	69	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)		1.939	70	58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-16		-0.347	-76	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-18		-0.3988	-82	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-19		-0.5273	-93	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-31 (bg)		-0.3431	-86	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-14		1.677	83	58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-16		-2.677	-81	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-19		-1.705	-61	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-23A		4.222	84	58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-25		-2.516	-92	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-2D (bg)		-0.6424	-70	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)		-0.9633	-91	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-33		-12.82	-108	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D		-2.016	-59	-58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-17		-16.07	-64	-58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-7D		-12.16	-60	-58	Yes	16	0	n/a	n/a	0.01	NP

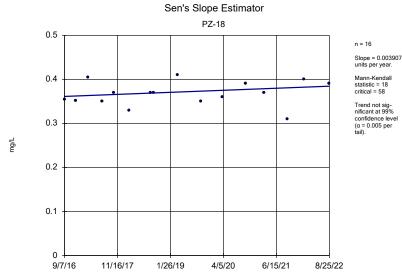
Trend Tests - Prediction Limit Exceedances - All Results

	Plant Mitchell	Client: Southern Company	Data: Mitchel	Ash Pond	CCR P	rinted 1	1/21/20)22, 4:48	B PM			
Constituent	Well		Slope	Calc.	Critical	Sig.	<u>N</u>	%NDs	Normality	<u>Xform</u>	<u>Alpha</u>	Method
Boron (mg/L)	PZ-15		-0.002875	-25	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-16		0	10	58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-18		0.003907	18	58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-19		-0.02163	-42	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-1D (bg)		0.0003842	12	58	No	16	6.25	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-25		-0.005259	-41	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-2D (bg)		-0.001017	-43	-58	No	16	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-31 (bg)		0	-1	-58	No	16	25	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-32 (bg)		0	-1	-58	No	16	6.25	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-33		-0.01244	-78	-68	Yes	18	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-7D		-0.0341	-84	-58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-18		4.478	83	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-19		0.9209	11	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-1D (bg)		1.612	53	53	No	15	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-23A		2.968	52	58	No	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-2D (bg)		2.155	30	58	No	16	6.25	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)		2.442	69	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)		1.939	70	58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-14		-0.1076	-35	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-15		-0.2275	-52	-58	No	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-16		-0.347	-76	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-18		-0.3988	-82	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-19		-0.5273	-93 47	-58	Yes	16	0	n/a	n/a	0.01	NP
Chloride (mg/L) Chloride (mg/L)	PZ-1D (bg)		-0.08315 -0.05458	-47 26	-58	No	16 16	0	n/a	n/a	0.01 0.01	NP NP
	PZ-2D (bg)			-36	-58 -5 8	No			n/a	n/a		
Chloride (mg/L) Chloride (mg/L)	PZ-31 (bg) PZ-32 (bg)		-0.3431 -0.1674	-86 -58	-58 -58	Yes No	16 16	0 0	n/a n/a	n/a n/a	0.01 0.01	NP NP
pH (SU)	PZ-32 (bg) PZ-14		0.009753	13	63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-18		-0.01313	-37	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-19		0.007961	14	68	No	18	0	n/a	n/a	0.01	NP
pH (SU)	PZ-1D (bg)		-0.01661	-30	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-23A		0.014	24	63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-2D (bg)		-0.2384	-28	-43	No	13	0	n/a	n/a	0.01	NP
pH (SU)	PZ-31 (bg)		-0.003316	-10	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	PZ-32 (bg)		0.004191	11	74	No	19	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-14		1.677	83	58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-15		0.4002	12	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-16		-2.677	-81	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-17		-5.533	-57	-58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-18		-1.22	-27	-58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-19		-1.705	-61	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-1D (bg)		0	6	58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-23A		4.222	84	58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-25		-2.516	-92	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-2D (bg)		-0.6424	-70	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)		-0.9633	-91	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-32 (bg)		-0.02024	-16	-58	No	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-33		-12.82	-108	-58	Yes	16	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D		-2.016	-59	-58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-15		4.115	21	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-17		-16.07	-64	-58	Yes	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-18		2.236	13	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-19		-10.13	-32	-58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-1D (bg)		2.035	21	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-23A		6.692	52	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-2D (bg)		1.433	4	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-31 (bg)		0	-1	-58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-32 (bg)		2.04	23	58	No	16	0	n/a	n/a	0.01	NP
TDS (mg/L)	PZ-7D		-12.16	-60	-58	Yes	16	0	n/a	n/a	0.01	NP

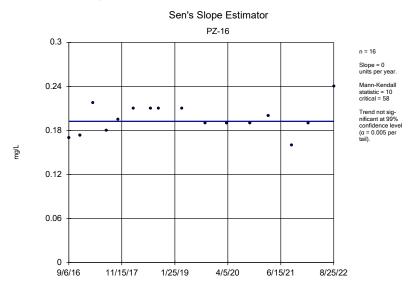


Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

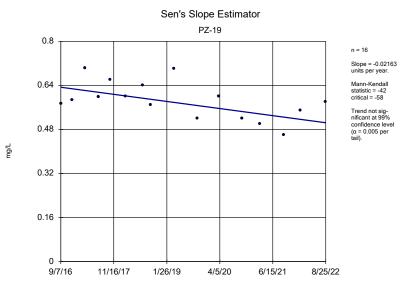




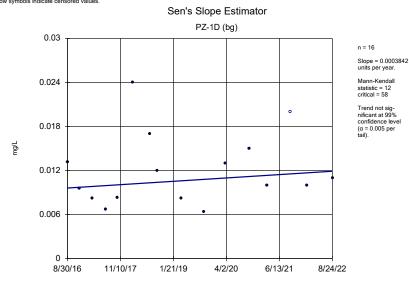
Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



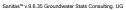
Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

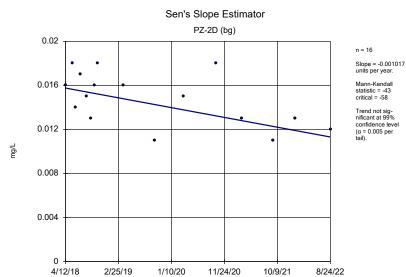


Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

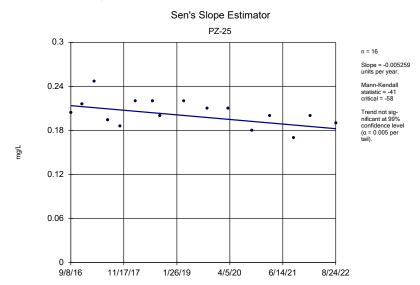


Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



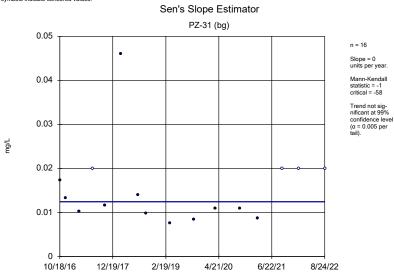


Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

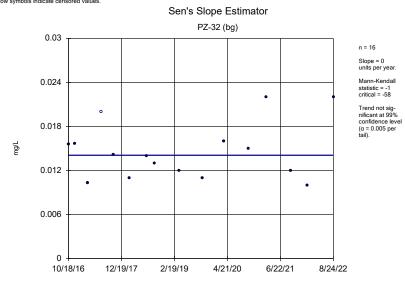


Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

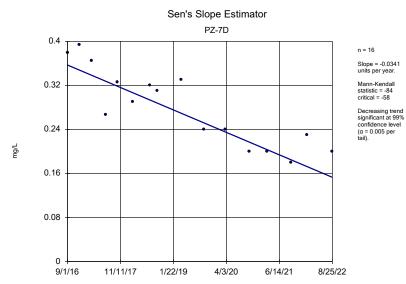
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



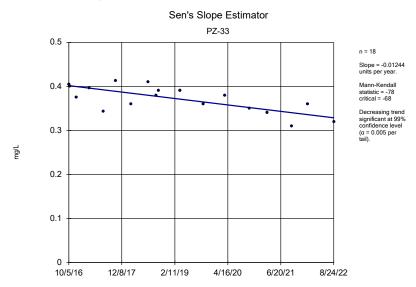
Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



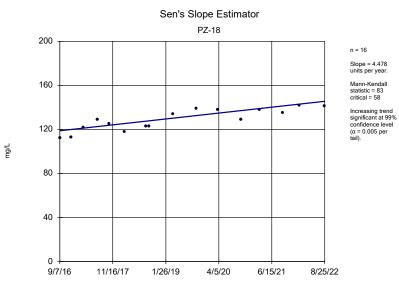
Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



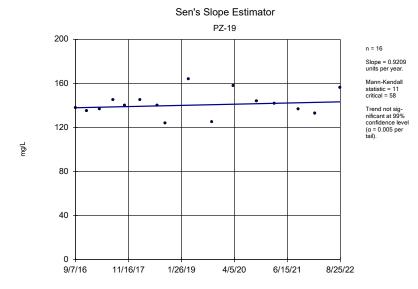
Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



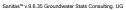
Constituent: Boron Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

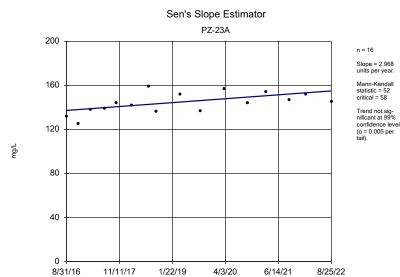


Constituent: Calcium Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



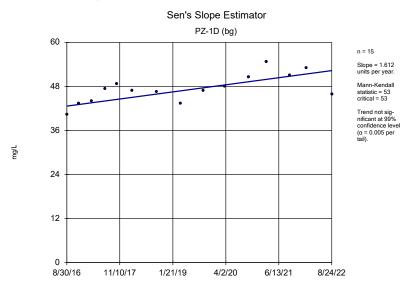
Constituent: Calcium Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR





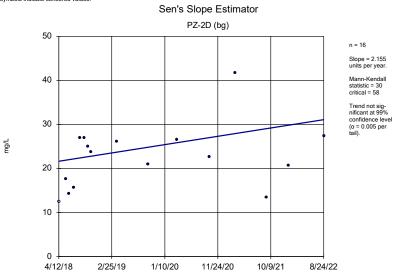
Constituent: Calcium Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

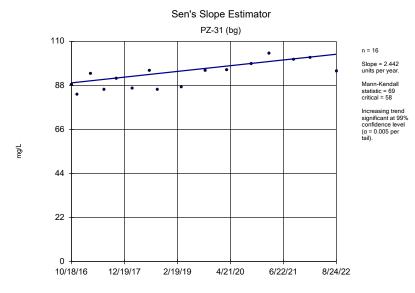


Constituent: Calcium Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

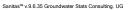
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

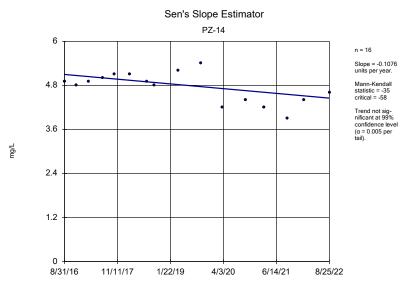


Constituent: Calcium Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

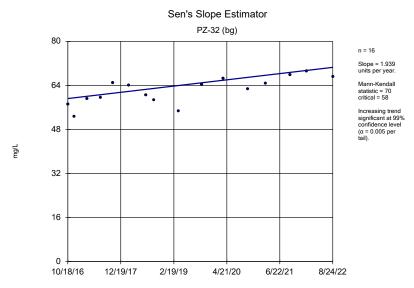


Constituent: Calcium Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

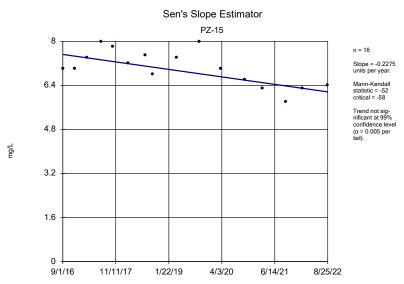




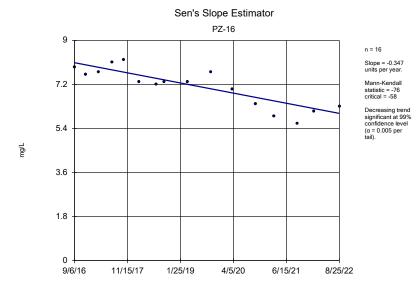
Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Calcium Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

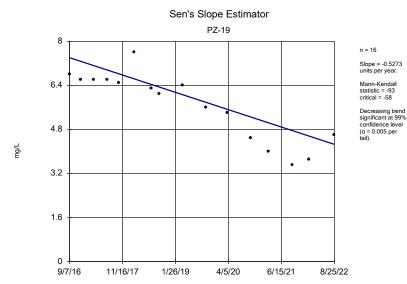


Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

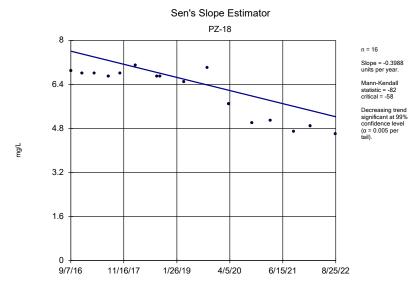


Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

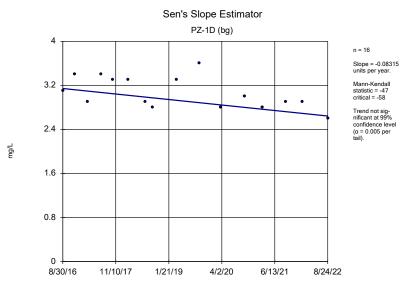




Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



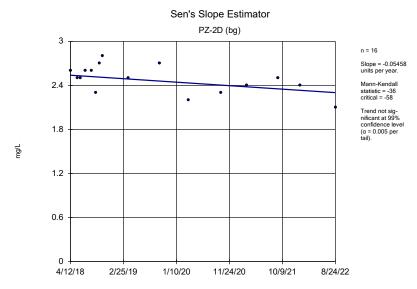
Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

10/18/16

12/19/17



Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sen's Slope Estimator

PZ-32 (bg) n = 16 Slope = -0.1674 units per year. Mann-Kendall statistic = -58 Trend not significant at 99% confidence level (c= 0.005 per tail). 1.6 0.8

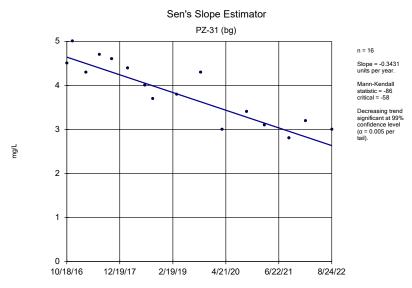
Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

4/21/20

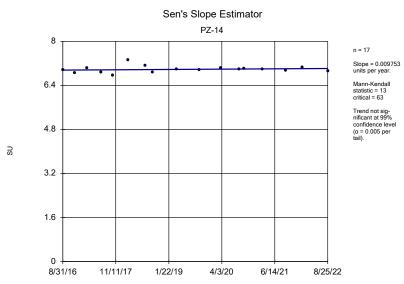
6/22/21

8/24/22

2/19/19



Constituent: Chloride Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

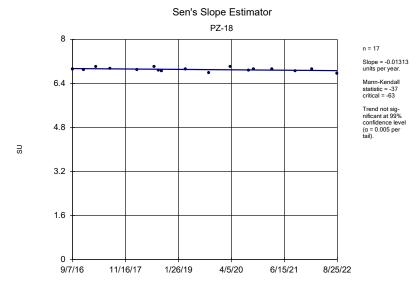


Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

1.4

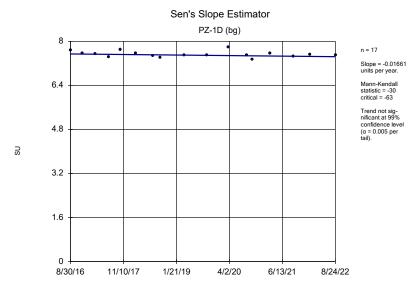
9/7/16

11/16/17

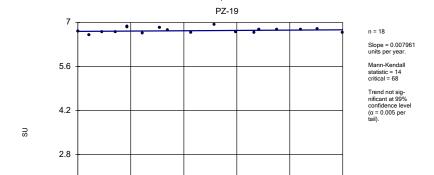


Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR





Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Sen's Slope Estimator

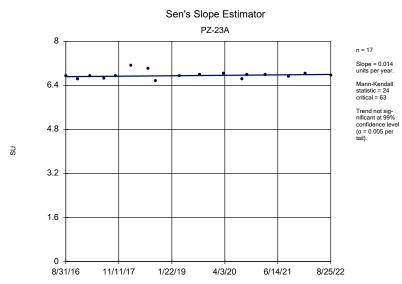
Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

4/5/20

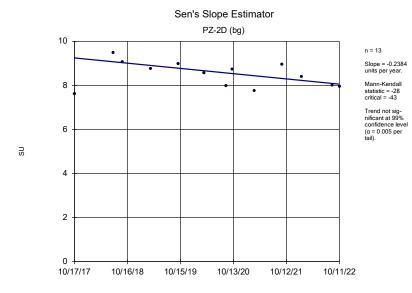
1/26/19

6/15/21

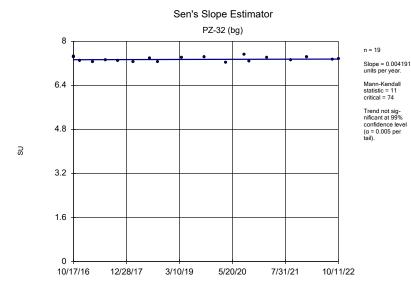
8/25/22



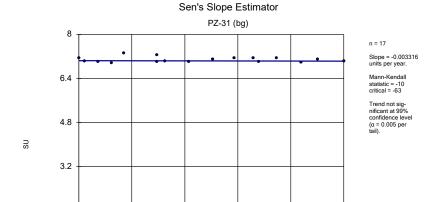
Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: pH Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

4/21/20

2/19/19

6/22/21

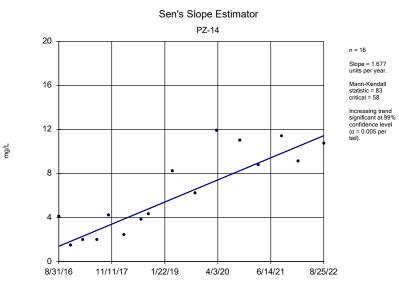
8/24/22

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

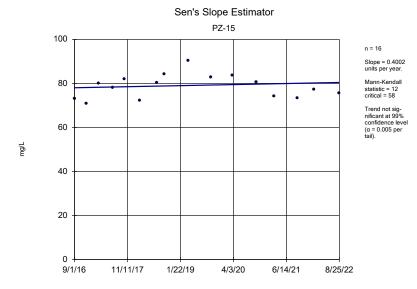
1.6

10/18/16

12/19/17

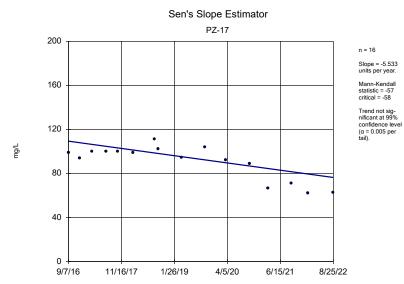


Constituent: Sulfate Analysis Run 11/21/2022 4:45 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

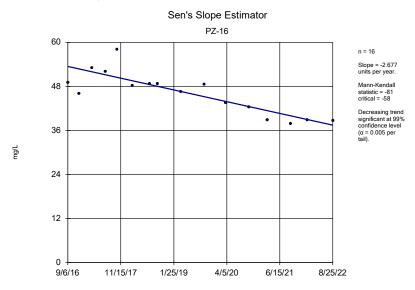


Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

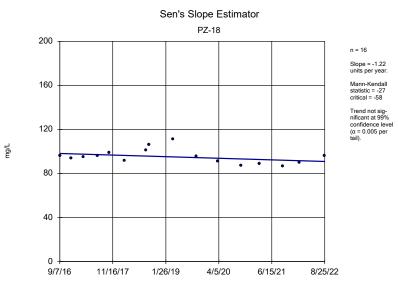




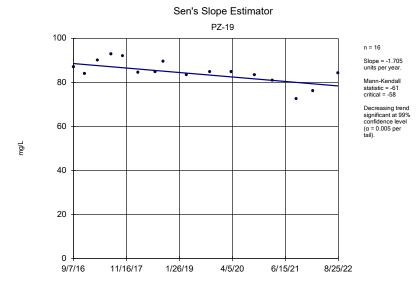
Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

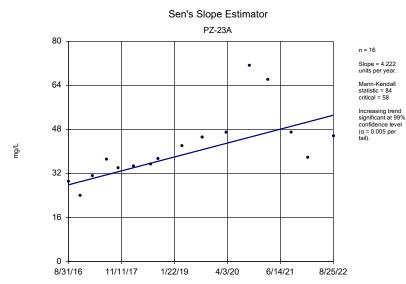


Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

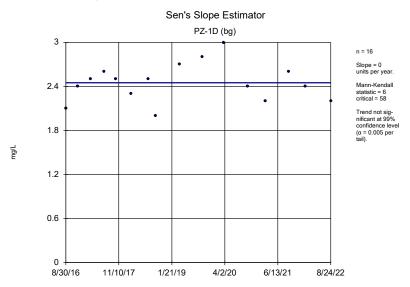


Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

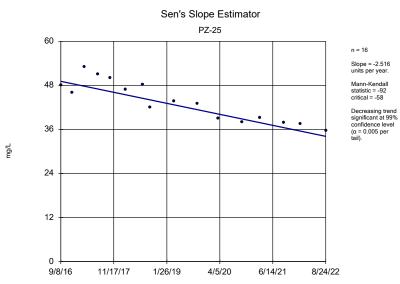




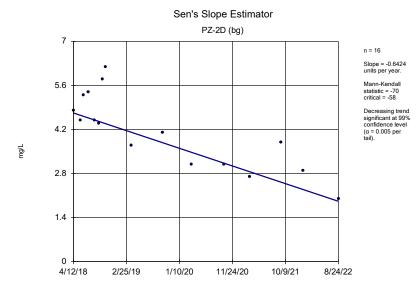
Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



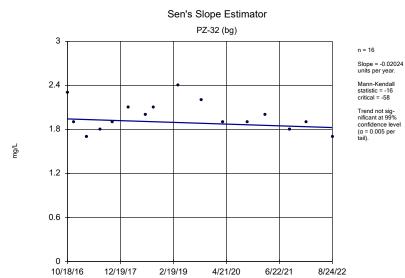
Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



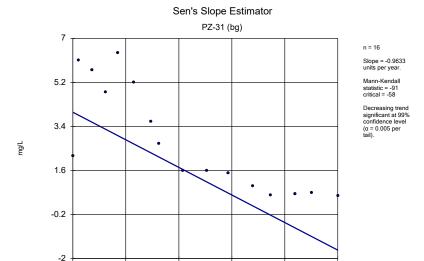
Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

4/21/20

2/19/19

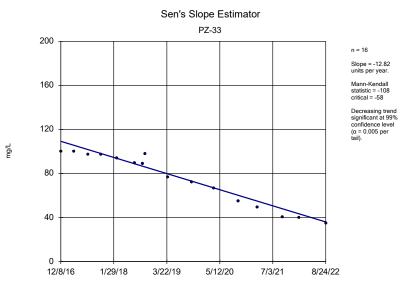
6/22/21

8/24/22

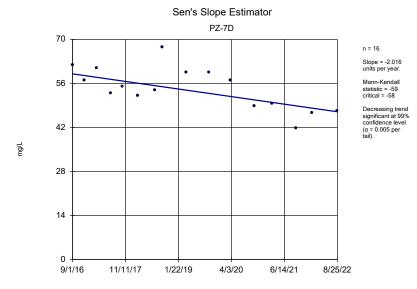
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

10/18/16

12/19/17

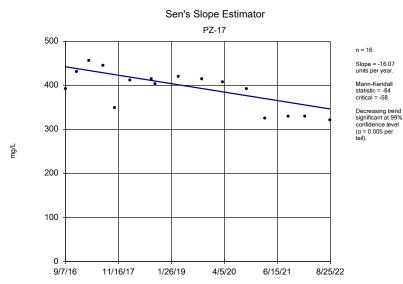


Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

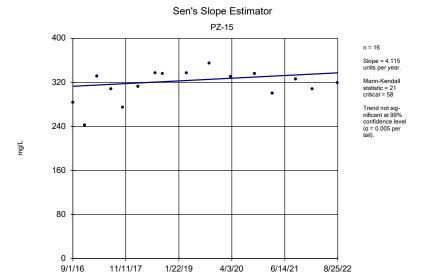


Constituent: Sulfate Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

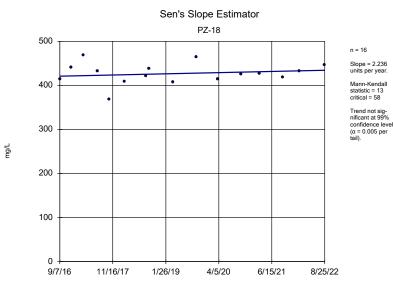




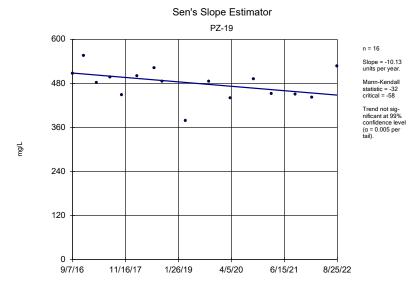
Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



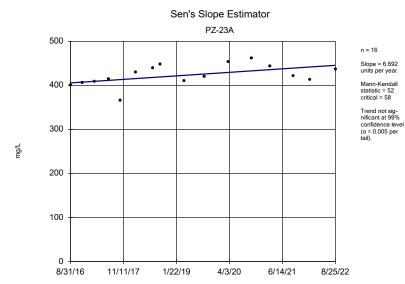
Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



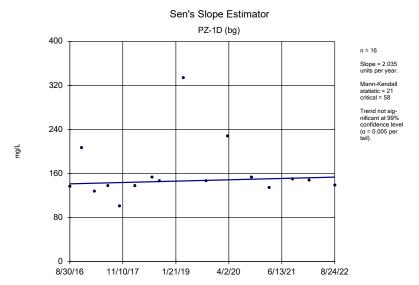
Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

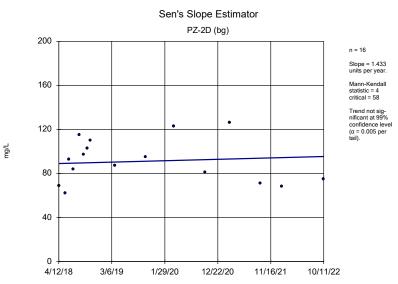




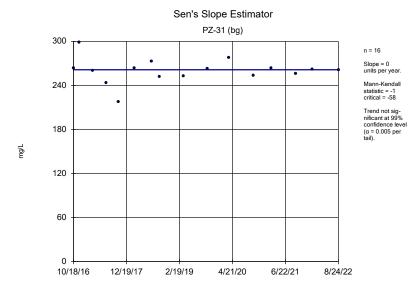
Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

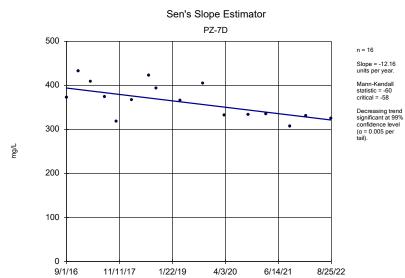


Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

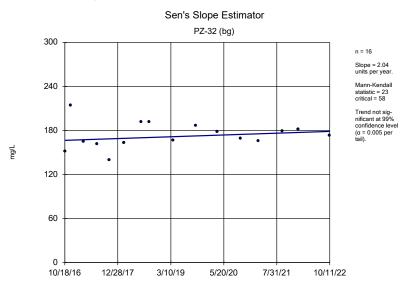


Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG



Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: TDS Analysis Run 11/21/2022 4:46 PM View: Appendix III - Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

FIGURE G.

Upper Tolerance Limit Summary Table

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 10:54 AM Well Constituent Upper Lim. Lower Lim. Date Observ. Sig.Bg N Bg Mean Std. Dev. <u>%NDs</u> <u>ND Adj.</u> Transform Alpha Method n/a 64 n/a n/a 54.69 n/a 0.03752 NP Inter(NDs) Antimony (mg/L) n/a 0.0035 n/a n/a n/a n/a n/a n/a 85.71 n/a 0.05656 NP Inter(NDs) Arsenic (mg/L) n/a 0.005 n/a n/a n/a n/a 56 n/a Barium (mg/L) n/a 0.04787 n/a n/a 64 -4.397 0.6775 1.563 None 0.05 Inter n/a n/a ln(x) Beryllium (mg/L) n/a 0.0005 n/a n/a 48 n/a 95.83 n/a n/a 0.08526 NP Inter(NDs) Cadmium (mg/L) 0.08526 NP Inter(NDs) n/a 0.0005 n/a n/a n/a n/a 48 n/a n/a 100 n/a n/a Chromium (mg/L) n/a 0.009976 n/a n/a n/a 64 0.05165 0.02407 25 Kaplan-Meier sqrt(x) 0.05 Inter Cobalt (mg/L) 0.03752 NP Inter(NDs) n/a 0.005 n/a n/a 64 n/a n/a 96.88 n/a n/a n/a n/a Combined Radium 226 + 228 (pCi/L) 1.662 n/a n/a 62 0.7165 0.2849 0 sqrt(x) 0.05 Fluoride (mg/L) n/a 0.29 n/a n/a 68 n/a 47.06 n/a 0.03056 NP Inter(normality) n/a n/a n/a n/a Lead (mg/L) n/a 64 79.69 n/a 0.03752 NP Inter(NDs) n/a 64 0.03752 NP Inter(NDs) Lithium (mg/L) n/a 0.03 n/a n/a 79.69 n/a n/a n/a n/a Mercury (mg/L) 0.0002 n/a n/a 56 89.29 n/a n/a 0.05656 NP Inter(NDs) 0.03752 NP Inter(NDs) Molybdenum (mg/L) 0.01 n/a 78.13 n/a n/a n/a n/a n/a 64 n/a n/a n/a Selenium (mg/L) n/a 64 100 n/a 0.03752 NP Inter(NDs) Thallium (mg/L) 0.001 90.63 n/a 0.03752 NP Inter(NDs) n/a n/a n/a n/a n/a 64 n/a n/a n/a

FIGURE H.

PLANT MITCHELL ASH POND GWPS								
		CCR-Rule						
Constituent Name	MCL	Specified	Background Limit	GWPS				
Antimony, Total (mg/L)	0.006		0.0035	0.006				
Arsenic, Total (mg/L)	0.01		0.005	0.01				
Barium, Total (mg/L)	2		0.048	2				
Beryllium, Total (mg/L)	0.004		0.0005	0.004				
Cadmium, Total (mg/L)	0.005		0.0005	0.005				
Chromium, Total (mg/L)	0.1		0.01	0.1				
Cobalt, Total (mg/L)	n/a	0.006	0.005	0.006				
Combined Radium, Total (pCi/L)	5		1.66	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	0.03	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		0.001	0.002				

^{*}MCL = Maximum Contaminant Level

^{*}CCR = Coal Combustion Residuals

^{*}GWPS = Groundwater Protection Standard

FIGURE I.

Confidence Intervals - All Results (No Significant)

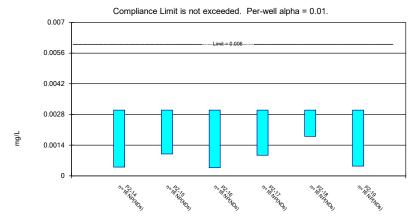
Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 11:01 AM Constituent Well Sig. <u>N</u> Std. Dev. %NDs ND Adj. Transform <u>Alpha</u> Method Upper Lim. Lower Lim Mean Antimony (mg/L) 0.003 0.0004 No 16 0.002838 0.00065 93.75 None No NP (NDs) NP (NDs) Antimony (mg/L) PZ-15 0.003 0.001 0.006 Nο 16 0.002726 0.0007512 87.5 None No 0.01 Antimony (mg/L) PZ-16 0.003 0.00037 0.006 No 0.002836 0.0006575 No NP (NDs) P7-17 0.003 0.00094 16 0.002569 0.0009303 NP (NDs) Antimony (mg/L) 0.006 Nο 81 25 None Nο 0.01 0.0018 0.002825 Antimony (mg/L) PZ-18 0.003 0.006 No 0.0004837 No NP (NDs) Antimony (mg/L) PZ-19 0.003 0.00044 0.006 16 0.00284 0.00064 93.75 0.01 NP (NDs) No None No Antimony (mg/L) PZ-23A 0.003 0.0017 0.006 No 16 0.002755 0.0007115 87.5 No 0.01 NP (NDs) None Antimony (mg/L) PZ-33 0.003 0.00082 0.006 16 0.002699 0.0008256 87.5 NP (NDs) No None No 0.01 Antimony (mg/L) PZ-7D 0.003 0.00042 0.006 No 16 0.002501 0.001073 81.25 None No 0.01 NP (NDs) Arsenic (mg/L) PZ-14 0.005 0.00083 0.01 No 0.004702 0.001114 92.86 No 0.01 NP (NDs) P7-15 0.005 0.0011 14 0 004114 0.001764 NP (NDs) Arsenic (mg/L) 0.01 Nο 78 57 None Nο 0.01 PZ-17 Arsenic (mg/L) 0.005 0.00072 0.01 No 14 0.00408 0.001828 No NP (NDs) PZ-19 Arsenic (mg/L) 0.005 0.0007 0.01 No 14 0.004693 0.001149 92.86 None Nο 0.01 NP (NDs) 0.01 Arsenic (mg/L) PZ-23A 0.005 0.00036 No 14 0.004669 0.00124 None No 0.01 NP (NDs) PZ-25 14 0.00386 0.001885 NP (NDs) 0.005 0.001 0.01 No 71.43 0.01 Arsenic (mg/L) None No Arsenic (mg/L) PZ-33 0.005 0.00094 0.01 No 14 0.004403 0.001519 NP (NDs) None No 0.01 PZ-14 0.03145 0.01661 2 16 0.02474 0.01324 Barium (mg/L) No 0 None sqrt(x) 0.01 Param None Barium (mg/L) P7-15 0.076 0.048 2 No 16 0.05913 0.01516 0 No 0.01 NP (normality) PZ-16 0.0467 0.034 2 0.04293 0.0132 0 NP (normality) Barium (mg/L) No None No 0.01 P7-17 0.07887 Barium (mg/L) 0.07041 2 Nο 16 0 07464 0.006501 n None Nο 0.01 Param. Barium (mg/L) PZ-18 0.029 0.023 2 No 16 0.0295 0.01319 None No NP (normality) PZ-19 0.05859 16 0.05543 Barium (mg/L) 0.05228 2 No 0.004848 0 None Nο 0.01 Param PZ-23A 0.05067 0.03709 2 0.04388 0.01044 Barium (mg/L) No 0 0.01 PZ-25 2 16 0.1051 0.006471 0 NP (normality) Barium (mg/L) 0.11 No None No 0.01 Barium (mg/L) PZ-33 0.07063 0.04977 2 No 15 0.0602 0.01539 0 None No 0.01 Param Barium (mg/L) PZ-7D 0.009796 0.006842 2 No 16 0.008319 0.00227 n None No 0.01 Param. Cadmium (mg/L) PZ-23A 0.0005 0.0002 0.005 No 12 0.00045 0.0001168 83.33 None No 0.01 NP (NDs) PZ-33 0.0005 0.0001155 Cadmium (mg/L) 0.0001 0.005 No 12 0.0004667 91.67 None No 0.01 NP (NDs) Chromium (mg/L) PZ-14 0.005 0.0011 0.1 No 16 0.003334 0.001954 56 25 None No 0.01 NP (NDs) Chromium (mg/L) PZ-16 0.005 0.00087 0.1 No 16 0.002769 0.002042 43.75 None No 0.01 NP (normality) PZ-18 Chromium (mg/L) 0.005 0.00056 0.1 No 16 0.004722 0.00111 93.75 None No 0.01 NP (NDs) NP (NDs) Chromium (ma/L) PZ-19 0.005 0.00073 0.1 No 0.004733 0.001067 Chromium (ma/L) PZ-23A 0.002196 0.001274 0.1 16 0.002537 0.001455 18.75 Kaplan-Meier 0.01 Param No In(x) Chromium (mg/L) PZ-33 0.005 0.0017 0.1 No 16 0.004794 0.000825 Kaplan-Meier 0.01 NP (NDs) PZ-7D 0.002159 0.0008284 Chromium (ma/L) 0.1 16 0.002762 0.001782 31.25 Kaplan-Meier Param No sart(x) 0.01 Cobalt (mg/L) PZ-14 0.005 0.002 0.006 No 16 0.004519 0.001351 87.5 None No 0.01 NP (NDs) Cobalt (mg/L) 0.005 0.0005 No 0.003625 0.002114 68.75 None No 0.01 NP (NDs) Cobalt (mg/L) PZ-16 0.005 0.0005 0.006 No 16 0.004719 0.001125 93.75 None No 0.01 NP (NDs) Cobalt (mg/L) PZ-17 0.005 0.0005 0.006 No 16 0.003351 0.002204 62.5 None No 0.01 NP (NDs) PZ-18 16 0.004756 Cobalt (mg/L) 0.005 0.0011 0.006 No 0.000975 93.75 None No 0.01 NP (NDs) Cobalt (mg/L) PZ-19 0.0012 0.006 No 0.004506 0.00135 No NP (NDs) 0.00058 0.003615 Cobalt (mg/L) PZ-23A 0.005 0.006 16 0.002124 0.01 NP (NDs) No 68.75 None Nο Cobalt (mg/L) PZ-25 0.0018 8000.0 0.006 No 16 0.001547 0.001003 NP (normality) 6.25 None No 0.01 PZ-33 0.005 0.0007 0.006 0.002015 NP (NDs) Cobalt (mg/L) No 16 0.003614 62.5 None No 0.01 Combined Radium 226 + 228 (pCi/L) PZ-14 0.9475 0.3298 5 No 16 0.687 0.5554 0 Param None 0.01 Combined Radium 226 + 228 (pCi/L) 1.066 0.6938 16 0.8973 0.3291 0 Param. 5 No x^(1/3) 0.01 None Combined Radium 226 + 228 (pCi/L) PZ-16 0.8728 0.4454 5 No 16 0.6591 0.3284 0 None No 0.01 Param Combined Radium 226 + 228 (pCi/L) 1.183 0.6143 5 No 15 0.8987 0.4198 0 No 0.01 Param Combined Radium 226 + 228 (pCi/L) P7-18 14 0 7987 0.5292 n 1 173 0.4239 5 Nο None Nο 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-19 1.34 0.7215 5 No 1.031 0.4756 0 Combined Radium 226 + 228 (pCi/L) PZ-23A 1.197 0.7349 5 No 16 0.9661 0.3554 0 None Nο 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-25 1.183 0.7453 5 No 16 0.9644 0.3368 0 None No 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-33 1.009 0.5396 5 16 0.7743 0.3608 0 No None No 0.01 Param Combined Radium 226 + 228 (pCi/L) PZ-7D 0.6104 0.2246 5 No 16 0.4462 0.3344 0 None 0.01 Param Fluoride (mg/L) PZ-14 0.11 0.056 4 No 17 0.08865 0.02518 58.82 No 0.01 NP (NDs) Fluoride (mg/L) PZ-15 0.1172 0.07172 17 0.1075 0.04446 Kaplan-Meier 0.01 Param

Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 11/21/2022, 11:01 AM

Constituent	<u>Well</u>	Upper Lim.	Lower Lim.	Compliance	Sia	N	<u>Mean</u>	Std. Dev.	%NDs	ND Adj.	Transform	Alnha	Method
Fluoride (mg/L)	PZ-16	0.1	0.053	4	No.		0.08359	0.0241		Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-17	0.1252	0.05759	4	No		0.118	0.06353	35.29	•	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-18	0.12	0.08	4	No		0.09947	0.03486	52.94	•	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-19	0.12	0.064	4	No		0.1087	0.07546	11.76	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-23A	0.13	0.057	4	No		0.09918	0.05772	41.18		No	0.01	NP (normality)
Fluoride (mg/L)	PZ-25A	0.2402	0.1492	4	No		0.1947	0.077264	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-33	0.15	0.092	4	No		0.1054	0.04146	58.82		No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-7D		0.052	4									
(0 ,		0.15			No		0.08835	0.03076		None	No No	0.01	NP (NDs)
Lead (mg/L)	PZ-15	0.001	0.00005	0.015	No		0.0009406	0.0002375 0.0002298		None	No No	0.01	NP (NDs)
Lead (mg/L)	PZ-16	0.001	0.000081	0.015	No		0.0009426			None	No No	0.01	NP (NDs)
Lead (mg/L)	PZ-18	0.001	0.00043	0.015	No		0.0009045	0.0002704	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-19	0.001	0.000042	0.015	No		0.0009401	0.0002395		None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-23A	0.001	0.00015	0.015	No		0.0008284	0.0003694		None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-33	0.001	0.00009	0.015	No		0.0008836	0.0003183	87.5	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-7D	0.001	0.000041	0.015	No		0.0009401	0.0002398	93.75		No	0.01	NP (NDs)
Lithium (mg/L)	PZ-14	0.03	0.003	0.04	No		0.02831	0.00675		None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-15	0.03	0.0012	0.04	No	16	0.01026	0.01375	31.25	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-17	0.003	0.002	0.04	No	16	0.005794	0.009456	12.5	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-18	0.0033	0.0024	0.04	No	16	0.006131	0.009322	12.5	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-19	0.01455	0.01057	0.04	No	16	0.01256	0.00306	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-23A	0.03	0.001	0.04	No	16	0.02094	0.01388	68.75	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-25	0.006908	0.005581	0.04	No	16	0.006188	0.001108	0	None	x^2	0.01	Param.
Lithium (mg/L)	PZ-7D	0.0038	0.0023	0.04	No	16	0.004594	0.006797	6.25	None	No	0.01	NP (normality)
Mercury (mg/L)	PZ-14	0.0002	0.00015	0.002	No	14	0.0001871	0.00003625	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-15	0.0002	0.000097	0.002	No	14	0.0001926	0.00002753	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-16	0.0002	0.000068	0.002	No	14	0.0001906	0.00003528	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-17	0.0002	0.000086	0.002	No	14	0.0001919	0.00003047	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-18	0.0002	0.000057	0.002	No	14	0.0001898	0.00003822	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-19	0.0002	0.0001	0.002	No	14	0.0001818	0.00004754	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-23A	0.0002	0.00017	0.002	No	14	0.00019	0.00002987	85.71	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-25	0.0002	0.000053	0.002	No	14	0.0001895	0.00003929	92.86	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-33	0.0002	0.00011	0.002	No	14	0.000171	0.00005965	78.57	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-7D	0.0002	0.00006	0.002	No	14	0.0001795	0.00005213	85.71	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-14	0.01	0.0005	0.1	No	16	0.009406	0.002375	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-15	0.01	0.0004	0.1	No	16	0.0094	0.0024	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-16	0.01	0.0004	0.1	No	16	0.0094	0.0024	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-17	0.01	0.0004	0.1	No	16	0.0094	0.0024	93.75	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-19	0.0025	0.002	0.1	No	16	0.002669	0.001969	6.25	None	No	0.01	NP (normality)
Molybdenum (mg/L)	PZ-23A	0.01	0.0011	0.1	No	16	0.008856	0.003127	87.5	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-25	0.01	0.001	0.1	No	16	0.009437	0.00225	93.75	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-14	0.005	0.0015	0.05	No	16	0.004544	0.001248	87.5	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-15	0.005	0.0018	0.05	No	16	0.0048	0.0008	93.75	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-19	0.005	0.0019	0.05	No	16	0.00385	0.001328	43.75	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-23A	0.005	0.0023	0.05	No	16	0.0035	0.00141	43.75	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-7D	0.005	0.0018	0.05	No	16	0.003987	0.001551	68.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-14	0.001	0.00006	0.002	No	16	0.0009413	0.000235	93.75	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-15	0.001	0.0002	0.002	No	16	0.0007006	0.0004001	62.5	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-16	0.001	0.00018	0.002	No		0.0006877	0.0004177	62.5	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-17	0.001	0.00022	0.002	No		0.0006444	0.0003726	50	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-18	0.001	0.000071	0.002	No		0.0008226	0.0003815	81.25		No	0.01	NP (NDs)
Thallium (mg/L)	PZ-19	0.0007268	0.0004869	0.002	No		0.0006069	0.0001843	6.25	None	No	0.01	Param.
Thallium (mg/L)	PZ-23A	0.0007200	0.0004665	0.002	No		0.000545	0.0004167	43.75	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-25A	0.001	0.00016	0.002	No		0.0006963	0.0003262	50	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-33	0.001	0.00035	0.002	No		0.0007269	0.0003202	68.75		No	0.01	NP (NDs)
Thallium (mg/L)	PZ-7D	0.001	0.00013	0.002	No		0.0007203	0.0004166		None	No	0.01	NP (NDs)
	. 2 10	3.001	3.0001	0.002	140	10	3.0001221	3.000-1200	00.10	. 10110	.10	0.01	.41 (1403)

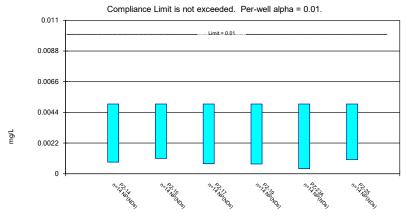
Non-Parametric Confidence Interval



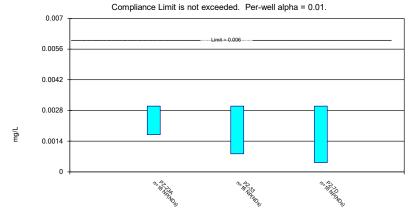
Constituent: Antimony Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval



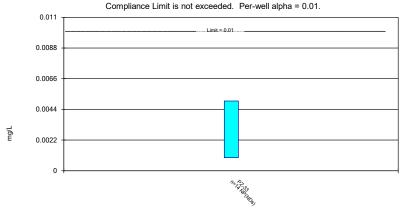
Non-Parametric Confidence Interval



Constituent: Antimony Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

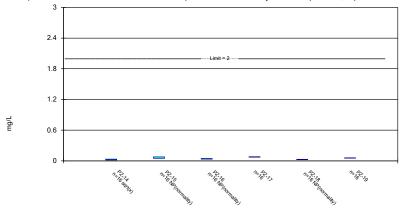
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval



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.

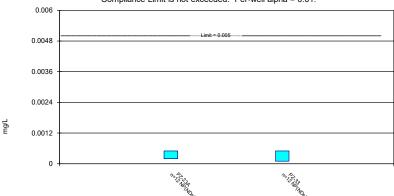


Constituent: Barium Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

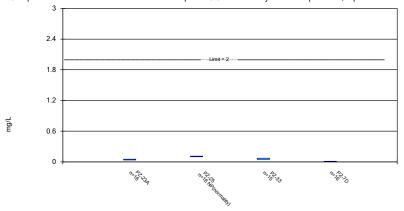
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



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.

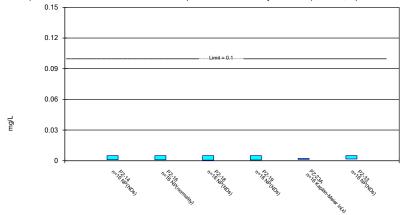


Constituent: Barium Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

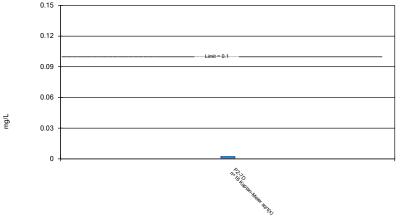
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Parametric Confidence Interval



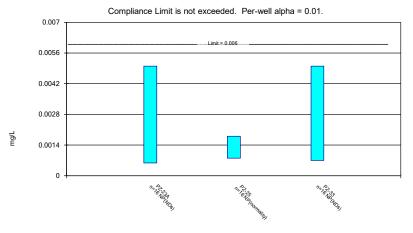


Constituent: Chromium Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

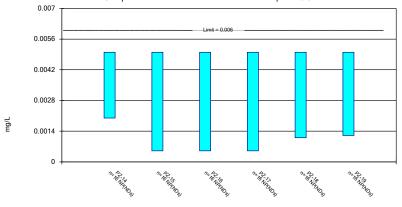
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval



Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

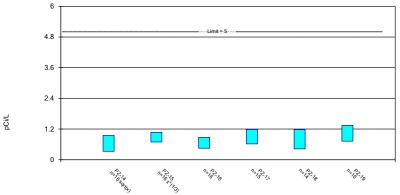


Constituent: Cobalt Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

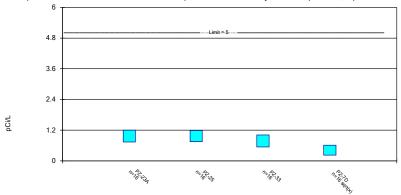
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

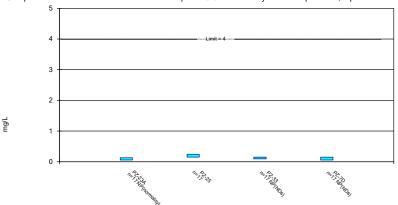


Constituent: Combined Radium 226 + 228 Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confid Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

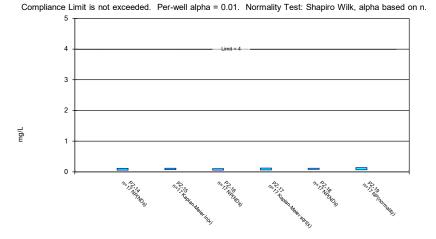
Parametric and Non-Parametric (NP) Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Lead Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Parametric and Non-Parametric (NP) Confidence Interval

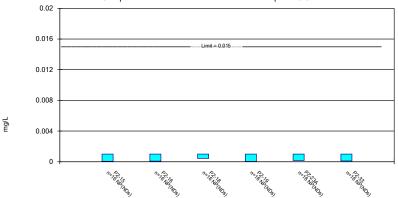


Constituent: Fluoride Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

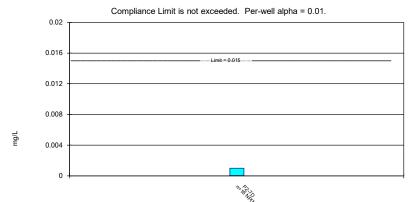
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



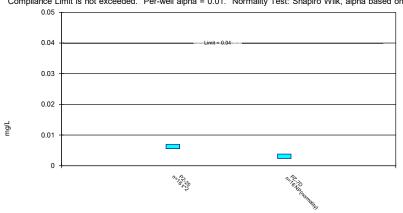
Non-Parametric Confidence Interval



Constituent: Lead Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

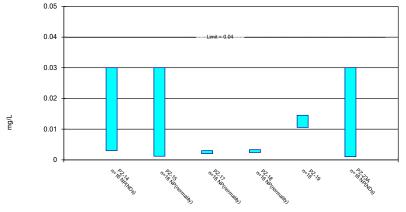
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

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.



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.



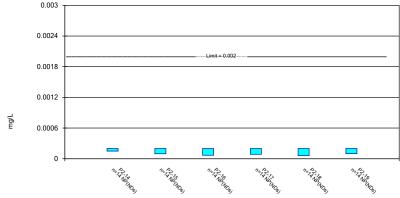
Constituent: Lithium Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

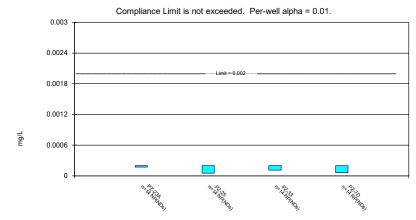
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Non-Parametric Confidence Interval

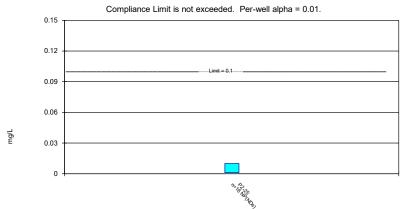


Constituent: Mercury Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval



Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

0.12

0.09

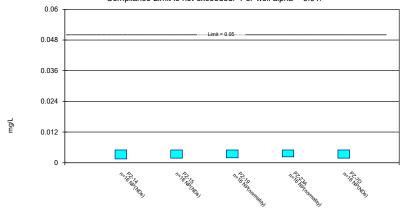
0.06

0.03

Constituent: Molybdenum Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

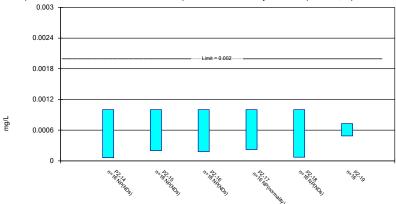
Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval Compliance Limit is not exceeded. Per-well alpha = 0.01.



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.

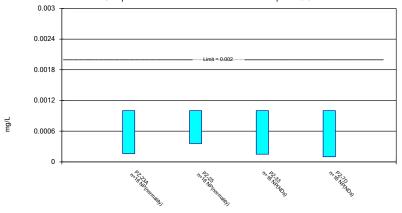


Constituent: Thallium Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.35 Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Thallium Analysis Run 11/21/2022 11:00 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Confidence Interval

 $Constituent: Antimony (mg/L) \quad Analysis Run \ 11/21/2022 \ 11:01 \ AM \quad View: Appendix \ IV - Confidence \ Intervals \ Analysis Run \ 11/21/2022 \ 11:01 \ AM \ Analysis \ Run \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Analysis \ Run \ IV - Confidence \ Intervals \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \ IV - Confidence \ Run \$

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

							-
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	
8/31/2016	<0.003						
9/1/2016		0.001 (J)					
9/6/2016			<0.003				
9/7/2016				<0.003	<0.003	<0.003	
12/7/2016	<0.003	< 0.003	<0.003				
12/8/2016				<0.003	<0.003	<0.003	
3/21/2017	0.0004 (J)						
3/22/2017		<0.003	<0.003	<0.003	<0.003		
3/23/2017						<0.003	
7/11/2017	<0.003		<0.003				
7/12/2017		<0.003		<0.003	<0.003	<0.003	
10/18/2017	<0.003	<0.003	<0.003	<0.003	<0.003		
10/19/2017						<0.003	
2/20/2018	<0.003						
2/21/2018		<0.003	<0.003	<0.003	<0.003	<0.003	
7/11/2018	<0.003						
7/12/2018		<0.003	<0.003			<0.003	
8/15/2018					<0.003		
8/16/2018				<0.003			
9/12/2018	<0.003						
9/13/2018		<0.003	<0.003		<0.003		
9/14/2018				<0.003		<0.003	
10/2/2019	<0.003	<0.003	<0.003	<0.003			
10/3/2019					<0.003	0.00044 (X)	
3/25/2020	<0.003			0.00094 (J)			
3/26/2020		<0.003	<0.003		0.0018 (J)	<0.003	
8/26/2020	<0.003	0.00062 (J)	0.00037 (J)	0.00061 (J)		<0.003	
8/27/2020					<0.003		
10/6/2020	<0.003		<0.003				
10/7/2020		<0.003		<0.003	0.0014 (J)	<0.003	
3/3/2021	<0.003					<0.003	
3/4/2021		<0.003	<0.003	0.00055 (J)	<0.003		
9/15/2021	<0.003	<0.003	<0.003				
9/16/2021				<0.003	<0.003	<0.003	
1/26/2022	<0.003	<0.003	<0.003				
1/27/2022				<0.003	<0.003	<0.003	
8/25/2022	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003	
Mean	0.002838	0.002726	0.002836	0.002569	0.002825	0.00284	
Std. Dev.	0.00065	0.0007512	0.0006575	0.0009303	0.0004837	0.00064	
Upper Lim.	0.003	0.003	0.003	0.003	0.003	0.003	
Lower Lim.	0.0004	0.001	0.00037	0.00094	0.0018	0.00044	

Confidence Interval

Constituent: Antimony (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			i idiit ivii
	PZ-23A	PZ-33	PZ-7D
8/31/2016	<0.003		
9/1/2016			<0.003
12/7/2016	<0.003		<0.003
12/8/2016		<0.003	
3/21/2017	<0.003		
3/22/2017			<0.003
3/23/2017		<0.003	
7/11/2017	<0.003		
7/12/2017		<0.003	<0.003
10/18/2017	<0.003		
10/19/2017		<0.003	<0.003
2/20/2018	<0.003		
2/21/2018		<0.003	<0.003
7/11/2018	<0.003		
7/12/2018		<0.003	<0.003
9/13/2018	<0.003		<0.003
9/14/2018		<0.003	
10/4/2018		<0.003	
9/10/2019	<0.003		
10/3/2019		<0.003	0.00029 (X)
3/25/2020	<0.003		
3/26/2020		<0.003	0.00042 (J)
8/26/2020	0.00038 (J)	<0.003	0.00031 (J)
10/6/2020	<0.003		
10/7/2020		0.00037 (J)	<0.003
3/3/2021	0.0017 (J)		
3/4/2021		<0.003	<0.003
9/15/2021	<0.003		
9/16/2021		<0.003	<0.003
1/26/2022	<0.003		
1/27/2022		<0.003	<0.003
8/24/2022		0.00082 (J)	
8/25/2022	<0.003		<0.003
Mean	0.002755	0.002699	0.002501
Std. Dev.	0.0007115	0.0008256	0.001073
Upper Lim.	0.003	0.003	0.003
Lower Lim.	0.0017	0.00082	0.00042

Constituent: Arsenic (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-17	PZ-19	PZ-23A	PZ-25
8/31/2016	<0.005				<0.005	
9/1/2016		<0.005				
9/7/2016			<0.005	<0.005		
9/8/2016						0.0017 (J)
12/7/2016	<0.005	<0.005			<0.005	
12/8/2016			<0.005	<0.005		<0.005
3/21/2017	<0.005				<0.005	
3/22/2017		0.0011 (J)	0.0007 (J)			0.001 (J)
3/23/2017				0.0007 (J)		
7/11/2017	<0.005				<0.005	<0.005
7/12/2017		0.0006 (J)	<0.005	<0.005		
10/18/2017	<0.005	<0.005	<0.005		<0.005	<0.005
10/19/2017				<0.005		
2/20/2018	<0.005				<0.005	
2/21/2018		0.00089 (J)	0.00072 (J)	<0.005		0.00071 (J)
7/11/2018	<0.005				<0.005	
7/12/2018		<0.005		<0.005		<0.005
8/16/2018			0.0007 (J)			
9/12/2018	<0.005					
9/13/2018		<0.005			<0.005	<0.005
9/14/2018			<0.005	<0.005		
9/10/2019					0.00036 (X)	
10/2/2019	0.00083 (X)	<0.005	<0.005			0.00063 (X)
10/3/2019				<0.005		
3/25/2020	<0.005		<0.005		<0.005	<0.005
3/26/2020		<0.005		<0.005		
8/26/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/15/2021	<0.005	<0.005			<0.005	<0.005
9/16/2021			<0.005	<0.005		
1/26/2022	<0.005	<0.005			<0.005	<0.005
1/27/2022			<0.005	<0.005		
8/24/2022						<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	
Mean	0.004702	0.004114	0.00408	0.004693	0.004669	0.00386
Std. Dev.	0.001114	0.001764	0.001828	0.001149	0.00124	0.001885
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00083	0.0011	0.00072	0.0007	0.00036	0.001

Constituent: Arsenic (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-33
12/8/2016	<0.005
3/23/2017	0.0007 (J)
7/12/2017	<0.005
10/19/2017	<0.005
2/21/2018	0.00094 (J)
7/12/2018	<0.005
9/14/2018	<0.005
10/4/2018	<0.005
10/3/2019	<0.005
3/26/2020	<0.005
8/26/2020	<0.005
9/16/2021	<0.005
1/27/2022	<0.005
8/24/2022	<0.005
Mean	0.004403
Std. Dev.	0.001519
Upper Lim.	0.005
Lower Lim.	0.00094

Constituent: Barium (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	0.0253					
9/1/2016		0.103				
9/6/2016			0.0794			
9/7/2016				0.0823	0.0717	0.067
12/7/2016	0.065	0.0781	0.0689			
12/8/2016				0.0668	0.0513	0.0522
3/21/2017	0.0379					
3/22/2017		0.0589	0.0423	0.0821	0.0273	
3/23/2017						0.0591
7/11/2017	0.036		0.0467			
7/12/2017		0.0613		0.0805	0.0269	0.0604
10/18/2017	0.0247	0.0617	0.0446	0.0776	0.0258	
10/19/2017						0.0542
2/20/2018	0.03					
2/21/2018		0.076	0.046	0.073	0.029	0.058
7/11/2018	0.027					
7/12/2018		0.056	0.043			0.057
8/15/2018					0.027	
8/16/2018				0.081		
9/12/2018	0.022					
9/13/2018		0.048	0.038		0.023	
9/14/2018				0.081		0.058
10/2/2019	0.017	0.049	0.038	0.074		
10/3/2019					0.025	0.057
3/25/2020	0.021			0.077		
3/26/2020		0.048	0.034		0.023	0.052
8/26/2020	0.016	0.053	0.036	0.077		0.049
8/27/2020					0.023	
10/6/2020	0.016		0.034			
10/7/2020		0.049		0.074	0.023	0.054
3/3/2021	0.017					0.055
3/4/2021		0.047	0.035	0.071	0.023	
9/15/2021	0.014	0.045	0.032			
9/16/2021				0.064	0.022	0.053
1/26/2022	0.016	0.055	0.034			
1/27/2022				0.072	0.025	0.055
8/25/2022	0.011	0.057	0.035	0.061	0.026	0.046
Mean	0.02474	0.05913	0.04293	0.07464	0.0295	0.05543
Std. Dev.	0.01324	0.01516	0.0132	0.006501	0.01319	0.004848
Upper Lim.	0.03145	0.076	0.0467	0.07887	0.029	0.05859
Lower Lim.	0.01661	0.048	0.034	0.07041	0.023	0.05228

Constituent: Barium (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	0.0407			
9/1/2016				0.0117
9/8/2016		0.102		
12/7/2016	0.0581			0.0133
12/8/2016		0.102	0.162 (o)	
3/21/2017	0.0678			
3/22/2017		0.0951		0.0114
3/23/2017			0.0753	
7/11/2017	0.0574	0.102		
7/12/2017			0.0756	0.0097 (J)
10/18/2017	0.0351	0.0997		
10/19/2017			0.0681	0.0091 (J)
2/20/2018	0.05			
2/21/2018		0.11	0.085	0.0086 (J)
7/11/2018	0.051			
7/12/2018		0.1	0.076	0.0093 (J)
9/13/2018	0.038	0.1		0.0078 (J)
9/14/2018			0.071	
10/4/2018			0.072	
9/10/2019	0.029			
10/2/2019		0.11		
10/3/2019			0.057	0.007 (X)
3/25/2020	0.048	0.11		
3/26/2020			0.057	0.0072 (J)
8/26/2020	0.039	0.1	0.051	0.007 (J)
10/6/2020	0.037			
10/7/2020		0.11	0.048	0.0061 (J)
3/3/2021	0.039	0.12		
3/4/2021			0.047	0.0061
9/15/2021	0.037	0.11		
9/16/2021			0.039	0.0062
1/26/2022	0.039	0.11		
1/27/2022			0.043	0.0068
8/24/2022		0.1	0.038	
8/25/2022	0.036			0.0058
Mean	0.04388	0.1051	0.0602	0.008319
Std. Dev.	0.01044	0.006471	0.01539	0.00227
Upper Lim.	0.05067	0.11	0.07063	0.009796
Lower Lim.	0.03709	0.1	0.04977	0.006842

 $Constituent: Cadmium \, (mg/L) \quad Analysis \, Run \, 11/21/2022 \, 11:01 \, AM \quad View: \, Appendix \, IV - Confidence \, Intervals \, IV - Confidence \, Intervals \, IV - Confidence \, Intervals \, IV - Confidence \, Intervals \, IV - Confidence \, INTERVAL \, IV - Confidence \, IV - Confiden$

	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
8/26/2020	<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	
Mean	0.00045	0.0004667
Std. Dev.	0.0001168	0.0001155
Upper Lim.	0.0005	0.0005
Lower Lim.	0.0002	0.0001

 $Constituent: Chromium \, (mg/L) \quad Analysis \, Run \,\, 11/21/2022 \,\, 11:01 \,\, AM \quad View: Appendix \,\, IV - Confidence \,\, Intervals \,\, IV - Confidence$

			Flatit WillCrie	ii Ciletti. Soutiletti	Company Data. I	WILCHEII ASH FORU CCK
	PZ-14	PZ-16	PZ-18	PZ-19	PZ-23A	PZ-33
8/31/2016	<0.005				<0.005	
9/6/2016		<0.005				
9/7/2016			<0.005	<0.005		
12/7/2016	<0.005	<0.005			<0.005	
12/8/2016			<0.005	<0.005		<0.005
3/21/2017	<0.005				0.0009 (J)	
3/22/2017		0.0008 (J)	<0.005			
3/23/2017				<0.005		0.0017 (J)
7/11/2017	<0.005	<0.005			0.0016 (J)	
7/12/2017			<0.005	<0.005		<0.005
10/18/2017	<0.005	<0.005	<0.005		0.0019 (J)	
10/19/2017				<0.005		<0.005
2/20/2018	<0.005				<0.005	
2/21/2018		<0.005	<0.005	<0.005		<0.005
7/11/2018	<0.005				0.0021 (J)	
7/12/2018		<0.005		<0.005		<0.005
8/15/2018			<0.005			
9/12/2018	<0.005					
9/13/2018		<0.005	<0.005		0.0022 (J)	
9/14/2018				<0.005		<0.005
10/4/2018						<0.005
9/10/2019					0.0044 (X)	
10/2/2019	<0.005	0.00044 (X)				
10/3/2019			<0.005	<0.005		<0.005
3/25/2020	0.0013 (J)				0.0012 (J)	
3/26/2020		0.0013 (J)	0.00056 (J)	0.00073 (J)		<0.005
8/26/2020	0.0011 (J)	0.00087 (J)		<0.005	0.0014 (J)	<0.005
8/27/2020			<0.005			
10/6/2020	0.00098 (J)	0.0011 (J)			0.0015 (J)	
10/7/2020			<0.005	<0.005		<0.005
3/3/2021	0.00097 (J)			<0.005	0.0015 (J)	
3/4/2021		0.0012 (J)	<0.005			<0.005
9/15/2021	0.0014 (J)	0.0011 (J)			0.0019 (J)	
9/16/2021			<0.005	<0.005		<0.005
1/26/2022	0.0012 (J)	0.0013 (J)			0.0028 (J)	
1/27/2022			<0.005	<0.005		<0.005
8/24/2022						<0.005
8/25/2022	0.0014 (J)	0.0012 (J)	<0.005	<0.005	0.0022 (J)	
Mean	0.003334	0.002769	0.004722	0.004733	0.002537	0.004794
Std. Dev.	0.001954	0.002042	0.00111	0.001067	0.001455	0.000825
Upper Lim.	0.005	0.005	0.005	0.005	0.002196	0.005
Lower Lim.	0.0011	0.00087	0.00056	0.00073	0.001274	0.0017

Constituent: Chromium (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

	PZ-7D
9/1/2016	<0.005
12/7/2016	0.003 (J)
3/22/2017	0.0005 (J)
7/12/2017	<0.005
10/19/2017	0.0005 (J)
2/21/2018	<0.005
7/12/2018	<0.005
9/13/2018	<0.005
10/3/2019	0.0004 (X)
3/26/2020	0.0016 (J)
8/26/2020	0.0011 (J)
10/7/2020	0.0014 (J)
3/4/2021	0.0024 (J)
9/16/2021	0.0025 (J)
1/27/2022	0.0034 (J)
8/25/2022	0.0024 (J)
Mean	0.002762
Std. Dev.	0.001782
Upper Lim.	0.002159
Lower Lim.	0.0008284

Constituent: Cobalt (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	<0.005					
9/1/2016		0.0012 (J)				
9/6/2016			0.0005 (J)			
9/7/2016				0.0011 (J)	0.0011 (J)	0.0012 (J)
12/7/2016	0.002 (J)	0.0005 (J)	<0.005			
12/8/2016				0.0006 (J)	<0.005	0.0009 (J)
3/21/2017	<0.005					
3/22/2017		0.0005 (J)	<0.005	0.0006 (J)	<0.005	
3/23/2017						<0.005
7/11/2017	0.0003 (J)		<0.005			
7/12/2017		0.0004 (J)		0.0005 (J)	<0.005	<0.005
10/18/2017	<0.005	0.0004 (J)	<0.005	0.0005 (J)	<0.005	
10/19/2017						<0.005
2/20/2018	<0.005					
2/21/2018		<0.005	<0.005	<0.005	<0.005	<0.005
7/11/2018	<0.005					
7/12/2018		<0.005	<0.005			<0.005
8/15/2018					<0.005	
8/16/2018				<0.005		
9/12/2018	<0.005					
9/13/2018		<0.005	<0.005		<0.005	
9/14/2018				<0.005		<0.005
10/2/2019	<0.005	<0.005	<0.005	<0.005		
10/3/2019					<0.005	<0.005
3/25/2020	<0.005			0.00032 (J)		
3/26/2020		<0.005	<0.005		<0.005	<0.005
8/26/2020	<0.005	<0.005	<0.005	<0.005		<0.005
8/27/2020					<0.005	
10/6/2020	<0.005		<0.005			
10/7/2020		<0.005		<0.005	<0.005	<0.005
3/3/2021	<0.005					<0.005
3/4/2021		<0.005	<0.005	<0.005	<0.005	
9/15/2021	<0.005	<0.005	<0.005			
9/16/2021				<0.005	<0.005	<0.005
1/26/2022	<0.005	<0.005	<0.005			
1/27/2022				<0.005	<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mean	0.004519	0.003625	0.004719	0.003351	0.004756	0.004506
Std. Dev.	0.001351	0.002114	0.001125	0.002204	0.000975	0.00135
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.002	0.0005	0.0005	0.0005	0.0011	0.0012

Constituent: Cobalt (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33
8/31/2016	<0.005		
9/8/2016		0.0008 (J)	
12/7/2016	0.0008 (J)		
12/8/2016		<0.005	0.0041 (J)
3/21/2017	<0.005		
3/22/2017		0.001 (J)	
3/23/2017			0.0008 (J)
7/11/2017	<0.005	0.001 (J)	
7/12/2017			0.0007 (J)
10/18/2017	<0.005	0.0011 (J)	
10/19/2017			0.0005 (J)
2/20/2018	<0.005		
2/21/2018		0.00075 (J)	0.0012 (J)
7/11/2018	<0.005		
7/12/2018		0.0008 (J)	0.00053 (J)
9/13/2018	<0.005	0.001 (J)	
9/14/2018			<0.005
10/4/2018			<0.005
9/10/2019	<0.005		
10/2/2019		0.0017 (X)	
10/3/2019			<0.005
3/25/2020	0.0003 (J)	0.0018 (J)	
3/26/2020			<0.005
8/26/2020	0.00058 (J)	0.0016 (J)	<0.005
10/6/2020	0.00067 (J)		
10/7/2020		0.0014 (J)	<0.005
3/3/2021	0.00049 (J)	0.0016 (J)	
3/4/2021			<0.005
9/15/2021	<0.005	0.002 (J)	
9/16/2021			<0.005
1/26/2022	<0.005	0.0016 (J)	
1/27/2022			<0.005
8/24/2022		0.0016 (J)	<0.005
8/25/2022	<0.005		
Mean	0.003615	0.001547	0.003614
Std. Dev.	0.002124	0.001003	0.002015
Upper Lim.	0.005	0.0018	0.005
Lower Lim.	0.00058	0.0008	0.0007

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			r lant wittene	SII CIICITE OOUUTEIT	Toompany Data.	WINCHER ASITT ON COOK
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	1.77					
9/1/2016		1.19				
9/6/2016			1.12			
9/7/2016				1.06 (U)	1.51	1.22
12/7/2016	0.672 (U)	1.88	1.37			
12/8/2016				1.3	1.29	1.69
3/21/2017	0.33 (U)					
3/22/2017		0.617 (U)	0.435 (U)	0.566 (U)	0.799 (U)	
3/23/2017						1.07
7/11/2017	0.701 (U)		0.76 (U)			
7/12/2017		0.674 (U)		0.856 (U)	0.4 (U)	0.849 (U)
10/18/2017	0.808 (U)	0.844 (U)	0.847 (U)	0.957	0.613 (U)	
10/19/2017						0.398 (U)
2/20/2018	2.12					
2/21/2018		0.842 (U)	0.373 (U)	1.4	0.736 (U)	1.03 (U)
7/11/2018	0.232 (U)					
7/12/2018		0.552 (U)	0.408 (U)			1.28 (U)
9/12/2018	0.532 (U)					
9/13/2018		0.662 (U)	0.472 (U)		0.708 (U)	
9/14/2018				1.16		0.74 (U)
10/2/2019	0.915 (U)	1 (U)	0.65 (U)	1.34 (U)		
10/3/2019					2.07	1.9
3/25/2020	0.694 (U)			0.385 (U)		
3/26/2020		0.863 (U)	0.522 (U)		1.05	1.66
8/26/2020	0.115 (U)	0.681 (U)	0.499 (U)	1.62		0.703 (U)
10/6/2020	0.265 (U)		1.12 (U)			
10/7/2020		1.22 (U)		0.432 (U)	0.365 (U)	0.893
3/3/2021	0.328 (U)					0.469 (U)
3/4/2021		0.674 (U)	0.404 (U)	0.734 (U)	0.498 (U)	
9/15/2021	0.872 (U)	0.729 (U)	0.721 (U)			
9/16/2021				0.377 (U)	0.681 (U)	1.4
1/26/2022	0.185 (U)	0.879 (U)	0.117 (U)			
1/27/2022				0.314 (U)	0.418 (U)	0.255 (U)
8/25/2022	0.453 (U)	1.05	0.728 (U)	0.98 (U)	0.0434 (U)	0.937
Mean	0.687	0.8973	0.6591	0.8987	0.7987	1.031
Std. Dev.	0.5554	0.3291	0.3284	0.4198	0.5292	0.4756
Upper Lim.	0.9475	1.066	0.8728	1.183	1.173	1.34
Lower Lim.	0.3298	0.6938	0.4454	0.6143	0.4239	0.7215

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	1.85			
9/1/2016				0.88 (U)
9/8/2016		1.41		
12/7/2016	0.844 (U)			0.179 (U)
12/8/2016		1.39	0.968 (U)	
3/21/2017	0.832 (U)			
3/22/2017		0.852 (U)		0.279 (U)
3/23/2017			0.444 (U)	
7/11/2017	0.824 (U)	1.04		
7/12/2017			0.814 (U)	0.125 (U)
10/18/2017	1.19	0.678 (U)		
10/19/2017			0.748 (U)	0.329 (U)
2/20/2018	0.975 (U)			
2/21/2018		0.863 (U)	1.05 (U)	0.504 (U)
7/11/2018	1.29			
7/12/2018		1.42	0.751 (U)	0.188 (U)
9/13/2018	0.765 (U)	0.766 (U)		0.0542 (U)
9/14/2018			1.01 (U)	
10/4/2018			1.05	
9/10/2019	0.575 (U)			
10/2/2019		1.48		
10/3/2019			1.62 (U)	1.37
3/25/2020	1.39	0.91 (U)		
3/26/2020			0.473 (U)	0.43 (U)
8/26/2020	0.774 (U)	0.95 (U)	0.782 (U)	0.572 (U)
10/6/2020	1.24 (U)			
10/7/2020		1.01 (U)	0.442 (U)	0.232 (U)
3/3/2021	1.01 (U)	0.545 (U)		
3/4/2021			1.03 (U)	0.529 (U)
9/15/2021	0.742 (U)	1.07 (U)		
9/16/2021			0.184 (U)	0.382 (U)
1/26/2022	0.76 (U)	0.282 (U)		
1/27/2022			0.259 (U)	0.315 (U)
8/24/2022		0.764 (U)	0.764 (U)	
8/25/2022	0.396 (U)			0.771 (U)
Mean	0.9661	0.9644	0.7743	0.4462
Std. Dev.	0.3554	0.3368	0.3608	0.3344
Upper Lim.	1.197	1.183	1.009	0.6104
Lower Lim.	0.7349	0.7453	0.5396	0.2246

Constituent: Fluoride (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			. id.it iiiitoite	Onorth Codenor	. company bata.	Michigan Form Control
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	0.13 (J)					
9/1/2016		0.06 (J)				
9/6/2016			0.09 (J)			
9/7/2016				0.03 (J)	0.12 (J)	0.15 (J)
12/7/2016	0.07 (J)	0.09 (J)	0.09 (J)			
12/8/2016				0.18 (J)	0.18 (J)	0.12 (J)
3/21/2017	<0.1					
3/22/2017		0.11 (J)	0.04 (J)	0.09 (J)	0.08 (J)	
3/23/2017						0.14 (J)
7/11/2017	0.05 (J)		0.05 (J)			
7/12/2017		0.23 (J)		0.21 (J)	0.17 (J)	0.07 (J)
10/18/2017	0.11 (J)	0.19 (J)	0.04 (J)	0.24 (J)	0.06 (J)	
10/19/2017						<0.1
2/20/2018	0.04 (J)					
2/21/2018		0.093 (J)	<0.1	0.24 (J)	0.086 (J)	0.37
7/11/2018	<0.1					
7/12/2018		<0.1	<0.1			0.17 (J)
8/15/2018					<0.1	
8/16/2018				0.073 (J)		
9/12/2018	<0.1					
9/13/2018		0.15 (J)	<0.1		<0.1	
9/14/2018				<0.1		<0.1
3/27/2019	<0.1		<0.1		<0.1	
3/28/2019		0.1		0.15		0.074
10/2/2019	0.056 (X)	0.075 (X)	0.053 (X)	0.063 (X)		
10/3/2019					0.043 (X)	0.084 (X)
3/25/2020	<0.1			<0.1		
3/26/2020		0.056 (J)	<0.1		<0.1	0.077 (J)
8/26/2020	<0.1	<0.1	<0.1	<0.1		0.062 (J)
8/27/2020					<0.1	
10/6/2020	<0.1		<0.1			
10/7/2020		<0.1		<0.1	<0.1	0.064 (J)
3/3/2021	<0.1					0.058 (J)
3/4/2021		<0.1	<0.1	<0.1	<0.1	
9/15/2021	<0.1	<0.1	<0.1			2 227 (1)
9/16/2021				0.052 (J)	<0.1	0.067 (J)
1/26/2022	<0.1	<0.1	<0.1	.0.4		0.050 (1)
1/27/2022	0.051 (1)	0.074 (1)	0.050 (1)	<0.1	<0.1	0.056 (J)
8/25/2022	0.051 (J)	0.074 (J)	0.058 (J)	0.078 (J)	0.052 (J)	0.086 (J)
Mean	0.08865	0.1075	0.08359	0.118	0.09947	0.1087
Std. Dev. Upper Lim.	0.02518	0.04446	0.0241	0.06353	0.03486	0.07546
	0.11	0.1172	0.1	0.1252	0.12	0.14
Lower Lim.	0.056	0.07172	0.053	0.05759	0.08	0.064

Constituent: Fluoride (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	0.13 (J)			
9/1/2016				<0.1
9/8/2016		0.25 (J)		
12/7/2016	0.13 (J)			0.15 (J)
12/8/2016		0.22 (J)	0.21 (J)	
3/21/2017	0.05 (J)			
3/22/2017		0.16 (J)		0.09 (J)
3/23/2017			0.18 (J)	
7/11/2017	0.05 (J)	0.23 (J)		
7/12/2017			0.06 (J)	0.02 (J)
10/18/2017	<0.1	0.28 (J)		
10/19/2017			<0.1	<0.1
2/20/2018	0.3 (J)			
2/21/2018		0.29 (J)	0.039 (J)	0.045 (J)
7/11/2018	0.077 (J)			
7/12/2018		0.21 (J)	<0.1	<0.1
9/13/2018	<0.1	0.22 (J)		<0.1
9/14/2018			<0.1	
10/4/2018			0.15 (J)	
3/27/2019	<0.1	0.37		
3/28/2019			<0.1	<0.1
9/10/2019	<0.1			
10/2/2019		0.16 (X)		
10/3/2019			0.06 (X)	0.041 (X)
3/25/2020	0.066 (J)	0.13 (J)		
3/26/2020			<0.1	<0.1
8/26/2020	0.057 (J)	0.14	<0.1	<0.1
10/6/2020	0.052 (J)			
10/7/2020		0.13	<0.1	<0.1
3/3/2021	<0.1	0.12		
3/4/2021			<0.1	<0.1
9/15/2021	<0.1	0.14		
9/16/2021			<0.1	<0.1
1/26/2022	<0.1	0.11		
1/27/2022			<0.1	<0.1
8/24/2022		0.15	0.092 (J)	
8/25/2022	0.074 (J)			0.056 (J)
Mean	0.09918	0.1947	0.1054	0.08835
Std. Dev.	0.05772	0.07264	0.04146	0.03076
Upper Lim.	0.13	0.2402	0.15	0.15
Lower Lim.	0.057	0.1492	0.092	0.056

Constituent: Lead (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-15	PZ-16	PZ-18	PZ-19	PZ-23A	PZ-33
8/31/2016					<0.001	
9/1/2016	<0.001					
9/6/2016		<0.001				
9/7/2016			<0.001	<0.001		
12/7/2016	<0.001	<0.001			<0.001	
12/8/2016			<0.001	<0.001		<0.001
3/21/2017					<0.001	
3/22/2017	5E-05 (J)	<0.001	<0.001			
3/23/2017				<0.001		9E-05 (J)
7/11/2017		<0.001			<0.001	
7/12/2017	<0.001		<0.001	<0.001		<0.001
10/18/2017	<0.001	<0.001	<0.001		<0.001	
10/19/2017				<0.001		<0.001
2/20/2018					<0.001	
2/21/2018	<0.001	<0.001	0.00043 (J)	<0.001		<0.001
7/11/2018					<0.001	
7/12/2018	<0.001	<0.001		<0.001		<0.001
8/15/2018			<0.001			
9/13/2018	<0.001	<0.001	<0.001		<0.001	
9/14/2018				<0.001		<0.001
10/4/2018						<0.001
9/10/2019					<0.001	
10/2/2019	<0.001	8.1E-05 (X)				
10/3/2019			<0.001	<0.001		4.7E-05 (X)
3/25/2020					0.00015 (J)	
3/26/2020	<0.001	<0.001	<0.001	<0.001		<0.001
8/26/2020	<0.001	<0.001		<0.001	<0.001	<0.001
8/27/2020			<0.001			
10/6/2020		<0.001			4.7E-05 (J)	
10/7/2020	<0.001		4.2E-05 (J)	4.2E-05 (J)		<0.001
3/3/2021				<0.001	5.8E-05 (J)	
3/4/2021	<0.001	<0.001	<0.001			<0.001
9/15/2021	<0.001	<0.001			<0.001	
9/16/2021			<0.001	<0.001		<0.001
1/26/2022	<0.001	<0.001			<0.001	
1/27/2022			<0.001	<0.001		<0.001
8/24/2022						<0.001
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001	
Mean	0.0009406	0.0009426	0.0009045	0.0009401	0.0008284	0.0008836
Std. Dev.	0.0002375	0.0002298	0.0002704	0.0002395	0.0003694	0.0003183
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.001
Lower Lim.	5E-05	8.1E-05	0.00043	4.2E-05	0.00015	9E-05

Constituent: Lead (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-7D
9/1/2016	<0.001
12/7/2016	<0.001
3/22/2017	<0.001
7/12/2017	<0.001
10/19/2017	<0.001
2/21/2018	<0.001
7/12/2018	<0.001
9/13/2018	<0.001
10/3/2019	<0.001
3/26/2020	<0.001
8/26/2020	<0.001
10/7/2020	<0.001
3/4/2021	4.1E-05 (J)
9/16/2021	<0.001
1/27/2022	<0.001
8/25/2022	<0.001
Mean	0.0009401
Std. Dev.	0.0002398
Upper Lim.	0.001
Lower Lim.	4.1E-05

Constituent: Lithium (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					,	
	PZ-14	PZ-15	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016	<0.03					<0.03
9/1/2016		<0.03				
9/7/2016			<0.03	<0.03	0.0082 (J)	
12/7/2016	0.003 (J)	<0.03				<0.03
12/8/2016			<0.03	<0.03	0.0061 (J)	
3/21/2017	<0.03					<0.03
3/22/2017		0.0011 (J)	0.0021 (J)	0.0029 (J)		
3/23/2017					0.0122 (J)	
7/11/2017	<0.03					<0.03
7/12/2017		<0.03	0.002 (J)	0.0024 (J)	0.013 (J)	
10/18/2017	<0.03	<0.03	0.002 (J)	0.0027 (J)		<0.03
10/19/2017					0.013 (J)	
2/20/2018	<0.03					<0.03
2/21/2018		<0.03	0.0022 (J)	0.0021 (J)	0.0085 (J)	
7/11/2018	<0.03					<0.03
7/12/2018		0.0012 (J)			0.013 (J)	
8/15/2018				0.0027 (J)		
8/16/2018			0.0027 (J)			
9/12/2018	<0.03					
9/13/2018		0.0013 (J)		0.0029 (J)		<0.03
9/14/2018			0.0025 (J)		0.018 (J)	
9/10/2019						<0.03
10/2/2019	<0.03	0.0013 (X)	0.0024 (X)			
10/3/2019				0.0027 (X)	0.016 (X)	
3/25/2020	<0.03		0.003 (J)			0.0011 (J)
3/26/2020		0.0014 (J)		0.0027 (J)	0.013 (J)	
8/26/2020	<0.03	0.0013 (J)	0.0028 (J)		0.011 (J)	0.0011 (J)
8/27/2020				0.0025 (J)		
10/6/2020	<0.03					0.00097 (J)
10/7/2020		0.0013 (J)	0.0029 (J)	0.003 (J)	0.013 (J)	
3/3/2021	<0.03				0.015 (J)	0.001 (J)
3/4/2021		0.0014 (J)	0.002 (J)	0.0029 (J)		
9/15/2021	<0.03	0.0013 (J)				0.00085 (J)
9/16/2021			0.0021 (J)	0.0023 (J)	0.013 (J)	
1/26/2022	<0.03	0.0013 (J)				<0.03
1/27/2022			0.0022 (J)	0.003 (J)	0.016 (J)	
8/25/2022	<0.03	0.0012 (J)	0.0018 (J)	0.0033 (J)	0.012 (J)	<0.03
Mean	0.02831	0.01026	0.005794	0.006131	0.01256	0.02094
Std. Dev.	0.00675	0.01375	0.009456	0.009322	0.00306	0.01388
Upper Lim.	0.03	0.03	0.003	0.0033	0.01455	0.03
Lower Lim.	0.003	0.0012	0.002	0.0024	0.01057	0.001

Constituent: Lithium (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-7D
9/1/2016		0.0022 (J)
9/8/2016	0.0038 (J)	
12/7/2016		0.0023 (J)
12/8/2016	0.0038 (J)	
3/22/2017	0.0068 (J)	0.0025 (J)
7/11/2017	0.0059 (J)	
7/12/2017		0.0033 (J)
10/18/2017	0.0057 (J)	
10/19/2017		<0.03
2/21/2018	0.0063 (J)	0.0034 (J)
7/12/2018	0.0063 (J)	0.0038 (J)
9/13/2018	0.0061 (J)	0.0026 (J)
10/2/2019	0.0074 (X)	
10/3/2019		0.0032 (X)
3/25/2020	0.0066 (J)	
3/26/2020		0.0031 (J)
8/26/2020	0.0065 (J)	0.0023 (J)
10/7/2020	0.0063 (J)	0.0023 (J)
3/3/2021	0.0061 (J)	
3/4/2021		0.0031 (J)
9/15/2021	0.0061 (J)	
9/16/2021		0.0025 (J)
1/26/2022	0.008 (J)	
1/27/2022		0.0039 (J)
8/24/2022	0.0073 (J)	
8/25/2022		0.003 (J)
Mean	0.006188	0.004594
Std. Dev.	0.001108	0.006797
Upper Lim.	0.006908	0.0038
Lower Lim.	0.005581	0.0023

Constituent: Mercury (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			i idiit iviii	crien Cheric Oddi	iem company Da	id. Wildright Ash Folia Cort
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	<0.0002					
9/1/2016		<0.0002				
9/6/2016			<0.0002			
9/7/2016				<0.0002	<0.0002	<0.0002
12/7/2016	7E-05 (J)	<0.0002	<0.0002			
12/8/2016				<0.0002	<0.0002	<0.0002
3/21/2017	<0.0002					
3/22/2017		<0.0002	<0.0002	<0.0002	<0.0002	
3/23/2017						<0.0002
7/11/2017	<0.0002		<0.0002			
7/12/2017		<0.0002		<0.0002	<0.0002	<0.0002
10/18/201	7 <0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
10/19/201	7					<0.0002
2/20/2018	<0.0002					
2/21/2018		9.7E-05 (J)	6.8E-05 (J)	8.6E-05 (J)	5.7E-05 (J)	4.5E-05 (J)
7/11/2018	<0.0002					
7/12/2018		<0.0002	<0.0002			<0.0002
8/15/2018					<0.0002	
8/16/2018				<0.0002		
9/12/2018						
9/13/2018		<0.0002	<0.0002		<0.0002	
9/14/2018				<0.0002		<0.0002
8/26/2020	` '	<0.0002	<0.0002	<0.0002		0.0001 (J)
8/27/2020					<0.0002	
10/6/2020			<0.0002			
10/7/2020		<0.0002		<0.0002	<0.0002	<0.0002
3/3/2021	<0.0002					<0.0002
3/4/2021		<0.0002	<0.0002	<0.0002	<0.0002	
9/15/2021		<0.0002	<0.0002	.0.0000	.0.0000	0.000
9/16/2021				<0.0002	<0.0002	<0.0002
1/26/2022		<0.0002	<0.0002			
1/27/2022				<0.0002	<0.0002	<0.0002
8/25/2022		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Mean	0.0001871	0.0001926	0.0001906	0.0001919	0.0001898	0.0001818
Std. Dev.	3.625E-05	2.753E-05	3.528E-05	3.047E-05	3.822E-05	4.754E-05
Upper Lim		0.0002	0.0002	0.0002	0.0002	0.0002
Lower Lim	. 0.00015	9.7E-05	6.8E-05	8.6E-05	5.7E-05	0.0001

Constituent: Mercury (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			r lant willone	ii Olionii. oot
	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	<0.0002			
9/1/2016				<0.0002
9/8/2016		<0.0002		
12/7/2016	9E-05 (J)			6E-05 (J)
12/8/2016		<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	<0.0002		
7/12/2017			<0.0002	<0.0002
10/18/2017	<0.0002	<0.0002		
10/19/2017			<0.0002	<0.0002
2/20/2018	<0.0002			
2/21/2018		5.3E-05 (J)	4.3E-05 (J)	5.3E-05 (J)
7/11/2018	<0.0002			
7/12/2018		<0.0002	<0.0002	<0.0002
9/13/2018	<0.0002	<0.0002		<0.0002
9/14/2018			4.1E-05 (J)	
10/4/2018			<0.0002	
8/26/2020	0.00017 (J)	<0.0002	0.00011 (J)	<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	<0.0002		
9/16/2021			<0.0002	<0.0002
1/26/2022	<0.0002	<0.0002		
1/27/2022			<0.0002	<0.0002
8/24/2022			<0.0002	
8/25/2022	<0.0002			<0.0002
10/11/2022		<0.0002		
Mean	0.00019	0.0001895	0.000171	0.0001795
Std. Dev.	2.987E-05	3.929E-05	5.965E-05	5.213E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00017	5.3E-05	0.00011	6E-05

 $Constituent: \ Molybdenum \ (mg/L) \quad \ Analysis \ Run \ 11/21/2022 \ 11:01 \ AM \quad \ View: \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ Intervals \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ INTERVALS \ Appendix \ IV - Confidence \ IV -$

					,	
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-19	PZ-23A
8/31/2016	<0.01					<0.01
9/1/2016		<0.01				
9/6/2016			<0.01			
9/7/2016				<0.01	0.0027 (J)	
12/7/2016	<0.01	<0.01	<0.01			<0.01
12/8/2016				<0.01	0.0022 (J)	
3/21/2017	0.0005 (J)					0.0006 (J)
3/22/2017		0.0004 (J)	0.0004 (J)	0.0004 (J)		
3/23/2017					0.0025 (J)	
7/11/2017	<0.01		<0.01			<0.01
7/12/2017		<0.01		<0.01	0.0022 (J)	
10/18/2017	<0.01	<0.01	<0.01	<0.01		<0.01
10/19/2017					0.0021 (J)	
2/20/2018	<0.01					<0.01
2/21/2018		<0.01	<0.01	<0.01	<0.01	
7/11/2018	<0.01					<0.01
7/12/2018		<0.01	<0.01		0.0022 (J)	
8/16/2018				<0.01		
9/12/2018	<0.01					
9/13/2018		<0.01	<0.01			<0.01
9/14/2018				<0.01	0.0023 (J)	
9/10/2019						<0.01
10/2/2019	<0.01	<0.01	<0.01	<0.01		
10/3/2019					0.0024 (X)	
3/25/2020	<0.01			<0.01		0.0011 (J)
3/26/2020		<0.01	<0.01		0.0021 (J)	
8/26/2020	<0.01	<0.01	<0.01	<0.01	0.002 (J)	<0.01
10/6/2020	<0.01		<0.01			<0.01
10/7/2020		<0.01		<0.01	0.0019 (J)	
3/3/2021	<0.01				0.0021 (J)	<0.01
3/4/2021		<0.01	<0.01	<0.01		
9/15/2021	<0.01	<0.01	<0.01			<0.01
9/16/2021				<0.01	0.0021 (J)	
1/26/2022	<0.01	<0.01	<0.01			<0.01
1/27/2022				<0.01	0.0022 (J)	
8/25/2022	<0.01	<0.01	<0.01	<0.01	0.0017 (J)	<0.01
Mean	0.009406	0.0094	0.0094	0.0094	0.002669	0.008856
Std. Dev.	0.002375	0.0024	0.0024	0.0024	0.001969	0.003127
Upper Lim.	0.01	0.01	0.01	0.01	0.0025	0.01
Lower Lim.	0.0005	0.0004	0.0004	0.0004	0.002	0.0011

Constituent: Molybdenum (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

	PZ-25
9/8/2016	<0.01
12/8/2016	<0.01
3/22/2017	0.001 (J)
7/11/2017	<0.01
10/18/2017	<0.01
2/21/2018	<0.01
7/12/2018	<0.01
9/13/2018	<0.01
10/2/2019	<0.01
3/25/2020	<0.01
8/26/2020	<0.01
10/7/2020	<0.01
3/3/2021	<0.01
9/15/2021	<0.01
1/26/2022	<0.01
8/24/2022	<0.01
Mean	0.009437
Std. Dev.	0.00225
Upper Lim.	0.01
Lower Lim.	0.001

Constituent: Selenium (mg/L) Analysis Run 11/21/2022 11:01 AM View: Appendix IV - Confidence Intervals

			i lant witche	ii Ciletti. Oodiitetti	Company
	PZ-14	PZ-15	PZ-19	PZ-23A	PZ-7D
8/31/2016	0.0012 (J)			0.0014 (J)	
9/1/2016		<0.005			<0.005
9/7/2016			<0.005		
12/7/2016	<0.005	<0.005		<0.005	<0.005
12/8/2016			<0.005		
3/21/2017	<0.005			<0.005	
3/22/2017		<0.005			<0.005
3/23/2017			<0.005		
7/11/2017	<0.005			<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		<0.005
2/20/2018	<0.005			<0.005	
2/21/2018		<0.005	<0.005		<0.005
7/11/2018	<0.005			<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
9/14/2018			0.0015 (J)		
9/10/2019				0.0018 (X)	
10/2/2019	0.0015 (X)	<0.005			
10/3/2019			0.0034 (X)		0.0017 (X)
3/25/2020	<0.005			0.003 (J)	
3/26/2020		<0.005	0.0016 (J)		<0.005
8/26/2020	<0.005	0.0018 (J)	0.0031 (J)	0.0026 (J)	0.0018 (J)
10/6/2020	<0.005			0.0027 (J)	
10/7/2020		<0.005	0.0035 (J)		<0.005
3/3/2021	<0.005		0.0033 (J)	0.0025 (J)	
3/4/2021		<0.005			0.0018 (J)
9/15/2021	<0.005	<0.005		0.0024 (J)	
9/16/2021			0.0033 (J)		<0.005
1/26/2022	<0.005	<0.005		0.0023 (J)	
1/27/2022			0.005		0.0018 (J)
8/25/2022	<0.005	<0.005	0.0019 (J)	0.0023 (J)	0.0017 (J)
Mean	0.004544	0.0048	0.00385	0.0035	0.003987
Std. Dev.	0.001248	0.0008	0.001328	0.00141	0.001551
Upper Lim.	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.0015	0.0018	0.0019	0.0023	0.0018

 $Constituent: Thallium \ (mg/L) \quad Analysis \ Run \ 11/21/2022 \ 11:01 \ AM \quad View: Appendix \ IV - Confidence \ Intervals \ Analysis \ Analysis \ Run \ 11/21/2022 \ 11:01 \ AM \ Analysis \ Run \ Run \ Analysis \ Run \ Run \ Analysis \ Run \ Analysis \ Run \ Analysis \ Run \ Analysis \ Run \ Run \ Analysis \ Run \ R$

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	
8/31/2016	<0.001						
9/1/2016		<0.001					
9/6/2016			<0.001				
9/7/2016				<0.001	<0.001	<0.001	
12/7/2016	<0.001	<0.001	<0.001				
12/8/2016				<0.001	<0.001	0.0003 (J)	
3/21/2017	6E-05 (J)						
3/22/2017		<0.001	0.0002 (J)	<0.001	4E-05 (J)		
3/23/2017						0.0003 (J)	
7/11/2017	<0.001		0.0002 (J)				
7/12/2017		<0.001		<0.001	<0.001	0.0004 (J)	
10/18/2017	<0.001	<0.001	0.0002 (J)	<0.001	5E-05 (J)		
10/19/2017						0.0005 (J)	
2/20/2018	<0.001						
2/21/2018		<0.001	0.00018 (J)	<0.001	<0.001	0.00049 (J)	
7/11/2018	<0.001						
7/12/2018		<0.001	<0.001			0.00077 (J)	
8/15/2018					<0.001		
8/16/2018				<0.001			
9/12/2018	<0.001						
9/13/2018		<0.001	0.00017 (J)		<0.001		
9/14/2018				<0.001		0.00076 (J)	
10/2/2019	<0.001	0.00016 (X)	5.3E-05 (X)	0.00016 (X)			
10/3/2019					<0.001	0.00071 (X)	
3/25/2020	<0.001			0.0002 (J)			
3/26/2020		0.00014 (J)	<0.001		7.1E-05 (J)	0.00068 (J)	
8/26/2020	<0.001	0.00027 (J)	<0.001	0.00025 (J)		0.00056 (J)	
8/27/2020					<0.001		
10/6/2020	<0.001		<0.001				
10/7/2020		0.00022 (J)		0.00022 (J)	<0.001	0.0007 (J)	
3/3/2021	<0.001					0.00072 (J)	
3/4/2021		0.00022 (J)	<0.001	0.00039 (J)	<0.001		
9/15/2021	<0.001	0.0002 (J)	<0.001				
9/16/2021				0.00034 (J)	<0.001	0.00066 (J)	
1/26/2022	<0.001	<0.001	<0.001				
1/27/2022				0.00038 (J)	<0.001	0.00063 (J)	
8/25/2022	<0.001	<0.001	<0.001	0.00037 (J)	<0.001	0.00053 (J)	
Mean	0.0009413	0.0007006	0.0006877	0.0006444	0.0008226	0.0006069	
Std. Dev.	0.000235	0.0004001	0.0004177	0.0003726	0.0003815	0.0001843	
Upper Lim.	0.001	0.001	0.001	0.001	0.001	0.0007268	
Lower Lim.	6E-05	0.0002	0.00018	0.00022	7.1E-05	0.0004869	

 $Constituent: Thallium \, (mg/L) \quad Analysis \, Run \,\, 11/21/2022 \,\, 11:01 \,\, AM \quad View: Appendix \,\, IV - Confidence \,\, Intervals \,\, IV - Confidence \,\, Intervals \,\, IV - Confidence \,\, INTERVAL \,\, IV - Confidence \,\, IV$

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	<0.001			
9/1/2016				<0.001
9/8/2016		<0.001		
12/7/2016	0.0002 (J)			<0.001
12/8/2016		<0.001	<0.001	
3/21/2017	0.0003 (J)			
3/22/2017		<0.001		0.0002 (J)
3/23/2017			0.0001 (J)	
7/11/2017	0.0002 (J)	<0.001		
7/12/2017			0.0001 (J)	0.0001 (J)
10/18/2017	0.0001 (J)	<0.001		
10/19/2017			0.0001 (J)	0.0001 (J)
2/20/2018	0.00026 (J)			
2/21/2018		<0.001	<0.001	<0.001
7/11/2018	0.00018 (J)			
7/12/2018		<0.001	<0.001	<0.001
9/13/2018	<0.001	<0.001		<0.001
9/14/2018			<0.001	
10/4/2018			<0.001	
9/10/2019	<0.001			
10/2/2019		0.00024 (X)		
10/3/2019			0.00018 (X)	7.8E-05 (X)
3/25/2020	0.00015 (J)	0.00037 (J)		
3/26/2020			0.00015 (J)	8.5E-05 (J)
8/26/2020	0.00016 (J)	0.00037 (J)	<0.001	<0.001
10/6/2020	<0.001			
10/7/2020		0.00027 (J)	<0.001	<0.001
3/3/2021	0.00017 (J)	0.00036 (J)		
3/4/2021			<0.001	<0.001
9/15/2021	<0.001	0.00066 (J)		
9/16/2021			<0.001	<0.001
1/26/2022	<0.001	0.00039 (J)		
1/27/2022			<0.001	<0.001
8/24/2022		0.00048 (J)	<0.001	
8/25/2022	<0.001			<0.001
Mean	0.000545	0.0006963	0.0007269	0.0007227
Std. Dev.	0.0004167	0.0003262	0.0004188	0.0004256
Upper Lim.	0.001	0.001	0.001	0.001
Lower Lim.	0.00016	0.00036	0.00015	0.0001

GROUNDWATER STATS CONSULTING

SWFPR

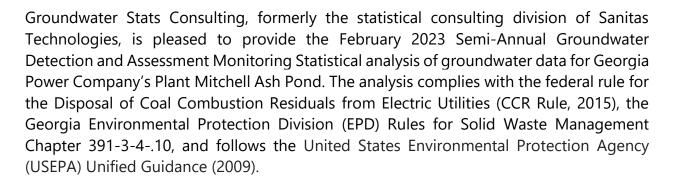
July 31, 2023

Southern Company Services Attn: Mr. Joju Abraham 241 Ralph McGill Blvd NE, Bin 10160 Atlanta, Georgia 30308-3374

Re: Plant Mitchell Ash Pond

February 2023 Semi-Annual Statistical Analysis

Dear Mr. Abraham,



Sampling for the Appendix III parameters began in 2016, 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:

- o **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 was first sampled on January 2022 and has only been sampled three times. Data for this well were plotted on time series and box plots, and formal statistics will be conducted when a minimum of 4 samples are available for Appendix IV constituents and a minimum of 8 samples are available for Appendix III constituents.

Data were sent electronically to Groundwater Stats Consulting, and the statistical analysis was reviewed by Andrew Collins, Project Manager 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. Summaries of well/constituent pairs with 100% non-detects since 2016 for Appendix IV constituents follow this letter.

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

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% nondetects (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. This technique adjusts the mean and standard deviation of the historical concentrations to account for concentrations below the reporting limit.
- Nonparametric prediction limits are used on data containing greater than 50% non-detects.

Natural systems continuously evolve due to physical changes made to the environment. Examples include capping a landfill, paving areas near a well, or lining a drainage channel

to prevent erosion. Periodic updating of background statistical limits is necessary to accommodate these types of changes. In the interwell case, prediction limits are updated with upgradient well data during each event after careful screening for any new outliers. In 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 will 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 outliers identified by Tukey's method, only a few of these values were flagged in the database as 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.

<u>Seasonality</u>

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.

<u>Trend Test Evaluation</u>

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 decreasing 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.

<u>Appendix III – Determination of Spatial Variation</u>

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.

Statistical Analysis of Appendix III Parameters – February 2023 Sample Event

All Appendix III parameters were analyzed using interwell prediction limits. Background (upgradient) well data were re-assessed using time series for potential outliers during this analysis. No new values were flagged as outlier and a summary of previously flagged outliers follows this report (Figure C). Values in background which have been flagged as outliers 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 February 2023 (Figure D). Interwell prediction limits pool upgradient well data to establish a background limit for an individual constituent. The February 2023 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-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and PZ-7D

Calcium: PZ-18, PZ-19, PZ-23A, and PZ-7D
Chloride: PZ-14, PZ-15, PZ-16, and PZ-18
pH: PZ-18, PZ-19, PZ-23A, and PZ-7D

• Sulfate: PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, and

PZ-7D

TDS: PZ-15, PZ-16, PZ-18, PZ-19, PZ-23A, and PZ-7D

<u>Trend Test Evaluation – Appendix III</u>

When prediction limit exceedances are identified in downgradient wells, data are further evaluated using the Sen's Slope/Mann Kendall trend test at the 99% confidence level to determine whether concentrations are statistically increasing, decreasing, or stable (Figure E). Upgradient 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-18, PZ-1D (upgradient), PZ-31 (upgradient), and

PZ-32 (upgradient)

Sulfate: PZ-14 and PZ-23A

Decreasing:

Boron: PZ-33 and PZ-7D

• Chloride: PZ-15, PZ-16, PZ-18, and PZ-31 (upgradient)

Sulfate: PZ-16, PZ-17, PZ-19, PZ-25, PZ-2D (upgradient), PZ-31 (upgradient),

PZ-33, and PZ-7D

Statistical Analysis of Appendix IV Parameters – February 2023

For Appendix IV parameters, confidence intervals for each downgradient well/constituent were compared against corresponding Groundwater Protection Standards (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 new values were flagged and a summary of previously flagged outliers follows this report (Figure C).

Interwell Upper Tolerance Limits

First, interwell tolerance limits were used to calculate site-specific background limits from all available pooled upgradient well data through February 2023 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.

When data contain greater than 50% non-detects or do not follow a normal or transformed-normal distribution, non-parametric tolerance limits are used.

Groundwater Protection Standards

The background limits were then used when determining the groundwater protection standard (GWPS) under 40 CFR §257.95(h) and Georgia EPD Rule 391-3-4-.10(6)(a). On July 30, 2018, US EPA revised the Federal CCR rule updating GWPS for cobalt, lead, lithium, and molybdenum as described above in 40 CFR §257.95(h)(2). Effective on February 22, 2022, Georgia EPD incorporated the updated GWPS into the current Georgia EPD Rules for Solid Waste Management 391-3-4-.10(6)(a). In accordance with the updated Rules, the GWPS is:

- The maximum contaminant level (MCL) established under §141.62 and §141.66 of this title
- Where an MCL has not been established for a constituent, Federal and State CCR Rules specify levels for cobalt (0.006 mg/L), lead (0.015 mg/L), lithium (0.040 mg/L), and molybdenum (0.100 mg/L)
- The respective background level for a constituent when the background level is higher than the MCL or Federal CCR Rule identified GWPS

Following Georgia EPD Rule requirements and the Federal CCR requirements, GWPS were established for statistical comparison of Appendix IV constituents for this sample event (Figure G).

Confidence Intervals

To complete the statistical comparison to GWPS, confidence intervals were constructed for each of the Appendix IV constituents using data through February 2023 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.

The Sanitas software was used to calculate the tolerance limits and the confidence intervals. The confidence intervals were compared to the GWPS established using the Georgia EPD Rules 391-3-4-.10(6)(a). These 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 highest and lowest values in

background 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 confidence level associated with nonparametric confidence intervals is dependent upon the number samples available.

Only when the entire confidence interval is above a GWPS is the 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.

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,

Tristan Clark

Groundwater Analyst

Tristan Clark

Andrew Collins

Project Manager

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

100% Non-Detects: Appendix IV Downgradient

Analysis Run 3/24/2023 2:23 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Antimony (mg/L) PZ-25, PZ-57

Arsenic (mg/L) PZ-16, PZ-18, PZ-57, PZ-7D

Beryllium (mg/L)

PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, PZ-57, PZ-7D

Cadmium (mg/L)

PZ-14, PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-25, PZ-57, PZ-7D

Chromium (mg/L) PZ-15, PZ-17, PZ-25, PZ-57

Cobalt (mg/L)

PZ-7D

Lead (mg/L)

PZ-14, PZ-17, PZ-25, PZ-57

Lithium (mg/L) PZ-16, PZ-33

Mercury (mg/L)

PZ-57

Molybdenum (mg/L) PZ-18, PZ-33, PZ-7D

Selenium (mg/L)

PZ-16, PZ-17, PZ-18, PZ-25, PZ-33, PZ-57

Thallium (mg/L)

PZ-57

Interwell Prediction Limits - Significant Results

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 10:06 AM

Constituent	Well	Upper Lim.	Lower Lim.	<u>Date</u>	Observ.	Sig.	Bg N	Bg Mear	Std. Dev	.%ND	sND Adj.	Transform	Alpha	Method
Boron (mg/L)	PZ-15	0.02629	n/a	2/15/2023	0.21	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02629	n/a	2/15/2023	0.19	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-17	0.02629	n/a	2/16/2023	0.15	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02629	n/a	2/15/2023	0.35	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-19	0.02629	n/a	2/15/2023	0.54	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-23A	0.02629	n/a	2/14/2023	0.13	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02629	n/a	2/15/2023	0.17	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02629	n/a	2/16/2023	0.31	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-7D	0.02629	n/a	2/15/2023	0.21	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-18	109.9	n/a	2/15/2023	164	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-19	109.9	n/a	2/15/2023	144	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	109.9	n/a	2/14/2023	139	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-7D	109.9	n/a	2/15/2023	114	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-14	4.469	n/a	2/14/2023	4.5	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-15	4.469	n/a	2/15/2023	6.2	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-16	4.469	n/a	2/15/2023	6.2	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-18	4.469	n/a	2/15/2023	4.5	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
pH (SU)	PZ-18	9.48	6.96	2/15/2023	6.73	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
pH (SU)	PZ-19	9.48	6.96	2/15/2023	6.66	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
pH (SU)	PZ-23A	9.48	6.96	2/14/2023	6.75	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
pH (SU)	PZ-7D	9.48	6.96	2/15/2023	6.92	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-14	6.304	n/a	2/14/2023	10	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	6.304	n/a	2/15/2023	75.7	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	6.304	n/a	2/15/2023	38.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	6.304	n/a	2/16/2023	54.2	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	6.304	n/a	2/15/2023	96.6	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	6.304	n/a	2/15/2023	78.8	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	6.304	n/a	2/14/2023	35.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	6.304	n/a	2/15/2023	37.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	6.304	n/a	2/16/2023	36	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-7D	6.304	n/a	2/15/2023	49.9	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-15	306.7	n/a	2/15/2023	329	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-16	306.7	n/a	2/15/2023	334	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-18	306.7	n/a	2/15/2023	477	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-19	306.7	n/a	2/15/2023	529	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-23A	306.7	n/a	2/14/2023	414	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-7D	306.7	n/a	2/15/2023	335	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2

Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 10:06 AM

Constituent	Wall	Unnerlim	Laurarlim	Data	Observ	Cia.	Da N	I Da Maa	n Ctd Da	, 0/ NIC	aND Adi	Transform	a Alaba	Mathad
Constituent Boron (mg/L)	<u>Well</u> PZ-14	0.02629	Lower Lim. n/a	2/14/2023	Observ.	<u>Sig.</u> No	68	-4.316	n Std. Dev 0.3391		None	Transforn In(x)		Method Param Inter 1 of 2
Boron (mg/L)	PZ-14	0.02629	n/a	2/15/2023	0.0233	Yes	68	-4.316	0.3391		None	ln(x)		Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02629	n/a	2/15/2023	0.19	Yes	68	-4.316	0.3391		None	ln(x)	0.0007523	
Boron (mg/L)	PZ-17	0.02629	n/a	2/16/2023		Yes	68	-4.316	0.3391) None	ln(x)		Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02629	n/a	2/15/2023		Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-19	0.02629	n/a	2/15/2023	0.54	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-23A	0.02629	n/a	2/14/2023	0.13	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02629	n/a	2/15/2023	0.17	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02629	n/a	2/16/2023	0.31	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-7D	0.02629	n/a	2/15/2023	0.21	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-14	109.9	n/a	2/14/2023	103	No	67	56.91	26.49	1.493	None None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-15	109.9	n/a	2/15/2023	98.1	No	67	56.91	26.49	1.493	None None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-16	109.9	n/a	2/15/2023	88.5	No	67	56.91	26.49	1.493	None None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-17	109.9	n/a	2/16/2023		No	67	56.91	26.49		3 None	No		Param Inter 1 of 2
Calcium (mg/L)	PZ-18	109.9	n/a	2/15/2023	164	Yes	67	56.91	26.49		None	No		Param Inter 1 of 2
Calcium (mg/L)	PZ-19	109.9	n/a	2/15/2023	144	Yes	67	56.91	26.49		None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	109.9	n/a	2/14/2023		Yes	67	56.91	26.49		None	No		Param Inter 1 of 2
Calcium (mg/L)	PZ-25	109.9	n/a	2/15/2023	86.9	No	67	56.91	26.49		3 None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-33	109.9	n/a	2/16/2023 2/15/2023	92.2	No	67 67	56.91	26.49		None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L) Chloride (mg/L)	PZ-7D PZ-14	109.9 4.469	n/a n/a	2/14/2023	114 4.5	Yes	68	56.91 1.087	26.49 0.2054	0	None None	No In(x)	0.0007523 0.0007523	Param Inter 1 of 2 Param Inter 1 of 2
Chloride (mg/L)	PZ-14 PZ-15	4.469	n/a	2/15/2023		Yes		1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-16	4.469	n/a	2/15/2023		Yes	68	1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-17	4.469	n/a	2/16/2023		No	68	1.087	0.2054		None	ln(x)	0.0007523	
Chloride (mg/L)	PZ-18	4.469	n/a	2/15/2023	4.5	Yes	68	1.087	0.2054		None	In(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-19	4.469	n/a	2/15/2023	4.1	No	68	1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-23A	4.469	n/a	2/14/2023		No	68	1.087	0.2054		None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-25	4.469	n/a	2/15/2023		No	68	1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-33	4.469	n/a	2/16/2023	2.3	No	68	1.087	0.2054	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-7D	4.469	n/a	2/15/2023	4.3	No	68	1.087	0.2054	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Fluoride (mg/L)	PZ-14	0.29	n/a	2/14/2023	0.1ND	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-15	0.29	n/a	2/15/2023	0.064J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-16	0.29	n/a	2/15/2023	0.053J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-17	0.29	n/a	2/16/2023	0.077J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-18	0.29	n/a	2/15/2023	0.1ND	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-19	0.29	n/a	2/15/2023	0.086J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-23A	0.29	n/a	2/14/2023	0.084J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-25	0.29	n/a	2/15/2023	0.16	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-33	0.29	n/a	2/16/2023	0.082J	No	72	n/a	n/a	45.83		n/a		NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-7D	0.29	n/a	2/15/2023	0.05J	No	72	n/a	n/a	45.83		n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-14	9.48	6.96	2/14/2023		No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-15	9.48	6.96	2/15/2023 2/15/2023	7.09	No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2 NP Inter (normality) 1 of 2
pH (SU)	PZ-16 PZ-17	9.48 9.48	6.96 6.96	2/16/2023		No No	70 70	n/a n/a	n/a n/a	0	n/a n/a	n/a n/a		NP Inter (normality) 1 of 2
pH (SU) pH (SU)	PZ-17	9.48	6.96	2/15/2023		Yes		n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-19	9.48	6.96	2/15/2023		Yes		n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-23A	9.48	6.96	2/14/2023		Yes		n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-25	9.48	6.96	2/15/2023		No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-33	9.48	6.96	2/16/2023		No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-7D	9.48	6.96	2/15/2023		Yes		n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-14	6.304	n/a	2/14/2023	10	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	6.304	n/a	2/15/2023	75.7	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	6.304	n/a	2/15/2023	38.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	6.304	n/a	2/16/2023	54.2	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	6.304	n/a	2/15/2023	96.6	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	6.304	n/a	2/15/2023	78.8	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	6.304	n/a	2/14/2023		Yes		1.365	0.2413		None	x^(1/3)		Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	6.304	n/a	2/15/2023		Yes		1.365	0.2413		None	x^(1/3)		Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	6.304	n/a	2/16/2023	36	Yes	68	1.365	0.2413		None	x^(1/3)		Param Inter 1 of 2
Sulfate (mg/L)	PZ-7D	6.304	n/a	2/15/2023		Yes		1.365	0.2413		None	x^(1/3)		Param Inter 1 of 2
TDS (mg/L)	PZ-14	306.7	n/a	2/14/2023		No	68	172.9	66.93	0	None	No		Param Inter 1 of 2
TDS (mg/L)	PZ-15	306.7	n/a	2/15/2023		Yes	68	172.9	66.93	0	None	No		Param Inter 1 of 2
TDS (mg/L)	PZ-16	306.7	n/a	2/15/2023	334	Yes	68	172.9	66.93	0	None	No	0.0007523	
TDS (mg/L)	PZ-17	306.7 306.7	n/a	2/16/2023	299 477	No Voc	68 68	172.9	66.93 66.93	0	None	No No		Param Inter 1 of 2
TDS (mg/L) TDS (mg/L)	PZ-18 PZ-19	306.7 306.7	n/a n/a	2/15/2023 2/15/2023		Yes Yes	68 68	172.9 172.9	66.93 66.93	0	None None	No No		Param Inter 1 of 2 Param Inter 1 of 2
TDS (mg/L)	PZ-19 PZ-23A	306.7	n/a n/a	2/14/2023		Yes	68	172.9	66.93	0	None	No		Param Inter 1 of 2
TDS (mg/L)	PZ-25A PZ-25	306.7	n/a	2/15/2023		No	68	172.9	66.93	0	None	No		Param Inter 1 of 2
	•									-				

Page 2

Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 10:06 AM

Constituent	Well	Upper Lim.	Lower Lim.	<u>Date</u>	Observ.	Sig.	Bg N	Bg Mear	n Std. Dev	∕.%NE	sND Adj.	Transform	<u>Alpha</u>	Method
TDS (mg/L)	PZ-33	306.7	n/a	2/16/2023	293	No	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-7D	306.7	n/a	2/15/2023	335	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 3:46 PM

	Plant Mitchell Client: South	ern Company Da	ita: Mitchell	Ash Pond Co	CR F	rinted 3/	27/2023,	3:46 PM			
Constituent	Well	Slope	Calc.	Critical	Sig.	<u>N</u>	%NDs	Normality	<u>Xform</u>	<u>Alpha</u>	Method
Boron (mg/L)	PZ-33	-0.01357	-95	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-7D	-0.03053	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-18	5.157	99	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-1D (bg)	1.861	68	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)	2.432	79	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)	1.923	86	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-15	-0.2261	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-16	-0.3078	-86	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-18	-0.3963	-98	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-31 (bg)	-0.3077	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-14	1.574	91	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-16	-2.492	-95	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-17	-6.421	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-19	-1.705	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-23A	3.597	78	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-25	-2.402	-106	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-2D (bg)	-0.6054	-84	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)	-0.845	-99	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-33	-12.24	-122	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D	-1.876	-65	-63	Yes	17	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

	Appendix III		10010						cuu	11000	/ \	1 (03)	1110
		Plant Mitchell	Client: Southe	ern Company	Data: Mitchell	Ash Pond (CCR F	rinted 3	/27/2023	3:46 PM			
Constituent	1	Well		Slope	Calc.	Critical	Sig.	<u>N</u>	%NDs	Normality	Xform	<u>Alpha</u>	Method
Boron (mg/L)		 PZ-15		-0.002262	-24	-63	No	_ 17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-16		0	6	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-17		-0.01801	-54	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-18		0	8	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-19		-0.0175	-50	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-1D (bg)		0.0003079	13	63	No	17	5.882	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-23A		-0.003353	-36	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-25		-0.005802	-56	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-2D (bg)		-0.001099	-59	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-31 (bg)		0	9	63	No	17	29.41	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-32 (bg)		-0.0001065	-7	-63	No	17	5.882	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-33		-0.01357	-95	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	ı	PZ-7D		-0.03053	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ı	PZ-18		5.157	99	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-19		0.9112	16	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-1D (bg)		1.861	68	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-23A		2.216	47	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-2D (bg)		2.169	44	63	No	17	5.882	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-31 (bg)		2.432	79	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-32 (bg)		1.923	86	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-7D		1.139	23	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-14		-0.1015	-41	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	i	PZ-15		-0.2261	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	ı	PZ-16		-0.3078	-86	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	ı	PZ-18		-0.3963	-98	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-1D (bg)		-0.06706	-46	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-2D (bg)		-0.03387	-29	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-31 (bg)		-0.3077	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-32 (bg)		-0.1391	-61	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	F	PZ-18		-0.02277	-54	-68	No	18	0	n/a	n/a	0.01	NP
pH (SU)	F	PZ-19		0	-1	-74	No	19	0	n/a	n/a	0.01	NP
pH (SU)	F	PZ-1D (bg)		-0.01862	-42	-68	No	18	0	n/a	n/a	0.01	NP
pH (SU)		PZ-23A		0.008875	23	68	No	18	0	n/a	n/a	0.01	NP
pH (SU)		PZ-2D (bg)		-0.2315	-34	-48	No	14	0	n/a	n/a	0.01	NP
pH (SU)		PZ-31 (bg)		-0.002286	-8	-68	No	18	0	n/a	n/a	0.01	NP
pH (SU)		PZ-32 (bg)		0.004247	12	81	No	20	0	n/a	n/a	0.01	NP
pH (SU)		PZ-7D		0.0113	22	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-14		1.574	91	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-15		0.2902	8	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-16		-2.492	-95	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-17		-6.421	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-18		-0.8536	-19	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-19		-1.705	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-1D (bg)		-0.02139	-10 	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-23A		3.597	78	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-25		-2.402	-106	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-2D (bg)		-0.6054	-84	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-31 (bg)		-0.845	-99 40	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-32 (bg)		0	-12	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L) Sulfate (mg/L)		PZ-33		-12.24	-122 65	-63 63	Yes Yes	17	0	n/a	n/a	0.01	NP ND
		PZ-7D PZ-15		-1.876 3.788	-65 23	-63 63	No	17 17	0	n/a	n/a	0.01 0.01	NP NP
TDS (mg/L)							No			n/a	n/a		
TDS (mg/L) TDS (mg/L)		PZ-16 PZ-18		0.5318 3.261	5 29	63 63	No	17 17	0	n/a n/a	n/a n/a	0.01 0.01	NP NP
TDS (mg/L)		PZ-18 PZ-19		-5.143	-18	-63	No	17	0	n/a n/a	n/a n/a	0.01	NP NP
TDS (mg/L)		PZ-19 PZ-1D (bg)		2.66	31	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-1D (bg) PZ-23A		4.898	49	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-2D (bg)		4.561	20	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-31 (bg)		-0.3587	-5	-63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-32 (bg)		2.063	25	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-7D		-11.45	-63	-63	No	17	0	n/a	n/a	0.01	NP
,	·				-								

Upper Tolerance Limits Summary Table

		Plant Mitchell	Client: Southe	ern Company	Data: Mitche	ell Ash P	ond CCR	Printed 3/24/2023	3, 2:13 PM	
Constituent	Well	<u>Upper</u>	Lim. Date	<u>Obse</u>	erv. Sig.	Bg N	%NDs	Transform	<u>Alpha</u>	Method
Antimony (mg/L)	n/a	0.0035	i n/a	n/a	n/a	68	55.88	n/a	0.03056	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.005	n/a	n/a	n/a	60	86.67	n/a	0.04607	NP Inter(NDs)
Barium (mg/L)	n/a	0.0463	31 n/a	n/a	n/a	68	1.471	ln(x)	0.05	Inter
Beryllium (mg/L)	n/a	0.0005	5 n/a	n/a	n/a	52	96.15	n/a	0.06944	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0005	n/a	n/a	n/a	52	100	n/a	0.06944	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0093	n/a	n/a	n/a	68	25	sqrt(x)	0.05	Inter
Cobalt (mg/L)	n/a	0.005	n/a	n/a	n/a	68	97.06	n/a	0.03056	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	n/a	1.611	n/a	n/a	n/a	66	0	sqrt(x)	0.05	Inter
Fluoride (mg/L)	n/a	0.29	n/a	n/a	n/a	72	45.83	n/a	0.02489	NP Inter(normality)
Lead (mg/L)	n/a	0.001	n/a	n/a	n/a	68	80.88	n/a	0.03056	NP Inter(NDs)
Lithium (mg/L)	n/a	0.03	n/a	n/a	n/a	68	79.41	n/a	0.03056	NP Inter(NDs)
Mercury (mg/L)	n/a	0.0002	n/a	n/a	n/a	60	90	n/a	0.04607	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.01	n/a	n/a	n/a	68	77.94	n/a	0.03056	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	68	100	n/a	0.03056	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	68	91.18	n/a	0.03056	NP Inter(NDs)

PLANT	MITCHELL	ASH POND GV	WPS	
		CCR-Rule		
Constituent Name	MCL	Specified	Background Limit	GWPS
Antimony, Total (mg/L)	0.006		0.0035	0.006
Arsenic, Total (mg/L)	0.01		0.005	0.01
Barium, Total (mg/L)	2		0.046	2
Beryllium, Total (mg/L)	0.004		0.0005	0.004
Cadmium, Total (mg/L)	0.005		0.0005	0.005
Chromium, Total (mg/L)	0.1		0.0093	0.1
Cobalt, Total (mg/L)	n/a	0.006	0.005	0.006
Combined Radium, Total (pCi/L)	5		1.61	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	0.03	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		0.001	0.002

^{*}MCL = Maximum Contaminant Level

^{*}CCR = Coal Combustion Residuals

^{*}GWPS = Groundwater Protection Standard

Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/24/2023, 2:28 PM

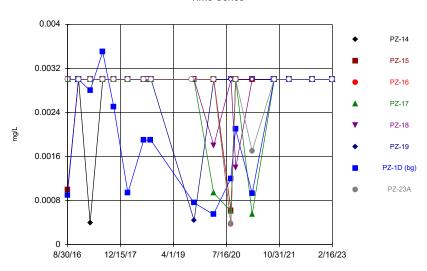
	Flant Mitter	ieii Gilerit. C	outrierri Comp	arry Data.	WIIICH	CII ASII	rona co	Fillited 3/24/2	1020, 2.20 T W		
Constituent	Well	Upper Lim.	Lower Lim.	Compliano	eSig.	<u>N</u>	%NDs	ND Adj.	Transform	<u>Alpha</u>	Method
Antimony (mg/L)	PZ-14	0.003	0.0004	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-15	0.003	0.001	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-16	0.003	0.00037	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-17	0.003	0.00094	0.006	No	17	82.35	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-18	0.003	0.0018	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-19	0.003	0.00044	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-23A	0.003	0.0017	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-33	0.003	0.00082	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-7D	0.003	0.00042	0.006	No	17	82.35	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-14	0.005	0.00083	0.01	No	15	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-15	0.005	0.0011	0.01	No	15	80	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-17	0.005	0.00072	0.01	No	15	80	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-19	0.005	0.0007	0.01	No	15	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-23A	0.005	0.00036	0.01	No	15	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-25	0.005	0.001	0.01	No	15	73.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-33	0.005	0.00094	0.01	No	15	86.67	None	No	0.01	NP (NDs)
Barium (mg/L)	PZ-14	0.02979	0.0164	2	No	17	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	PZ-15	0.0617	0.048	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-16	0.046	0.034	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-17	0.07833	0.06912	2	No	17	0	None	No	0.01	Param.
Barium (mg/L)	PZ-18	0.0273	0.023	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-19	0.05819	0.05215	2	No	17	0	None	No	0.01	Param.
Barium (mg/L)	PZ-23A	0.04979	0.0367	2	No	17	0	None	No	0.01	Param.
Barium (mg/L)	PZ-25	0.11	0.1	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-33	0.06915	0.04872	2	No	16	0	None	No	0.01	Param.
Barium (mg/L)	PZ-7D	0.009458	0.006747	2	No	17	0	None	sqrt(x)	0.01	Param.
Cadmium (mg/L)	PZ-23A	0.0005	0.0002	0.005	No	13	84.62	None	No	0.01	NP (NDs)
Cadmium (mg/L)	PZ-33	0.0005	0.0001	0.005	No	13	92.31	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-14	0.01	0.0012	0.1	No	17	52.94	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-16	0.005	0.00087	0.1	No	17	47.06	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-18	0.005	0.00056	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-19	0.005	0.00073	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-23A	0.0044	0.0014	0.1	No	17	17.65	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-33	0.005	0.0017	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-7D	0.001981	0.0007428	0.1	No	17	29.41	Kaplan-Meier	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-14	0.005	0.002	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-15	0.005	0.0005	0.006	No	17	70.59	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-16	0.005	0.0005	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-17	0.005	0.0006	0.006	No	17	64.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-18	0.005	0.0011	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-19	0.005	0.0012	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-23A	0.005	0.00067	0.006	No	17	70.59	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-25	0.0017	0.0008	0.006	No	17	5.882	None	No	0.01	NP (normality)
Cobalt (mg/L)	PZ-33	0.005	0.0008	0.006	No	17	64.71	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	PZ-14	0.8939	0.2977	5	No	17	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-15	1.052	0.7051	5	No	17	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-16	0.8429	0.4139	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17	1.143	0.5586	5	No	16	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-18	1.146	0.4551	5	No	15	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-19	1.303	0.7144	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-23A	1.166	0.7139	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-25	1.153	0.7191	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-33	0.9927	0.5548	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-7D	0.602	0.2385	5	No	17	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-14	0.11	0.056	4	No	18	61.11	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-15	0.1118	0.06926	4	No	18	33.33	Kaplan-Meier	In(x)	0.01	Param.
Fluoride (mg/L)	PZ-16	0.1	0.053	4	No	18	55.56	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-17	0.1225	0.05972	4	No	18	33.33	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-18	0.12	0.08	4	No	18	55.56	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-19	0.15	0.064	4	No	18	11.11	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-23A	0.13	0.057	4	No	18	38.89	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-25	0.2357	0.1499	4	No	18	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-33	0.15	0.082	4	No	18	55.56	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-7D	0.1	0.05	4	No	18	61.11	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-15	0.001	0.00005	0.015	No	17	94.12	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-16	0.001	0.000081	0.015	No	17	94.12	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-18	0.001	0.00043	0.015	No	17	88.24	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-19	0.001	0.000042	0.015	No	17	94.12	None	No	0.01	NP (NDs)

Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/24/2023, 2:28 PM

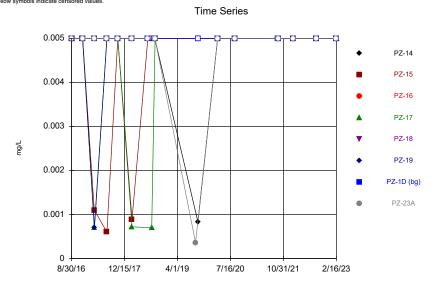
	Flatit Willor	ieli Ciletti. 3	outrern Comp	any Data	. IVIILCI I	CII ASII	rond CC	Tilled 3/24/2	.023, 2.20 FW		
Constituent	<u>Well</u>	Upper Lim.	Lower Lim.	Complian	ceSig.	N	%NDs	ND Adj.	Transform	<u>Alpha</u>	Method
Lead (mg/L)	PZ-23A	0.001	0.00015	0.015	No	17	82.35	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-33	0.001	0.00009	0.015	No	17	88.24	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-7D	0.001	0.000041	0.015	No	17	94.12	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-14	0.03	0.003	0.04	No	17	94.12	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-15	0.05	0.0012	0.04	No	17	29.41	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-17	0.0029	0.002	0.04	No	17	11.76	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-18	0.0033	0.0025	0.04	No	17	11.76	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-19	0.01434	0.0106	0.04	No	17	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-23A	0.03	0.001	0.04	No	17	70.59	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-25	0.006843	0.005588	0.04	No	17	0	None	x^2	0.01	Param.
Lithium (mg/L)	PZ-7D	0.0037	0.0023	0.04	No	17	5.882	None	No	0.01	NP (normality)
Mercury (mg/L)	PZ-14	0.0002	0.00015	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-15	0.0002	0.000097	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-16	0.0002	0.000068	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-17	0.0002	0.000086	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-18	0.0002	0.000057	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-19	0.0002	0.0001	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-23A	0.0002	0.00017	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-25	0.0002	0.000053	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-33	0.0002	0.00011	0.002	No	15	80	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-7D	0.0002	0.00006	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-14	0.01	0.0005	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-15	0.01	0.0004	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-16	0.01	0.0004	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-17	0.01	0.0004	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-19	0.0024	0.002	0.1	No	17	5.882	None	No	0.01	NP (normality)
Molybdenum (mg/L)	PZ-23A	0.01	0.0011	0.1	No	17	88.24	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-25	0.01	0.001	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-14	0.005	0.0015	0.05	No	17	88.24	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-15	0.005	0.0018	0.05	No	17	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-19	0.01	0.0031	0.05	No	17	41.18	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-23A	0.01	0.0018	0.05	No	17	41.18	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-7D	0.005	0.0018	0.05	No	17	64.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-14	0.001	0.00006	0.002	No	17	94.12	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-15	0.001	0.0002	0.002	No	17	64.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-16	0.001	0.00018	0.002	No	17	64.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-17	0.001	0.00025	0.002	No	17	47.06	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-18	0.001	0.000071	0.002	No	17	82.35	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-19	0.0006651	0.0004784	0.002	No	17	5.882	None	No	0.01	Param.
Thallium (mg/L)	PZ-23A	0.001	0.00017	0.002	No	17	47.06	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-25	0.001	0.00036	0.002	No	17	47.06	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-33	0.001	0.00015	0.002	No	17	70.59	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-7D	0.001	0.0001	0.002	No	17	70.59	None	No	0.01	NP (NDs)

FIGURE A.



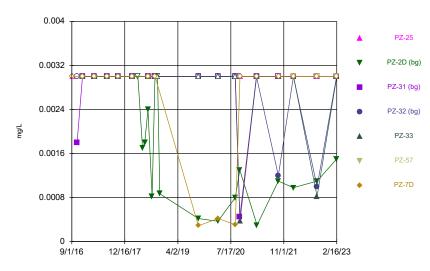
Constituent: Antimony Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



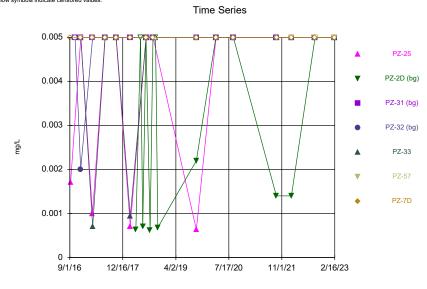
Constituent: Arsenic Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Time Series



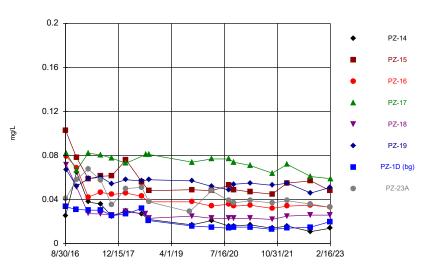
Constituent: Antimony Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



Constituent: Arsenic Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR





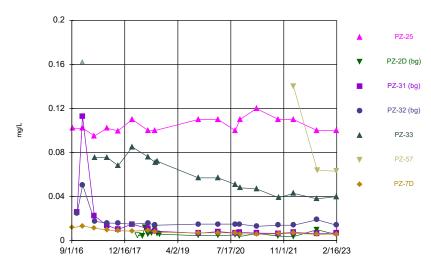
Constituent: Barium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.02 PZ-14 PZ-15 0.016 PZ-16 PZ-17 0.012 PZ-18 PZ-19 0.008 PZ-1D (bg) PZ-23A 0.004 8/30/16 12/15/17 4/1/19 7/16/20 10/31/21 2/16/23

Constituent: Beryllium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Time Series

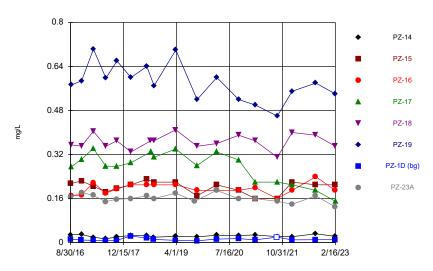


Constituent: Barium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.02 PZ-25 PZ-2D (bg) 0.016 PZ-31 (bg) 0.012 PZ-32 (bg) mg/L PZ-33 0.008 PZ-7D 0.004 9/1/16 12/16/17 4/2/19 7/17/20 11/1/21 2/16/23

Constituent: Beryllium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



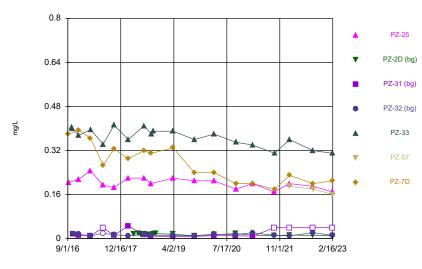
Constituent: Boron Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.003 PZ-14 PZ-15 0.0024 PZ-16 PZ-17 0.0018 PZ-18 PZ-19 0.0012 PZ-1D (bg) PZ-23A 0.0006 haa aala aa 8/30/16 12/15/17 4/1/19 7/16/20 10/31/21 2/16/23

Constituent: Cadmium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Time Series

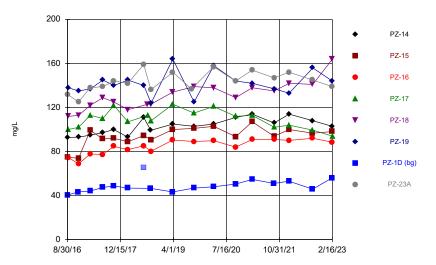


Constituent: Boron Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.003 PZ-25 PZ-2D (bg) 0.0024 PZ-31 (bg) 0.0018 PZ-32 (bg) PZ-33 0.0012 PZ-7D 0.0006 12/16/17 9/1/16 4/2/19 7/17/20 11/1/21 2/16/23

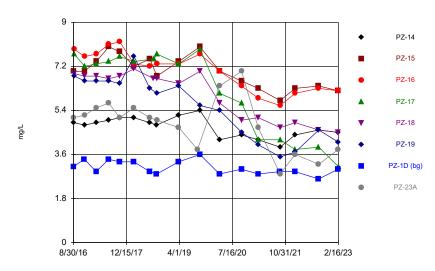
Constituent: Cadmium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Calcium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

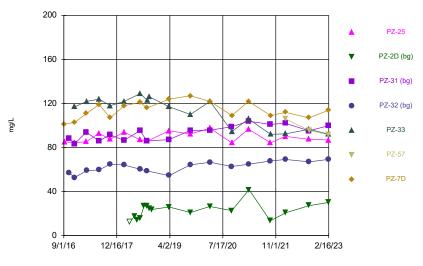
${\sf Sanitas^{\sf TM}} \ v. 9. 6.37 \ {\sf Sanitas} \ {\sf software} \ {\sf utilized} \ {\sf by} \ {\sf Groundwater} \ {\sf Stats} \ {\sf Consulting}. \ {\sf UG}$

Time Series



Constituent: Chloride Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

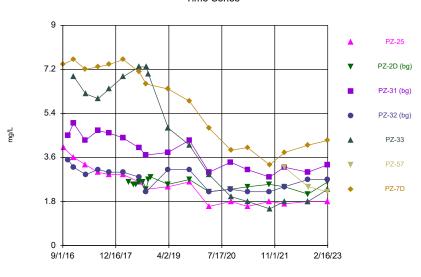
Time Series



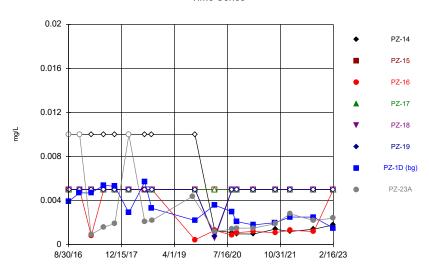
Constituent: Calcium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series



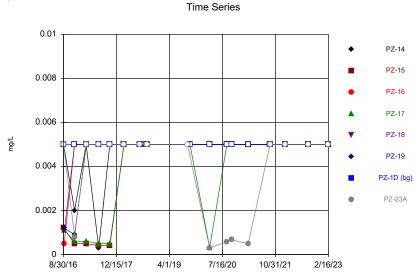
Constituent: Chloride Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Chromium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

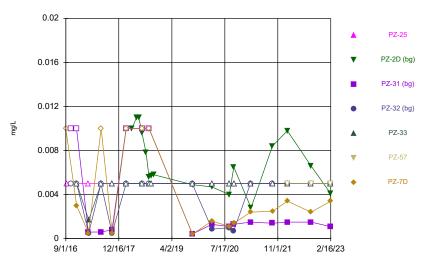
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Hollow symbols indicate censored values.



Constituent: Cobalt Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Time Series

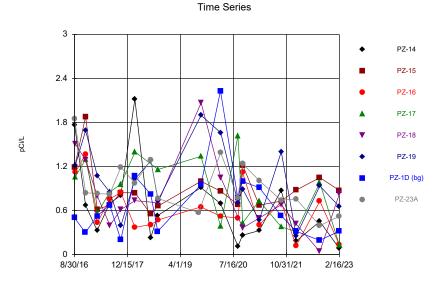


Constituent: Chromium Analysis Run 3/24/2023 1:41 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

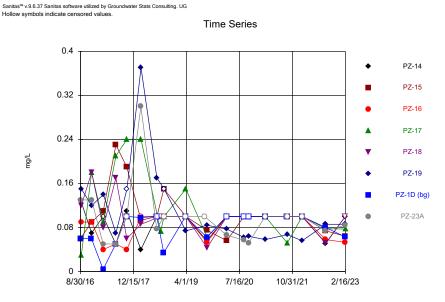
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.01 PZ-25 PZ-2D (bg) 0.008 PZ-31 (bg) 0.006 PZ-32 (bg) mg/L PZ-33 0.004 PZ-7D 0.002 9/1/16 12/16/17 4/2/19 7/17/20 11/1/21 2/16/23

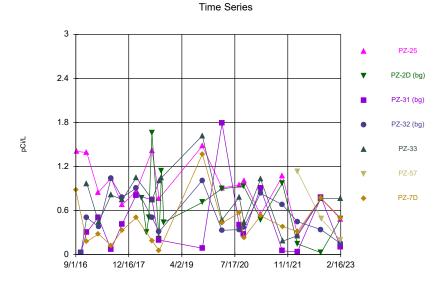
Constituent: Cobalt Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



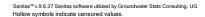
Constituent: Combined Radium 226 + 228 Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

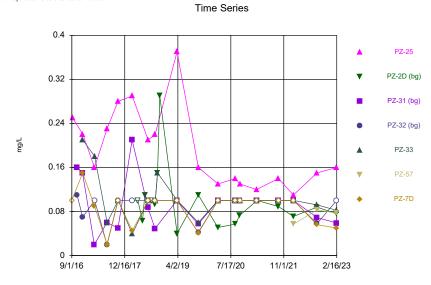


Constituent: Fluoride Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

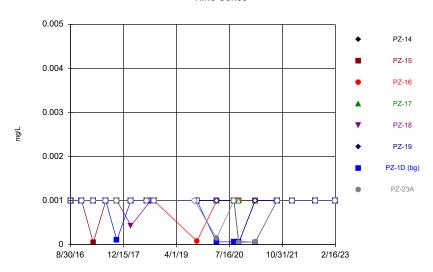


Constituent: Combined Radium 226 + 228 Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR





Constituent: Fluoride Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



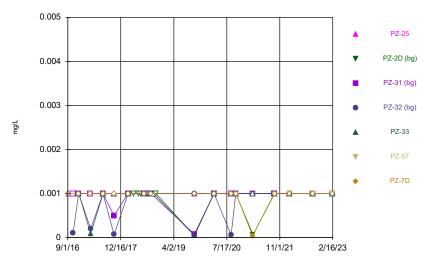
Constituent: Lead Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.3 PZ-14 PZ-15 0.24 PZ-16 PZ-17 0.18 PZ-18 PZ-19 0.12 PZ-1D (bg) PZ-23A 0.06 8/30/16 12/15/17 4/1/19 7/16/20 10/31/21 2/16/23

Constituent: Lithium Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Time Series

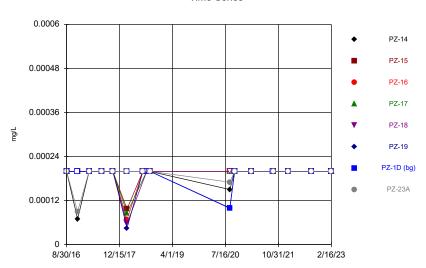


Constituent: Lead Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.3 PZ-25 PZ-2D (bg) 0.24 PZ-31 (bg) 0.18 PZ-32 (bg) mg/L PZ-33 0.12 PZ-7D 0.06 W 9/1/16 12/16/17 4/2/19 7/17/20 11/1/21 2/16/23

Constituent: Lithium Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



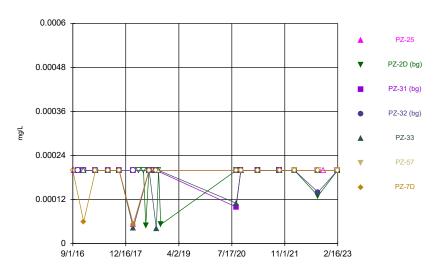
Constituent: Mercury Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series 0.01 PZ-14 PZ-15 0.008 PZ-16 PZ-17 0.006 PZ-18 PZ-19 0.004 PZ-1D (bg) PZ-23A 0.002 8/30/16 12/15/17 4/1/19 7/16/20 10/31/21 2/16/23

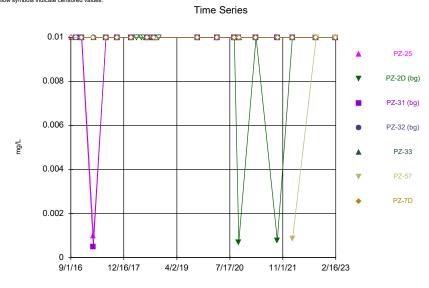
Constituent: Molybdenum Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



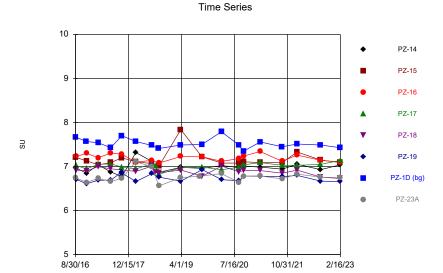


Constituent: Mercury Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

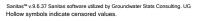
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

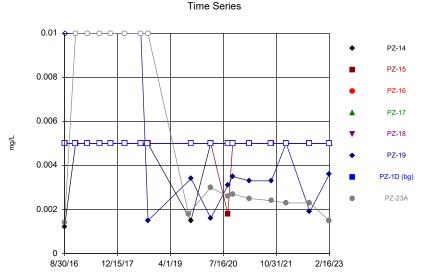


Constituent: Molybdenum Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

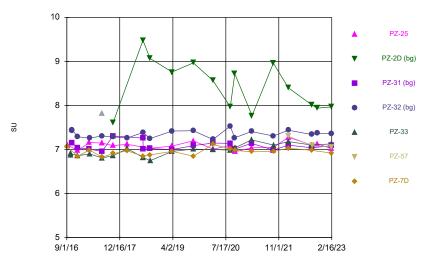


Constituent: pH Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



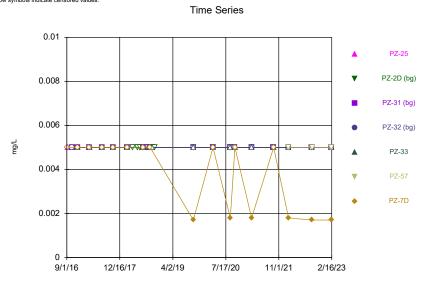


Constituent: Selenium Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



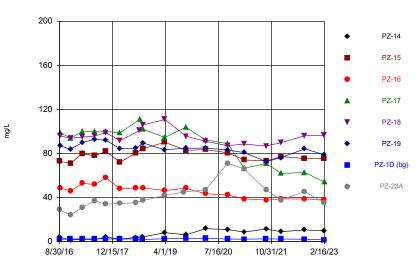
Constituent: pH Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



Constituent: Selenium Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR





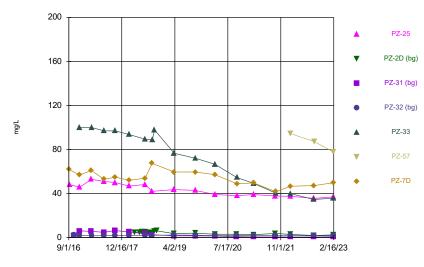
Constituent: Sulfate Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Time Series 600 PZ-14 PZ-15 480 PZ-16 PZ-17 360 PZ-18 PZ-19 240 PZ-1D (bg) PZ-23A 120 8/30/16 12/15/17 4/1/19 7/16/20 10/31/21 2/16/23

Constituent: TDS Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

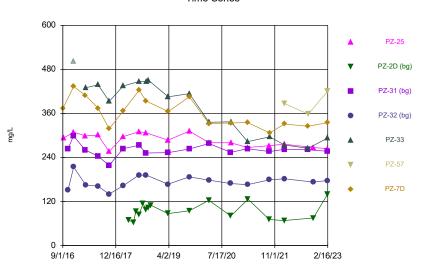
Time Series



Constituent: Sulfate Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

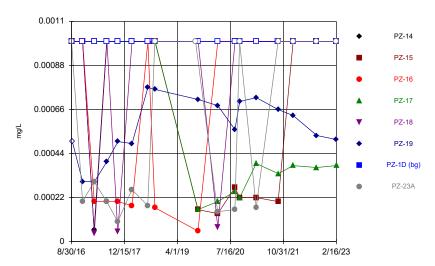
${\sf Sanitas^{\sf TM}} \ v. 9.6.37 \ {\sf Sanitas} \ {\sf software} \ {\sf utilized} \ {\sf by} \ {\sf Groundwater} \ {\sf Stats} \ {\sf Consulting}. \ {\sf UG}$

Time Series



Constituent: TDS Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

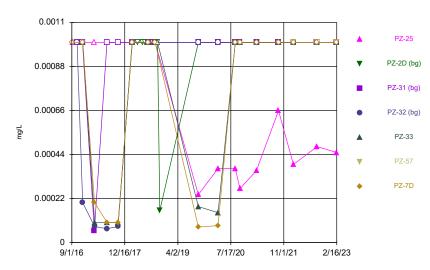
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values



Constituent: Thallium Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 3/24/2023 1:42 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Constituent: Antimony (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.0009 (J)	
8/31/2016	<0.003							<0.003
9/1/2016		0.001 (J)						
9/6/2016			<0.003					
9/7/2016				<0.003	<0.003	<0.003		
12/6/2016							<0.003	
12/7/2016	<0.003	<0.003	<0.003					<0.003
12/8/2016				<0.003	<0.003	<0.003		
3/21/2017	0.0004 (J)						0.0028 (J)	<0.003
3/22/2017		<0.003	<0.003	<0.003	<0.003			
3/23/2017						<0.003		
7/11/2017	<0.003		<0.003				0.0035	<0.003
7/12/2017		<0.003		<0.003	<0.003	<0.003		
10/17/2017							0.0025 (J)	
10/18/2017	<0.003	<0.003	<0.003	<0.003	<0.003			<0.003
10/19/2017						<0.003		
2/20/2018	<0.003						0.00094 (J)	<0.003
2/21/2018		<0.003	<0.003	<0.003	<0.003	<0.003		
7/11/2018	<0.003						0.0019 (J)	<0.003
7/12/2018		<0.003	<0.003			<0.003		
8/15/2018					<0.003			
8/16/2018				<0.003				
9/12/2018	<0.003						0.0019 (J)	
9/13/2018		<0.003	<0.003		<0.003	0.000		<0.003
9/14/2018				<0.003		<0.003		.0.000
9/10/2019							0.00076 ()()	<0.003
10/1/2019	-0.000	-0.000	-0.000	-0.000			0.00076 (X)	
10/2/2019	<0.003	<0.003	<0.003	<0.003	-0.000	0.00044 (00		
10/3/2019					<0.003	0.00044 (X)	0.00055 (1)	
3/24/2020 3/25/2020	<0.003			0.00004 (1)			0.00055 (J)	<0.003
3/26/2020	<0.003	<0.003	<0.003	0.00094 (J)	0.0018 (J)	<0.003		<0.003
8/25/2020		~0.003	~ 0.003		0.0018 (3)	~0.003	0.0012 (J)	
8/26/2020	<0.003	0.00062 (J)	0.00037 (J)	0.00061 (J)		<0.003	0.0012 (3)	0.00038 (J)
8/27/2020	~0.003	0.00002 (3)	0.00037 (3)	0.00001 (3)	<0.003	~0.003		0.00038 (3)
10/6/2020	<0.003		<0.003		-0.000		0.0021 (J)	<0.003
10/7/2020	-0.000	<0.003	-0.000	<0.003	0.0014 (J)	<0.003	0.0021 (0)	-0.000
3/3/2021	<0.003	0.000		0.000	0.0011(0)	<0.003	0.00093 (J)	0.0017 (J)
3/4/2021		<0.003	<0.003	0.00055 (J)	<0.003		(0)	(0)
9/14/2021							<0.003	
9/15/2021	<0.003	<0.003	<0.003					<0.003
9/16/2021				<0.003	<0.003	<0.003		
1/25/2022							<0.003	
1/26/2022	<0.003	<0.003	<0.003					<0.003
1/27/2022	-		-	<0.003	<0.003	<0.003		
8/24/2022							<0.003	
8/25/2022	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003		<0.003
2/14/2023	<0.003						<0.003	<0.003
2/15/2023		<0.003	<0.003		<0.003	<0.003		
2/16/2023				<0.003				

Constituent: Antimony (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.003
9/8/2016	<0.003						
10/18/2016			0.0018 (J)	<0.003			
12/6/2016			<0.003				
12/7/2016				<0.003			<0.003
12/8/2016	<0.003				<0.003		
3/21/2017			<0.003				
3/22/2017	<0.003						<0.003
3/23/2017				<0.003	<0.003		
7/11/2017	<0.003		<0.003	<0.003			
7/12/2017					<0.003		<0.003
10/17/2017			<0.003	<0.003			
10/18/2017	<0.003						
10/19/2017					<0.003		<0.003
2/20/2018			<0.003	<0.003			
2/21/2018	<0.003				<0.003		<0.003
4/12/2018		<0.003					
5/23/2018		0.0017 (J)					
6/13/2018		0.0018 (J)					
7/11/2018		0.0024 (J)	<0.003	<0.003			
7/12/2018	<0.003	. ,			<0.003		<0.003
8/17/2018		0.00082 (J)					
9/12/2018		<0.003	<0.003				
9/13/2018	<0.003			<0.003			<0.003
9/14/2018					<0.003		
10/4/2018		<0.003			<0.003		
10/24/2018		0.00087 (J)			0.000		
10/1/2019		(5)		<0.003			
10/2/2019	<0.003	0.00042 (X)	<0.003	0.000			
10/3/2019	0.000	0.000 12 (74)	0.000		<0.003		0.00029 (X)
3/24/2020		0.00037 (J)			10.000		0.00025 (71)
3/25/2020	<0.003	0.00007 (0)	<0.003	<0.003			
3/26/2020	10.003		10.000	10.000	<0.003		0.00042 (J)
8/25/2020			<0.003	<0.003	-0.003		0.00042 (3)
8/26/2020	<0.003	0.0008 (J)	~0.003	~ 0.003	<0.003		0.00031 (J)
10/6/2020	~0.003	0.0008 (J) 0.0013 (J)	0.00045 (J)	<0.003	~ 0.003		0.00031 (3)
10/7/2020	<0.003	0.0013 (3)	0.00045 (3)	<0.003	0.00027 (1)		<0.003
3/3/2021	<0.003		<0.003	<0.003	0.00037 (J)		<0.003
	<0.003		<0.003	<0.003	<0.003		<0.003
3/4/2021		0.0003 (1)			<0.003		<0.003
3/8/2021		0.0003 (J)		0.0012 (1)			
9/14/2021	<0.002	0.0011 (J)	<0.003	0.0012 (J)			
9/15/2021	<0.003		<0.003		-0.000		-0.000
9/16/2021		0.00000 (1)			<0.003		<0.003
1/25/2022	-0.000	0.00098 (J)	-0.000	-0.000			
1/26/2022	<0.003		<0.003	<0.003			
1/27/2022		0.0044 (1)	0.000	0.004 (1)	<0.003	<0.003	<0.003
8/24/2022	<0.003	0.0011 (J)	<0.003	0.001 (J)	0.00082 (J)		0.000
8/25/2022						0.000	<0.003
8/26/2022		0.004= ("	.0.000	.0.000		<0.003	
2/14/2023		0.0015 (J)	<0.003	<0.003			
2/15/2023	<0.003				0.005	0.000	<0.003
2/16/2023					<0.003	<0.003	

Constituent: Arsenic (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					. ,			
8/30/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg) <0.005	PZ-23A
8/31/2016	<0.005						10.003	<0.005
9/1/2016	-0.000	<0.005						-0.000
9/6/2016		10.000	<0.005					
9/7/2016			10.000	<0.005	<0.005	<0.005		
12/6/2016				10.003	10.000	10.000	<0.005	
12/7/2016	<0.005	<0.005	<0.005				-0.000	<0.005
12/8/2016	-0.000	10.000	-0.000	<0.005	<0.005	<0.005		-0.000
3/21/2017	<0.005			-0.000	10.000	10.000	<0.005	<0.005
3/22/2017	-0.000	0.0011 (J)	<0.005	0.0007 (J)	<0.005		-0.000	-0.000
3/23/2017		0.0011 (0)	0.000	0.0007 (0)	0.000	0.0007 (J)		
7/11/2017	<0.005		<0.005			0.0007 (0)	<0.005	<0.005
7/12/2017	0.000	0.0006 (J)	0.000	<0.005	<0.005	<0.005	0.000	0.000
10/17/2017		0.0000 (0)		0.000	0.000	0.000	<0.005	
10/18/2017	<0.005	<0.005	<0.005	<0.005	<0.005		0.000	<0.005
10/19/2017	0.000	0.000	0.000	0.000	0.000	<0.005		0.000
2/20/2018	<0.005					0.000	<0.005	<0.005
2/21/2018		0.00089 (J)	<0.005	0.00072 (J)	<0.005	<0.005		
7/11/2018	<0.005	(-)		(5)			<0.005	<0.005
7/12/2018		<0.005	<0.005			<0.005		
8/15/2018					<0.005			
8/16/2018				0.0007 (J)				
9/12/2018	<0.005			(-)			<0.005	
9/13/2018		<0.005	<0.005		<0.005			<0.005
9/14/2018				<0.005		<0.005		
9/10/2019								0.00036 (X)
10/1/2019							<0.005	,
10/2/2019	0.00083 (X)	<0.005	<0.005	<0.005				
10/3/2019					<0.005	<0.005		
3/24/2020							<0.005	
3/25/2020	<0.005			<0.005				<0.005
3/26/2020		<0.005	<0.005		<0.005	<0.005		
8/25/2020							<0.005	
8/26/2020	<0.005	<0.005	<0.005	<0.005		<0.005		<0.005
8/27/2020					<0.005			
9/14/2021							<0.005	
9/15/2021	<0.005	<0.005	<0.005					<0.005
9/16/2021				<0.005	<0.005	<0.005		
1/25/2022							<0.005	
1/26/2022	<0.005	<0.005	<0.005					<0.005
1/27/2022				<0.005	<0.005	<0.005		
8/24/2022							<0.005	
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
2/14/2023	<0.005						<0.005	<0.005
2/15/2023		<0.005	<0.005		<0.005	<0.005		
2/16/2023				<0.005				

Constituent: Arsenic (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					. ,		
	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.005
9/8/2016	0.0017 (J)						
10/18/2016			<0.005	<0.005			
12/6/2016			<0.005				
12/7/2016				0.002 (J)			<0.005
12/8/2016	<0.005				<0.005		
3/21/2017			<0.005				
3/22/2017	0.001 (J)						<0.005
3/23/2017				<0.005	0.0007 (J)		
7/11/2017	<0.005		<0.005	<0.005			
7/12/2017					<0.005		<0.005
10/17/2017			<0.005	<0.005			
10/18/2017	<0.005						
10/19/2017					<0.005		<0.005
2/20/2018			<0.005	<0.005			
2/21/2018	0.00071 (J)				0.00094 (J)		<0.005
4/12/2018		0.00064 (J)					
5/23/2018		<0.005					
6/13/2018		0.0007 (J)					
7/11/2018		<0.005	<0.005	<0.005			
7/12/2018	<0.005				<0.005		<0.005
8/17/2018		0.00062 (J)					
9/12/2018		<0.005	<0.005				
9/13/2018	<0.005			<0.005			<0.005
9/14/2018					<0.005		
10/4/2018		<0.005			<0.005		
10/24/2018		0.00068 (J)					
10/1/2019				<0.005			
10/2/2019	0.00063 (X)	0.0022 (X)	<0.005				
10/3/2019					<0.005		<0.005
3/24/2020		<0.005					
3/25/2020	<0.005		<0.005	<0.005			
3/26/2020					<0.005		<0.005
8/25/2020			<0.005	<0.005			
8/26/2020	<0.005	<0.005			<0.005		<0.005
9/14/2021		0.0014 (J)		<0.005			
9/15/2021	<0.005		<0.005				
9/16/2021					<0.005		<0.005
1/25/2022		0.0014 (J)					
1/26/2022	<0.005		<0.005	<0.005			
1/27/2022					<0.005	<0.005	<0.005
8/24/2022	<0.005	<0.005	<0.005	<0.005	<0.005		
8/25/2022							<0.005
8/26/2022						<0.005	
2/14/2023		<0.005	<0.005	<0.005			
2/15/2023	<0.005						<0.005
2/16/2023					<0.005	<0.005	

Constituent: Barium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

0/20/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016	0.0050						0.0335	0.0407
8/31/2016	0.0253	0.400						0.0407
9/1/2016		0.103	0.0704					
9/6/2016			0.0794					
9/7/2016				0.0823	0.0717	0.067	0.0044	
12/6/2016	0.005	0.0704	0.0000				0.0311	0.0501
12/7/2016	0.065	0.0781	0.0689	0.0000	0.0540	0.0500		0.0581
12/8/2016	0.0070			0.0668	0.0513	0.0522	0.0005	0.0070
3/21/2017	0.0379	0.0500	0.0400	0.0004	0.0070		0.0305	0.0678
3/22/2017		0.0589	0.0423	0.0821	0.0273	0.0504		
3/23/2017	0.000		0.0407			0.0591	0.0005	0.0574
7/11/2017	0.036	0.0010	0.0467	0.0005	0.0000	0.0004	0.0305	0.0574
7/12/2017		0.0613		0.0805	0.0269	0.0604	0.0055	
10/17/2017	0.0047	0.0017	0.0446	0.0770	0.0050		0.0255	0.0051
10/18/2017	0.0247	0.0617	0.0446	0.0776	0.0258	0.0540		0.0351
10/19/2017	0.00					0.0542	0.007	0.05
2/20/2018	0.03	0.070	0.046	0.070	0.000	0.050	0.027	0.05
2/21/2018	0.007	0.076	0.046	0.073	0.029	0.058	0.000	0.051
7/11/2018	0.027	0.050	0.040			0.057	0.032	0.051
7/12/2018		0.056	0.043		0.007	0.057		
8/15/2018				0.001	0.027			
8/16/2018	0.000			0.081			0.004	
9/12/2018	0.022	0.040	0.000		0.000		0.021	0.000
9/13/2018		0.048	0.038	0.001	0.023	0.050		0.038
9/14/2018				0.081		0.058		0.000
9/10/2019							0.016	0.029
10/1/2019	0.017	0.040	0.000	0.074			0.016	
10/2/2019	0.017	0.049	0.038	0.074	0.025	0.057		
10/3/2019					0.025	0.057	0.015	
3/24/2020 3/25/2020	0.021			0.077			0.015	0.048
	0.021	0.048	0.034	0.077	0.023	0.052		0.046
3/26/2020		0.046	0.034		0.023	0.052	0.014	
8/25/2020	0.016	0.053	0.026	0.077		0.040	0.014	0.039
8/26/2020 8/27/2020	0.016	0.053	0.036	0.077	0.023	0.049		0.039
	0.016		0.034		0.023		0.015	0.037
10/6/2020	0.016	0.049	0.034	0.074	0.022	0.054	0.015	0.037
10/7/2020 3/3/2021	0.017	0.049		0.074	0.023	0.055	0.015	0.039
3/4/2021	0.017	0.047	0.035	0.071	0.023	0.033	0.013	0.059
		0.047	0.033	0.071	0.023		0.013	
9/14/2021	0.014	0.045	0.032				0.013	0.037
9/15/2021 9/16/2021	0.014	0.045	0.032	0.064	0.022	0.053		0.037
1/25/2022				0.004	0.022	0.033	0.014	
1/26/2022	0.016	0.055	0.034				0.014	0.039
1/27/2022	0.016	0.055	0.034	0.072	0.025	0.055		0.008
8/24/2022				0.072	0.023	0.000	0.015	
8/25/2022	0.011	0.057	0.035	0.061	0.026	0.046	0.013	0.036
2/14/2023	0.011	0.037	0.033	0.001	0.020	0.040	0.02	0.036
2/14/2023	0.014	0.048	0.033		0.026	0.051	0.02	0.033
2/16/2023		0.040	0.033	0.059	0.020	0.001		
211012023				0.003				

Constituent: Barium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							0.0117
9/8/2016	0.102						
10/18/2016			0.0257	0.0248			
12/6/2016			0.113				
12/7/2016				0.0506			0.0133
12/8/2016	0.102				0.162 (o)		
3/21/2017			0.0226				
3/22/2017	0.0951						0.0114
3/23/2017				0.0175	0.0753		
7/11/2017	0.102		0.0139	0.0161			
7/12/2017					0.0756		0.0097 (J)
10/17/2017			0.0103	0.0158			
10/18/2017	0.0997						
10/19/2017					0.0681		0.0091 (J)
2/20/2018			0.015	0.015			
2/21/2018	0.11				0.085		0.0086 (J)
4/12/2018		<0.01					
5/23/2018		0.0042 (J)					
6/13/2018		0.012					
7/11/2018		0.0056 (J)	0.011	0.016			
7/12/2018	0.1				0.076		0.0093 (J)
8/17/2018		0.0069 (J)					
9/12/2018		0.011	0.0087 (J)				
9/13/2018	0.1			0.014			0.0078 (J)
9/14/2018					0.071		
10/4/2018		0.0066 (J)			0.072		
10/24/2018		0.0059 (J)					
10/1/2019				0.015			
10/2/2019	0.11	0.0046 (X)	0.0067 (X)				
10/3/2019					0.057		0.007 (X)
3/24/2020		0.0046 (J)					
3/25/2020	0.11		0.0082 (J)	0.015			
3/26/2020					0.057		0.0072 (J)
8/25/2020			0.0071 (J)	0.015			
8/26/2020	0.1	0.0051 (J)			0.051		0.007 (J)
10/6/2020		0.0039 (J)	0.0075 (J)	0.015			
10/7/2020	0.11				0.048		0.0061 (J)
3/3/2021	0.12		0.0069	0.013			
3/4/2021					0.047		0.0061
3/8/2021		0.0065					
9/14/2021		0.0041 (J)		0.014			
9/15/2021	0.11		0.0066				
9/16/2021					0.039		0.0062
1/25/2022		0.0037 (J)					
1/26/2022	0.11		0.0075	0.014			
1/27/2022					0.043	0.14	0.0068
8/24/2022	0.1	0.01	0.0063	0.019	0.038		0.05=5
8/25/2022						0.004	0.0058
8/26/2022		0.0055	0.0074	0.014		0.064	
2/14/2023	0.4	0.0055	0.0071	0.014			0.000
2/15/2023	0.1				0.04	0.063	0.006
2/16/2023					0.04	0.063	

Constituent: Beryllium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.0005	
8/31/2016	<0.0005							<0.0005
9/1/2016		<0.0005						
9/6/2016			<0.0005					
9/7/2016				<0.0005	<0.0005	<0.0005		
12/6/2016							<0.0005	
12/7/2016	<0.0005	<0.0005	<0.0005					<0.0005
12/8/2016				<0.0005	<0.0005	<0.0005		
3/21/2017	<0.0005						<0.0005	<0.0005
3/22/2017		<0.0005	<0.0005	<0.0005	<0.0005			
3/23/2017						<0.0005		
7/11/2017	<0.0005		<0.0005				<0.0005	<0.0005
7/12/2017		<0.0005		<0.0005	<0.0005	<0.0005		
10/17/2017							<0.0005	
10/18/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005
10/19/2017						<0.0005		
2/20/2018	<0.0005						<0.0005	<0.0005
2/21/2018		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
7/11/2018	<0.0005						<0.0005	<0.0005
7/12/2018		<0.0005	<0.0005			<0.0005		
8/15/2018					<0.0005			
8/16/2018				<0.0005				
9/12/2018	<0.0005						6.1E-05 (J)	
9/13/2018		<0.0005	<0.0005		<0.0005			<0.0005
9/14/2018				<0.0005		<0.0005		
8/25/2020							<0.0005	
8/26/2020	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005
8/27/2020					<0.0005			
9/14/2021							<0.0005	
9/15/2021	<0.0005	<0.0005	<0.0005					<0.0005
9/16/2021				<0.0005	<0.0005	<0.0005		
1/25/2022							<0.0005	
1/26/2022	<0.0005	<0.0005	<0.0005					<0.0005
1/27/2022				<0.0005	<0.0005	<0.0005		
8/24/2022							<0.0005	
8/25/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005
2/14/2023	<0.0005						<0.0005	<0.0005
2/15/2023		<0.0005	<0.0005		<0.0005	<0.0005		
2/16/2023				<0.0005				

Constituent: Beryllium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.0005
9/8/2016	<0.0005						
10/18/2016			<0.0005	<0.0005			
12/6/2016			<0.0005				
12/7/2016				<0.0005			<0.0005
12/8/2016	<0.0005				<0.0005		
3/21/2017			<0.0005				
3/22/2017	<0.0005						<0.0005
3/23/2017				<0.0005	<0.0005		
7/11/2017	<0.0005		<0.0005	<0.0005			
7/12/2017					<0.0005		<0.0005
10/17/2017			<0.0005	<0.0005			
10/18/2017	<0.0005						
10/19/2017					<0.0005		<0.0005
2/20/2018			<0.0005	<0.0005			
2/21/2018	<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			
7/12/2018	<0.0005				<0.0005		<0.0005
8/17/2018		<0.0005					
9/12/2018		<0.0005	<0.0005				
9/13/2018	<0.0005			<0.0005			<0.0005
9/14/2018					<0.0005		
10/4/2018		<0.0005			<0.0005		
10/24/2018		6E-05 (J)					
8/25/2020			<0.0005	<0.0005			
8/26/2020	<0.0005	<0.0005			<0.0005		<0.0005
9/14/2021		<0.0005		<0.0005			
9/15/2021	<0.0005		<0.0005				
9/16/2021					<0.0005		<0.0005
1/25/2022		<0.0005					
1/26/2022	<0.0005		<0.0005	<0.0005			
1/27/2022					<0.0005	<0.0005	<0.0005
8/24/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
8/25/2022							<0.0005
8/26/2022						<0.0005	
2/14/2023		<0.0005	<0.0005	<0.0005			
2/15/2023	<0.0005						<0.0005
2/16/2023					<0.0005	<0.0005	

Constituent: Boron (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

8/30/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg) 0.0132 (J)	PZ-23A
8/31/2016	0.0285 (J)						0.0102 (0)	0.166
9/1/2016	0.0200 (0)	0.215						0.100
9/6/2016		0.2.10	0.17					
9/7/2016			0	0.276	0.355	0.573		
12/6/2016				0.270	0.000	0.070	0.0096 (J)	
12/7/2016	0.0292 (J)	0.224	0.173				0.0000 (0)	0.182
12/8/2016	0.0202 (0)	0.224	0.170	0.303	0.351	0.588		0.102
3/21/2017	0.0198 (J)			0.000	0.001	0.000	0.0082 (J)	0.172
3/22/2017	0.0130 (0)	0.205	0.218	0.342	0.405		0.0002 (3)	0.172
3/23/2017		0.200	0.2.0	0.0.2	0.100	0.703		
7/11/2017	0.0137 (J)		0.18			0.700	0.0067 (J)	0.149
7/12/2017	0.0107 (0)	0.184	0.10	0.278	0.35	0.598	0.0007 (0)	0.140
10/17/2017		0.101		0.270	0.00	0.000	0.0083 (J)	
10/18/2017	0.0212 (J)	0.197	0.195	0.277	0.37		0.0000 (0)	0.158
10/19/2017	0.02.12 (0)	0.107	0.100	0.277	0.07	0.66		0.100
2/20/2018	0.026 (J)					0.00	0.024 (J)	0.16
2/21/2018	0.020 (0)	0.21	0.21	0.29	0.33	0.6	0.021(0)	0.10
7/11/2018	0.026 (J)	0.21	0.21	0.20	0.00	0.0	0.017 (J)	0.17
7/12/2018	0.020 (0)	0.23	0.21			0.64	0.017 (0)	0.17
8/15/2018		0.20	0.2.		0.37	0.0 .		
8/16/2018				0.33	0.07			
9/12/2018	0.02 (J)			0.00			0.012 (J)	
9/13/2018	0.02 (0)	0.22	0.21		0.37		0.012 (0)	0.16
9/14/2018		0.22	0.2.	0.31	0.07	0.57		0.10
3/26/2019				0.01		0.07	0.0082	
3/27/2019	0.023		0.21		0.41		0.0002	0.18
3/28/2019	0.020	0.22	0.2.	0.34		0.7		0.10
9/10/2019		0.22		0.0 .		0.7		0.15
10/1/2019							0.0064 (X)	0.10
10/2/2019	0.021 (X)	0.17	0.19	0.28			0.000 . (7.)	
10/3/2019	0.021 (74)	0.17	0.10	0.20	0.35	0.52		
3/24/2020							0.013 (J)	
3/25/2020	0.027 (J)			0.33			0.010 (0)	0.19
3/26/2020	0.027 (0)	0.21	0.19	0.00	0.36	0.6		0.10
10/6/2020	0.026 (J)	0.2.	0.19		0.00	0.0	0.015 (J)	0.16
10/7/2020	0.020 (0)	0.19	0.10	0.3	0.39	0.52	0.0.0	0.10
3/3/2021	0.028 (J)	0.10		0.0	0.00	0.5	0.01 (J)	0.16
3/4/2021	0.020 (0)	0.16	0.2	0.22	0.37	0.0	0.01 (0)	0.10
9/14/2021		0.10	0.2	0.22	0.07		<0.04	
9/15/2021	0.022 (J)	0.16	0.16				0.01	0.15
9/16/2021	0.022 (0)	0.10	0.10	0.22	0.31	0.46		0.10
1/25/2022				0.22	0.01	0.10	0.01 (J)	
1/26/2022	0.022 (J)	0.22	0.19				(-/	0.14
1/27/2022	(0)			0.21	0.4	0.55		
8/24/2022					- ·	- 	0.011 (J)	
8/25/2022	0.032 (J)	0.21	0.24	0.19 (J)	0.39	0.58	· · (-/	0.17 (J)
2/14/2023	0.032 (J)			(3)			0.011 (J)	0.13
2/15/2023		0.21	0.19		0.35	0.54	(0)	
2/16/2023			-	0.15		-		
				- · -				

Constituent: Boron (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

P1-25						, ,		
988/2016 0.204		PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
10/5/2016	9/1/2016							0.379
10110/2016	9/8/2016	0.204						
10182016	10/5/2016					0.404		
12/6/2016	10/10/2016					0.401		
127/2016	10/18/2016			0.0174 (J)	0.0156 (J)			
12/8/2016 0.216 0.0103 (J) 3/21/2017 0.247 0.365 0.365 3/22/2017 0.247 0.304 0.0103 (J) 0.396 0.365 3/22/2017 0.194 0.194 0.004 0.	12/6/2016			0.0133 (J)				
3/21/2017 0.247 0.365	12/7/2016				0.0157 (J)			0.394
3/22/2017 0.247	12/8/2016	0.216				0.375		
3/23/2017 0.194 0.04 0.0103 (J) 0.396	3/21/2017			0.0103 (J)				
7/11/2017 0.194 < 0.04	3/22/2017	0.247						0.365
7/12/2017	3/23/2017				0.0103 (J)	0.396		
10/17/2017 0.186 10/19/2017 0.186 10/19/2017 0.186 0.046 (J) 0.011 (J) 0.011 (J) 0.011 (J) 0.0202018 0.0202018 0.046 (J) 0.011 (J) 0.036 0.29 0.0202018 0.22 0.016 (J) 0.011 (J) 0.036 0.29 0.0202018 0.016 (J) 0.014 (J)	7/11/2017	0.194		<0.04	<0.04			
10/18/2017 0.186	7/12/2017					0.343		0.267
10/19/2017	10/17/2017			0.0116 (J)	0.0142 (J)			
2/20/2018	10/18/2017	0.186						
2/21/2018 0.22	10/19/2017					0.413		0.326
4/12/2018 0.016 (J) 1/12/2018 0.018 (J) 1/12/2018 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.014 (J) 0.015 (J) 0.015 (J) 0.015 (J) 0.018 (J) 0.0198 (J)	2/20/2018			0.046 (J)	0.011 (J)			
5/23/2018 0.018 (J)	2/21/2018	0.22				0.36		0.29
6/13/2018	4/12/2018		0.016 (J)					
7/11/2018 0.017 (J) 0.014 (J) 0.014 (J) 7/12/2018 0.22 0.015 (J) 9/12/2018 0.013 (J) 0.0098 (J) 9/13/2018 0.2 0.013 (J) 9/13/2018 0.2 0.013 (J) 9/14/2018 0.016 (J) 0.038 10/4/2018 0.016 (J) 0.39 10/24/2018 0.018 (J) 0.0076 3/26/2019 0.22 0.016 0.0076 3/28/2019 0.22 0.016 0.012 10/2/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.21 0.015 (J) 0.016 (J) 3/25/2020 0.21 0.015 (J) 0.016 (J) 3/26/2020 0.21 0.015 (J) 0.015 (J) 10/7/2020 0.18 0.018 (J) 0.011 (J) 0.015 (J) 3/4/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.0087 (J) 0.022 (J)	5/23/2018		0.018 (J)					
7/12/2018 0.22 0.015 (J) 0.032 0.015 (J) 0.012 0.013 (J) 0.0098 (J) 0.013 (J) 0.013 (J) 0.013 (J) 0.013 (J) 0.013 (J) 0.013 (J) 0.014 <	6/13/2018		0.014 (J)					
8/17/2018 0.015 (J) 9/12/2018 0.013 (J) 0.0098 (J) 9/13/2018 0.2 0.013 (J) 0.013 (J) 9/14/2018 0.016 (J) 0.39 10/24/2018 0.018 (J) 0.0076 3/26/2019 0.22 0.016 0.012 3/28/2019 0.22 0.016 0.012 3/28/2019 0.21 0.011 (X) 0.0084 (X) 10/2/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.21 0.015 (J) 0.011 (J) 3/25/2020 0.21 0.015 (J) 0.016 (J) 3/26/2020 0.21 0.018 (J) 0.011 (J) 10/7/2020 0.18 0.018 (J) 0.011 (J) 10/7/2020 0.18 0.0087 (J) 0.022 (J) 3/4/2021 0.0013 (J) 0.0087 (J) 0.022 (J)	7/11/2018		0.017 (J)	0.014 (J)	0.014 (J)			
9/12/2018 0.013 (J) 0.0098 (J) 9/13/2018 0.2 0.013 (J) 0.31 9/14/2018 0.016 (J) 0.39 0.39 10/24/2018 0.018 (J) 0.0076 3/26/2019 0.22 0.016 0.012 3/28/2019 0.22 0.016 0.012 3/28/2019 0.21 0.011 (X) 0.0084 (X) 10/2/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.21 0.015 (J) 0.011 (J) 3/25/2020 0.21 0.015 (J) 0.016 (J) 3/26/2020 0.21 0.018 (J) 0.011 (J) 10/7/2020 0.18 0.018 (J) 0.011 (J) 10/7/2020 0.18 0.0087 (J) 0.022 (J) 3/4/2021 0.0013 (J) 0.0087 (J) 0.0022 (J)	7/12/2018	0.22				0.41		0.32
9/13/2018	8/17/2018		0.015 (J)					
9/14/2018	9/12/2018		0.013 (J)	0.0098 (J)				
10/4/2018 0.016 (J) 0.0076 3/26/2019 0.016 0.0076 3/27/2019 0.22 0.016 0.012 3/28/2019 0.22 0.016 0.011 (X) 10/1/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.21 0.015 (J) 3/25/2020 0.21 0.015 (J) 3/25/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.21 0.018 (J) 0.011 (J) 0.015 (J) 10/6/2020 0.18 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J) 0.022 (J)	9/13/2018	0.2			0.013 (J)			0.31
10/24/2018 0.018 (J) 3/26/2019 0.22 0.016 0.012 3/28/2019 0.39 0.33 10/1/2019 0.21 0.011 (X) 0.0084 (X) 0.36 0.24 10/3/2019 0.21 0.015 (J) 0.011 (J) 0.016 (J) 0.38 0.24 3/25/2020 0.21 0.018 (J) 0.011 (J) 0.015 (J) 0.38 0.24 10/6/2020 0.18 0.018 (J) 0.011 (J) 0.015 (J) 0.35 0.2 3/3/2021 0.2 0.0087 (J) 0.022 (J) 0.34 0.2 3/8/2021 0.013 (J) 0.013 (J) 0.013 (J) 0.013 (J) 0.013 (J) 0.013 (J)	9/14/2018					0.38		
3/26/2019 0.22 0.016 0.012 3/28/2019 0.39 0.33 10/1/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.21 0.015 (J) 3/28/2020 0.21 0.015 (J) 3/25/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.21 0.018 (J) 0.011 (J) 0.015 (J) 10/6/2020 0.18 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J) 0.013 (J)	10/4/2018		0.016 (J)			0.39		
3/27/2019 0.22 0.016 0.012 0.39 0.33 0.11/2019 0.21 0.011 (X) 0.0084 (X) 0.36 0.24 0.36 0.24 0.015 (J) 0.015 (J) 0.015 (J) 0.018 (J) 0.011 (J) 0.015 (J) 0.015 (J) 0.022 (J) 0.21 0.0087 (J) 0.0087 (J) 0.022 (J) 0.014 (J) 0.014 (J) 0.015	10/24/2018		0.018 (J)					
3/28/2019	3/26/2019			0.0076				
10/1/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.36 0.24 3/24/2020 0.015 (J) 0.011 (J) 0.016 (J) 3/25/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.24 3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J)	3/27/2019	0.22	0.016		0.012			
10/2/2019 0.21 0.011 (X) 0.0084 (X) 10/3/2019 0.36 0.24 3/24/2020 0.015 (J) 0.011 (J) 0.016 (J) 3/25/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.2 3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J)	3/28/2019					0.39		0.33
10/3/2019 0.015 (J) 3/24/2020 0.015 (J) 3/25/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.24 3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J)	10/1/2019				0.011 (X)			
3/24/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.38 0.24 10/6/2020 0.18 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.2 0.013 (J)	10/2/2019	0.21	0.011 (X)	0.0084 (X)				
3/25/2020 0.21 0.011 (J) 0.016 (J) 3/26/2020 0.38 0.24 10/6/2020 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.35 0.2 3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J)	10/3/2019					0.36		0.24
3/26/2020 0.38 0.24 10/6/2020 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.35 0.2 3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J)	3/24/2020		0.015 (J)					
10/6/2020 0.018 (J) 0.011 (J) 0.015 (J) 10/7/2020 0.18 0.35 0.2 3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.34 0.2	3/25/2020	0.21		0.011 (J)	0.016 (J)			
10/7/2020 0.18 0.35 0.2 3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J)	3/26/2020					0.38		0.24
3/3/2021 0.2 0.0087 (J) 0.022 (J) 3/4/2021 0.013 (J) 0.013 (J)	10/6/2020		0.018 (J)	0.011 (J)	0.015 (J)			
3/4/2021 0.34 0.2 3/8/2021 0.013 (J)	10/7/2020	0.18				0.35		0.2
3/8/2021 0.013 (J)	3/3/2021	0.2		0.0087 (J)	0.022 (J)			
	3/4/2021					0.34		0.2
9/14/2021 0.011 (J) 0.012 (J)	3/8/2021		0.013 (J)					
	9/14/2021		0.011 (J)		0.012 (J)			
9/15/2021 0.17 <0.04	9/15/2021	0.17		<0.04				
9/16/2021 0.31 0.18	9/16/2021					0.31		0.18
1/25/2022 0.013 (J)			0.013 (J)					
1/26/2022 0.2 <0.04 0.01 (J)	1/26/2022	0.2		<0.04	0.01 (J)			
	1/27/2022					0.36	0.19	0.23
	8/24/2022	0.19	0.012 (J)	<0.04	0.022 (J)	0.32		
8/24/2022 0.19 0.012 (J) <0.04 0.022 (J) 0.32	8/25/2022							0.2
8/24/2022 0.19 0.012 (J) <0.04 0.022 (J) 0.32 8/25/2022 0.2	8/26/2022						0.18	
		∪.∠		\U.U4	U.U1 (J)	0.36	0.10	0.22
1/27/2022 0.36 0.19 0.23		0.19	0.012 (J)	<0.04	0.022 (J)			
	8/25/2022							0.2
8/24/2022 0.19 0.012 (J) <0.04 0.022 (J) 0.32	8/26/2022						0.18	
8/24/2022 0.19 0.012 (J) <0.04 0.022 (J) 0.32 8/25/2022 0.2								

Constituent: Boron (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
2/14/2023		0.01 (J)	<0.04	0.012 (J)			
2/15/2023	0.17						0.21
2/16/2023					0.31	0.16	

Constituent: Cadmium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.0005	
8/31/2016	<0.0005							0.0002 (J)
9/1/2016		<0.0005						
9/6/2016			<0.0005					
9/7/2016				<0.0005	<0.0005	<0.0005		
12/6/2016							<0.0005	
12/7/2016	<0.0005	<0.0005	<0.0005					0.0002 (J)
12/8/2016				<0.0005	<0.0005	<0.0005		
3/21/2017	<0.0005						<0.0005	<0.0005
3/22/2017		<0.0005	<0.0005	<0.0005	<0.0005			
3/23/2017						<0.0005		
7/11/2017	<0.0005		<0.0005				<0.0005	<0.0005
7/12/2017		<0.0005		<0.0005	<0.0005	<0.0005		
10/17/2017							<0.0005	
10/18/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005			<0.0005
10/19/2017						<0.0005		
2/20/2018	<0.0005						<0.0005	<0.0005
2/21/2018		<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
7/11/2018	<0.0005						<0.0005	<0.0005
7/12/2018		<0.0005	<0.0005			<0.0005		
8/15/2018					<0.0005			
8/16/2018				<0.0005				
9/12/2018	<0.0005						<0.0005	
9/13/2018		<0.0005	<0.0005		<0.0005			<0.0005
9/14/2018				<0.0005		<0.0005		
8/25/2020							<0.0005	
8/26/2020	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005		<0.0005
8/27/2020					<0.0005			
9/14/2021							<0.0005	
9/15/2021	<0.0005	<0.0005	<0.0005					<0.0005
9/16/2021				<0.0005	<0.0005	<0.0005		
1/25/2022							<0.0005	
1/26/2022	<0.0005	<0.0005	<0.0005					<0.0005
1/27/2022				<0.0005	<0.0005	<0.0005		
8/24/2022							<0.0005	
8/25/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		<0.0005
2/14/2023	<0.0005						<0.0005	<0.0005
2/15/2023		<0.0005	<0.0005		<0.0005	<0.0005		
2/16/2023				<0.0005				

Constituent: Cadmium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.0005
9/8/2016	<0.0005						
10/18/2016			<0.0005	<0.0005			
12/6/2016			<0.0005				
12/7/2016				<0.0005			<0.0005
12/8/2016	<0.0005				<0.0005		
3/21/2017			<0.0005				
3/22/2017	<0.0005						<0.0005
3/23/2017				<0.0005	0.0001 (J)		
7/11/2017	<0.0005		<0.0005	<0.0005			
7/12/2017					<0.0005		<0.0005
10/17/2017			<0.0005	<0.0005			
10/18/2017	<0.0005						
10/19/2017					<0.0005		<0.0005
2/20/2018			<0.0005	<0.0005			
2/21/2018	<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			
7/12/2018	<0.0005				<0.0005		<0.0005
8/17/2018		<0.0005					
9/12/2018		<0.0005	<0.0005				
9/13/2018	<0.0005			<0.0005			<0.0005
9/14/2018					<0.0005		
10/4/2018		<0.0005			<0.0005		
10/24/2018		<0.0005					
8/25/2020			<0.0005	<0.0005			
8/26/2020	<0.0005	<0.0005			<0.0005		<0.0005
9/14/2021		<0.0005		<0.0005			
9/15/2021	<0.0005		<0.0005				
9/16/2021					<0.0005		<0.0005
1/25/2022		<0.0005					
1/26/2022	<0.0005		<0.0005	<0.0005			
1/27/2022					<0.0005	<0.0005	<0.0005
8/24/2022	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005		
8/25/2022							<0.0005
8/26/2022						<0.0005	
2/14/2023		<0.0005	<0.0005	<0.0005			
2/15/2023	<0.0005						<0.0005
2/16/2023					<0.0005	<0.0005	

Constituent: Calcium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	D7 14	D7 15	D7 10	D7 47	D7 10	D7 10	D7 4D (b)	D7 004
0/20/2010	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016 8/31/2016	92.9						40.4	132
9/1/2016	92.9	74.8						132
9/6/2016		74.0	74.6					
			74.0	100	110	120		
9/7/2016				100	112	138	42.2	
12/6/2016	00.1	7.4	CO O				43.3	105
12/7/2016	93.1	74	68.9	100	110	105		125
12/8/2016	0.5			102	113	135		100
3/21/2017	95	00.2	77.0	110	100		44.1	138
3/22/2017		99.3	77.8	113	122	407		
3/23/2017	07.1		77.0			137	47.4	100
7/11/2017	97.1		77.3	440	100	445	47.4	139
7/12/2017		91.4		110	129	145		
10/17/2017							48.7	
10/18/2017	100	92	84.7	122	125			144
10/19/2017						140		
2/20/2018	93.1						46.8	142
2/21/2018		89	81.8	107	118	145		
7/11/2018	111						65.3 (o)	159
7/12/2018		94.5	85.2			140		
8/15/2018					123			
8/16/2018				113				
9/12/2018	99.3						46.6	
9/13/2018		90.8	80.2		123			136
9/14/2018				108		124		
3/26/2019							43.3	
3/27/2019	105		90.5		134			152
3/28/2019		100		123		164		
9/10/2019								137
10/1/2019							46.8	
10/2/2019	103	101	89.1	115				
10/3/2019					139	125		
3/24/2020							48	
3/25/2020	105			121				157
3/26/2020		103	89.8		138	158		
10/6/2020	111		84				50.5	144
10/7/2020		93.5		112	129	144		
3/3/2021	114					142	54.7	154
3/4/2021		107	90.9	113	138			
9/14/2021							51	
9/15/2021	106	94	91					147
9/16/2021				102	135	137		
1/25/2022							53.1	
1/26/2022	114	100	90.1					152
1/27/2022				104	142	133		
8/24/2022							45.8	
8/25/2022	108	96.7	92	99.5	141	156		145
2/14/2023	103						56.2	139
2/15/2023		98.1	88.5		164 (M1)	144		
2/16/2023				94.1				

Constituent: Calcium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					,		
	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							101
9/8/2016	85.2						
10/18/2016			88.3	57.2			
12/6/2016			83.4				
12/7/2016				52.8			103
12/8/2016	84.5				117		
3/21/2017			94				
3/22/2017	85.3						111
3/23/2017				59.1	122		
7/11/2017	93		86	59.7			
7/12/2017					124		119
10/17/2017			91.6	64.9			- -
10/18/2017	87.6		JJ	·			
10/19/2017	57.5				118		107
2/20/2018			86.5	64.1	. 10		107
2/21/2018	93.9		00.0	O 7 . 1	122		118
4/12/2018	33.3	<25			122		110
5/23/2018		17.6 (J)					
6/13/2018		14.3	0F 4	60.4			
7/11/2018	07.4	15.6	95.4	60.4	100		404
7/12/2018	87.1				129		121
8/17/2018		27					
9/12/2018		26.9	86				
9/13/2018	85.8			58.7			116
9/14/2018					123		
10/4/2018		25			126		
10/24/2018		23.8					
3/26/2019			87.3				
3/27/2019	95.2	26.1		54.6			
3/28/2019					117		124
10/1/2019				64.3			
10/2/2019	92.3	21	95.5				
10/3/2019					110		127
3/24/2020		26.5					
3/25/2020	97.5		95.8	66.6			
3/26/2020					122		122
10/6/2020		22.7	98.8	62.8			
10/7/2020	84.2				94.7		109
3/3/2021	96.8		104	64.8 (M1)			
3/4/2021					106		122
3/8/2021		41.7					
9/14/2021		13.4		67.8			
9/15/2021	84.4		101				
9/16/2021	-		-		92		109
1/25/2022		20.7					
1/26/2022	90.2	20.7	102	69.2			
1/27/2022	JU.2		102	00.2	92.5	106	112
	97.6	27.2	QE 2	67 1		100	112
8/24/2022	87.6	27.3	95.2	67.1	96.5		107
8/25/2022						05.5	107
8/26/2022			00.5	00.5		95.5	
2/14/2023		30.2	99.9	69.3			
2/15/2023	86.9						114

Page 2

Time Series

Constituent: Calcium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

PZ-25 PZ-2D (bg) PZ-31 (bg) PZ-32 (bg) PZ-33 PZ-57 PZ-7D 2/16/2023 PZ-95 PZ-31 (bg) PZ-32 (bg) PZ-32 (bg) PZ-32 (bg) PZ-33 PZ-57 PZ-7D

Constituent: Chloride (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							3.1	
8/31/2016	4.9							5.1
9/1/2016		7						
9/6/2016			7.9					
9/7/2016				7.7	6.9	6.8		
12/6/2016							3.4	
12/7/2016	4.8	7	7.6					5.2
12/8/2016				7.2	6.8	6.6		
3/21/2017	4.9						2.9	5.5
3/22/2017		7.4	7.7	7.3	6.8			
3/23/2017						6.6		
7/11/2017	5		8.1				3.4	5.7
7/12/2017		8		7.4	6.7	6.6		
10/17/2017							3.3	
10/18/2017	5.1	7.8	8.2	7.6	6.8			5.1
10/19/2017						6.5		
2/20/2018	5.1						3.3	5.5
2/21/2018		7.2	7.3	7.4	7.1	7.6		
7/11/2018	4.9						2.9	5.1
7/12/2018		7.5	7.2			6.3		
8/15/2018					6.7			
8/16/2018				7.5				
9/12/2018	4.8						2.8	
9/13/2018		6.8	7.3		6.7			5
9/14/2018				7.7		6.1		
3/26/2019							3.3	
3/27/2019	5.2		7.3		6.5			4.7
3/28/2019		7.4		7.3		6.4		
9/10/2019								3.8
10/1/2019							3.6	
10/2/2019	5.4	8	7.7	7.9				
10/3/2019					7	5.6		
3/24/2020							2.8	
3/25/2020	4.2			6.1				6.4
3/26/2020		7	7		5.7	5.4		
10/6/2020	4.4		6.4				3	7
10/7/2020		6.6		5.7	5	4.5		
3/3/2021	4.2					4	2.8	4.7
3/4/2021		6.3	5.9	4.2	5.1			
9/14/2021							2.9	
9/15/2021	3.9	5.8	5.6					2.8
9/16/2021				4.2	4.7	3.5		
1/25/2022							2.9	
1/26/2022	4.4	6.3	6.1					3.6
1/27/2022				3.8	4.9	3.7		
8/24/2022							2.6	
8/25/2022	4.6	6.4	6.3	3.9	4.6	4.6		3.2
2/14/2023	4.5						3	3.8
2/15/2023		6.2	6.2		4.5	4.1		
2/16/2023				3.1				

Constituent: Chloride (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							7.4
9/8/2016	4						
10/18/2016			4.5	3.5			
12/6/2016			5				
12/7/2016				3.2			7.6
12/8/2016	3.6				6.9		
3/21/2017			4.3				
3/22/2017	3.3						7.2
3/23/2017				2.9	6.2		
7/11/2017	3		4.7	3.1			
7/12/2017					6		7.3
10/17/2017			4.6	3			
10/18/2017	2.9						
10/19/2017					6.4		7.4
2/20/2018			4.4	3			
2/21/2018	2.9				6.9		7.6
4/12/2018		2.6					
5/23/2018		2.5					
6/13/2018		2.5					
7/11/2018		2.6	4	2.8			
7/12/2018	2.6				7.3		7.1
8/17/2018		2.6					
9/12/2018		2.3	3.7				
9/13/2018	2.3			2.2			6.6
9/14/2018					7.3		
10/4/2018		2.7			7		
10/24/2018		2.8					
3/26/2019			3.8				
3/27/2019	2.4	2.5		3.1			
3/28/2019					4.8		6.4
10/1/2019				3.1			
10/2/2019	2.6	2.7	4.3				
10/3/2019					4.1		5.9
3/24/2020		2.2					
3/25/2020	1.6		3	2.2			
3/26/2020					2.9		4.8
10/6/2020		2.3	3.4	2.3			
10/7/2020	1.8				2		3.9
3/3/2021	1.6		3.1	2.2			
3/4/2021					1.8		4
3/8/2021		2.4					
9/14/2021		2.5		2.2			
9/15/2021	1.8		2.8				
9/16/2021					1.5		3.3
1/25/2022		2.4					
1/26/2022	1.7		3.2	2.4			
1/27/2022					1.8	3.2	3.8
8/24/2022	1.8	2.1	3	2.7	1.8		
8/25/2022							4.1
8/26/2022						2.4	
2/14/2023		2.6	3.3	2.7			
2/15/2023	1.8						4.3

Page 2

Time Series

Constituent: Chloride (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

PZ-25 PZ-2D (bg) PZ-31 (bg) PZ-32 (bg) PZ-33 PZ-57 PZ-7D 2/16/2023 2.3 2.2

Constituent: Chromium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.0039 (J)	
8/31/2016	<0.01							<0.01
9/1/2016		<0.005						
9/6/2016			<0.005					
9/7/2016				<0.005	<0.005	<0.005		
12/6/2016							0.0047 (J)	
12/7/2016	<0.01	<0.005	<0.005					<0.01
12/8/2016				<0.005	<0.005	<0.005		
3/21/2017	<0.01						0.0047 (J)	0.0009 (J)
3/22/2017		<0.005	0.0008 (J)	<0.005	<0.005			
3/23/2017						<0.005		
7/11/2017	<0.01		<0.005				0.0054 (J)	0.0016 (J)
7/12/2017		<0.005		<0.005	<0.005	<0.005		
10/17/2017							0.0053 (J)	
10/18/2017	<0.01	<0.005	<0.005	<0.005	<0.005			0.0019 (J)
10/19/2017						<0.005		
2/20/2018	<0.01						0.0029 (J)	<0.01
2/21/2018		<0.005	<0.005	<0.005	<0.005	<0.005		
7/11/2018	<0.01						0.0057 (J)	0.0021 (J)
7/12/2018		<0.005	<0.005			<0.005		
8/15/2018					<0.005			
8/16/2018				<0.005				
9/12/2018	<0.01						0.0033 (J)	
9/13/2018		<0.005	<0.005		<0.005			0.0022 (J)
9/14/2018				<0.005		<0.005		
9/10/2019								0.0044 (X)
10/1/2019							0.0022 (X)	
10/2/2019	<0.01	<0.005	0.00044 (X)	<0.005				
10/3/2019					<0.005	<0.005		
3/24/2020							0.0036 (J)	
3/25/2020	0.0013 (J)			<0.005				0.0012 (J)
3/26/2020		<0.005	0.0013 (J)		0.00056 (J)	0.00073 (J)		
8/25/2020							0.003 (J)	
8/26/2020	0.0011 (J)	<0.005	0.00087 (J)	<0.005		<0.005		0.0014 (J)
8/27/2020					<0.005			
10/6/2020	0.00098 (J)		0.0011 (J)				0.0021 (J)	0.0015 (J)
10/7/2020		<0.005		<0.005	<0.005	<0.005		
3/3/2021	0.00097 (J)					<0.005	0.0018 (J)	0.0015 (J)
3/4/2021		<0.005	0.0012 (J)	<0.005	<0.005			
9/14/2021							0.002 (J)	
9/15/2021	0.0014 (J)	<0.005	0.0011 (J)					0.0019 (J)
9/16/2021				<0.005	<0.005	<0.005		
1/25/2022							0.0025 (J)	
1/26/2022	0.0012 (J)	<0.005	0.0013 (J)					0.0028 (J)
1/27/2022				<0.005	<0.005	<0.005		
8/24/2022							0.0025 (J)	
8/25/2022	0.0014 (J)	<0.005	0.0012 (J)	<0.005	<0.005	<0.005		0.0022 (J)
2/14/2023	0.0018 (J)						0.0015 (J)	0.0024 (J)
2/15/2023		<0.005	<0.005		<0.005	<0.005		
2/16/2023				<0.005				

Constituent: Chromium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.01
9/8/2016	<0.005						
10/18/2016			<0.01	<0.005			
12/6/2016			<0.01				
12/7/2016				<0.005			0.003 (J)
12/8/2016	<0.005				<0.005		
3/21/2017			0.0006 (J)				
3/22/2017	<0.005						0.0005 (J)
3/23/2017				0.0005 (J)	0.0017 (J)		
7/11/2017	<0.005		0.0006 (J)	<0.005			
7/12/2017					<0.005		<0.01
10/17/2017			0.0008 (J)	0.0005 (J)			
10/18/2017	<0.005						
10/19/2017					<0.005		0.0005 (J)
2/20/2018			<0.01	<0.005			
2/21/2018	<0.005				<0.005		<0.01
4/12/2018		0.01					
5/23/2018		0.011					
6/13/2018		0.011					
7/11/2018		0.0096 (J)	<0.01	<0.005			
7/12/2018	<0.005				<0.005		<0.01
8/17/2018		0.0078 (J)					
9/12/2018		0.0056 (J)	<0.01				
9/13/2018	<0.005			<0.005			<0.01
9/14/2018					<0.005		
10/4/2018		0.0057 (J)			<0.005		
10/24/2018		0.0058 (J)					
10/1/2019				<0.005			
10/2/2019	<0.005	0.0049 (X)	0.00043 (X)				
10/3/2019					<0.005		0.0004 (X)
3/24/2020		0.0047 (J)					
3/25/2020	<0.005		0.0013 (J)	0.00086 (J)			
3/26/2020					<0.005		0.0016 (J)
8/25/2020			0.0011 (J)	0.001 (J)			
8/26/2020	<0.005	0.004 (J)			<0.005		0.0011 (J)
10/6/2020		0.0065 (J)	0.0013 (J)	0.00072 (J)			
10/7/2020	<0.005				<0.005		0.0014 (J)
3/3/2021	<0.005		0.0015 (J)	<0.005			
3/4/2021					<0.005		0.0024 (J)
3/8/2021		0.0028 (J)					
9/14/2021		0.0084		<0.005			
9/15/2021	<0.005		0.0014 (J)				
9/16/2021					<0.005		0.0025 (J)
1/25/2022		0.0098					
1/26/2022	<0.005		0.0015 (J)	<0.005			
1/27/2022					<0.005	<0.005	0.0034 (J)
8/24/2022	<0.005	0.0066	0.0015 (J)	<0.005	<0.005		
8/25/2022							0.0024 (J)
8/26/2022						<0.005	
2/14/2023		0.0041 (J)	0.0011 (J)	<0.005			
2/15/2023	<0.005						0.0034 (J)
2/16/2023					<0.005	<0.005	

Constituent: Cobalt (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					,			
8/30/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg) <0.005	PZ-23A
8/31/2016	<0.005						<0.005	<0.005
9/1/2016	<0.005	0.0012 (1)						<0.005
9/6/2016		0.0012 (J)	0.0005 (1)					
			0.0005 (J)	0.0011 (1)	0.0011 (1)	0.0010 (1)		
9/7/2016				0.0011 (J)	0.0011 (J)	0.0012 (J)	-0.005	
12/6/2016	0.002 (1)	0.0005 (1)	<0.00E				<0.005	0.0008 (1)
12/7/2016	0.002 (J)	0.0005 (J)	<0.005	0.0000 (1)	-0.005	0.0000 (1)		0.0008 (J)
12/8/2016	-0.005			0.0006 (J)	<0.005	0.0009 (J)	-0.005	-0.005
3/21/2017	<0.005	0.0005 (1)	-0.005	0.0000 (1)	-0.005		<0.005	<0.005
3/22/2017		0.0005 (J)	<0.005	0.0006 (J)	<0.005	-0.005		
3/23/2017	0.0000 (1)					<0.005	0.005	.0.005
7/11/2017	0.0003 (J)	0.000470	<0.005	0.0005 (1)	.0.005	.0.005	<0.005	<0.005
7/12/2017		0.0004 (J)		0.0005 (J)	<0.005	<0.005	.0.005	
10/17/2017							<0.005	
10/18/2017	<0.005	0.0004 (J)	<0.005	0.0005 (J)	<0.005			<0.005
10/19/2017	.0.005					<0.005	0.005	.0.005
2/20/2018	<0.005						<0.005	<0.005
2/21/2018		<0.005	<0.005	<0.005	<0.005	<0.005		
7/11/2018	<0.005						<0.005	<0.005
7/12/2018		<0.005	<0.005			<0.005		
8/15/2018					<0.005			
8/16/2018				<0.005				
9/12/2018	<0.005						<0.005	
9/13/2018		<0.005	<0.005		<0.005			<0.005
9/14/2018				<0.005		<0.005		
9/10/2019								<0.005
10/1/2019							<0.005	
10/2/2019	<0.005	<0.005	<0.005	<0.005				
10/3/2019					<0.005	<0.005		
3/24/2020							<0.005	
3/25/2020	<0.005			0.00032 (J)				0.0003 (J)
3/26/2020		<0.005	<0.005		<0.005	<0.005		
8/25/2020							<0.005	
8/26/2020	<0.005	<0.005	<0.005	<0.005		<0.005		0.00058 (J)
8/27/2020					<0.005			
10/6/2020	<0.005		<0.005				<0.005	0.00067 (J)
10/7/2020		<0.005		<0.005	<0.005	<0.005		
3/3/2021	<0.005					<0.005	<0.005	0.00049 (J)
3/4/2021		<0.005	<0.005	<0.005	<0.005			
9/14/2021							<0.005	
9/15/2021	<0.005	<0.005	<0.005					<0.005
9/16/2021				<0.005	<0.005	<0.005		
1/25/2022							<0.005	
1/26/2022	<0.005	<0.005	<0.005					<0.005
1/27/2022				<0.005	<0.005	<0.005		
8/24/2022							<0.005	
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005
2/14/2023	<0.005						<0.005	<0.005
2/15/2023		<0.005	<0.005		<0.005	<0.005		
2/16/2023				<0.005				

Constituent: Cobalt (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.005
9/8/2016	0.0008 (J)						
10/18/2016			<0.005	<0.005			
12/6/2016			0.0018 (J)				
12/7/2016	.0.04			0.0015 (J)	0.0044 (1)		<0.005
12/8/2016	<0.01				0.0041 (J)		
3/21/2017			<0.005				
3/22/2017	0.001 (J)						<0.005
3/23/2017				<0.005	0.0008 (J)		
7/11/2017	0.001 (J)		<0.005	<0.005			
7/12/2017					0.0007 (J)		<0.005
10/17/2017			<0.005	<0.005			
10/18/2017	0.0011 (J)						
10/19/2017					0.0005 (J)		<0.005
2/20/2018			<0.005	<0.005			
2/21/2018	0.00075 (J)				0.0012 (J)		<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			
7/12/2018	0.0008 (J)				0.00053 (J)		<0.005
8/17/2018		<0.005					
9/12/2018		<0.005	<0.005				
9/13/2018	0.001 (J)			<0.005			<0.005
9/14/2018					<0.005		
10/4/2018		<0.005			<0.005		
10/24/2018		<0.005		.0.005			
10/1/2019	0.0047.00	.0.005	0.005	<0.005			
10/2/2019	0.0017 (X)	<0.005	<0.005		.0.005		.0.005
10/3/2019		10.005			<0.005		<0.005
3/24/2020	0.0040 (1)	<0.005	-0.005	-0.005			
3/25/2020	0.0018 (J)		<0.005	<0.005	10.005		-0.005
3/26/2020			-0.005	-0.005	<0.005		<0.005
8/25/2020	0.0016 (1)	<0.00E	<0.005	<0.005	<0.00E		<0.00E
8/26/2020	0.0016 (J)	<0.005	-0.005	-0.005	<0.005		<0.005
10/6/2020	0.001471	<0.005	<0.005	<0.005	10.005		-0.005
10/7/2020 3/3/2021	0.0014 (J)		<0.00E	<0.00E	<0.005		<0.005
3/4/2021	0.0016 (J)		<0.005	<0.005	<0.005		<0.005
3/8/2021		<0.005			<0.005		<0.005
9/14/2021		<0.005		<0.005			
9/15/2021	0.002 (J)	<0.005	<0.005	<0.005			
9/16/2021	0.002 (3)		~0.003		<0.005		<0.005
1/25/2022		<0.005			<0.005		<0.005
	0.0016 (1)	<0.005	<0.005	<0.005			
1/26/2022 1/27/2022	0.0016 (J)		~0.00 0	~ 0.000	<0.005	0.0043 (J)	<0.005
	0.0016 (!)	<0.005	<0.005	<0.005	<0.005	0.0043 (J)	~0.003
8/24/2022 8/25/2022	0.0016 (J)	~U.UU3	~U.UU3	~U.UUO	~ 0.005		<0.005
8/25/2022						0.0012 (J)	~0.003
2/14/2023		<0.005	<0.005	<0.005		0.0012 (3)	
2/15/2023	0.0012 (J)	~U.UU3	~0.00 0	~ 0.000			<0.005
2/16/2023	0.0012 (0)				<0.005	0.00051 (J)	~0.000
2,10,2023					-0.000	0.00001 (0)	

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					. ,			
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							0.503 (U)	
8/31/2016	1.77							1.85
9/1/2016		1.19						
9/6/2016			1.12					
9/7/2016				1.06 (U)	1.51	1.22		
12/6/2016							0.302 (U)	
12/7/2016	0.672 (U)	1.88	1.37					0.844 (U)
12/8/2016				1.3	1.29	1.69		
3/21/2017	0.33 (U)						0.526 (U)	0.832 (U)
3/22/2017		0.617 (U)	0.435 (U)	0.566 (U)	0.799 (U)			
3/23/2017						1.07		
7/11/2017	0.701 (U)		0.76 (U)				0.676 (U)	0.824 (U)
7/12/2017		0.674 (U)		0.856 (U)	0.4 (U)	0.849 (U)		
10/17/2017							0.201 (U)	
10/18/2017	0.808 (U)	0.844 (U)	0.847 (U)	0.957	0.613 (U)			1.19
10/19/2017						0.398 (U)		
2/20/2018	2.12						1.07 (U)	0.975 (U)
2/21/2018		0.842 (U)	0.373 (U)	1.4	0.736 (U)	1.03 (U)		
7/11/2018	0.232 (U)						0.825 (U)	1.29
7/12/2018		0.552 (U)	0.408 (U)			1.28 (U)		
9/12/2018	0.532 (U)						0.317 (U)	
9/13/2018		0.662 (U)	0.472 (U)		0.708 (U)			0.765 (U)
9/14/2018				1.16		0.74 (U)		
9/10/2019								0.575 (U)
10/1/2019							0.953 (U)	
10/2/2019	0.915 (U)	1 (U)	0.65 (U)	1.34 (U)				
10/3/2019					2.07	1.9		
3/24/2020							2.23	
3/25/2020	0.694 (U)			0.385 (U)				1.39
3/26/2020		0.863 (U)	0.522 (U)		1.05	1.66		
8/25/2020							0.777 (U)	
8/26/2020	0.115 (U)	0.681 (U)	0.499 (U)	1.62		0.703 (U)		0.774 (U)
10/6/2020	0.265 (U)		1.12 (U)				0.996 (U)	1.24 (U)
10/7/2020		1.22 (U)		0.432 (U)	0.365 (U)	0.893		
3/3/2021	0.328 (U)					0.469 (U)	0.915 (U)	1.01 (U)
3/4/2021		0.674 (U)	0.404 (U)	0.734 (U)	0.498 (U)			
9/14/2021							0.532 (U)	
9/15/2021	0.872 (U)	0.729 (U)	0.721 (U)					0.742 (U)
9/16/2021				0.377 (U)	0.681 (U)	1.4		
1/25/2022							0.32 (U)	
1/26/2022	0.185 (U)	0.879 (U)	0.117 (U)					0.76 (U)
1/27/2022				0.314 (U)	0.418 (U)	0.255 (U)		
8/24/2022							0.196 (U)	
8/25/2022	0.453 (U)	1.05	0.728 (U)	0.98 (U)	0.0434 (U)	0.937		0.396 (U)
2/14/2023	0.0857 (U)	0.075 (1)	0.407.415		0.000	0.050.415	0.319 (U)	0.521 (U)
2/15/2023		0.875 (U)	0.137 (U)	0.400 (1)	0.828	0.652 (U)		
2/16/2023				0.129 (U)				

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					, , .			
	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D	
9/1/2016							0.88 (U)	
9/8/2016	1.41							
10/18/2016			0.0311 (U)	0.0333 (U)				
12/6/2016			0.301 (U)					
12/7/2016				0.507 (U)			0.179 (U)	
12/8/2016	1.39			,	0.968 (U)		` ,	
3/21/2017			0.506 (U)					
3/22/2017	0.852 (U)		(-)				0.279 (U)	
3/23/2017	0.002 (0)			0.378 (U)	0.444 (U)		0.273 (0)	
7/11/2017	1.04		0.0701 (U)	1.04	0.444 (0)			
7/11/2017	1.04		0.0701 (0)	1.04	0.914 (11)		0.125 (U)	
			0.440.410	0.770 (11)	0.814 (U)		0.125 (0)	
10/17/2017	0.070 (11)		0.412 (U)	0.779 (U)				
10/18/2017	0.678 (U)							
10/19/2017					0.748 (U)		0.329 (U)	
2/20/2018			0.81 (U)	0.906 (U)				
2/21/2018	0.863 (U)				1.05 (U)		0.504 (U)	
4/12/2018		0.774 (U)						
5/23/2018		0.301 (U)						
6/13/2018		0.508 (U)						
7/11/2018		1.66	0.749 (U)	0.505 (U)				
7/12/2018	1.42				0.751 (U)		0.188 (U)	
9/12/2018		0.217 (U)	0.2 (U)					
9/13/2018	0.766 (U)			0.313 (U)			0.0542 (U)	
9/14/2018	. ,			,	1.01 (U)		` ,	
10/4/2018		1.14			1.05			
10/24/2018		0.441 (U)						
10/1/2019		0.441 (0)		1.01 (U)				
10/2/2019	1.48	0.712 (U)	0.0883 (U)	1.01 (0)				
	1.40	0.712 (0)	0.0883 (0)		1 62 (11)		1 27	
10/3/2019		0.000 (11)			1.62 (U)		1.37	
3/24/2020	0.01.415	0.898 (U)	1.70	0.222.415				
3/25/2020	0.91 (U)		1.79	0.333 (U)	0.476 (1)		0.40.40	
3/26/2020					0.473 (U)		0.43 (U)	
8/25/2020			0.405 (U)	0.34 (U)				
8/26/2020	0.95 (U)				0.782 (U)		0.572 (U)	
10/6/2020		0.929 (U)	0.276 (U)	0.371 (U)				
10/7/2020	1.01 (U)				0.442 (U)		0.232 (U)	
3/3/2021	0.545 (U)		0.907 (U)	0.836 (U)				
3/4/2021					1.03 (U)		0.529 (U)	
3/8/2021		0.475 (U)						
9/14/2021		0.972 (U)		0.68 (U)				
9/15/2021	1.07 (U)		0.0517 (U)					
9/16/2021	. ,		. ,		0.184 (U)		0.382 (U)	
1/25/2022		0.146 (U)			\-/		• •	
1/26/2022	0.282 (U)	(0)	0.0386 (U)	0.449 (U)				
1/27/2022	0.202 (0)		3.3000 (0)	5.145 (5)	0.259 (U)	1.13	0.315 (U)	
8/24/2022	0.764 (11)	0.0268 (U)	0.781 (U)	0.342 (U)	0.259 (U) 0.764 (U)	1.15	3.510 (5)	
	0.764 (U)	U.UZ08 (U)	U.761 (U)	0.342 (U)	0.704 (U)		0.771 (11)	
8/25/2022						0.400 ""	0.771 (U)	
8/26/2022		0.400.00	0.455.55	0.4=4.41.		0.488 (U)		
2/14/2023	_	0.486 (U)	0.102 (U)	0.151 (U)				
2/15/2023	0.484 (U)						0.496 (U)	
2/16/2023					0.765	0.193 (U)		

Constituent: Fluoride (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

		PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
	/30/2016							0.06 (J)	
	/31/2016	0.13 (J)							0.13 (J)
	/1/2016		0.06 (J)						
	/6/2016			0.09 (J)					
	7/2016				0.03 (J)	0.12 (J)	0.15 (J)		
	2/6/2016							0.06 (J)	
12	2/7/2016	0.07 (J)	0.09 (J)	0.09 (J)					0.13 (J)
12	2/8/2016				0.18 (J)	0.18 (J)	0.12 (J)		
3/	/21/2017	<0.1						0.004 (J)	0.05 (J)
3/	/22/2017		0.11 (J)	0.04 (J)	0.09 (J)	0.08 (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		0.23 (J)		0.21 (J)	0.17 (J)	0.07 (J)		
10	0/17/2017							<0.1	
10	0/18/2017	0.11 (J)	0.19 (J)	0.04 (J)	0.24 (J)	0.06 (J)			<0.1
10	0/19/2017						<0.3		
2/	/20/2018	0.04 (J)						0.098 (J)	0.3 (J)
2/	/21/2018		0.093 (J)	<0.1	0.24 (J)	0.086 (J)	0.37		
7/	/11/2018	<0.1						<0.1	0.077 (J)
7/	12/2018		<0.1	<0.1			0.17 (J)		
8/	15/2018					<0.1			
8/	16/2018				0.073 (J)				
9/	/12/2018	<0.1						0.034 (J)	
9/	/13/2018		0.15 (J)	<0.1		<0.1			<0.1
9/	/14/2018				<0.1		<0.3		
3/	/26/2019							<0.1	
3/	27/2019	<0.1		<0.1		<0.1			<0.1
3/	/28/2019		0.1		0.15		0.074		
9/	10/2019								<0.1
10	0/1/2019							0.062 (X)	
10	0/2/2019	0.056 (X)	0.075 (X)	0.053 (X)	0.063 (X)				
10	0/3/2019					0.043 (X)	0.084 (X)		
3/	/24/2020							<0.1	
3/	/25/2020	<0.1			<0.1				0.066 (J)
3/	/26/2020		0.056 (J)	<0.1		<0.1	0.077 (J)		
8/	/25/2020							<0.1	
8/	/26/2020	<0.1	<0.1	<0.1	<0.1		0.062 (J)		0.057 (J)
8/	27/2020					<0.1			
10	0/6/2020	<0.1		<0.1				<0.1	0.052 (J)
10	0/7/2020		<0.1		<0.1	<0.1	0.064 (J)		
3/	/3/2021	<0.1					0.058 (J)	<0.1	<0.1
3/	/4/2021		<0.1	<0.1	<0.1	<0.1			
9/	/14/2021							<0.1	
9/	15/2021	<0.1	<0.1	<0.1					<0.1
9/	16/2021				0.052 (J)	<0.1	0.067 (J)		
1/	/25/2022							<0.1	
1/	/26/2022	<0.1	<0.1	<0.1					<0.1
	27/2022				<0.1	<0.1	0.056 (J)		
	24/2022							0.08 (J)	
	/25/2022	0.051 (J)	0.074 (J)	0.058 (J)	0.078 (J)	0.052 (J)	0.086 (J)		0.074 (J)
	14/2023	<0.1						0.063 (J)	0.084 (J)
	15/2023		0.064 (J)	0.053 (J)		<0.1	0.086 (J)	• •	•
				* *					

Constituent: Fluoride (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

PZ-14 PZ-15 PZ-16 PZ-17 PZ-18 PZ-19 PZ-1D (bg) PZ-23A 2/16/2023 0.077 (J)

Constituent: Fluoride (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			riant iviii	icheli Cilent. Souti	nem Company Da	ita. WillChell Ash Foh	d CON
0/4/0040	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016	0.05 (1)						<0.1
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)			0.15 (J)
12/8/2016	0.22 (J)				0.21 (J)		
3/21/2017			0.02 (J)				
3/22/2017	0.16 (J)						0.09 (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)		0.02 (J)
10/17/2017			0.05 (J)	<0.1			
10/18/2017	0.28 (J)						
10/19/2017					<0.1		<0.1
2/20/2018			0.21 (J)	<0.1			
2/21/2018	0.29 (J)				0.039 (J)		0.045 (J)
4/12/2018		<0.1					
5/23/2018		0.063 (J)					
6/13/2018		0.11 (J)					
7/11/2018		<0.1	0.087 (J)	<0.1			
7/12/2018	0.21 (J)				<0.1		<0.1
8/17/2018		<0.1					
9/12/2018		0.093 (J)	0.049 (J)				
9/13/2018	0.22 (J)			<0.1			<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	0.04		<0.1			
3/28/2019					<0.1		<0.1
10/1/2019				0.042 (X)			
10/2/2019	0.16 (X)	0.11 (X)	0.057 (X)				
10/3/2019					0.06 (X)		0.041 (X)
3/24/2020		0.051 (J)					
3/25/2020	0.13 (J)		<0.1	<0.1			
3/26/2020					<0.1		<0.1
8/25/2020			<0.1	<0.1			
8/26/2020	0.14	0.057 (J)			<0.1		<0.1
10/6/2020		0.073 (J)	<0.1	<0.1			
10/7/2020	0.13				<0.1		<0.1
3/3/2021	0.12		<0.1	<0.1			
3/4/2021					<0.1		<0.1
3/8/2021		<0.1					
9/14/2021		0.089 (J)		<0.1			
9/15/2021	0.14		<0.1				
9/16/2021					<0.1		<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)	<0.1
8/24/2022	0.15	0.088 (J)	0.069 (J)	0.058 (J)	0.092 (J)	• •	
8/25/2022		. ,	.,				0.056 (J)
8/26/2022						0.083 (J)	•

Constituent: Fluoride (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
2/14/2023		0.076 (J)	0.059 (J)	<0.1			
2/15/2023	0.16						0.05 (J)
2/16/2023					0.082 (J)	0.077 (J)	

Constituent: Lead (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

8/30/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg) <0.001	PZ-23A
8/31/2016	<0.001						10.001	<0.001
9/1/2016	10.001	<0.001						0.001
9/6/2016		10.001	<0.001					
9/7/2016			10.001	<0.001	<0.001	<0.001		
12/6/2016				\0.001	\0.001	\0.001	<0.001	
12/7/2016	<0.001	<0.001	<0.001				40.001	<0.001
12/8/2016	10.001	40.001	10.001	<0.001	<0.001	<0.001		40.001
3/21/2017	<0.001			\0.001	\0.001	\0.001	<0.001	<0.001
3/22/2017	\0.001	5E-05 (J)	<0.001	<0.001	<0.001		~0.001	\(\text{0.001}\)
3/23/2017		JE-03 (5)	10.001	10.001	10.001	<0.001		
7/11/2017	<0.001		<0.001			10.001	<0.001	<0.001
7/11/2017	\0.001	<0.001	\0.001	<0.001	<0.001	<0.001	\0.001	~0.001
10/17/2017		-0.001		-0.001	-0.001	-0.001	0.0001 (J)	
10/18/2017	<0.001	<0.001	<0.001	<0.001	<0.001		0.0001 (0)	<0.001
10/19/2017	10.001	10.001	10.001	10.001	10.001	<0.001		0.001
2/20/2018	<0.001					10.001	<0.001	<0.001
2/21/2018	10.001	<0.001	<0.001	<0.001	0.00043 (J)	<0.001	40.001	40.001
7/11/2018	<0.001	10.001	10.001	10.001	0.00043 (0)	10.001	<0.001	<0.001
7/12/2018	10.001	<0.001	<0.001			<0.001	40.001	40.001
8/15/2018		-0.001	-0.001		<0.001	-0.001		
8/16/2018				<0.001	10.001			
9/12/2018	<0.001			10.001			<0.001	
9/13/2018	10.001	<0.001	<0.001		<0.001		40.001	<0.001
9/14/2018		-0.001	-0.001	<0.001	-0.001	<0.001		0.001
9/10/2019				10.001		10.001		<0.001
10/1/2019							<0.001	40.001
10/2/2019	<0.001	<0.001	8.1E-05 (X)	<0.001			0.001	
10/3/2019	-0.001	-0.001	0.12 00 (X)	-0.001	<0.001	<0.001		
3/24/2020					0.001	0.001	6.2E-05 (J)	
3/25/2020	<0.001			<0.001			0.22 00 (0)	0.00015 (J)
3/26/2020	0.001	<0.001	<0.001	0.001	<0.001	<0.001		0.00010 (0)
8/25/2020							6.5E-05 (J)	
8/26/2020	<0.001	<0.001	<0.001	<0.001		<0.001	0.02 00 (0)	<0.001
8/27/2020	0.001	0.001	0.001	0.001	<0.001	0.001		0.001
10/6/2020	<0.001		<0.001		0.001		6.6E-05 (J)	4.7E-05 (J)
10/7/2020	0.001	<0.001	0.001	<0.001	4.2E-05 (J)	4.2E-05 (J)	0.02 00 (0)	2 00 (0)
3/3/2021	<0.001	0.001		0.001	33 (3)	<0.001	5.5E-05 (J)	5.8E-05 (J)
3/4/2021		<0.001	<0.001	<0.001	<0.001		(.)	
9/14/2021							<0.001	
9/15/2021	<0.001	<0.001	<0.001					<0.001
9/16/2021	0.001	0.001	0.001	<0.001	<0.001	<0.001		0.001
1/25/2022							<0.001	
1/26/2022	<0.001	<0.001	<0.001					<0.001
1/27/2022				<0.001	<0.001	<0.001		
8/24/2022							<0.001	
8/25/2022	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
2/14/2023	<0.001	2- -	9- -	y	9: -	y	<0.001	<0.001
2/15/2023		<0.001	<0.001		<0.001	<0.001		
2/16/2023				<0.001				
-								

Constituent: Lead (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.001
9/8/2016	<0.001						
10/18/2016			<0.001	0.0001 (J)			
12/6/2016			<0.001				
12/7/2016				<0.001			<0.001
12/8/2016	<0.001				<0.001		
3/21/2017			<0.001				
3/22/2017	<0.001						<0.001
3/23/2017				0.0002 (J)	9E-05 (J)		
7/11/2017	<0.001		<0.001	<0.001	.,		
7/12/2017					<0.001		<0.001
10/17/2017			0.0005 (J)	7E-05 (J)			
10/18/2017	<0.001		. ,	. ,			
10/19/2017					<0.001		<0.001
2/20/2018			<0.001	<0.001			
2/21/2018	<0.001				<0.001		<0.001
4/12/2018	0.001	<0.001			0.001		0.00
5/23/2018		<0.001					
6/13/2018		<0.001					
7/11/2018		<0.001	<0.001	<0.001			
7/12/2018	<0.001	-0.001	-0.001	-0.001	<0.001		<0.001
8/17/2018	40.001	<0.001			10.001		30.001
9/12/2018		<0.001	<0.001				
9/13/2018	<0.001	10.001	10.001	<0.001			<0.001
9/14/2018	10.001			40.001	<0.001		30.001
10/4/2018		<0.001			<0.001		
10/4/2018		<0.001			<0.001		
10/1/2019		\0.001		<0.001			
10/1/2019	<0.001	4.7E-05 (X)	8.1E-05 (X)	<0.001			
10/3/2019	<0.001	4.7E-05 (A)	6. IE-05 (A)		4.7E.0E.(X)		<0.001
3/24/2020		<0.001			4.7E-05 (X)		\(\)
3/25/2020	<0.001	~ 0.001	<0.001	<0.001			
3/25/2020	<0.001		<0.001	<0.001	<0.001		<0.001
			<0.001	6.25.05.(1)	<0.001		<0.001
8/25/2020 8/26/2020	<0.001	<0.001	<0.001	6.3E-05 (J)	<0.001		<0.001
	<0.001		<0.001	~0.001	<0.001		\(\)
10/6/2020 10/7/2020	<0.001	<0.001	<0.001	<0.001	<0.001		<0.001
3/3/2021	<0.001		<0.001	<0.001	<0.001		\(\)
3/4/2021	\0.001		~ 0.001	~0.001	<0.001		4.1E-05 (J)
3/8/2021		6 3E 0E (I)			~0.001		4.12-03 (0)
9/14/2021		6.2E-05 (J) <0.001		<0.001			
	~0.001	<0.001	<0.001	<0.001			
9/15/2021 9/16/2021	<0.001		<0.001		<0.001		z0.001
		-0.001			<0.001		<0.001
1/25/2022 1/26/2022	<0.001	<0.001	<0.001	<0.001			
	<0.001		<0.001	<0.001	-0.001	<0.001	z0.001
1/27/2022	-0.001	-0.001	-0.001	-0.001	<0.001	<0.001	<0.001
8/24/2022	<0.001	<0.001	<0.001	<0.001	<0.001		-0.001
8/25/2022						~0.001	<0.001
8/26/2022		z0.004	-0.001	<0.004		<0.001	
2/14/2023	<0.004	<0.001	<0.001	<0.001			-0.001
2/15/2023	<0.001				<0.001	~0.001	<0.001
2/16/2023					<0.001	<0.001	

Constituent: Lithium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			T lant witche	ii Olient. Oodthem	Company Data. I	William Asir i Olia O	Ort	
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.03	
8/31/2016	<0.03							<0.03
9/1/2016		<0.05						
9/6/2016			<0.03					
9/7/2016				<0.05	<0.05	0.0082 (J)		
12/6/2016							<0.03	
12/7/2016	0.003 (J)	<0.05	<0.03					<0.03
12/8/2016				<0.05	<0.05	0.0061 (J)		
3/21/2017	<0.03						<0.03	<0.03
3/22/2017		0.0011 (J)	<0.03	0.0021 (J)	0.0029 (J)			
3/23/2017						0.0122 (J)		
7/11/2017	<0.03		<0.03				<0.03	<0.03
7/12/2017		<0.05		0.002 (J)	0.0024 (J)	0.013 (J)		
10/17/2017							<0.03	
10/18/2017	<0.03	<0.05	<0.03	0.002 (J)	0.0027 (J)			<0.03
10/19/2017						0.013 (J)		
2/20/2018	<0.03						<0.03	<0.03
2/21/2018		<0.05	<0.03	0.0022 (J)	0.0021 (J)	0.0085 (J)		
7/11/2018	<0.03						<0.03	<0.03
7/12/2018		0.0012 (J)	<0.03			0.013 (J)		
8/15/2018					0.0027 (J)			
8/16/2018				0.0027 (J)				
9/12/2018	<0.03						<0.03	
9/13/2018		0.0013 (J)	<0.03		0.0029 (J)			<0.03
9/14/2018				0.0025 (J)		0.018 (J)		
9/10/2019								<0.03
10/1/2019							<0.03	
10/2/2019	<0.03	0.0013 (X)	<0.03	0.0024 (X)				
10/3/2019					0.0027 (X)	0.016 (X)		
3/24/2020							<0.03	
3/25/2020	<0.03			0.003 (J)				0.0011 (J)
3/26/2020		0.0014 (J)	<0.03		0.0027 (J)	0.013 (J)		
8/25/2020							<0.03	
8/26/2020	<0.03	0.0013 (J)	<0.03	0.0028 (J)		0.011 (J)		0.0011 (J)
8/27/2020					0.0025 (J)			
10/6/2020	<0.03		<0.03				<0.03	0.00097 (J)
10/7/2020		0.0013 (J)		0.0029 (J)	0.003 (J)	0.013 (J)		
3/3/2021	<0.03					0.015 (J)	<0.03	0.001 (J)
3/4/2021		0.0014 (J)	<0.03	0.002 (J)	0.0029 (J)			
9/14/2021							<0.03	
9/15/2021	<0.03	0.0013 (J)	<0.03					0.00085 (J)
9/16/2021				0.0021 (J)	0.0023 (J)	0.013 (J)		
1/25/2022							<0.03	
1/26/2022	<0.03	0.0013 (J)	<0.03					<0.03
1/27/2022				0.0022 (J)	0.003 (J)	0.016 (J)		
8/24/2022							<0.03	
8/25/2022	<0.03	0.0012 (J)	<0.03	0.0018 (J)	0.0033 (J)	0.012 (J)		<0.03
2/14/2023	<0.03						<0.03	<0.03
2/15/2023		0.001 (J)	<0.03		0.0027 (J)	0.011 (J)		
2/16/2023				0.0014 (J)				

Constituent: Lithium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					,			
	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D	
9/1/2016							0.0022 (J)	
9/8/2016	0.0038 (J)							
10/18/2016			<0.03	<0.03				
12/6/2016			<0.03					
12/7/2016				<0.03			0.0023 (J)	
12/8/2016	0.0038 (J)				<0.03			
3/21/2017			<0.03					
3/22/2017	0.0068 (J)						0.0025 (J)	
3/23/2017				<0.03	<0.03			
7/11/2017	0.0059 (J)		<0.03	<0.03				
7/12/2017					<0.03		0.0033 (J)	
10/17/2017			<0.03	<0.03				
10/18/2017	0.0057 (J)							
10/19/2017					<0.03		<0.25	
2/20/2018			<0.03	<0.03				
2/21/2018	0.0063 (J)				<0.03		0.0034 (J)	
4/12/2018		<0.05						
5/23/2018		<0.05						
6/13/2018		<0.05						
7/11/2018		0.0011 (J)	<0.03	<0.03				
7/12/2018	0.0063 (J)				<0.03		0.0038 (J)	
8/17/2018		0.0024 (J)						
9/12/2018		0.0025 (J)	<0.03					
9/13/2018	0.0061 (J)			<0.03			0.0026 (J)	
9/14/2018					<0.03			
10/4/2018		0.0021 (J)			<0.03			
10/24/2018		0.0021 (J)						
10/1/2019				<0.03				
10/2/2019	0.0074 (X)	0.0016 (X)	<0.03					
10/3/2019					<0.03		0.0032 (X)	
3/24/2020		0.0019 (J)						
3/25/2020	0.0066 (J)		<0.03	<0.03				
3/26/2020					<0.03		0.0031 (J)	
8/25/2020			<0.03	<0.03				
8/26/2020	0.0065 (J)	0.0015 (J)			<0.03		0.0023 (J)	
10/6/2020		0.00099 (J)	<0.03	<0.03				
10/7/2020	0.0063 (J)				<0.03		0.0023 (J)	
3/3/2021	0.0061 (J)		<0.03	<0.03				
3/4/2021					<0.03		0.0031 (J)	
3/8/2021		0.0019 (J)						
9/14/2021		0.0013 (J)		<0.03				
9/15/2021	0.0061 (J)		<0.03					
9/16/2021					<0.03		0.0025 (J)	
1/25/2022		0.0012 (J)						
1/26/2022	0.008 (J)		<0.03	<0.03				
1/27/2022					<0.03	0.002 (J)	0.0039 (J)	
8/24/2022	0.0073 (J)	0.0012 (J)	<0.03	<0.03	<0.03			
8/25/2022							0.003 (J)	
8/26/2022						0.0013 (J)		
2/14/2023		0.001 (J)	<0.03	<0.03				
2/15/2023	0.0057 (J)						0.0037 (J)	
2/16/2023					<0.03	0.00082 (J)		

Constituent: Mercury (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.0002	
8/31/2016	<0.0002							<0.0002
9/1/2016		<0.0002						
9/6/2016			<0.0002					
9/7/2016				<0.0002	<0.0002	<0.0002		
12/6/2016							<0.0002	
12/7/2016	7E-05 (J)	<0.0002	<0.0002					9E-05 (J)
12/8/2016				<0.0002	<0.0002	<0.0002		
3/21/2017	<0.0002						<0.0002	<0.0002
3/22/2017		<0.0002	<0.0002	<0.0002	<0.0002			
3/23/2017						<0.0002		
7/11/2017	<0.0002		<0.0002				<0.0002	<0.0002
7/12/2017		<0.0002		<0.0002	<0.0002	<0.0002		
10/17/2017							<0.0002	
10/18/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002			<0.0002
10/19/2017						<0.0002		
2/20/2018	<0.0002						<0.0002	<0.0002
2/21/2018		9.7E-05 (J)	6.8E-05 (J)	8.6E-05 (J)	5.7E-05 (J)	4.5E-05 (J)		
7/11/2018	<0.0002						<0.0002	<0.0002
7/12/2018		<0.0002	<0.0002			<0.0002		
8/15/2018					<0.0002			
8/16/2018				<0.0002				
9/12/2018	<0.0002						<0.0002	
9/13/2018		<0.0002	<0.0002		<0.0002			<0.0002
9/14/2018				<0.0002		<0.0002		
8/25/2020							9.9E-05 (J)	
8/26/2020	0.00015 (J)	<0.0002	<0.0002	<0.0002		0.0001 (J)		0.00017 (J)
8/27/2020					<0.0002			
10/6/2020	<0.0002		<0.0002				<0.0002	<0.0002
10/7/2020		<0.0002		<0.0002	<0.0002	<0.0002		
3/3/2021	<0.0002					<0.0002	<0.0002	<0.0002
3/4/2021		<0.0002	<0.0002	<0.0002	<0.0002			
9/14/2021							<0.0002	
9/15/2021	<0.0002	<0.0002	<0.0002					<0.0002
9/16/2021				<0.0002	<0.0002	<0.0002		
1/25/2022							<0.0002	
1/26/2022	<0.0002	<0.0002	<0.0002		0.000			<0.0002
1/27/2022				<0.0002	<0.0002	<0.0002		
8/24/2022			0.0000	0.0000	.0.000	.0.000	<0.0002	.0.000
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	0.0000	<0.0002
2/14/2023	<0.0002	-0.0000	-0.0000		10,0000	10,0000	<0.0002	<0.0002
2/15/2023		<0.0002	<0.0002	-0.0000	<0.0002	<0.0002		
2/16/2023				<0.0002				

Constituent: Mercury (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.0002
9/8/2016	<0.0002						
10/18/2016			<0.0002	<0.0002			
12/6/2016			<0.0002				
12/7/2016				<0.0002			6E-05 (J)
12/8/2016	<0.0002				<0.0002		
3/21/2017			<0.0002				
3/22/2017	<0.0002						<0.0002
3/23/2017				<0.0002	<0.0002		
7/11/2017	<0.0002		<0.0002	<0.0002			
7/12/2017					<0.0002		<0.0002
10/17/2017			<0.0002	<0.0002			
10/18/2017	<0.0002						
10/19/2017					<0.0002		<0.0002
2/20/2018			<0.0002	<0.0002			
2/21/2018	5.3E-05 (J)				4.3E-05 (J)		5.3E-05 (J)
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			
7/12/2018	<0.0002				<0.0002		<0.0002
8/17/2018		<0.0002					
9/12/2018		<0.0002	<0.0002	0.0000			
9/13/2018	<0.0002			<0.0002	4.45.05 (1)		<0.0002
9/14/2018		-0.0000			4.1E-05 (J)		
10/4/2018		<0.0002			<0.0002		
10/24/2018		5.2E-05 (J)	0.0001 (1)	-0.0000			
8/25/2020	.0.000	.0.000	0.0001 (J)	<0.0002	0.00044 (1)		
8/26/2020	<0.0002	<0.0002			0.00011 (J)		<0.0002
10/6/2020	-0.0000	<0.0002	<0.0002	<0.0002	-0.0000		-0.0000
10/7/2020	<0.0002		-0.0000	-0.0000	<0.0002		<0.0002
3/3/2021	<0.0002		<0.0002	<0.0002	-0.0000		-0.0000
3/4/2021		-0.0000			<0.0002		<0.0002
3/8/2021 9/14/2021		<0.0002		<0.0000			
	<0.0002	<0.0002	<0.0002	<0.0002			
9/15/2021	<0.0002		<0.0002		<0.0000		<0.0000
9/16/2021		<0.0002			<0.0002		<0.0002
1/25/2022 1/26/2022	<0.0002	<0.0002	<0.0002	<0.0002			
	<0.0002		<0.0002	\0.0002	<0.0002	<0.0002	<0.0002
1/27/2022 8/24/2022		0.0001371	<0.0002	0.0001471	<0.0002 <0.0002	<0.0002	<0.0002
8/25/2022		0.00013 (J)	~U.UUU∠	0.00014 (J)	~U.UUUZ		<0.0002
8/26/2022						<0.0002	~U.UUUZ
10/11/2022	<0.0002					-U.UUUZ	
2/14/2023	~U.UUUZ	<0.0002	<0.0002	<0.0002			
2/15/2023	<0.0002	3.0002	5.0002	5.0002			<0.0002
2/16/2023	3.0002				<0.0002	<0.0002	0.0002
2/10/2020					-0.0002	-0.0002	

Constituent: Molybdenum (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					,			
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							<0.01	
8/31/2016	<0.01							<0.01
9/1/2016		<0.01						
9/6/2016			<0.01					
9/7/2016				<0.01	<0.01	0.0027 (J)		
12/6/2016							0.0019 (J)	
12/7/2016	<0.01	<0.01	<0.01					<0.01
12/8/2016				<0.01	<0.01	0.0022 (J)		
3/21/2017	0.0005 (J)						0.0018 (J)	0.0006 (J)
3/22/2017		0.0004 (J)	0.0004 (J)	0.0004 (J)	<0.01			
3/23/2017						0.0025 (J)		
7/11/2017	<0.01		<0.01				0.0018 (J)	<0.01
7/12/2017		<0.01		<0.01	<0.01	0.0022 (J)		
10/17/2017							0.0016 (J)	
10/18/2017	<0.01	<0.01	<0.01	<0.01	<0.01			<0.01
10/19/2017						0.0021 (J)		
2/20/2018	<0.01						<0.01	<0.01
2/21/2018		<0.01	<0.01	<0.01	<0.01	<0.01		
7/11/2018	<0.01						<0.01	<0.01
7/12/2018		<0.01	<0.01			0.0022 (J)		
8/15/2018					<0.01			
8/16/2018				<0.01				
9/12/2018	<0.01						<0.01	
9/13/2018		<0.01	<0.01		<0.01			<0.01
9/14/2018				<0.01		0.0023 (J)		
9/10/2019								<0.01
10/1/2019							0.001 (X)	
10/2/2019	<0.01	<0.01	<0.01	<0.01				
10/3/2019					<0.01	0.0024 (X)		
3/24/2020							0.001 (J)	
3/25/2020	<0.01			<0.01				0.0011 (J)
3/26/2020		<0.01	<0.01		<0.01	0.0021 (J)		
8/25/2020							0.001 (J)	
8/26/2020	<0.01	<0.01	<0.01	<0.01		0.002 (J)		<0.01
8/27/2020					<0.01			
10/6/2020	<0.01		<0.01				0.0009 (J)	<0.01
10/7/2020		<0.01		<0.01	<0.01	0.0019 (J)		
3/3/2021	<0.01					0.0021 (J)	0.00076 (J)	<0.01
3/4/2021		<0.01	<0.01	<0.01	<0.01			
9/14/2021							0.00086 (J)	
9/15/2021	<0.01	<0.01	<0.01					<0.01
9/16/2021				<0.01	<0.01	0.0021 (J)		
1/25/2022							<0.01	
1/26/2022	<0.01	<0.01	<0.01					<0.01
1/27/2022				<0.01	<0.01	0.0022 (J)		
8/24/2022							0.00088 (J)	
8/25/2022	<0.01	<0.01	<0.01	<0.01	<0.01	0.0017 (J)		<0.01
2/14/2023	<0.01						0.0013 (J)	<0.01
2/15/2023		<0.01	<0.01		<0.01	0.0016 (J)		
2/16/2023				<0.01				

Constituent: Molybdenum (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.01
9/8/2016	<0.01						
10/18/2016			<0.01	<0.01			
12/6/2016			<0.01				
12/7/2016				<0.01			<0.01
12/8/2016	<0.01				<0.01		
3/21/2017			0.0005 (J)				
3/22/2017	0.001 (J)		0.0000 (0)				<0.01
3/23/2017	0.001 (0)			<0.01	<0.01		-0.01
7/11/2017	<0.01		<0.01	<0.01	~0.01		
	<0.01		<0.01	<0.01	-0.01		-0.01
7/12/2017					<0.01		<0.01
10/17/2017			<0.01	<0.01			
10/18/2017	<0.01						
10/19/2017					<0.01		<0.01
2/20/2018			<0.01	<0.01			
2/21/2018	<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			
7/12/2018	<0.01				<0.01		<0.01
8/17/2018		<0.01					
9/12/2018		<0.01	<0.01				
9/13/2018	<0.01			<0.01			<0.01
9/14/2018					<0.01		
10/4/2018		<0.01			<0.01		
10/24/2018		<0.01					
10/1/2019				<0.01			
10/2/2019	<0.01	<0.01	<0.01	0.01			
10/3/2019	-0.01	10.01	-0.01		<0.01		<0.01
3/24/2020		<0.01			40.01		40.01
	-0.01	~0.01	-0.01	-0.01			
3/25/2020	<0.01		<0.01	<0.01	-0.01		-0.01
3/26/2020			-0.04	-0.04	<0.01		<0.01
8/25/2020	0.01	.0.01	<0.01	<0.01	.0.01		
8/26/2020	<0.01	<0.01			<0.01		<0.01
10/6/2020		0.00069 (J)	<0.01	<0.01			
10/7/2020	<0.01				<0.01		<0.01
3/3/2021	<0.01		<0.01	<0.01			
3/4/2021					<0.01		<0.01
3/8/2021		<0.01					
9/14/2021		0.00077 (J)		<0.01			
9/15/2021	<0.01		<0.01				
9/16/2021					<0.01		<0.01
1/25/2022		<0.01					
1/26/2022	<0.01		<0.01	<0.01			
1/27/2022					<0.01	0.00085 (J)	<0.01
8/24/2022	<0.01	<0.01	<0.01	<0.01	<0.01	(-)	
8/25/2022			•				<0.01
8/26/2022						<0.01	3.01
2/14/2023		<0.01	<0.01	<0.01		-0.01	
	<0.01	~U.U1	50.U I	50.0 I			<0.01
2/15/2023	<0.01				<0.01	<0.01	<0.01
2/16/2023					<0.01	<0.01	

Constituent: pH (SU) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							7.67	
8/31/2016	6.97							6.75
9/1/2016		7.21						
9/6/2016			7.23					
9/7/2016				7.02	6.92	6.71		
12/6/2016							7.57	
12/7/2016	6.85	7.13	7.3					6.64
12/8/2016				6.95	6.9	6.61		
3/21/2017	7.04						7.54	6.73
3/22/2017		7.04	7.2	7.05	7			
3/23/2017						6.69		
7/11/2017	6.88		7.31				7.43	6.66
7/12/2017		7.09		7.06	6.95	6.69		
10/17/2017							7.7	
10/18/2017	6.77	7.2	7.28	6.99		6.88		6.73
10/19/2017						6.85		
2/20/2018	7.32 (D)						7.57	7.11
2/21/2018		7.11	7.1	6.95	6.89	6.66		
7/11/2018	7.12						7.48	7
7/12/2018		7.07	7.14	7.06	7.01	6.84		
8/15/2018					6.87			
8/16/2018				7.01				
9/12/2018	6.87						7.41	
9/13/2018		7.01	7.08		6.86			6.56
9/14/2018				6.83		6.76		
3/26/2019							7.49	
3/27/2019	6.98		7.23		6.92			6.75
3/28/2019		7.84		6.97		6.67		
9/10/2019								6.78
10/1/2019							7.5	
10/2/2019	6.96	7.22	7.22	6.99				
10/3/2019					6.78	6.93		
3/24/2020							7.79	
3/25/2020	7.02			6.93				6.84
3/26/2020		7.08	7.12		7.01	6.7		
8/25/2020							7.49	
8/26/2020	6.98	7.08	7.18	6.98		6.68		6.64
8/27/2020					6.88			
10/6/2020	7.01		7.24				7.35	6.78
10/7/2020		7.11		7.04	6.91	6.78		
3/3/2021	6.99					6.78	7.56	6.79
3/4/2021		7.09	7.34	7.09	6.91			
9/14/2021							7.45	
9/15/2021	6.94	7.09	7.12					6.72
9/16/2021				7.03	6.85	6.77		
1/25/2022							7.51	
1/26/2022	7.05	7.33	7.26					6.83
1/27/2022				7.03	6.92	6.8		
8/24/2022							7.49	
8/25/2022	6.93	7.15	7.14	7.05	6.76	6.67		6.76
2/14/2023	7.04						7.43	6.75
2/15/2023		7.09	7.1		6.73	6.66		

Constituent: pH (SU) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

PZ-14 PZ-15 PZ-16 PZ-17 PZ-18 PZ-19 PZ-1D (bg) PZ-23A 2/16/2023 7.14

Constituent: pH (SU) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							7.07
9/8/2016	7.1						
10/4/2016					6.88		
10/5/2016					6.91		
10/17/2016				7.43			
10/18/2016			7.15	7.45			
12/6/2016			7.04				
12/7/2016				7.29			6.85
12/8/2016	6.98				6.86		
3/21/2017			7.01				
3/22/2017	7.16						6.99
3/23/2017				7.26	6.9		
7/11/2017	7.15		6.96	7.31	7.82 (o)		
7/12/2017					6.81		6.83
10/17/2017		7.61	7.31	7.29			
10/18/2017	7.09						
10/19/2017					6.86		6.91
2/20/2018				7.26			
2/21/2018	7.12				7.02		6.97
7/11/2018		9.48	7.26	7.39			
7/12/2018			7.01		6.82		6.85
9/12/2018		9.07	7.02				
9/13/2018	7.03			7.25			6.88
9/14/2018					6.75		
3/26/2019			7				
3/27/2019	7.08	8.76		7.42			
3/28/2019					6.96		6.96
10/1/2019				7.43			
10/2/2019	7.2	8.97	7.09				
10/3/2019					7.01		6.85
3/24/2020		8.57					
3/25/2020	7.01		7.15	7.23			
3/26/2020					7		7.12
8/25/2020			7.14	7.53			
8/26/2020	7.09	7.97			6.99		7.01
10/6/2020		8.72	7.01	7.27			
10/7/2020	6.95				7.04		6.98
3/3/2021	7.04		7.14	7.41			
3/4/2021					7.22		6.95
3/8/2021		7.77					
9/14/2021		8.96		7.31			
9/15/2021	7.05		6.99				
9/16/2021					7.1		6.96
1/25/2022		8.4					
1/26/2022	7.28		7.1	7.44			
1/27/2022					7.18	7.3	7.03
8/24/2022	7.1	8.01	7.04	7.34	7.1		
8/25/2022							6.98
8/26/2022						7.09	
10/11/2022	7.13	7.94		7.37			
2/14/2023		7.97	7.09	7.36			
2/15/2023	7.02						6.92

Page 2

Time Series

Constituent: pH (SU) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

PZ-25 PZ-2D (bg) PZ-31 (bg) PZ-32 (bg) PZ-33 PZ-57 PZ-7D 2/16/2023 7.13 7.06

Constituent: Selenium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
0.0010 (1)						<0.005	0.004470
0.0012 (J)	-0.005						0.0014 (J)
	<0.005	<0.00E					
		<0.005	-0.005	-0.005	-0.01		
			<0.005	<0.005	<0.01	<0.00E	
-0.005	-0.005	-0.005				<0.005	-0.01
<0.005	<0.005	<0.005	2.225	.0.005	.0.04		<0.01
2 225			<0.005	<0.005	<0.01	.0.005	.0.04
<0.005	.0.005	0.005	2.225	.0.005		<0.005	<0.01
	<0.005	<0.005	<0.005	<0.005	-0.01		
-0.005		-0.005			<0.01	-0.005	-0.01
<0.005	-0.005	<0.005	-0.005	-0.005	-0.01	<0.005	<0.01
	<0.005		<0.005	<0.005	<0.01	-0.005	
-0.005	-0.005	-0.005	-0.005	-0.005		<0.005	-0.01
<0.005	<0.005	<0.005	<0.005	<0.005	.0.04		<0.01
-0.005					<0.01	-0.005	-0.01
<0.005	.0.005	0.005		.0.005	.0.04	<0.005	<0.01
0.005	<0.005	<0.005	<0.005	<0.005	<0.01	.0.005	.0.04
<0.005	.0.005	0.005			.0.04	<0.005	<0.01
	<0.005	<0.005		.0.005	<0.01		
				<0.005			
			<0.005				
<0.005	.0.005	0.005		.0.005		<0.005	.0.04
	<0.005	<0.005		<0.005	0.0045 (1)		<0.01
			<0.005		0.0015 (J)		0.0040.00
						.0.005	0.0018 (X)
						<0.005	
0.0015 (X)	<0.005	<0.005	<0.005	.0.005	0.0004.00		
				<0.005	0.0034 (X)	.0.005	
2 225			2.225			<0.005	0.000 (1)
<0.005	.0.005	0.005	<0.005	.0.005	0.0040 (1)		0.003 (J)
	<0.005	<0.005		<0.005	0.0016 (J)	0.005	
0.005	0.0040 (1)	0.005			0.0004 (1)	<0.005	0.0000 (1)
<0.005	0.0018 (J)	<0.005	<0.005	.0.005	0.0031 (J)		0.0026 (J)
2 225		0.005		<0.005		0.005	0.0007 (1)
<0.005	-0.005	<0.005	-0.005	-0.005	0.0005 (1)	<0.005	0.0027 (J)
-0.005	<0.005		<0.005	<0.005		-0.005	0.0005 (1)
<0.005	-0.005	-0.005	-0.005	-0.005	0.0033 (J)	<0.005	0.0025 (J)
	<0.005	<0.005	<0.005	<0.005		.0.005	
0.005	.0.005	0.005				<0.005	0.0004 (1)
<0.005	<0.005	<0.005	-0.005	-0.005	0.0000 (1)		0.0024 (J)
			<0.005	<0.005	0.0033 (3)	-0.005	
<0.005	<0.005	<0.00E				<0.005	0.0022 (1)
<0.005	<0.005	<0.005	<0.00E	<0.00E	0.005		0.0023 (J)
			<0.005	<0.005	0.005	<0.005	
<0.005	<0.005	40.00 5	40.00 F	<0.00F	0.0010 (1)	<0.005	0.0000 (1)
	<0.005	<0.005	<0.005	<0.005	0.0019 (3)	<0.005	0.0023 (J)
<0.005	<0.005	<0.00E		<0.005	0.0036 (1)	<0.005	0.0015 (J)
	<0.005	<0.005	<0.00E	<0.005	U.UU36 (J)		
			<0.005				
	PZ-14 0.0012 (J) <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005	0.0012 (J) <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 <0.005 	0.0012 (J)	0.0012 (J)	0.0012 (J)		0.0012 (J)

Constituent: Selenium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.005
9/8/2016	<0.005						
10/18/2016			<0.005	<0.005			
12/6/2016			<0.005				
12/7/2016				<0.005			<0.005
12/8/2016	<0.005				<0.005		
3/21/2017			<0.005				
3/22/2017	<0.005						<0.005
3/23/2017				<0.005	<0.005		
7/11/2017	<0.005		<0.005	<0.005			
7/12/2017					<0.005		<0.005
10/17/2017			<0.005	<0.005			
10/18/2017	<0.005						
10/19/2017					<0.005		<0.005
2/20/2018			<0.005	<0.005			
2/21/2018	<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			
7/12/2018	<0.005				<0.005		<0.005
8/17/2018		<0.005					
9/12/2018		<0.005	<0.005				
9/13/2018	<0.005			<0.005			<0.005
9/14/2018					<0.005		
10/4/2018		<0.005			<0.005		
10/24/2018		<0.005					
10/1/2019				<0.005			
10/2/2019	<0.005	<0.005	<0.005				
10/3/2019					<0.005		0.0017 (X)
3/24/2020		<0.005					
3/25/2020	<0.005		<0.005	<0.005			
3/26/2020					<0.005		<0.005
8/25/2020			<0.005	<0.005			
8/26/2020	<0.005	<0.005			<0.005		0.0018 (J)
10/6/2020		<0.005	<0.005	<0.005			
10/7/2020	<0.005				<0.005		<0.005
3/3/2021	<0.005		<0.005	<0.005			
3/4/2021					<0.005		0.0018 (J)
3/8/2021		<0.005					
9/14/2021		<0.005		<0.005			
9/15/2021	<0.005		<0.005				
9/16/2021					<0.005		<0.005
1/25/2022		<0.005					
1/26/2022	<0.005		<0.005	<0.005			
1/27/2022					<0.005	<0.005	0.0018 (J)
8/24/2022	<0.005	<0.005	<0.005	<0.005	<0.005		
8/25/2022							0.0017 (J)
8/26/2022						<0.005	
2/14/2023		<0.005	<0.005	<0.005			
2/15/2023	<0.005						0.0017 (J)
2/16/2023					<0.005	<0.005	

Constituent: Sulfate (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016							2.1	
8/31/2016	4.1							29
9/1/2016		73						
9/6/2016			49					
9/7/2016				99	96	87		
12/6/2016							2.4	
12/7/2016	1.5	71	46					24
12/8/2016				94	94	84		
3/21/2017	2						2.5	31
3/22/2017		80	53	100	95			
3/23/2017						90		
7/11/2017	2		52				2.6	37
7/12/2017		78		100	96	93		
10/17/2017							2.5	
10/18/2017	4.2	82	58	100	99			34
10/19/2017						92		
2/20/2018	2.4						2.3	34.7
2/21/2018		72.2	48.2	98.8	91.8	84.5		
7/11/2018	3.8						2.5	35.4
7/12/2018		80.5	48.8			84.9		
8/15/2018					101			
8/16/2018				111				
9/12/2018	4.3						2	
9/13/2018		84.4	48.7		106			37.4
9/14/2018				102		89.5		
3/26/2019							2.7	
3/27/2019	8.2		46.5		111			41.9
3/28/2019		90.3		94.7		83.5		
9/10/2019								45.1
10/1/2019							2.8	
10/2/2019	6.2	83	48.5	104				
10/3/2019					95.8	84.9		
3/24/2020							3	
3/25/2020	11.9			92.4				47
3/26/2020		83.6	43.5		91	84.9		
10/6/2020	11		42.4				2.4	71.2
10/7/2020		80.7		89.1	87.3	83.3		
3/3/2021	8.8					80.8	2.2	66
3/4/2021		74.1	38.9	66.8	88.6			
9/14/2021							2.6	
9/15/2021	11.4	73.4	37.8					46.8
9/16/2021				70.9	86.9	72.7		
1/25/2022							2.4	
1/26/2022	9.1	77.2	38.9					37.8
1/27/2022				62.1	89.9 (M1)	76.3		
8/24/2022							2.2	
8/25/2022	10.7	75.5	38.7	62.7	96.3	84.4		45.6
2/14/2023	10						1.6	35.1
2/15/2023		75.7 (M1)	38.1		96.6	78.8		
2/16/2023				54.2				

Constituent: Sulfate (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D	
9/1/2016							62	
9/8/2016	48							
10/18/2016			2.2	2.3				
12/6/2016			6.1					
12/7/2016				1.9			57	
12/8/2016	46				100			
3/21/2017			5.7					
3/22/2017	53						61	
3/23/2017				1.7	100			
7/11/2017	51		4.8	1.8				
7/12/2017					97		53	
10/17/2017			6.4	1.9				
10/18/2017	50							
10/19/2017					97		55	
2/20/2018			5.2	2.1				
2/21/2018	46.8				93.6		52.1	
4/12/2018		4.8 (J)					-	
5/23/2018		4.5						
6/13/2018		5.3						
7/11/2018		5.4	3.6	2				
7/11/2018	48.3	3.4	3.0	2	89.4		53.9	
	46.3	4.5			69.4		55.9	
8/17/2018		4.5	0.7					
9/12/2018	40	4.4	2.7	0.1			67.5	
9/13/2018	42			2.1			67.5	
9/14/2018					88.9			
10/4/2018		5.8			97.8			
10/24/2018		6.2						
3/26/2019			1.6					
3/27/2019	43.7	3.7		2.4				
3/28/2019					76.7		59.6	
10/1/2019				2.2				
10/2/2019	43	4.1	1.6					
10/3/2019					72.1		59.6	
3/24/2020		3.1						
3/25/2020	39.1		1.5	1.9				
3/26/2020					66.6		57.1	
10/6/2020		3.1	0.98 (J)	1.9				
10/7/2020	38.1				54.6		48.9	
3/3/2021	39.2		0.6 (J)	2				
3/4/2021					49.3		49.7	
3/8/2021		2.7						
9/14/2021		3.8		1.8				
9/15/2021	37.8		0.64 (J)					
9/16/2021					40.4		41.8	
1/25/2022		2.9						
1/26/2022	37.5		0.69 (J)	1.9				
1/27/2022					40	94.5	46.7	
8/24/2022	35.7	2	0.56 (J)	1.7	34.7			
8/25/2022							47.3	
8/26/2022						87.2		
2/14/2023		2.6	0.89 (J)	2				
2/15/2023	37.1		` '				49.9	

Page 2

Time Series

Constituent: Sulfate (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
2/16/2023					36	77 7	

Constituent: TDS (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

0/20/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg)	PZ-23A
8/30/2016 8/31/2016	244						136	400
9/1/2016	344	284						400
9/6/2016		204	257					
9/7/2016			237	202	415	508		
12/6/2016				392	415	300	207	
12/7/2016	202	242	248				207	406
	393	242	240	421	441	EEC		400
12/8/2016	276			431	441	556	100	400
3/21/2017 3/22/2017	276	332	304	456	469		128	409
3/23/2017		332	304	430	409	482		
7/11/2017	262		265			402	120	414
7/11/2017	263	308	205	445	432	497	138	414
10/17/2017		300		443	432	437	101	
10/17/2017	261	275	240	349	368		101	366
10/18/2017	261	2/3	240	349	306	448		300
2/20/2018	295					440	138	429
2/20/2018	293	212	205	411	400	500	130	429
7/11/2018	294	312	285	411	409	300	152	440
7/11/2018	294	337	285			523	153	440
8/15/2018		337	265		422	525		
8/16/2018				415	422			
	206			415			146	
9/12/2018 9/13/2018	286	336	201		438		146	448
9/14/2018		330	291	403	436	486		440
3/26/2019				403		400	334	
3/27/2019	281		277		408		334	410
3/28/2019	201	337	211	420	400	378		410
9/10/2019		337		420		376		420
10/1/2019							146	420
10/1/2019	312	355	284	415			140	
10/2/2019	312	333	204	413	464	485		
3/24/2020					404	463	228	
3/25/2020	220			408			220	454
3/26/2020	330	330	286	406	415	440		404
10/6/2020	241	330	261		410	440	153	462
10/7/2020	241	336	201	392	425	492	100	402
3/3/2021	258	330		332	420	452	134	444
3/4/2021	200	300	264	325	427	402	104	
9/14/2021		000	204	020	727		150	
9/15/2021	292	326	270				150	422
9/16/2021	202	320	270	330	419	450		422
1/25/2022				000	410	400	148	
1/26/2022	288	308	267				. 10	413
1/27/2022	200	000	201	329	433	442		110
8/24/2022				520	.50		139	
8/25/2022	259	319	90	321	446	528	.00	437
2/14/2023	300	010	55	V2.1		020	200	414
2/14/2023	300	329	334		477	529	_00	•••
2/16/2023				299				
0.2020								

Constituent: TDS (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							373
9/8/2016	293						
10/18/2016			264	152			
12/6/2016			299				
12/7/2016				214			433
12/8/2016	309				503 (o)		
3/21/2017			260				
3/22/2017	299						409
3/23/2017				165	430		
7/11/2017	301		244	162			
7/12/2017					438		374
10/17/2017			218	140			
10/18/2017	256						
10/19/2017					393		318
2/20/2018			264	163			
2/21/2018	297	00			435		367
4/12/2018		69					
5/23/2018		62					
6/13/2018		93	070	100			
7/11/2018	210	84	273	192	4.47		400
7/12/2018	310	445			447		423
8/17/2018		115	050				
9/12/2018	207	97	252	100			394
9/13/2018 9/14/2018	307			192	447		394
		102					
10/4/2018 10/24/2018		103			450		
3/26/2019		110	253				
3/27/2019	287	87	200	167			
3/28/2019	207	07		107	405		365
10/1/2019				187	400		303
10/2/2019	312	95	263	107			
10/3/2019	012	50	200		414		405
3/24/2020		123					100
3/25/2020	280	123	278	178			
3/26/2020	200		270	.,,	336		332
10/6/2020		81	254	169			002
10/7/2020	280	0.	201	.00	337		334
3/3/2021	267		264	166			
3/4/2021					283		335
3/8/2021		126					
9/14/2021		71		179			
9/15/2021	272		256				
9/16/2021					296		307
1/25/2022		68					
1/26/2022	276		262	182			
1/27/2022					274	387	331
8/24/2022			261		265		
8/25/2022							325
8/26/2022						358	
10/11/2022	267	75		173			
2/14/2023		140	257	177			

Page 2

Time Series

Constituent: TDS (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
2/15/2023	264						335 (D6)
2/16/2023					293	421	

Constituent: Thallium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

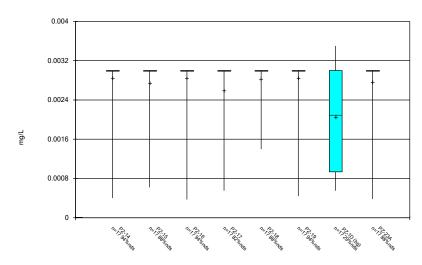
8/30/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19	PZ-1D (bg) <0.001	PZ-23A
8/31/2016	<0.001						0.001	<0.001
9/1/2016	-0.001	<0.001						-0.001
9/6/2016		40.001	<0.001					
9/7/2016			10.001	<0.001	<0.001	<0.001		
12/6/2016				\0.001	\0.001	\0.001	<0.001	
12/7/2016	<0.001	<0.001	<0.001				-0.001	0.0002 (J)
12/8/2016	10.001	40.001	40.001	<0.001	<0.001	0.0003 (J)		0.0002 (3)
3/21/2017	6E-05 (J)			10.001	10.001	0.0003 (3)	<0.001	0.0003 (J)
3/22/2017	0L-03 (3)	<0.001	0.0002 (J)	<0.001	4E-05 (J)		\0.001	0.0003 (3)
3/23/2017		40.001	0.0002 (3)	10.001	42-03 (3)	0.0003 (J)		
7/11/2017	<0.001		0.0002 (J)			0.0000 (0)	<0.001	0.0002 (J)
7/11/2017	10.001	<0.001	0.0002 (3)	<0.001	<0.001	0.0004 (J)	10.001	0.0002 (3)
10/17/2017		-0.001		-0.001	-0.001	0.0004 (0)	<0.001	
10/18/2017	<0.001	<0.001	0.0002 (J)	<0.001	5E-05 (J)		-0.001	0.0001 (J)
10/19/2017	-0.001	-0.001	0.0002 (0)	-0.001	02 00 (0)	0.0005 (J)		0.0001 (0)
2/20/2018	<0.001					0.0003 (3)	<0.001	0.00026 (J)
2/21/2018	-0.001	<0.001	0.00018 (J)	<0.001	<0.001	0.00049 (J)	-0.001	0.00020 (0)
7/11/2018	<0.001	-0.001	0.00010 (0)	10.001	10.001	0.00040 (0)	<0.001	0.00018 (J)
7/11/2018	10.001	<0.001	<0.001			0.00077 (J)	10.001	0.00010 (3)
8/15/2018		-0.001	10.001		<0.001	0.00077 (0)		
8/16/2018				<0.001	10.001			
9/12/2018	<0.001			10.001			<0.001	
9/13/2018	~ 0.001	<0.001	0.00017 (J)		<0.001		10.001	<0.001
9/14/2018		40.001	0.00017 (3)	<0.001	10.001	0.00076 (J)		10.001
9/10/2019				10.001		0.00070 (0)		<0.001
10/1/2019							<0.001	10.001
10/2/2019	<0.001	0.00016 (X)	5.3E-05 (X)	0.00016 (X)			-0.001	
10/3/2019	-0.001	0.00010 (x)	0.02 00 (7)	0.00010 (71)	<0.001	0.00071 (X)		
3/24/2020					-0.001	0.00071 (70)	<0.001	
3/25/2020	<0.001			0.0002 (J)			-0.001	0.00015 (J)
3/26/2020	-0.001	0.00014 (J)	<0.001	0.0002 (0)	7.1E-05 (J)	0.00068 (J)		0.00010 (0)
8/25/2020		0.00011(0)	0.001		7.12 00 (0)	0.0000 (0)	<0.001	
8/26/2020	<0.001	0.00027 (J)	<0.001	0.00025 (J)		0.00056 (J)	-0.001	0.00016 (J)
8/27/2020	-0.001	0.00027 (0)	-0.001	0.00020 (0)	<0.001	0.00000 (0)		0.00010 (0)
10/6/2020	<0.001		<0.001		0.001		<0.001	<0.001
10/7/2020	0.001	0.00022 (J)	0.001	0.00022 (J)	<0.001	0.0007 (J)	0.001	0.001
3/3/2021	<0.001	0.00022 (0)		0.00022 (0)	0.001	0.00072 (J)	<0.001	0.00017 (J)
3/4/2021		0.00022 (J)	<0.001	0.00039 (J)	<0.001	(0)		
9/14/2021		(,)		(,,			<0.001	
9/15/2021	<0.001	0.0002 (J)	<0.001					<0.001
9/16/2021		(0)		0.00034 (J)	<0.001	0.00066 (J)		
1/25/2022				(-,		(-,	<0.001	
1/26/2022	<0.001	<0.001	<0.001					<0.001
1/27/2022				0.00038 (J)	<0.001	0.00063 (J)		
8/24/2022				- 1-7		\-/	<0.001	
8/25/2022	<0.001	<0.001	<0.001	0.00037 (J)	<0.001	0.00053 (J)		<0.001
2/14/2023	<0.001			· · · · · · · · · · · · · · · · · · ·			<0.001	<0.001
2/15/2023		<0.001	<0.001		<0.001	0.00051 (J)		
2/16/2023				0.00038 (J)		ν-/		
===				= \=/				

Constituent: Thallium (mg/L) Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-2D (bg)	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-57	PZ-7D
9/1/2016							<0.001
9/8/2016	<0.001						
10/18/2016			<0.001	<0.001			
12/6/2016			<0.001				
12/7/2016				0.0002 (J)			<0.001
12/8/2016	<0.001				<0.001		
3/21/2017			6E-05 (J)				
3/22/2017	<0.001						0.0002 (J)
3/23/2017				8E-05 (J)	0.0001 (J)		
7/11/2017	<0.001		<0.001	7E-05 (J)			
7/12/2017					0.0001 (J)		0.0001 (J)
10/17/2017			<0.001	8E-05 (J)			
10/18/2017	<0.001						
10/19/2017					0.0001 (J)		0.0001 (J)
2/20/2018			<0.001	<0.001			
2/21/2018	<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			
7/12/2018	<0.001				<0.001		<0.001
8/17/2018		<0.001					
9/12/2018		<0.001	<0.001				
9/13/2018	<0.001			<0.001			<0.001
9/14/2018					<0.001		
10/4/2018		<0.001			<0.001		
10/24/2018		0.00016 (J)					
10/1/2019				<0.001			
10/2/2019	0.00024 (X)	<0.001	<0.001				
10/3/2019					0.00018 (X)		7.8E-05 (X)
3/24/2020		<0.001					
3/25/2020	0.00037 (J)		<0.001	<0.001			
3/26/2020					0.00015 (J)		8.5E-05 (J)
8/25/2020			<0.001	<0.001			
8/26/2020	0.00037 (J)	<0.001			<0.001		<0.001
10/6/2020		<0.001	<0.001	<0.001			
10/7/2020	0.00027 (J)				<0.001		<0.001
3/3/2021	0.00036 (J)		<0.001	<0.001			
3/4/2021					<0.001		<0.001
3/8/2021		<0.001					
9/14/2021		<0.001		<0.001			
9/15/2021	0.00066 (J)		<0.001				
9/16/2021					<0.001		<0.001
1/25/2022		<0.001					
1/26/2022	0.00039 (J)		<0.001	<0.001			
1/27/2022					<0.001	<0.001	<0.001
8/24/2022	0.00048 (J)	<0.001	<0.001	<0.001	<0.001		
8/25/2022	.,						<0.001
8/26/2022						<0.001	
2/14/2023		<0.001	<0.001	<0.001			
2/15/2023	0.00045 (J)						<0.001
2/16/2023	- (-)				<0.001	<0.001	-

FIGURE B.

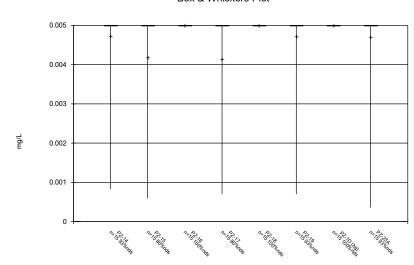
Box & Whiskers Plot



Constituent: Antimony Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

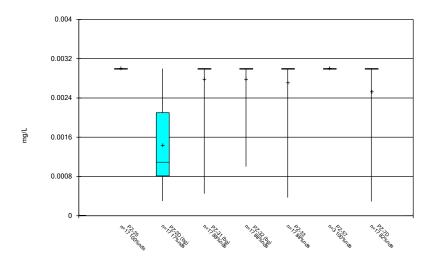
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Arsenic Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

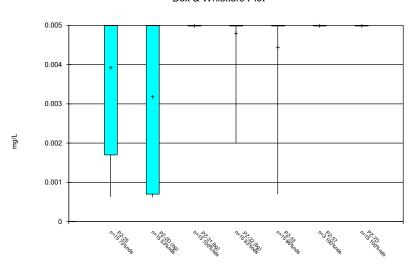
Box & Whiskers Plot



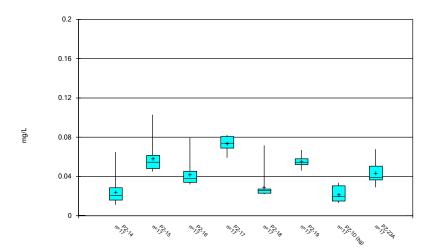
Constituent: Antimony Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



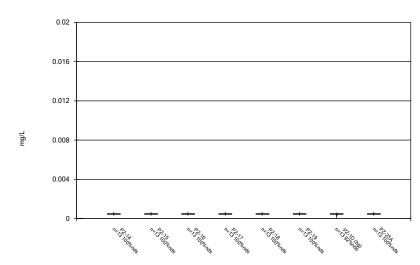
Constituent: Arsenic Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Barium Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

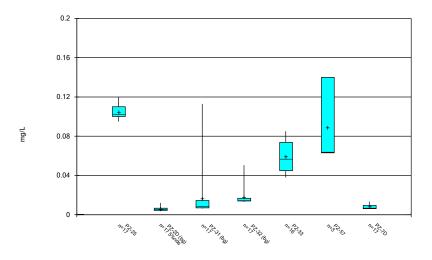
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

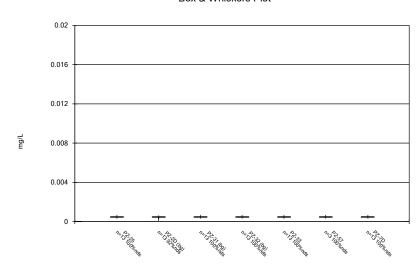
Box & Whiskers Plot



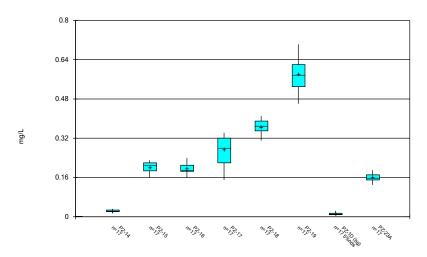
Constituent: Barium Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



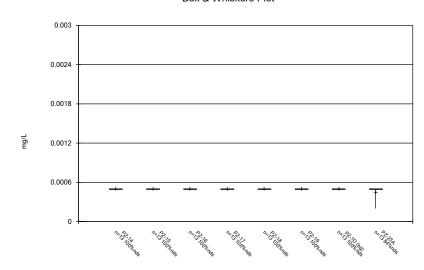
Constituent: Beryllium Analysis Run 3/24/2023 1:43 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Boron Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

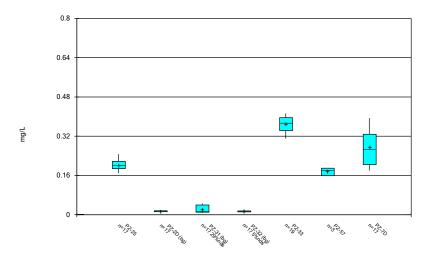
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cadmium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

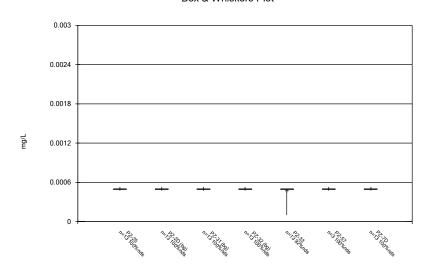
Box & Whiskers Plot



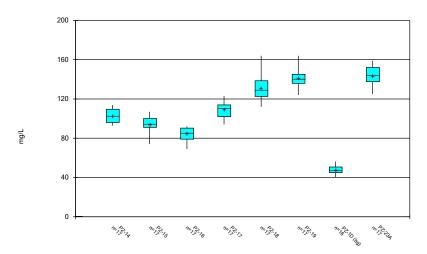
Constituent: Boron Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



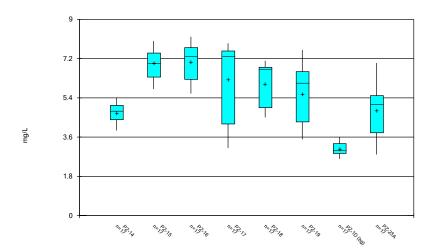
Constituent: Cadmium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Calcium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

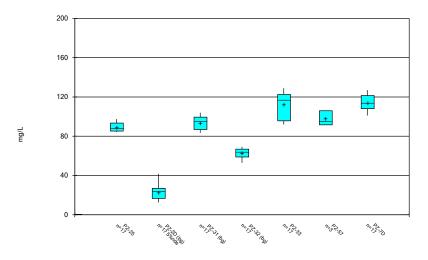
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Chloride Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

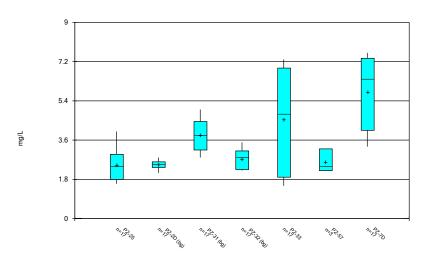
Box & Whiskers Plot



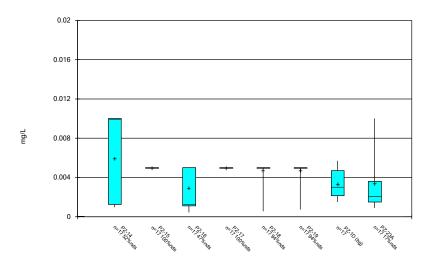
Constituent: Calcium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



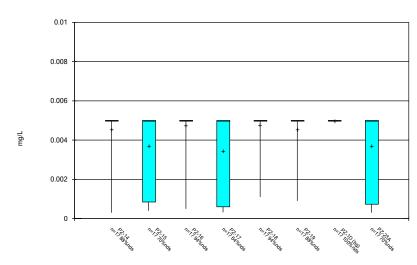
Constituent: Chloride Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Chromium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

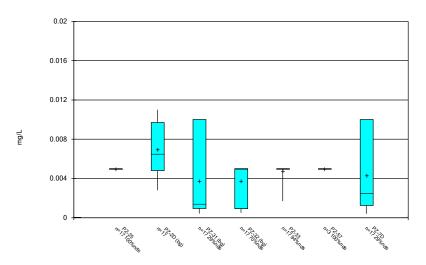
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Cobalt Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

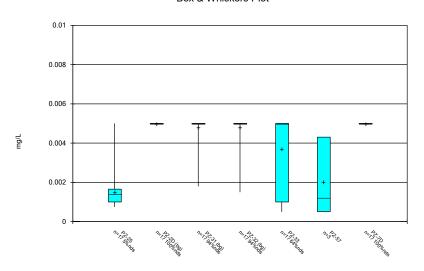
Box & Whiskers Plot



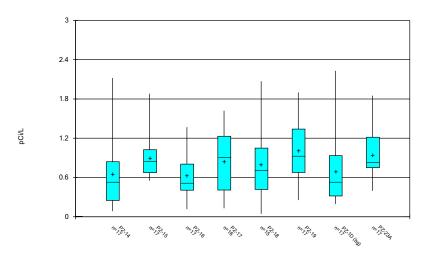
Constituent: Chromium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



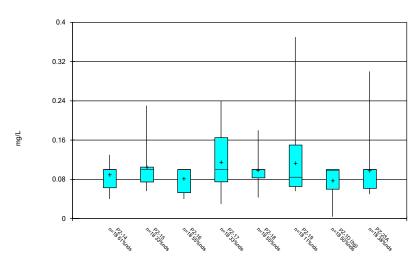
Constituent: Cobalt Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Combined Radium 226 + 228 Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

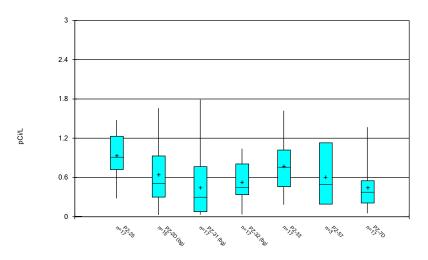
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Fluoride Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

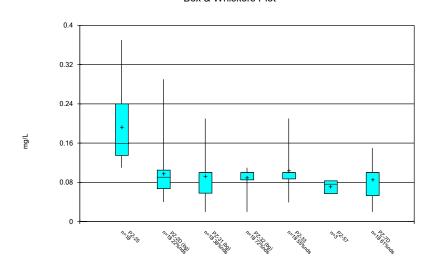
Box & Whiskers Plot



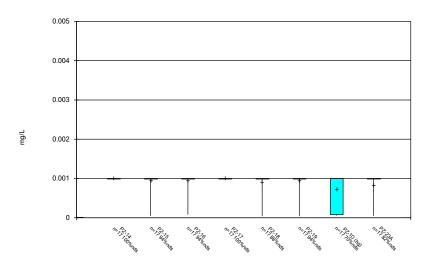
Constituent: Combined Radium 226 + 228 Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



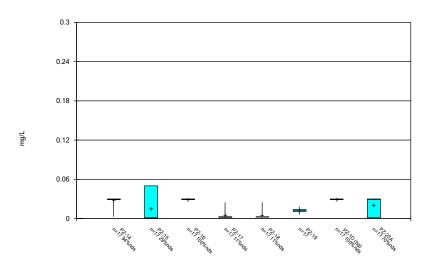
Constituent: Fluoride Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Lead Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

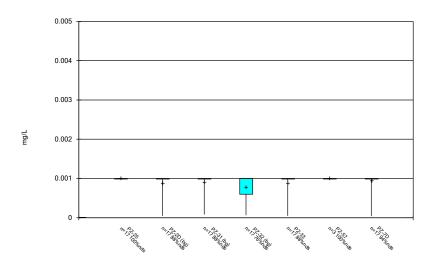
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Lithium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

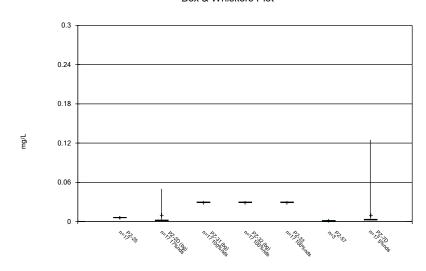
Box & Whiskers Plot



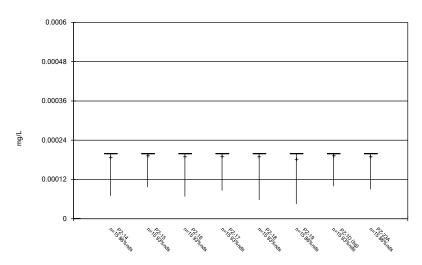
Constituent: Lead Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



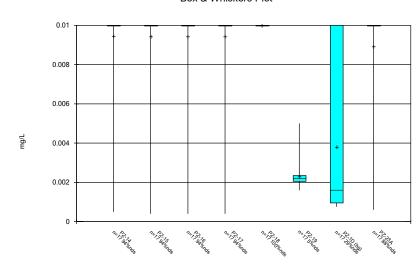
Constituent: Lithium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Mercury Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

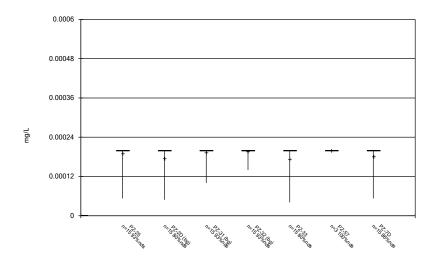
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Molybdenum Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

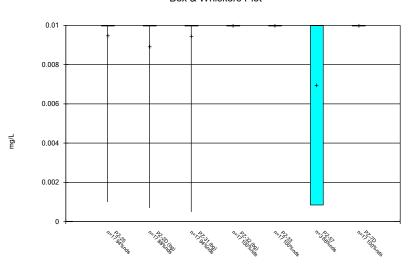
Box & Whiskers Plot



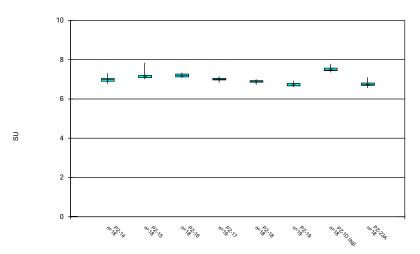
Constituent: Mercury Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



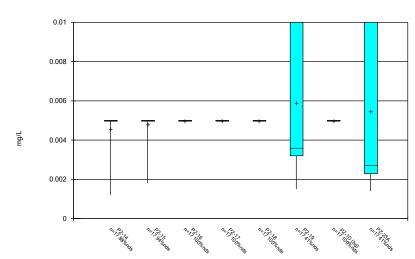
Constituent: Molybdenum Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: pH Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

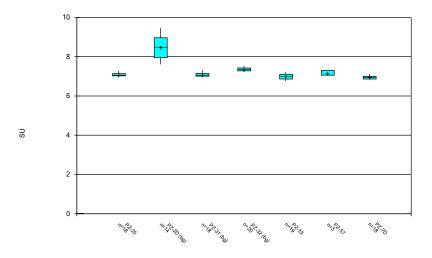
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Selenium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

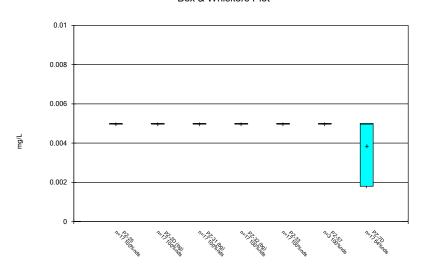
Box & Whiskers Plot



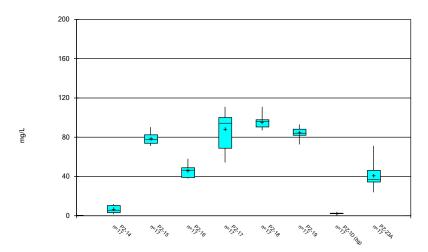
Constituent: pH Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



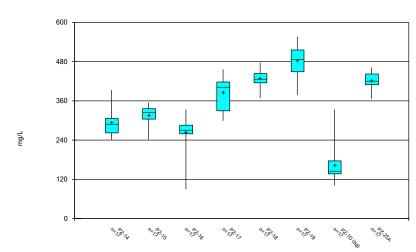
Constituent: Selenium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

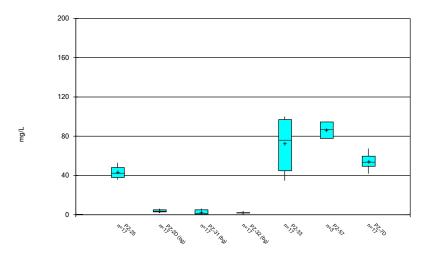
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: TDS Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

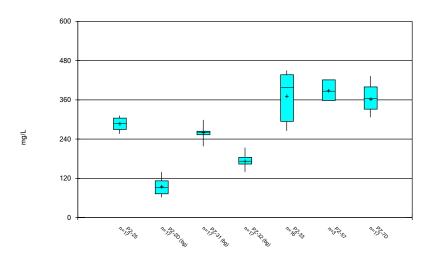
Box & Whiskers Plot



Constituent: Sulfate Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

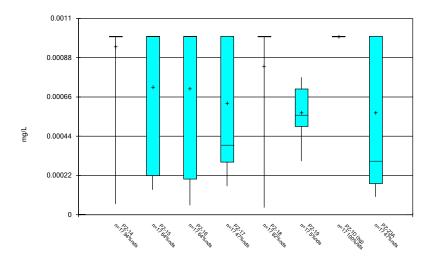
Box & Whiskers Plot



Constituent: TDS Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

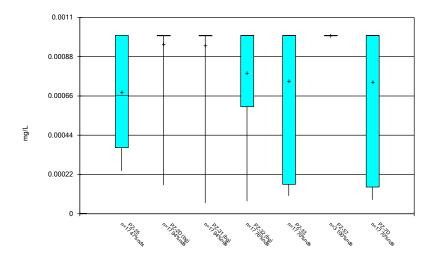
Box & Whiskers Plot



Constituent: Thallium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Box & Whiskers Plot



Constituent: Thallium Analysis Run 3/24/2023 1:44 PM View: Time Series & Box Plot
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

FIGURE C.

Outlier Summary

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/24/2023, 1:45 PM

PZ-33 Barium (mg/L) PZ-1D Calcium (mg/L) PZ-33 PH (SU) PZ-33 TDS (mg/L)

12/8/2016 0.162 (o) 503 (o)

7/11/2017 7.82 (o)

7/11/2018 65.3 (o)

FIGURE D.

Interwell Prediction Limits - Significant Results

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 10:06 AM

Constituent	Well	Upper Lim.	Lower Lim.	<u>Date</u>	Observ.	Sig.	Bg N	Bg Mean	Std. Dev	.%ND	sND Adj.	Transform	Alpha	Method
Boron (mg/L)	PZ-15	0.02629	n/a	2/15/2023	0.21	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02629	n/a	2/15/2023	0.19	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-17	0.02629	n/a	2/16/2023	0.15	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02629	n/a	2/15/2023	0.35	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-19	0.02629	n/a	2/15/2023	0.54	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-23A	0.02629	n/a	2/14/2023	0.13	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02629	n/a	2/15/2023	0.17	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02629	n/a	2/16/2023	0.31	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-7D	0.02629	n/a	2/15/2023	0.21	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-18	109.9	n/a	2/15/2023	164	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-19	109.9	n/a	2/15/2023	144	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	109.9	n/a	2/14/2023	139	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-7D	109.9	n/a	2/15/2023	114	Yes	67	56.91	26.49	1.493	None	No	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-14	4.469	n/a	2/14/2023	4.5	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-15	4.469	n/a	2/15/2023	6.2	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-16	4.469	n/a	2/15/2023	6.2	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-18	4.469	n/a	2/15/2023	4.5	Yes	68	1.087	0.2054	0	None	In(x)	0.0007523	Param Inter 1 of 2
pH (SU)	PZ-18	9.48	6.96	2/15/2023	6.73	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
pH (SU)	PZ-19	9.48	6.96	2/15/2023	6.66	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
pH (SU)	PZ-23A	9.48	6.96	2/14/2023	6.75	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
pH (SU)	PZ-7D	9.48	6.96	2/15/2023	6.92	Yes	70	n/a	n/a	0	n/a	n/a	0.0007693	NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-14	6.304	n/a	2/14/2023	10	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	6.304	n/a	2/15/2023	75.7	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	6.304	n/a	2/15/2023	38.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	6.304	n/a	2/16/2023	54.2	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	6.304	n/a	2/15/2023	96.6	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	6.304	n/a	2/15/2023	78.8	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	6.304	n/a	2/14/2023	35.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	6.304	n/a	2/15/2023	37.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	6.304	n/a	2/16/2023	36	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-7D	6.304	n/a	2/15/2023	49.9	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-15	306.7	n/a	2/15/2023	329	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-16	306.7	n/a	2/15/2023	334	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-18	306.7	n/a	2/15/2023	477	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-19	306.7	n/a	2/15/2023	529	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-23A	306.7	n/a	2/14/2023	414	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-7D	306.7	n/a	2/15/2023	335	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2

Interwell Prediction Limits - All Results

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 10:06 AM

Constituent	Wall	Unnerlim	Laurarlim	Data	Observ	Cia.	Da N	I Da Maa	n Ctd Da	, 0/ NID	aND Adi	Transform	a Alaba	Mathad
Constituent Boron (mg/L)	<u>Well</u> PZ-14	0.02629	Lower Lim. n/a	2/14/2023	Observ.	<u>Sig.</u> No	68	N Bg Mea -4.316	0.3391		None	Transforr In(x)		Method Param Inter 1 of 2
Boron (mg/L)	PZ-14	0.02629	n/a	2/15/2023	0.0233	Yes	68	-4.316	0.3391		None	ln(x)		Param Inter 1 of 2
Boron (mg/L)	PZ-16	0.02629	n/a	2/15/2023	0.19	Yes	68	-4.316	0.3391		None	ln(x)	0.0007523	
Boron (mg/L)	PZ-17	0.02629	n/a	2/16/2023		Yes		-4.316	0.3391		None	ln(x)		Param Inter 1 of 2
Boron (mg/L)	PZ-18	0.02629	n/a	2/15/2023		Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-19	0.02629	n/a	2/15/2023	0.54	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-23A	0.02629	n/a	2/14/2023	0.13	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-25	0.02629	n/a	2/15/2023	0.17	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-33	0.02629	n/a	2/16/2023	0.31	Yes	68	-4.316	0.3391	10.29	None	In(x)	0.0007523	Param Inter 1 of 2
Boron (mg/L)	PZ-7D	0.02629	n/a	2/15/2023	0.21	Yes	68	-4.316	0.3391	10.29	None	ln(x)	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-14	109.9	n/a	2/14/2023	103	No	67	56.91	26.49	1.493	None None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-15	109.9	n/a	2/15/2023	98.1	No	67	56.91	26.49	1.493	None None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-16	109.9	n/a	2/15/2023	88.5	No	67	56.91	26.49	1.493	None None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-17	109.9	n/a	2/16/2023		No	67	56.91	26.49		3 None	No		Param Inter 1 of 2
Calcium (mg/L)	PZ-18	109.9	n/a	2/15/2023	164	Yes	67	56.91	26.49		None	No		Param Inter 1 of 2
Calcium (mg/L)	PZ-19	109.9	n/a	2/15/2023	144	Yes	67	56.91	26.49		None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-23A	109.9	n/a	2/14/2023		Yes		56.91	26.49		None	No		Param Inter 1 of 2
Calcium (mg/L)	PZ-25	109.9	n/a	2/15/2023	86.9	No	67	56.91	26.49		None	No No	0.0007523	Param Inter 1 of 2
Calcium (mg/L)	PZ-33	109.9	n/a	2/16/2023 2/15/2023	92.2	No	67 67	56.91	26.49		None	No	0.0007523	Param Inter 1 of 2
Calcium (mg/L) Chloride (mg/L)	PZ-7D PZ-14	109.9 4.469	n/a n/a	2/14/2023	114 4.5	Yes Yes	68	56.91 1.087	26.49 0.2054	0	None None	No In(x)	0.0007523 0.0007523	Param Inter 1 of 2 Param Inter 1 of 2
Chloride (mg/L)	PZ-14 PZ-15	4.469	n/a	2/15/2023		Yes		1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-16	4.469	n/a	2/15/2023		Yes	68	1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-17	4.469	n/a	2/16/2023		No	68	1.087	0.2054		None	ln(x)	0.0007523	
Chloride (mg/L)	PZ-18	4.469	n/a	2/15/2023	4.5	Yes	68	1.087	0.2054		None	In(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-19	4.469	n/a	2/15/2023	4.1	No	68	1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-23A	4.469	n/a	2/14/2023		No	68	1.087	0.2054		None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-25	4.469	n/a	2/15/2023		No	68	1.087	0.2054		None	ln(x)		Param Inter 1 of 2
Chloride (mg/L)	PZ-33	4.469	n/a	2/16/2023	2.3	No	68	1.087	0.2054	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Chloride (mg/L)	PZ-7D	4.469	n/a	2/15/2023	4.3	No	68	1.087	0.2054	0	None	ln(x)	0.0007523	Param Inter 1 of 2
Fluoride (mg/L)	PZ-14	0.29	n/a	2/14/2023	0.1ND	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-15	0.29	n/a	2/15/2023	0.064J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-16	0.29	n/a	2/15/2023	0.053J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-17	0.29	n/a	2/16/2023	0.077J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-18	0.29	n/a	2/15/2023	0.1ND	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-19	0.29	n/a	2/15/2023	0.086J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-23A	0.29	n/a	2/14/2023	0.084J	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-25	0.29	n/a	2/15/2023	0.16	No	72	n/a	n/a	45.83	3 n/a	n/a	0.0003671	NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-33	0.29	n/a	2/16/2023	0.082J	No	72	n/a	n/a	45.83		n/a		NP Inter (normality) 1 of 2
Fluoride (mg/L)	PZ-7D	0.29	n/a	2/15/2023	0.05J	No	72	n/a	n/a	45.83		n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-14	9.48	6.96	2/14/2023		No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-15	9.48	6.96	2/15/2023 2/15/2023	7.09	No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-16 PZ-17	9.48 9.48	6.96 6.96	2/15/2023		No	70 70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-17 PZ-18	9.48	6.96	2/15/2023		No Yes		n/a n/a	n/a n/a	0	n/a n/a	n/a n/a		NP Inter (normality) 1 of 2 NP Inter (normality) 1 of 2
pH (SU) pH (SU)	PZ-10	9.48	6.96	2/15/2023		Yes		n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-13 PZ-23A	9.48	6.96	2/14/2023		Yes		n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-25	9.48	6.96	2/15/2023		No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-33	9.48	6.96	2/16/2023		No	70	n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
pH (SU)	PZ-7D	9.48	6.96	2/15/2023		Yes		n/a	n/a	0	n/a	n/a		NP Inter (normality) 1 of 2
Sulfate (mg/L)	PZ-14	6.304	n/a	2/14/2023		Yes		1.365	0.2413		None	x^(1/3)		Param Inter 1 of 2
Sulfate (mg/L)	PZ-15	6.304	n/a	2/15/2023	75.7	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-16	6.304	n/a	2/15/2023	38.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-17	6.304	n/a	2/16/2023	54.2	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-18	6.304	n/a	2/15/2023	96.6	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-19	6.304	n/a	2/15/2023	78.8	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-23A	6.304	n/a	2/14/2023	35.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-25	6.304	n/a	2/15/2023	37.1	Yes	68	1.365	0.2413	0	None	x^(1/3)	0.0007523	Param Inter 1 of 2
Sulfate (mg/L)	PZ-33	6.304	n/a	2/16/2023	36	Yes	68	1.365	0.2413		None	x^(1/3)		Param Inter 1 of 2
Sulfate (mg/L)	PZ-7D	6.304	n/a	2/15/2023		Yes		1.365	0.2413		None	x^(1/3)		Param Inter 1 of 2
TDS (mg/L)	PZ-14	306.7	n/a	2/14/2023		No	68	172.9	66.93	0	None	No		Param Inter 1 of 2
TDS (mg/L)	PZ-15	306.7	n/a	2/15/2023		Yes		172.9	66.93	0	None	No		Param Inter 1 of 2
TDS (mg/L)	PZ-16	306.7	n/a	2/15/2023	334	Yes	68	172.9	66.93	0	None	No	0.0007523	
TDS (mg/L)	PZ-17	306.7	n/a	2/16/2023	299	No	68	172.9	66.93	0	None	No		Param Inter 1 of 2
TDS (mg/L)	PZ-18	306.7	n/a	2/15/2023		Yes		172.9	66.93	0	None	No No		Param Inter 1 of 2
TDS (mg/L) TDS (mg/L)	PZ-19 PZ-23A	306.7 306.7	n/a n/a	2/15/2023 2/14/2023		Yes	68 68	172.9 172.9	66.93 66.93	0	None	No No		Param Inter 1 of 2 Param Inter 1 of 2
TDS (mg/L) TDS (mg/L)	PZ-23A PZ-25	306.7	n/a n/a	2/14/2023		Yes No	68	172.9	66.93	0	None None	No No		Param Inter 1 of 2
. = 5 (g, =/		000.1	.,,	_,			-	2.0	55.55	•	. 10.10		3.0001020	

Page 2

Interwell Prediction Limits - All Results

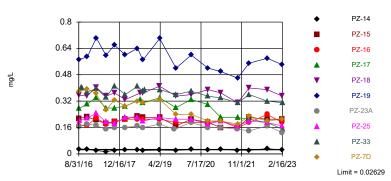
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 10:06 AM

Constituent	Well	Upper Lim.	Lower Lim.	<u>Date</u>	Observ.	Sig.	Bg N	Bg Mear	n Std. Dev	∕.%NE	sND Adj.	Transform	<u>Alpha</u>	Method
TDS (mg/L)	PZ-33	306.7	n/a	2/16/2023	293	No	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2
TDS (mg/L)	PZ-7D	306.7	n/a	2/15/2023	335	Yes	68	172.9	66.93	0	None	No	0.0007523	Param Inter 1 of 2

Exceeds Limit: PZ-15, PZ-16, PZ-17, PZ-18, PZ-19, PZ-23A, PZ-25, PZ-33, PZ-7D

Prediction Limit





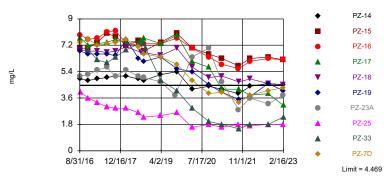
Background Data Summary (based on natural log transformation): Mean=-4.316, Std. Dev.=0.3391, n=68, 10.29% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9605, critical = 0.95. Kappa = 1.998 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

Constituent: Boron Analysis Run 3/27/2023 10:05 AM View: Interwell PL Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: PZ-14, PZ-15, PZ-16, PZ-18

Prediction Limit
Interwell Parametric

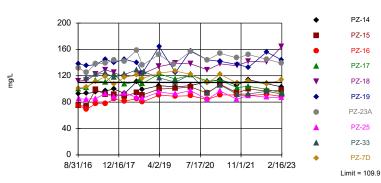


Background Data Summary (based on natural log transformation): Mean=1.087, Std. Dev.=0.2054, n=68. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9604, critical = 0.95. Kappa = 1.998 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: PZ-18, PZ-19, PZ-23A, PZ-7D

Prediction Limit

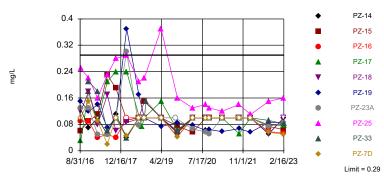


Background Data Summary: Mean=56.91, Std. Dev.=26.49, n=67, 1.493% NDs. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9657, critical = 0.949. Kappa = 2 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

Constituent: Calcium Analysis Run 3/27/2023 10:05 AM View: Interwell PL Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG 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 72 background values. 45.83% NDs. Annual perconstituent alpha = 0.007317. Individual comparison alpha = 0.0003671 (1 of 2). Comparing 10 points to limit.

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

7D

Prediction Limit Exceeds Limits: PZ-18, PZ-19, PZ-23A, PZ-Interwell Non-parametric PZ-14 10 PZ-15 PZ-16 PZ-17 PZ-18 SU PZ-19 PZ-23A PZ-25 2 PZ-33 PZ-7D 0 Limit = 9.48 8/31/16 12/16/17 4/2/19 7/17/20 11/1/21 2/16/23

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. Limits are highest and lowest of 70 background values. Annual perconstituent alpha = 0.01533. Individual comparison alpha = 0.0007693 (1 of 2). Comparing 10 points to limit.

Limit = 6.96

Constituent: pH Analysis Run 3/27/2023 10:05 AM View: Interwell PL Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Prediction Limit

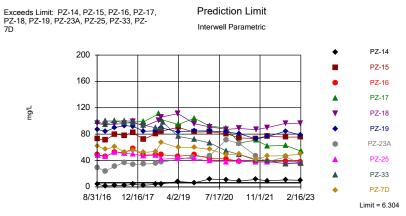
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Exceeds Limit: PZ-15, PZ-16, PZ-18, PZ-19, PZ-23A, PZ-7D Interwell Parametric PZ-14 600 PZ-15 PZ-16 PZ-17 360 PZ-18 PZ-19 240 PZ-23A 120 PZ-25 PZ-33 PZ-7D 8/31/16 12/16/17 4/2/19 7/17/20 11/1/21 2/16/23 Limit = 306.7

Background Data Summary: Mean=172.9, Std. Dev.=66.93, n=68. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9662, critical = 0.95. Kappa = 1.998 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

> Constituent: TDS Analysis Run 3/27/2023 10:05 AM View: Interwell PL Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



Background Data Summary (based on cube root transformation): Mean=1.365, Std. Dev.=0.2413, n=68. Normality test: Shapiro Francia @alpha = 0.01, calculated = 0.9544, critical = 0.95. Kappa = 1.998 (c=7, w=10, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.0007523. Comparing 10 points to limit.

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
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							0.276	0.355	0.573
9/8/2016									
10/5/2016									
10/10/2016									
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							0.303	0.351	0.588
3/21/2017	0.0082 (J)	0.0198 (J)	0.172						
3/22/2017				0.365	0.205	0.218	0.342	0.405	
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		0.278	0.35	0.598
10/17/2017	0.0083 (J)								
10/18/2017		0.0212 (J)	0.158		0.197	0.195	0.277	0.37	
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	0.29	0.33	0.6
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							0.31		0.57
10/4/2018									
10/24/2018									
3/26/2019	0.0082								
3/27/2019		0.023	0.18			0.21		0.41	
3/28/2019				0.33	0.22		0.34		0.7
9/10/2019			0.15						
10/1/2019	0.0064 (X)								
10/2/2019		0.021 (X)			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		0.3	0.39	0.52
3/3/2021	0.01 (J)	0.028 (J)	0.16						0.5
3/4/2021				0.2	0.16	0.2	0.22	0.37	
3/8/2021									
9/14/2021	<0.04								
9/15/2021		0.022 (J)	0.15		0.16	0.16			

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
9/16/2021				0.18			0.22	0.31	0.46
1/25/2022	0.01 (J)								
1/26/2022		0.022 (J)	0.14		0.22	0.19			
1/27/2022				0.23			0.21	0.4	0.55
8/24/2022	0.011 (J)								
8/25/2022		0.032 (J)	0.17 (J)	0.2	0.21	0.24	0.19 (J)	0.39	0.58
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		

					, ,
	PZ-25	PZ-33	PZ-31 (bg)	PZ-32 (bg)	PZ-2D (bg)
8/30/2016					
8/31/2016					
9/1/2016					
9/6/2016					
9/7/2016					
9/8/2016	0.204				
10/5/2016		0.404			
10/10/2016		0.401			
10/18/2016		0.401	0.0174 (J)	0.0156 (J)	
12/6/2016			0.0174 (J) 0.0133 (J)	0.0100 (0)	
12/7/2016			0.0100 (0)	0.0157 (J)	
12/8/2016	0.216	0.375		0.0137 (3)	
	0.210	0.373	0.0103 (1)		
3/21/2017	0.047		0.0103 (J)		
3/22/2017	0.247				
3/23/2017		0.396		0.0103 (J)	
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	V.E	0.38		5.515 (5)	
10/4/2018		0.39			0.016 (J)
10/4/2018		0.39			
			0.0076		0.018 (J)
3/26/2019	0.00		0.0076	0.010	0.010
3/27/2019	0.22	0.00		0.012	0.016
3/28/2019		0.39			
9/10/2019					
10/1/2019				0.011 (X)	
10/2/2019	0.21		0.0084 (X)		0.011 (X)
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	(-)	(-)

	PZ-25	PZ-33	PZ-31 (bg)	PZ-32 (bg)	PZ-2D (bg)
9/16/2021		0.31			
1/25/2022					0.013 (J)
1/26/2022	0.2		<0.04	0.01 (J)	
1/27/2022		0.36			
8/24/2022	0.19	0.32	<0.04	0.022 (J)	0.012 (J)
8/25/2022					
2/14/2023			<0.04	0.012 (J)	0.01 (J)
2/15/2023	0.17				
2/16/2023		0.31			

		PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
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							100	112	138
9.	/8/2016									
1	0/18/2016									
1:	2/6/2016	43.3								
1:	2/7/2016		93.1	125	103	74	68.9			
1:	2/8/2016							102	113	135
3.	/21/2017	44.1	95	138						
3.	/22/2017				111	99.3	77.8	113	122	
3.	/23/2017									137
7.	/11/2017	47.4	97.1	139			77.3			
7.	/12/2017				119	91.4		110	129	145
1	0/17/2017	48.7								
	0/18/2017		100	144		92	84.7	122	125	
1	0/19/2017				107					140
2	/20/2018	46.8	93.1	142						
	/21/2018				118	89	81.8	107	118	145
	/12/2018									
	/23/2018									
	/13/2018									
	/11/2018	65.3 (o)	111	159						
	/12/2018	,			121	94.5	85.2			140
	/15/2018								123	
	/16/2018							113		
	/17/2018									
	/12/2018	46.6	99.3							
	/13/2018			136	116	90.8	80.2		123	
	/14/2018			.00		00.0	00.2	108	.20	124
	0/4/2018									
	0/24/2018									
	/26/2019	43.3								
	/27/2019	10.0	105	152			90.5		134	
	/28/2019			.02	124	100	00.0	123		164
	/10/2019			137		.00		.20		
	0/1/2019	46.8								
	0/2/2019		103			101	89.1	115		
	0/3/2019				127				139	125
	/24/2020	48			127				100	120
	/25/2020	40	105	157				121		
	/26/2020				122	103	89.8		138	158
	0/6/2020	50.5	111	144	122	100	84		100	100
	0/7/2020	30.3	***	177	109	93.5	04	112	129	144
	/3/2021	54.7	114	154	100	55.5		112	120	142
	/4/2021	04.7	114	10-1	122	107	90.9	113	138	142
	/8/2021						-0.0		.00	
	/14/2021	51								
	/15/2021		106	147		94	91			
	/16/2021				109	÷ *		102	135	137
	/25/2022	53.1			. 30				.50	· - ·

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
1/26/2022		114	152		100	90.1			
1/27/2022				112			104	142	133
8/24/2022	45.8								
8/25/2022		108	145	107	96.7	92	99.5	141	156
2/14/2023	56.2	103	139						
2/15/2023				114	98.1	88.5		164 (M1)	144
2/16/2023							94.1		

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
8/30/2016					
8/31/2016					
9/1/2016					
9/6/2016					
9/7/2016					
9/8/2016	85.2				
10/18/2016		57.2	88.3		
12/6/2016			83.4		
12/7/2016		52.8			
12/8/2016	84.5	02.0		117	
3/21/2017	00		94	,	
3/22/2017	85.3		34		
3/23/2017	65.5	59.1		122	
	03		96	122	
7/11/2017	93	59.7	86	104	
7/12/2017		64.0	01.0	124	
10/17/2017	07.0	64.9	91.6		
10/18/2017	87.6				
10/19/2017				118	
2/20/2018		64.1	86.5		
2/21/2018	93.9			122	
4/12/2018					<25
5/23/2018					17.6 (J)
6/13/2018					14.3
7/11/2018		60.4	95.4		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	66.6	95.8		-0.0
3/25/2020	07.0	55.5	55.6	122	
		62.8	08.8	122	22.7
10/6/2020	84.2	62.8	98.8	04.7	22.7
10/7/2020	84.2	CA 0 /844\	104	94.7	
3/3/2021	96.8	64.8 (M1)	104	100	
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

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
1/26/2022	90.2	69.2	102		
1/27/2022				92.5	
8/24/2022	87.6	67.1	95.2	96.5	27.3
8/25/2022					
2/14/2023		69.3	99.9		30.2
2/15/2023	86.9				
2/16/2023				92.2	

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
8/30/2016	3.1								
8/31/2016		4.9	5.1						
9/1/2016				7	7.4				
9/6/2016						7.9			
9/7/2016							7.7	6.9	6.8
9/8/2016									
10/18/2016									
12/6/2016	3.4								
12/7/2016		4.8	5.2	7	7.6	7.6			
12/8/2016							7.2	6.8	6.6
3/21/2017	2.9	4.9	5.5						
3/22/2017				7.4	7.2	7.7	7.3	6.8	
3/23/2017									6.6
7/11/2017	3.4	5	5.7			8.1			
7/12/2017				8	7.3		7.4	6.7	6.6
10/17/2017	3.3								
10/18/2017		5.1	5.1	7.8		8.2	7.6	6.8	
10/19/2017					7.4				6.5
2/20/2018	3.3	5.1	5.5						
2/21/2018				7.2	7.6	7.3	7.4	7.1	7.6
4/12/2018									
5/23/2018									
6/13/2018									
7/11/2018	2.9	4.9	5.1						
7/12/2018				7.5	7.1	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	6.8	6.6	7.3		6.7	
9/14/2018							7.7		6.1
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				7.4	6.4		7.3		6.4
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				7	4.8	7		5.7	5.4
10/6/2020	3	4.4	7			6.4			
10/7/2020				6.6	3.9		5.7	5	4.5
3/3/2021	2.8	4.2	4.7						4
3/4/2021				6.3	4	5.9	4.2	5.1	
3/8/2021									
9/14/2021	2.9								
9/15/2021		3.9	2.8	5.8		5.6			
9/16/2021					3.3		4.2	4.7	3.5
1/25/2022	2.9								

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
1/26/2022		4.4	3.6	6.3		6.1			
1/27/2022					3.8		3.8	4.9	3.7
8/24/2022	2.6								
8/25/2022		4.6	3.2	6.4	4.1	6.3	3.9	4.6	4.6
2/14/2023	3	4.5	3.8						
2/15/2023				6.2	4.3	6.2		4.5	4.1
2/16/2023							3.1		

PCAD PCAD (MA) PCAD (MA) PCAD (MA) ADMIDITION SAMERINE SAMERINE SAMERINE PRIVATION SAMERINE SAMERINE SAMERINE PRIVATION SAMERINE SAMERINE SAMERINE PRIVATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE PARTICIPATION SAMERINE SAMERINE SAMERINE	802016 802				r idit witche	Sii Ciletti. Oddilett	Todilpally Data. Militial Ash Folia Con
8010016 1 </th <th>8012016 1</th> <th></th> <th>PZ-25</th> <th>PZ-32 (bg)</th> <th>PZ-31 (bg)</th> <th>PZ-33</th> <th>PZ-2D (bg)</th>	8012016 1		PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
Second S	Service Serv						
690216 4 980216 4 10182018 1 12862016 4 12862016 3 12862016 4 12862016 3 2382017 38 3222017 28 3322017 33 17112017 3 31 47 17122017 3 32 45 17122017 3 3 47 17122017 3 47 6 17122017 3 3 46 17122017 3 4 5 17122017 4 4 5 17122018 2 1722019 2 1722018 2 17122018 2 17122018 2 17122019 2 17122019 2 17122019 2 17122019 <	Septical S						
Principal Prin	Principal Prin						
980/25 101/262016 3.5 4.5 12/262016 - 3.5 4.5 12/262016 - 3.2 - 12/262017 - 4.3 - 32/22017 3.3 - 6.2 32/22017 3.3 3.1 4.7 7/122017 3.0 4.5 - 7/122017 3.1 4.5 - 10/122017 3.1 4.5 - 10/122017 3.2 4.5 - 10/122018 2.9 - 6.4 22/122018 2.9 - 6.9 4/122018 2.9 4.4 2.6 5/232019 2.1 2.8 2.8 8/152018 2.2 2.8 2.8 8/152018 2.2 2.3 2.3 9/132018 2.3 2.7 2.5 9/132018 3.1 4.8 2.8 9/132018 2.4 3.1 2.5 <t< td=""><td>980/15 4 10**182016 3.5 4.5 12**10710 3.2 4.3 12**2017 3.6 4.3 32**2017 3.3 4.3 32*2017 3.3 4.7 77**12017 3.0 4.7 77**12017 3.1 4.7 10**12017 3.0 4.6 10**12017 3.0 4.6 10**12017 3.0 4.6 20**20018 3.0 4.6 20**20018 3.0 4.6 20**20018 3.0 4.4 41/22018 2.9 4.4 41/22018 2.0 5.5 41/22018 2.0 2.6 81/2018 2.0 2.6 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 <</td><td>9/6/2016</td><td></td><td></td><td></td><td></td><td></td></t<>	980/15 4 10**182016 3.5 4.5 12**10710 3.2 4.3 12**2017 3.6 4.3 32**2017 3.3 4.3 32*2017 3.3 4.7 77**12017 3.0 4.7 77**12017 3.1 4.7 10**12017 3.0 4.6 10**12017 3.0 4.6 10**12017 3.0 4.6 20**20018 3.0 4.6 20**20018 3.0 4.6 20**20018 3.0 4.4 41/22018 2.9 4.4 41/22018 2.0 5.5 41/22018 2.0 2.6 81/2018 2.0 2.6 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 2.8 81/2018 2.0 <	9/6/2016					
10122016	1018/2016	9/7/2016					
124/2016	1282016	9/8/2016	4				
128/2016 3	128/2016	10/18/2016		3.5	4.5		
1980/101	1980 1980	12/6/2016			5		
32/20/21 3 3/20/22/21 3 3 2/30/22/21 3 1 4 7/11/20/17 3 3.1 4 7 7/11/20/17 3 3.1 4 7 10/17/20/17 2 3 4.6 7 10/18/20/17 2 5 5 64 20/20/20/18 3 4.4 6 2/21/20/18 3 4.4 5 2/21/20/18 2 5 5 6 6/32/20/18 2 5 5 6 6/32/20/18 2 5 5 2 6 6/32/20/18 2 8 4 2 2 6 7/1/20/18 8 4 2 2 8 1 2 2 8 1 2 2 8 1 2 3 1 1 2 1 3 1 1 3 1 1 3 <td>3222017 3 3 3 3 3 3 7 7 7 7 7 7 7 7 7 7 7 7 7</td> <td>12/7/2016</td> <td></td> <td>3.2</td> <td></td> <td></td> <td></td>	3222017 3 3 3 3 3 3 7 7 7 7 7 7 7 7 7 7 7 7 7	12/7/2016		3.2			
3222017 33 29 62 7/1/2017 3 3.1 4.7 7/1/2017 5 4.6 1 101/32017 2.9 4.6 1 101/32017 2.9 4.6 1 2/20/2018 3 4.4 2 2/20/2018 9 4 5.9 4/1/2018 2.9 4 5.9 6/3/2018 4 2.5 6/3/2018 4 2.5 8/1/2018 2.8 4 2.5 8/1/2018 2.8 4 2.6 8/1/2018 2.8 4 2.6 8/1/2018 2.8 4 2.3 9/1/2018 2.8 2.2 2.3 9/1/2018 2.8 2.2 2.3 9/1/2018 2.9 2.2 2.5 3/26/2019 2.4 3.1 2.5 3/26/2019 2.8 3.8 2.9 3/26/2019 2.9	3222217 33 29 62 7/11/2017 3 3.1 47 7/12/2017 5 4.6 1 101/2017 2.9 4.6 1 101/2017 3 4.6 1 101/2017 3 4.6 1 2/1018 2.9 4 4 2/1018 2.9 4 5.2 2/102018 2.9 4 5.2 4/122018 2.9 2.8 4 2.5 5/232018 2.8 4 2.5 7/112018 2.8 4 2.6 7/112018 2.8 4 2.6 8/152018 1 2.8 3.7 2.8 8/152018 2.3 2.2 2.9 9/122018 2.3 2.2 2.7 104/2018 3.1 4 2.7 104/2018 3.1 4 2.7 104/2019 2.6 4 3.1 <td>12/8/2016</td> <td>3.6</td> <td></td> <td></td> <td>6.9</td> <td></td>	12/8/2016	3.6			6.9	
1711/2017 2 2 6 6 6 7 7 7 7 7 7 7	3222017	3/21/2017			4.3		
7/11/22017 3 3.1 4.7 7/11/22017 3 4.6 1011/22017 10/11/22017 2.9 1 6.4 20/20018 3 4.4 22/20/2018 2.9 4.4 2/11/2018 2.9 4 2.5 4.1 2.5 6/13/2018 4 2.5 4.1 2.6 4.1 <	711/2017	3/22/2017	3.3				
10172017	10172017	3/23/2017		2.9		6.2	
1017/2017	10172017	7/11/2017	3	3.1	4.7		
10192017	1019/2017	7/12/2017				6	
1019 2017	1019 2017	10/17/2017		3	4.6		
2/2/2018 3		10/18/2017	2.9				
1212018	221/2018	10/19/2017				6.4	
41/2/2018	41/2/2018	2/20/2018		3	4.4		
\$723/2018 2.5 6113/2018 2.8 4 2.6 7/11/2018 2.8 4 2.6 7/11/2018 2.6 7.3 3 8/15/2018 3.7 2.6 3 8/17/2018 3.7 2.6 3 9/13/2018 2.3 2.2 3.7 2.3 9/14/2018 2.3 2.2 7.3 2.7 10/24/2018 3.8 3.8 3.8 3/28/2019 3.8 3.8 3.8 3/28/2019 4 3.1 4.8 910/2019 10/1/2019 2.6 4.3 2.7 10/2019 1.6 2.2 3 3.28/2020 2.7 10/2020 2.2 3 3.28/2020 2.2 3 3.28/2020 1.6 2.2 3 3.4 2.2 3 3.28/2020 1.6 2.2 3 3.4 2.3 3.3/2021 3.3/2021 3.8 3.1 3.28/2020 3.2 3.2 3.2	5/23/2018 2.5 6/13/2018 2.8 4 2.6 7/11/2018 2.6 7.3 2.8 8/15/2018 2.6 7.3 2.8 8/15/2018 3.7 2.6 2.3 9/12/2018 2.3 2.2 2.3 2.3 9/13/2018 2.3 2.2 7.3 2.7 10/2/2018 2.3 3.8 2.7 2.7 10/2/2018 3.1 2.5 2.8 3/2/2019 2.4 3.1 2.5 2.5 3/2/2019 2.4 3.1 2.5 2.5 3/2/2019 2.4 3.1 2.7 2.7 10/2/2019 2.6 4.3 2.7 2.7 10/2/2019 2.6 4.3 2.7 2.7 10/2/2019 2.6 4.3 2.7 2.7 10/2/2019 2.6 2.2 3.2 2.2 3/2/2020 1.8 2.2 3.2 2.2	2/21/2018	2.9			6.9	
6/13/2018	6/13/2018	4/12/2018					2.6
7/11/2018	7/11/2018	5/23/2018					2.5
7/12/2018	7/12/2018	6/13/2018					2.5
8/15/2018 8/17/2018 8/17/2018 8/17/2018 8/17/2018 9/12/2018 9/12/2018 2.3 9/14/2018 2.3 10/4/2018 10/4/2018 1	8/15/2018 8/15/2018 2.6 8/17/2018 2.3 2.2 9/13/2018 2.3 2.2 9/14/2018 2.3 2.2 9/14/2018 2.3 2.2 9/14/2018 2.0 7.3 10/24/2018 2.0 2.7 10/24/2018 3.8 2.5 3/26/2019 2.4 3.1 2.5 3/28/2019 4.8 2.5 3/28/2019 3.1 2.7 10/12/2019 2.6 4.3 2.7 10/2/2019 2.6 4.3 2.7 10/3/2019 1.6 2.2 3 3/26/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.3 10/7/2020 1.8 2.2 3.1 3/2/2021 1.6 2.2 3.1 3/2/2021 1.6 2.2 3.1 3/2/2021 1.6 2.2 3.1 3/2/2021 1.8 2.4 9/14/2021 2.5 2.5 3/2/2021	7/11/2018		2.8	4		2.6
8/16/2018 2.6 9/12/2018 3.7 2.3 9/13/2018 2.3 2.2 9/13/2018 7.3 7.3 10/4/2018 7.2 2.7 10/24/2018 8.3 2.8 3/26/2019 3.8 3.8 3/28/2019 4.8 4.8 9/10/2019 4.8 4.8 10/1/2019 3.1 4.3 2.7 10/3/2019 4.3 2.7 10/3/2019 1.6 2.2 3 3/24/2020 1.6 2.2 3 3/26/2020 1.6 2.2 3 10/6/2020 1.8 2.2 3.1 3/3/2021 1.6 2.2 3.1 3/3/2021 1.6 2.2 3.1 3/3/2021 1.6 2.2 3.1	8/16/2018 2.6 9/12/2018 3.7 2.3 9/13/2018 2.3 2.2 9/14/2018 7.3 7.3 10/4/2018 7.3 2.7 10/24/2018 8.8 2.8 3/26/2019 3.8 2.5 3/28/2019 4.8 8 9/10/2019 3.1 4.8 10/1/2019 3.1 2.7 10/3/2019 4.3 2.7 10/3/2019 2.6 4.3 2.7 3/26/2020 1.6 2.2 3 3/26/2020 1.6 2.2 3 3/26/2020 1.6 2.2 3 10/7/2020 1.8 2.3 3.4 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 2.2 3.1 3.8 3/3/2021 1.6 2.2 3.1 3/4/2021 2.4 3.1 2.4 9/14/2021 2.8 2.8	7/12/2018	2.6			7.3	
8/17/2018 2.3 3.7 2.3 9/13/2018 2.3 2.2 7.3 9/14/2018 7.3 2.7 10/4/2018 7.3 2.7 10/24/2018 8.3 2.8 3/26/2019 3.8 2.5 3/28/2019 2.4 3.1 2.5 9/10/2019 4.8 9/10/2019 10/1/2019 3.1 2.7 10/3/2019 2.6 4.3 2.7 10/3/2019 4.1 2.2 3/26/2020 1.6 2.2 3 3/26/2020 1.6 2.2 3 10/6/2020 1.8 2.3 3.4 2.3 10/7/2020 1.8 2.3 3.1 2.3 3/3/2021 1.6 2.2 3.1 3.1 3/3/2021 1.6 2.2 3.1 3.1 3/3/2021 1.6 2.2 3.1 3.1 3/3/2021 1.6 2.2 3.1 3.1 3/3/2021 1.6 2.2 3.1 3.1 <td> 8/17/2018</td> <td>8/15/2018</td> <td></td> <td></td> <td></td> <td></td> <td></td>	8/17/2018	8/15/2018					
9/12/2018 3.7 2.3 9/13/2018 2.3 2.2 9/14/2018 7.3 7.3 10/4/2018 7.2 2.7 10/24/2018 3.8 3.8 3/26/2019 3.8 3.8 3/27/2019 2.4 3.1 2.5 3/28/2019 4.8 4.8 9/10/2019 3.1 2.7 10/1/2019 2.6 4.3 2.7 10/3/2019 4.1 2.2 3/24/2020 1.6 2.2 3 3/26/2020 1.6 2.2 3 10/7/2020 1.8 2.2 3.1 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 2.2 3.1	9/12/2018	8/16/2018					
9/13/2018 2.3 2.2 9/14/2018 7.3 10/4/2018 7.3 10/24/2018 7.3 3/26/2019 7.3 3/27/2019 2.4 3.1 2.5 3/28/2019 7.3 3/28/2019 7.3 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 10/12/2019 7.3 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	9/13/2018 2.3 2.2 9/14/2018 7.3 10/4/2018 7.3 10/4/2018 2.7 10/24/2018 2.8 3/26/2019 3.8 3/27/2019 2.4 3.1 3/28/2019 4.8 9/10/2019 3.1 10/1/2019 2.6 4.3 10/3/2019 4.1 3/24/2020 4.3 3/24/2020 2.6 4.3 3/25/2020 1.6 2.2 3 3/26/2020 1.6 2.2 3 10/6/2020 1.8 2.3 3.4 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/4/2021 2.2 3.1 3/4/2021 2.5 4.8	8/17/2018					2.6
9/14/2018	9/14/2018	9/12/2018			3.7		2.3
10/4/2018 7 2.7 10/24/2018 3.8 2.8 3/26/2019 2.4 3.1 2.5 3/28/2019 4.8 9/10/2019 10/1/2019 3.1 4.3 2.7 10/1/2019 2.6 4.3 2.7 10/3/2019 4.1 4.1 3/24/2020 4.1 2.2 3/25/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.3 10/7/2020 1.8 2.2 3.1 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1	10/4/2018 7 2.7 10/24/2018 3.8 2.8 3/27/2019 2.4 3.1 2.5 3/28/2019 4.8 9/10/2019 9/10/2019 3.1 4.8 10/1/2019 2.6 4.3 2.7 10/1/2019 2.6 4.3 2.7 10/1/2019 1.6 2.2 3 3/24/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.3 10/7/2020 1.8 2 3.1 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 2.2 3.1 3/8/2021 2.2 3.1 3/8/2021 2.2 3.1 3/8/2021 2.2 3.1 3/8/2021 2.2 2.5 9/15/2021 1.8 2.8	9/13/2018	2.3	2.2			
10/24/2018 2.8 3/26/2019 2.4 3.1 2.5 3/28/2019 4.8 4.8 9/10/2019 3.1 4.8 10/1/2019 3.1 2.7 10/3/2019 4.3 2.7 3/24/2020 4.3 2.7 3/24/2020 2.2 3 3/26/2020 1.6 2.2 3 10/7/2020 1.8 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/4/2021 1.8 2.2 3.1 3/4/2021 1.8 2.2 3.1	10/24/2018	9/14/2018				7.3	
3/26/2019 3.8 3/27/2019 2.4 3.1 2.5 3/28/2019 4.8 4.8 9/10/2019 3.1 4.3 2.7 10/2/2019 2.6 4.3 2.7 10/3/2019 4.1 3/24/2020 3/24/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.9 10/6/2020 1.8 2.2 3.1 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1	3/26/2019 2.4 3.1 2.5 3/28/2019 4.8 4.8 9/10/2019 3.1 2.7 10/1/2019 2.6 4.3 2.7 10/2/2019 2.6 4.3 2.7 3/24/2020 1.6 2.2 3 3/24/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.9 10/7/2020 1.8 2 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/8/2021 2.2 2.4 9/14/2021 2.2 2.8	10/4/2018				7	2.7
3/27/2019 2.4 3.1 2.5 3/28/2019 4.8 4.8 9/10/2019 3.1 4.8 10/1/2019 3.1 2.7 10/3/2019 4.3 2.7 3/24/2020 1.6 2.2 3 3/25/2020 1.6 2.2 3 10/6/2020 2.3 3.4 2.3 10/7/2020 1.8 2.2 3.1 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 2.2 3.1	3/27/2019 2.4 3.1 2.5 3/28/2019 4.8 4.8 9/10/2019 3.1 4.3 2.7 10/2/2019 2.6 4.3 2.7 10/3/2019 4.1 3/24/2020 3/24/2020 1.6 2.2 3 3/26/2020 1.6 2.2 3 10/6/2020 2.3 3.4 2.3 10/7/2020 1.8 2 3.1 3/3/2021 1.6 2.2 3.1 3/4/2021 2.2 3.1 2.4 9/14/2021 2.2 2.8 2.4 9/15/2021 1.8 2.8 2.8	10/24/2018					2.8
3/28/2019 4.8 9/10/2019 3.1 10/2/2019 2.6 4.3 2.7 10/3/2019 4.1 2.2 3/24/2020 1.6 2.2 3 3/26/2020 1.6 2.3 3.4 2.9 10/6/2020 1.8 2.3 3.4 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8	3/28/2019 4.8 9/10/2019 3.1 10/2/2019 2.6 4.3 2.7 10/3/2019 4.1 3/24/2020 3/24/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.9 10/6/2020 1.8 2 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/8/2021 2.2 3.1 2.4 9/14/2021 2.2 2.8 2.5	3/26/2019			3.8		
9/10/2019 10/1/2019 2.6 4.3 2.7 10/3/2019 3/24/2020 3/25/2020 1.6 2.2 3/26/2020 1.6 2.3 3/26/2020 2.3 3.4 2.9 10/6/2020 1.8 2.2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8	9/10/2019 3.1 10/2/2019 2.6 4.3 2.7 10/3/2019	3/27/2019	2.4	3.1			2.5
10/1/2019 3.1 10/2/2019 2.6 4.3 2.7 10/3/2019 4.1 2.2 3/24/2020 1.6 2.2 3 3/25/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.9 10/6/2020 1.8 2.3 3.4 2.3 3/3/2021 1.6 2.2 3.1 1.8	10/1/2019 3.1 10/2/2019 2.6 4.3 2.7 10/3/2019	3/28/2019				4.8	
10/2/2019 2.6 4.3 2.7 10/3/2019 4.1 2.2 3/24/2020 1.6 2.2 3 3/25/2020 1.6 2.2 3 10/6/2020 2.3 3.4 2.3 10/7/2020 1.8 2 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8	10/2/2019 2.6 4.3 2.7 10/3/2019 4.1 2.2 3/24/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.9 10/6/2020 1.8 2 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/8/2021 2.2 3.1 2.4 9/14/2021 2.2 2.8 2.5	9/10/2019					
10/3/2019 4.1 3/24/2020 2.2 3/25/2020 1.6 2.2 2.9 10/6/2020 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 2.2 3.1 1.8	10/3/2019 4.1 3/24/2020 1.6 2.2 3 3/25/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.9 10/6/2020 1.8 2 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/8/2021 2.2 2.4 9/14/2021 2.2 2.8			3.1			
3/24/2020 1.6 2.2 3 3/25/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.3 10/6/2020 1.8 2 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8	3/24/2020 1.6 2.2 3 3/25/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.9 10/6/2020 1.8 2 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.6 2.2 3.1 3/8/2021 2.2 3.1 3/8/2021 2.2 2.4 9/14/2021 2.2 2.5 9/15/2021 1.8 2.8		2.6		4.3		2.7
3/25/2020 1.6 2.2 3 3/26/2020 5 2.9 10/6/2020 2.3 3.4 2.3 10/7/2020 1.8 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8	3/25/2020 1.6 2.2 3 3/26/2020 2.3 3.4 2.3 10/6/2020 1.8 2 2.3 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8 2.4 9/14/2021 2.2 2.8					4.1	
3/26/2020 2.9 10/6/2020 2.3 3.4 2.3 10/7/2020 1.8 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8	3/26/2020 2.9 10/6/2020 2.3 10/7/2020 1.8 3/3/2021 1.6 3/4/2021 1.8 3/8/2021 1.8 3/8/2021 2.2 9/14/2021 2.2 9/15/2021 1.8						2.2
10/6/2020 2.3 3.4 2.3 10/7/2020 1.8 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8	10/6/2020 2.3 3.4 2.3 10/7/2020 1.8 2 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 2.4 9/14/2021 2.2 2.8	3/25/2020	1.6	2.2	3		
10/7/2020 1.8 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8	10/7/2020 1.8 2 3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 1.8 3/8/2021 2.2 2.4 9/14/2021 2.2 2.5 9/15/2021 1.8 2.8	3/26/2020				2.9	
3/3/2021 1.6 2.2 3.1 3/4/2021 1.8	3/3/2021 1.6 2.2 3.1 3/4/2021 1.8 3/8/2021 2.2 9/14/2021 2.2 9/15/2021 1.8 2.8	10/6/2020		2.3	3.4		2.3
3/4/2021 1.8	3/4/2021 1.8 3/8/2021 2.4 9/14/2021 2.2 9/15/2021 1.8 2.8	10/7/2020				2	
	3/8/2021 2.4 9/14/2021 2.2 9/15/2021 1.8 2.8	3/3/2021	1.6	2.2	3.1		
	9/14/2021 2.2 2.5 9/15/2021 1.8 2.8					1.8	
	9/15/2021 1.8 2.8						
				2.2			2.5
	0.14.0/0.004		1.8		2.8		
9/16/2021 1.5						1.5	
	1/25/2022 2.4	1/25/2022					2.4

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
1/26/2022	1.7	2.4	3.2		
1/27/2022				1.8	
8/24/2022	1.8	2.7	3	1.8	2.1
8/25/2022					
2/14/2023		2.7	3.3		2.6
2/15/2023	1.8				
2/16/2023				2.3	

	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				(1)	(1)		(,,		(-)
5/23/2018									
6/13/2018									
7/11/2018	<0.1	<0.1	0.077 (J)						
7/12/2018	-0.1	-0.1	0.077 (0)	<0.1	<0.1	<0.1		0.17 (J)	
8/15/2018				-0.1	-0.1	-0.1	<0.1	0.17 (0)	
8/16/2018							~ 0.1		0.073 (J)
8/17/2018									0.073 (0)
9/12/2018	0.034 (J)	<0.1							
9/13/2018	0.054 (5)	٦٥.1	<0.1	<0.1	0.15 (J)	<0.1	<0.1		
9/14/2018			~0.1	~0.1	0.13 (3)	~0.1	~ 0.1	<0.1	<0.1
10/4/2018								~0.1	-0.1
10/4/2018									
	-0.1								
3/26/2019	<0.1	-0.1	-0.1			-0.1	-0.1		
3/27/2019		<0.1	<0.1	-0.4	0.1	<0.1	<0.1	0.074	0.15
3/28/2019			-0.1	<0.1	0.1			0.074	0.15
9/10/2019	0.062 (X)		<0.1						
10/1/2019	0.062 (X)	0.056 (X)			0.075 (V)	0.052 (V)			0.062 (V)
10/2/2019		0.056 (X)		0.044.00	0.075 (X)	0.053 (X)	0.040.00	0.004 (00)	0.063 (X)
10/3/2019	.0.4			0.041 (X)			0.043 (X)	0.084 (X)	
3/24/2020	<0.1	.0.4	0.000 (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)	
3/4/2021				<0.1	<0.1	<0.1	<0.1		<0.1
3/8/2021									
9/14/2021	<0.1								

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-18	PZ-19	PZ-17
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)
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)

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
8/30/2016			, •,		
8/31/2016					
9/1/2016					
9/6/2016					
9/7/2016					
9/8/2016	0.25 (J)				
10/18/2016	()	0.11 (J)	0.16 (J)		
12/6/2016		0.1.1 (0)	0.15 (J)		
12/7/2016		0.07 (J)	0.10 (0)		
12/7/2010	0.22 (J)	0.07 (3)		0.21 (J)	
3/21/2017	0.22 (3)		0.03 (1)	0.21 (3)	
	0.16 (1)		0.02 (J)		
3/22/2017	0.16 (J)	-0.1		0.40 (1)	
3/23/2017	0.00 (1)	<0.1	0.00 (1)	0.18 (J)	
7/11/2017	0.23 (J)	0.02 (J)	0.06 (J)		
7/12/2017				0.06 (J)	
10/17/2017		<0.1	0.05 (J)		
10/18/2017	0.28 (J)				
10/19/2017				<0.1	
2/20/2018		<0.1	0.21 (J)		
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		<0.1	0.087 (J)		<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				0.10 (0)	0.29 (J)
3/26/2019			<0.1		0.25 (0)
3/27/2019	0.37	<0.1	~ 0.1		0.04
	0.37	~ 0.1		-0.1	U.U 4
3/28/2019				<0.1	
9/10/2019		0.040.00			
10/1/2019		0.042 (X)			A 14 00
10/2/2019	0.16 (X)		0.057 (X)		0.11 (X)
10/3/2019				0.06 (X)	
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		
3/4/2021				<0.1	
3/8/2021					<0.1
9/14/2021		<0.1			0.089 (J)

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
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	
8/24/2022	0.15	0.058 (J)	0.069 (J)	0.092 (J)	0.088 (J)
8/25/2022					
2/14/2023		<0.1	0.059 (J)		0.076 (J)
2/15/2023	0.16				
2/16/2023				0.082 (J)	

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17	
8/30/2016	7.67									
8/31/2016		6.97	6.75							
9/1/2016				7.07	7.21					
9/6/2016						7.23				
9/7/2016							6.71	6.92	7.02	
9/8/2016										
10/4/2016										
10/5/2016										
10/17/2016										
10/18/2016										
12/6/2016	7.57									
12/7/2016		6.85	6.64	6.85	7.13	7.3				
12/8/2016							6.61	6.9	6.95	
3/21/2017	7.54	7.04	6.73							
3/22/2017				6.99	7.04	7.2		7	7.05	
3/23/2017							6.69			
7/11/2017	7.43	6.88	6.66			7.31				
7/12/2017				6.83	7.09		6.69	6.95	7.06	
10/17/2017	7.7									
10/18/2017		6.77	6.73		7.2	7.28	6.88		6.99	
10/19/2017				6.91			6.85			
2/20/2018	7.57	7.32 (D)	7.11	0.0 .			0.00			
2/21/2018	7.07	7.02 (3)	7	6.97	7.11	7.1	6.66	6.89	6.95	
7/11/2018	7.48	7.12	7	0.07	7.11	7.1	0.00	0.00	0.50	
7/12/2018	7.40	7.12	•	6.85	7.07	7.14	6.84	7.01	7.06	
8/15/2018				0.00	7.07	7.1-	0.04	6.87	7.00	
8/16/2018								0.07	7.01	
9/12/2018	7.41	6.87							7.0.	
9/13/2018		0.07	6.56	6.88	7.01	7.08		6.86		
9/14/2018			0.00	0.00		7.00	6.76	0.00	6.83	
3/26/2019	7.49						0.70		0.00	
3/27/2019	7.10	6.98	6.75			7.23		6.92		
3/28/2019		0.00	0.70	6.96	7.84	7.20	6.67	0.02	6.97	
9/10/2019			6.78	0.00	7.0.		0.07		0.07	
10/1/2019	7.5		0.70							
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				7.12	7.08	7.12	6.7	7.01		
8/25/2020	7.49									
8/26/2020	7.10	6.98	6.64	7.01	7.08	7.18	6.68		6.98	
8/27/2020								6.88		
10/6/2020	7.35	7.01	6.78			7.24				
10/7/2020				6.98	7.11		6.78	6.91	7.04	
3/3/2021	7.56	6.99	6.79				6.78			
3/4/2021				6.95	7.09	7.34		6.91	7.09	
3/8/2021										
9/14/2021	7.45									
9/15/2021		6.94	6.72		7.09	7.12				
9/16/2021			<u>-</u>	6.96		-	6.77	6.85	7.03	
1/25/2022	7.51						,			
	· - ·									

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-7D	PZ-15	PZ-16	PZ-19	PZ-18	PZ-17
1/26/2022		7.05	6.83		7.33	7.26			
1/27/2022				7.03			6.8	6.92	7.03
8/24/2022	7.49								
8/25/2022		6.93	6.76	6.98	7.15	7.14	6.67	6.76	7.05
10/11/2022									
2/14/2023	7.43	7.04	6.75						
2/15/2023				6.92	7.09	7.1	6.66	6.73	
2/16/2023									7.14

	D7.05	D7 22	D7 22 (ba)	D7 21 /h-)	D7 20 /k-)
8/30/2016	PZ-25	PZ-33	PZ-32 (bg)	PZ-31 (bg)	PZ-2D (bg)
8/31/2016					
9/1/2016					
9/6/2016					
9/7/2016					
9/8/2016	7.1				
10/4/2016	7.1	6.88			
10/5/2016		6.91			
10/17/2016		0.51	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 (o)	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		
2/21/2018	7.12	7.02			
7/11/2018			7.39	7.26	9.48
7/12/2018		6.82		7.01	
8/15/2018					
8/16/2018					
9/12/2018				7.02	9.07
9/13/2018	7.03		7.25		
9/14/2018		6.75			
3/26/2019				7	
3/27/2019	7.08		7.42		8.76
3/28/2019		6.96			
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
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		7.31	0.55	8.96
9/15/2021	7.05			6.99	
9/16/2021		7.1			
1/25/2022					8.4

	PZ-25	PZ-33	PZ-32 (bg)	PZ-31 (bg)	PZ-2D (bg)
1/26/2022	7.28		7.44	7.1	
1/27/2022		7.18			
8/24/2022	7.1	7.1	7.34	7.04	8.01
8/25/2022					
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			

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
8/30/2016	2.1								
8/31/2016		4.1	29						
9/1/2016				73	62				
9/6/2016						49			
9/7/2016							99	96	87
9/8/2016									
10/18/2016									
12/6/2016	2.4								
12/7/2016		1.5	24	71	57	46			
12/8/2016							94	94	84
3/21/2017	2.5	2	31						
3/22/2017				80	61	53	100	95	
3/23/2017									90
7/11/2017	2.6	2	37			52			
7/12/2017		_		78	53	-	100	96	93
10/17/2017	2.5						.00		
10/18/2017	2.0	4.2	34	82		58	100	99	
10/19/2017		7.2	04	02	55		100		92
2/20/2018	2.3	2.4	34.7		00				02
2/21/2018	2.5	2.4	J4.7	72.2	52.1	48.2	98.8	91.8	84.5
4/12/2018				72.2	32.1	40.2	30.0	31.0	04.5
5/23/2018									
6/13/2018									
7/11/2018	2.5	3.8	35.4						
7/11/2018	2.5	3.0	33.4	80.5	53.9	48.8			84.9
				80.3	55.9	40.0			04.9
8/15/2018 8/16/2018							111	101	
							111		
8/17/2018	2	4.3							
9/12/2018	2	4.3	27.4	04.4	67.5	40.7		100	
9/13/2018			37.4	84.4	67.5	48.7	100	106	89.5
9/14/2018							102		09.0
10/4/2018									
10/24/2018	0.7								
3/26/2019	2.7	0.0	44.0			40.5		444	
3/27/2019		8.2	41.9	00.0	50.0	46.5	0.4.7	111	00.5
3/28/2019			45.4	90.3	59.6		94.7		83.5
9/10/2019	2.0		45.1						
10/1/2019	2.8	0.0		00		40.5	101		
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				83.6	57.1	43.5		91	84.9
10/6/2020	2.4	11	71.2			42.4			
10/7/2020				80.7	48.9		89.1		83.3
3/3/2021	2.2	8.8	66						80.8
3/4/2021				74.1	49.7	38.9	66.8	88.6	
3/8/2021									
9/14/2021	2.6								
9/15/2021		11.4	46.8	73.4		37.8			
9/16/2021					41.8		70.9	86.9	72.7
1/25/2022	2.4								

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
1/26/2022		9.1	37.8	77.2		38.9			
1/27/2022					46.7		62.1	89.9 (M1)	76.3
8/24/2022	2.2								
8/25/2022		10.7	45.6	75.5	47.3	38.7	62.7	96.3	84.4
2/14/2023	1.6	10	35.1						
2/15/2023				75.7 (M1)	49.9	38.1		96.6	78.8
2/16/2023							54.2		

					,
	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
8/30/2016					
8/31/2016					
9/1/2016					
9/6/2016					
9/7/2016					
9/8/2016	48				
10/18/2016		2.3	2.2		
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	00	1.7		100	
7/11/2017	51	1.8	4.8	100	
7/12/2017	01	1.0		97	
10/17/2017		1.0		97	
10/17/2017	FO	1.9	6.4		
	50			0.7	
10/19/2017		0.4		97	
2/20/2018	40.0	2.1	5.2	00.0	
2/21/2018	46.8			93.6	10/0
4/12/2018					4.8 (J)
5/23/2018					4.5
6/13/2018					5.3
7/11/2018		2	3.6		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	1.9	1.5		
3/26/2020				66.6	
10/6/2020		1.9	0.98 (J)		3.1
10/7/2020	38.1			54.6	
3/3/2021	39.2	2	0.6 (J)		
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

	PZ-25	PZ-32 (bg)	PZ-31 (bg)	PZ-33	PZ-2D (bg)
1/26/2022	37.5	1.9	0.69 (J)		
1/27/2022				40	
8/24/2022	35.7	1.7	0.56 (J)	34.7	2
8/25/2022					
2/14/2023		2	0.89 (J)		2.6
2/15/2023	37.1				
2/16/2023				36	

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
8/30/2016	136								
8/31/2016		344	400						
9/1/2016				284	373				
9/6/2016						257			
9/7/2016							392	415	508
9/8/2016									
10/18/2016									
12/6/2016	207								
12/7/2016		393	406	242	433	248			
12/8/2016							431	441	556
3/21/2017	128	276	409						
3/22/2017				332	409	304	456	469	
3/23/2017									482
7/11/2017	138	263	414			265			
7/12/2017				308	374		445	432	497
10/17/2017	101								
10/18/2017		261	366	275		240	349	368	
10/19/2017		20.		2.0	318	2.0	0.0		448
2/20/2018	138	295	429		010				440
2/21/2018	130	233	423	312	367	285	411	409	500
4/12/2018				0.12	007	200	711	400	000
5/23/2018									
6/13/2018									
	152	204	440						
7/11/2018	153	294	440	227	400	205			F22
7/12/2018				337	423	285		400	523
8/15/2018							445	422	
8/16/2018							415		
8/17/2018									
9/12/2018	146	286							
9/13/2018			448	336	394	291		438	
9/14/2018							403		486
10/4/2018									
10/24/2018									
3/26/2019	334								
3/27/2019		281	410			277		408	
3/28/2019				337	365		420		378
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				330	332	286		415	440
10/6/2020	153	241	462			261			
10/7/2020				336	334		392	425	492
3/3/2021	134	258	444						452
3/4/2021				300	335	264	325	427	
3/8/2021									
9/14/2021	150								
9/15/2021		292	422	326		270			
9/16/2021					307		330	419	450
1/25/2022	148								

	PZ-1D (bg)	PZ-14	PZ-23A	PZ-15	PZ-7D	PZ-16	PZ-17	PZ-18	PZ-19
1/26/2022		288	413	308		267			
1/27/2022					331		329	433	442
8/24/2022	139								
8/25/2022		259	437	319	325	90	321	446	528
10/11/2022									
2/14/2023	200	300	414						
2/15/2023				329	335 (D6)	334		477	529
2/16/2023							299		

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)
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 (o)	
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		
2/20/2018	297	207	100	435	
4/12/2018	207			400	69
5/23/2018					62
6/13/2018					93
7/11/2018		273	192		84
7/11/2018	310	273	192	447	04
	310			447	
8/15/2018					
8/16/2018					445
8/17/2018		050			115
9/12/2018	007	252	100		97
9/13/2018	307		192	4.47	
9/14/2018				447	400
10/4/2018				450	103
10/24/2018		050			110
3/26/2019	207	253	167		07
3/27/2019	287		167	405	87
3/28/2019				405	
9/10/2019			107		
10/1/2019	212	262	187		OF.
10/2/2019	312	263		444	95
10/3/2019				414	402
3/24/2020	200	070	170		123
3/25/2020	280	278	178	000	
3/26/2020		054	100	336	
10/6/2020	000	254	169	007	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

	PZ-25	PZ-31 (bg)	PZ-32 (bg)	PZ-33	PZ-2D (bg)
1/26/2022	276	262	182		
1/27/2022				274	
8/24/2022		261		265	
8/25/2022					
10/11/2022	267		173		75
2/14/2023		257	177		140
2/15/2023	264				
2/16/2023				293	

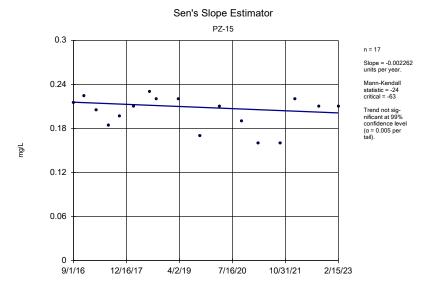
FIGURE E.

Appendix III Trend Tests - Prediction Limit Exceedances - Significant Results Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/27/2023, 3:46 PM

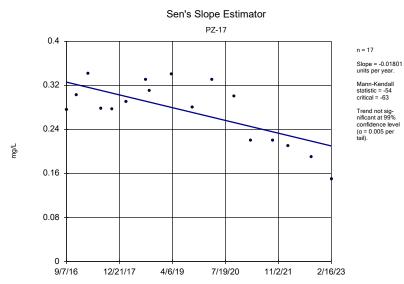
	Plant Mitchell Client: South	ern Company Da	ita: Mitchell	Ash Pond Co	CR F	rinted 3/	27/2023,	3:46 PM			
Constituent	Well	Slope	Calc.	Critical	Sig.	<u>N</u>	%NDs	Normality	<u>Xform</u>	<u>Alpha</u>	Method
Boron (mg/L)	PZ-33	-0.01357	-95	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	PZ-7D	-0.03053	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-18	5.157	99	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-1D (bg)	1.861	68	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-31 (bg)	2.432	79	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	PZ-32 (bg)	1.923	86	63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-15	-0.2261	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-16	-0.3078	-86	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-18	-0.3963	-98	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	PZ-31 (bg)	-0.3077	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-14	1.574	91	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-16	-2.492	-95	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-17	-6.421	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-19	-1.705	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-23A	3.597	78	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-25	-2.402	-106	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-2D (bg)	-0.6054	-84	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-31 (bg)	-0.845	-99	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-33	-12.24	-122	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)	PZ-7D	-1.876	-65	-63	Yes	17	0	n/a	n/a	0.01	NP

Appendix III Trend Tests - Prediction Limit Exceedances - All Results

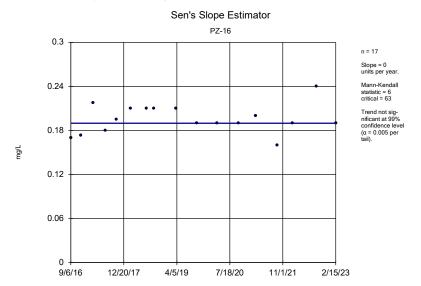
	Appendix III		10010						cuu	11000	/ \	1 (03)	1110
		Plant Mitchell	Client: Southe	ern Company	Data: Mitchell	Ash Pond (CCR F	rinted 3	/27/2023	3:46 PM			
Constituent	\	<u>Well</u>		Slope	Calc.	Critical	Sig.	<u>N</u>	%NDs	Normality	Xform	<u>Alpha</u>	Method
Boron (mg/L)		 PZ-15		-0.002262	-24	-63	No	_ 17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-16		0	6	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-17		-0.01801	-54	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-18		0	8	63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-19		-0.0175	-50	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)	F	PZ-1D (bg)		0.0003079	13	63	No	17	5.882	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-23A		-0.003353	-36	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-25		-0.005802	-56	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-2D (bg)		-0.001099	-59	-63	No	17	0	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-31 (bg)		0	9	63	No	17	29.41	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-32 (bg)		-0.0001065	-7	-63	No	17	5.882	n/a	n/a	0.01	NP
Boron (mg/L)		PZ-33		-0.01357	-95	-74	Yes	19	0	n/a	n/a	0.01	NP
Boron (mg/L)	ı	PZ-7D		-0.03053	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	ı	PZ-18		5.157	99	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-19		0.9112	16	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-1D (bg)		1.861	68	58	Yes	16	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-23A		2.216	47	63	No	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-2D (bg)		2.169	44	63	No	17	5.882	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-31 (bg)		2.432	79	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-32 (bg)		1.923	86	63	Yes	17	0	n/a	n/a	0.01	NP
Calcium (mg/L)	F	PZ-7D		1.139	23	63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-14		-0.1015	-41	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	i	PZ-15		-0.2261	-66	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	ı	PZ-16		-0.3078	-86	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	ı	PZ-18		-0.3963	-98	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-1D (bg)		-0.06706	-46	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-2D (bg)		-0.03387	-29	-63	No	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-31 (bg)		-0.3077	-92	-63	Yes	17	0	n/a	n/a	0.01	NP
Chloride (mg/L)	F	PZ-32 (bg)		-0.1391	-61	-63	No	17	0	n/a	n/a	0.01	NP
pH (SU)	F	PZ-18		-0.02277	-54	-68	No	18	0	n/a	n/a	0.01	NP
pH (SU)	F	PZ-19		0	-1	-74	No	19	0	n/a	n/a	0.01	NP
pH (SU)	F	PZ-1D (bg)		-0.01862	-42	-68	No	18	0	n/a	n/a	0.01	NP
pH (SU)		PZ-23A		0.008875	23	68	No	18	0	n/a	n/a	0.01	NP
pH (SU)		PZ-2D (bg)		-0.2315	-34	-48	No	14	0	n/a	n/a	0.01	NP
pH (SU)		PZ-31 (bg)		-0.002286	-8	-68	No	18	0	n/a	n/a	0.01	NP
pH (SU)		PZ-32 (bg)		0.004247	12	81	No	20	0	n/a	n/a	0.01	NP
pH (SU)		PZ-7D		0.0113	22	68	No	18	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-14		1.574	91	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-15		0.2902	8	63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-16		-2.492	-95	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-17		-6.421	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-18		-0.8536	-19	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-19		-1.705	-73	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-1D (bg)		-0.02139	-10 	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-23A		3.597	78	63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-25		-2.402	-106	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-2D (bg)		-0.6054	-84	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-31 (bg)		-0.845	-99 40	-63	Yes	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L)		PZ-32 (bg)		0	-12	-63	No	17	0	n/a	n/a	0.01	NP
Sulfate (mg/L) Sulfate (mg/L)		PZ-33		-12.24	-122 65	-63 63	Yes Yes	17	0	n/a	n/a	0.01	NP ND
		PZ-7D PZ-15		-1.876 3.788	-65 23	-63 63	No	17 17	0	n/a	n/a	0.01 0.01	NP NP
TDS (mg/L)							No			n/a	n/a		
TDS (mg/L) TDS (mg/L)		PZ-16 PZ-18		0.5318 3.261	5 29	63 63	No	17 17	0	n/a n/a	n/a n/a	0.01 0.01	NP NP
TDS (mg/L)		PZ-18 PZ-19		-5.143	-18	-63	No	17	0	n/a n/a	n/a n/a	0.01	NP NP
TDS (mg/L)		PZ-19 PZ-1D (bg)		2.66	31	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-10 (bg) PZ-23A		4.898	49	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-2D (bg)		4.561	20	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-31 (bg)		-0.3587	-5	-63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-32 (bg)		2.063	25	63	No	17	0	n/a	n/a	0.01	NP
TDS (mg/L)		PZ-7D		-11.45	-63	-63	No	17	0	n/a	n/a	0.01	NP
,	·				-								



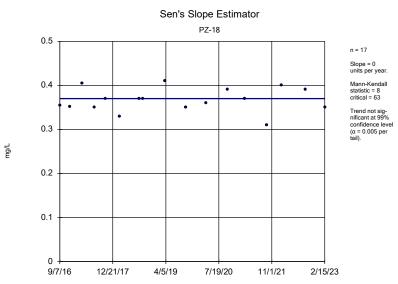
Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



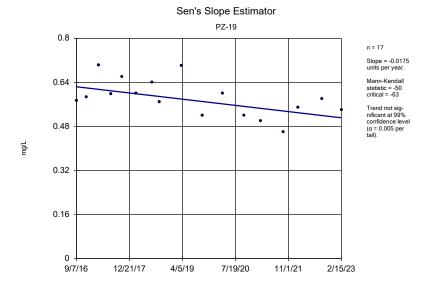
Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

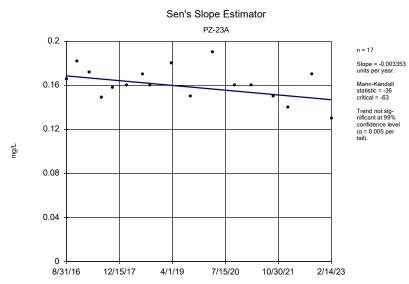


Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



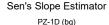
Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

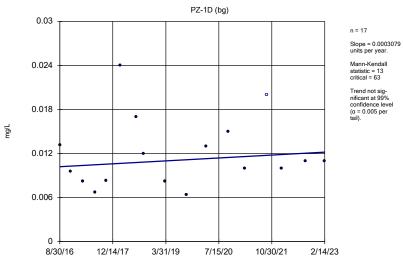
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

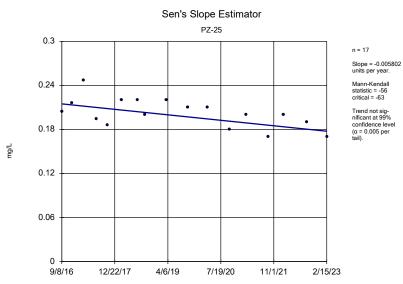
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



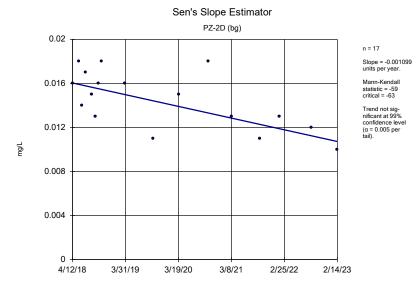


Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



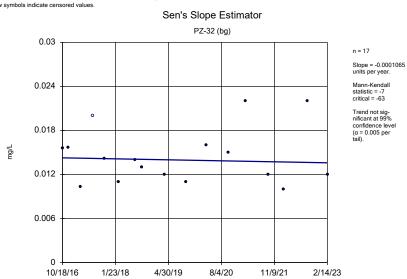
Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



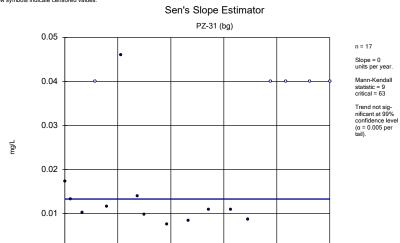
Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Hollow symbols indicate censored values.



Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.



Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

8/4/20

11/9/21

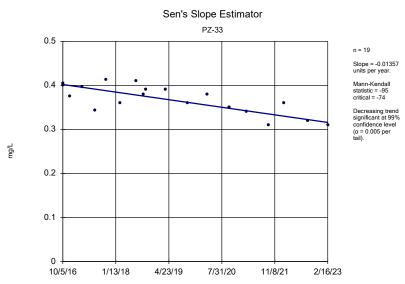
2/14/23

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

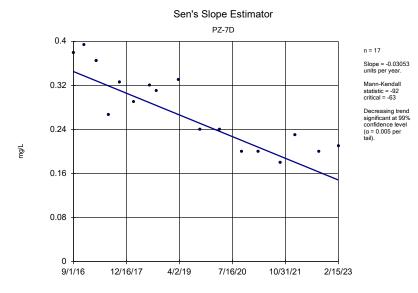
10/18/16

1/23/18

4/30/19

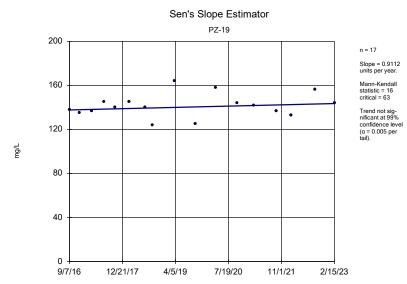


Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

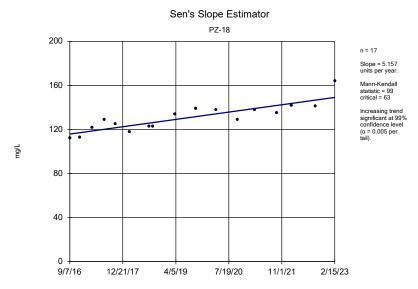


Constituent: Boron Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

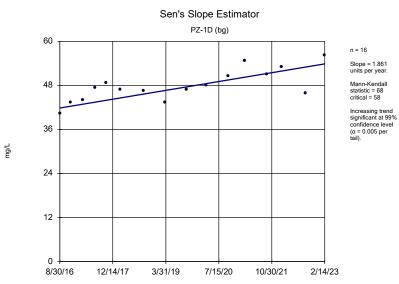


Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

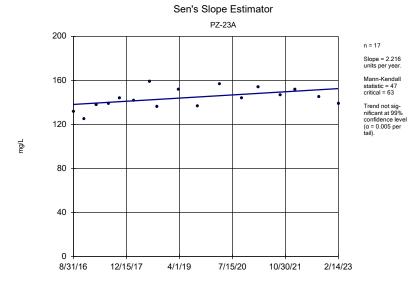


Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

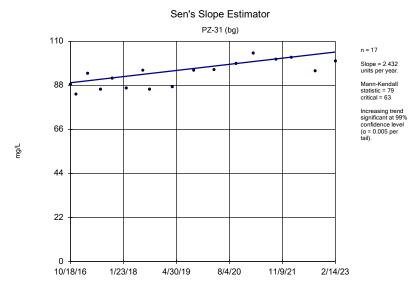
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

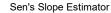


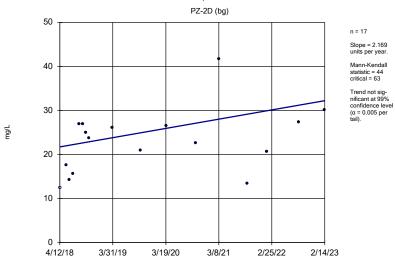
Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



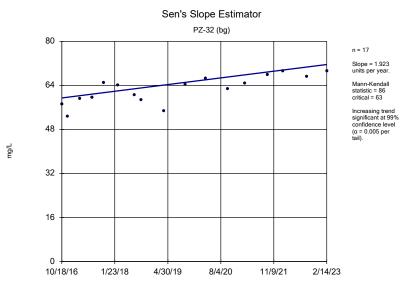
Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG Hollow symbols indicate censored values.

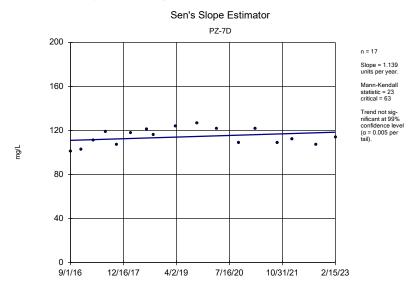




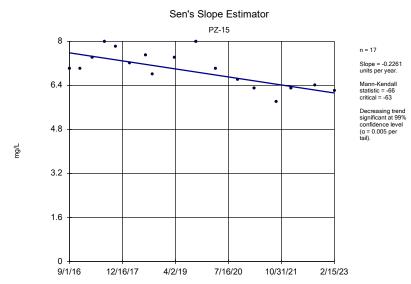
Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



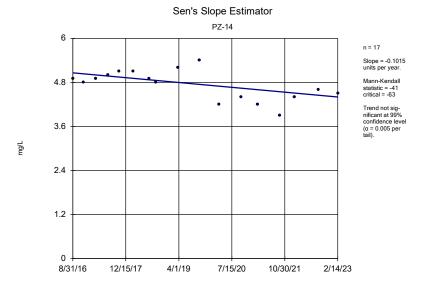
Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



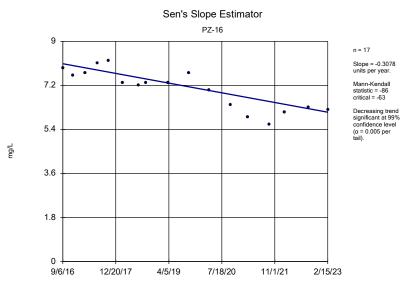
Constituent: Calcium Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



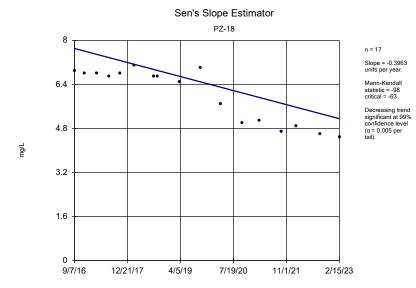
Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



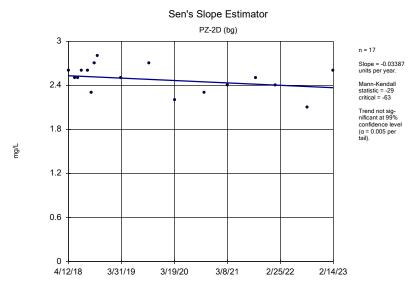
Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



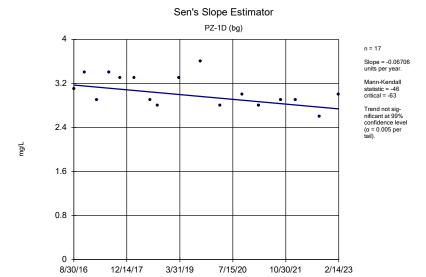
Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



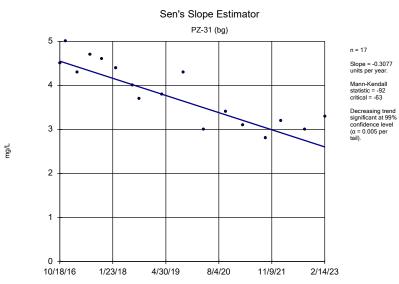
Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



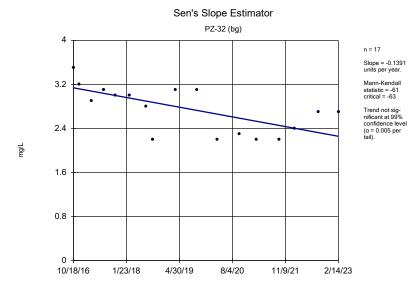
Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



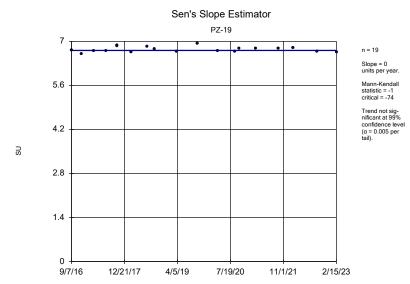
Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Chloride Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



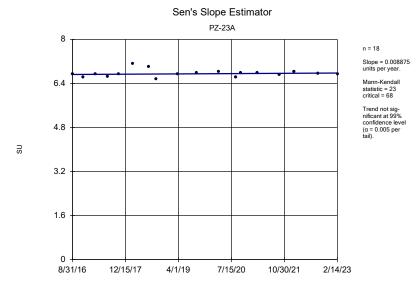
Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



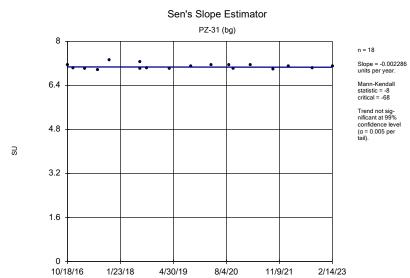
Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



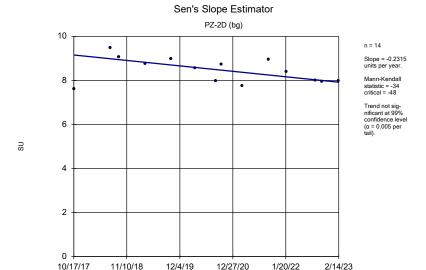
Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



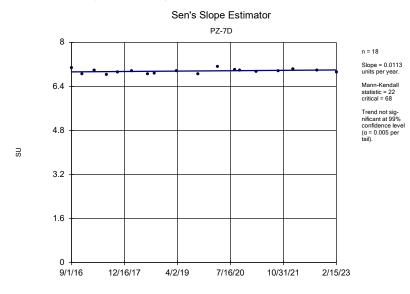
Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



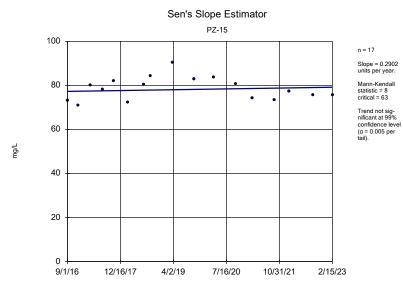
Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



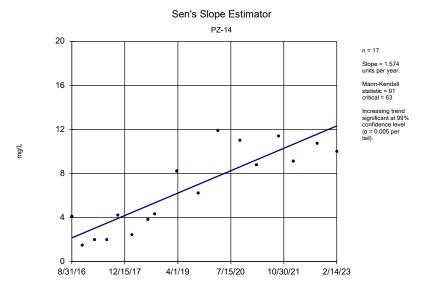
Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



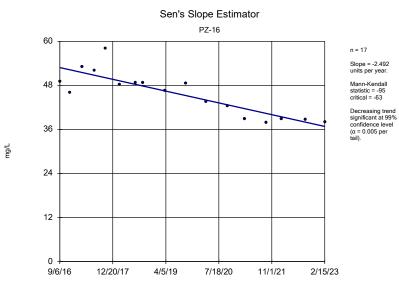
Constituent: pH Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



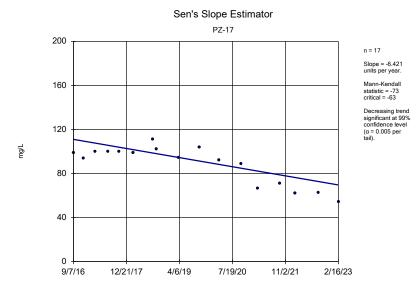
Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



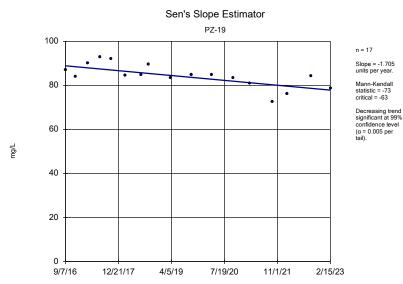
Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



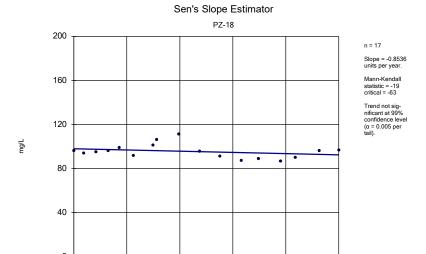
Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

7/19/20

11/1/21

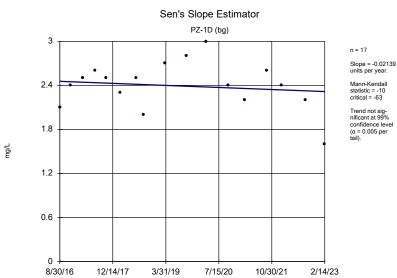
2/15/23

4/5/19

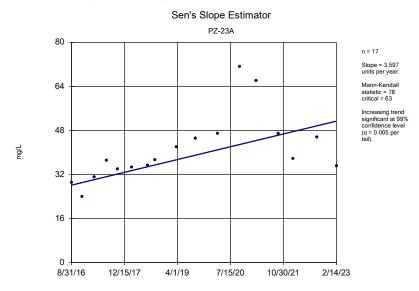
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

9/7/16

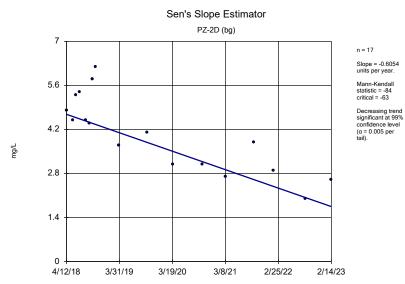
12/21/17



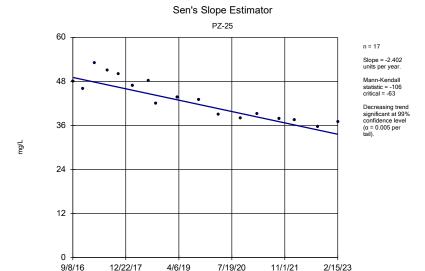
Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



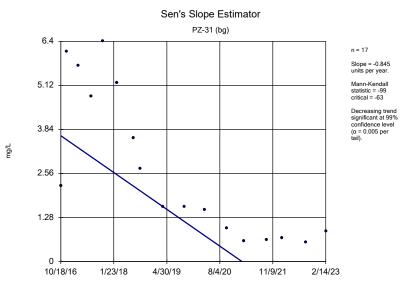
Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



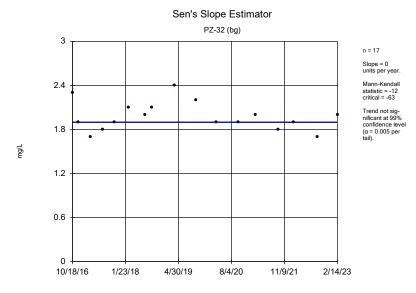
Constituent: Sulfate Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: Sulfate Analysis Run 3/27/2023 3:44 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

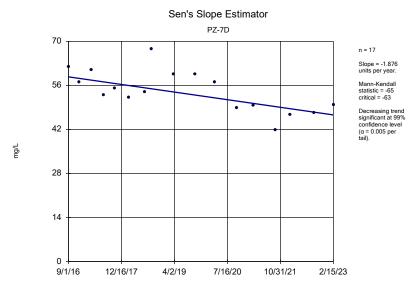


Constituent: Sulfate Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



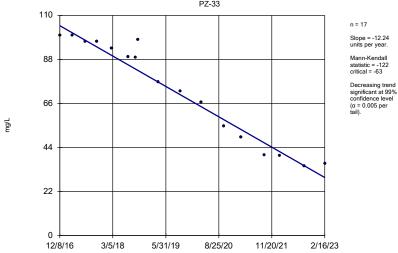
Constituent: Sulfate Analysis Run 3/27/2023 3:45 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



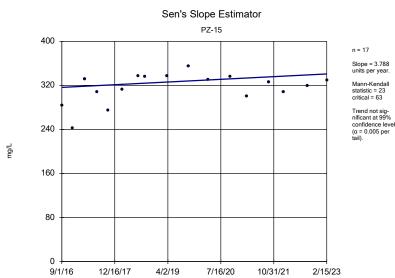
Constituent: Sulfate Analysis Run 3/27/2023 3:45 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sen's Slope Estimator PZ-33

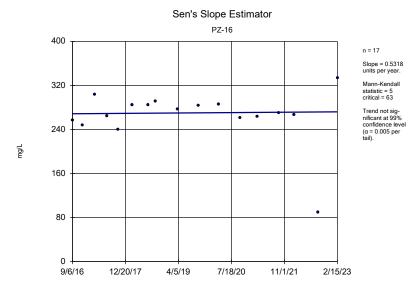


Constituent: Sulfate Analysis Run 3/27/2023 3:45 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

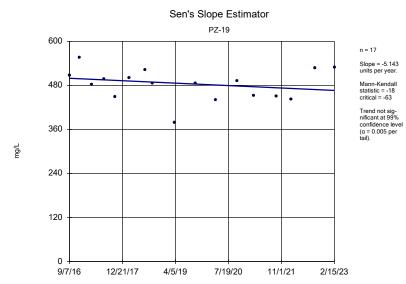
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



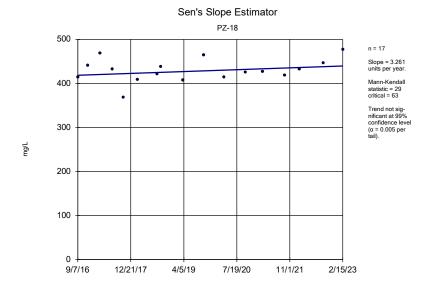
Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



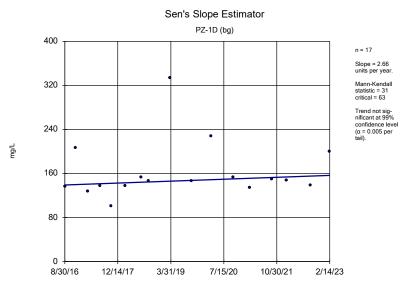
Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR



Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

200

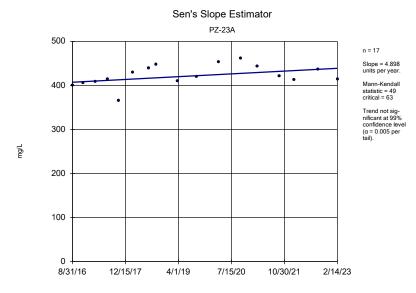
160

120

80

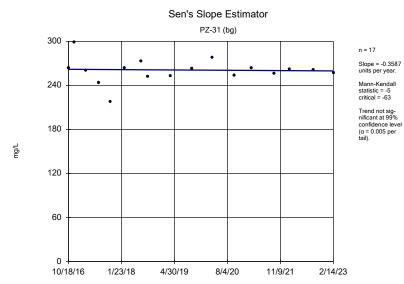
40

mg/L

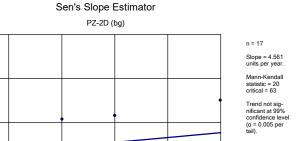


Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

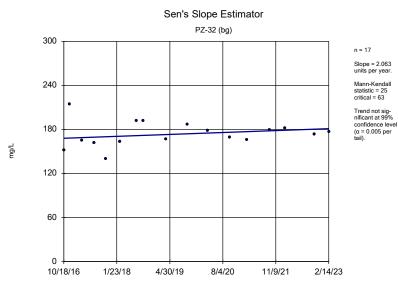




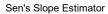
Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests

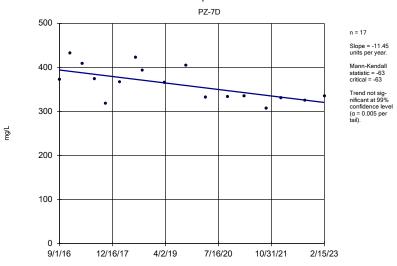
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR





Constituent: TDS Analysis Run 3/27/2023 3:45 PM View: Trend Tests
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

FIGURE F.

Upper Tolerance Limits Summary Table

		Plant Mitchell	nt Mitchell Client: Southern Company		Data: Mitchell Ash Pond CCR			Printed 3/24/2023, 2:13 PM		
Constituent	<u>Well</u>	<u>Upper</u>	Lim. Date	Obse	rv. Sig.	Bg N	%NDs	Transform	<u>Alpha</u>	Method
Antimony (mg/L)	n/a	0.0035	i n/a	n/a	n/a	68	55.88	n/a	0.03056	NP Inter(NDs)
Arsenic (mg/L)	n/a	0.005	n/a	n/a	n/a	60	86.67	n/a	0.04607	NP Inter(NDs)
Barium (mg/L)	n/a	0.0463	31 n/a	n/a	n/a	68	1.471	ln(x)	0.05	Inter
Beryllium (mg/L)	n/a	0.0005	n/a	n/a	n/a	52	96.15	n/a	0.06944	NP Inter(NDs)
Cadmium (mg/L)	n/a	0.0005	5 n/a	n/a	n/a	52	100	n/a	0.06944	NP Inter(NDs)
Chromium (mg/L)	n/a	0.0093	n/a	n/a	n/a	68	25	sqrt(x)	0.05	Inter
Cobalt (mg/L)	n/a	0.005	n/a	n/a	n/a	68	97.06	n/a	0.03056	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	n/a	1.611	n/a	n/a	n/a	66	0	sqrt(x)	0.05	Inter
Fluoride (mg/L)	n/a	0.29	n/a	n/a	n/a	72	45.83	n/a	0.02489	NP Inter(normality)
Lead (mg/L)	n/a	0.001	n/a	n/a	n/a	68	80.88	n/a	0.03056	NP Inter(NDs)
Lithium (mg/L)	n/a	0.03	n/a	n/a	n/a	68	79.41	n/a	0.03056	NP Inter(NDs)
Mercury (mg/L)	n/a	0.0002	n/a	n/a	n/a	60	90	n/a	0.04607	NP Inter(NDs)
Molybdenum (mg/L)	n/a	0.01	n/a	n/a	n/a	68	77.94	n/a	0.03056	NP Inter(NDs)
Selenium (mg/L)	n/a	0.005	n/a	n/a	n/a	68	100	n/a	0.03056	NP Inter(NDs)
Thallium (mg/L)	n/a	0.001	n/a	n/a	n/a	68	91.18	n/a	0.03056	NP Inter(NDs)

FIGURE G.

PLANT MITCHELL ASH POND GWPS									
		CCR-Rule							
Constituent Name	MCL	Specified	Background Limit	GWPS					
Antimony, Total (mg/L)	0.006		0.0035	0.006					
Arsenic, Total (mg/L)	0.01		0.005	0.01					
Barium, Total (mg/L)	2		0.046	2					
Beryllium, Total (mg/L)	0.004		0.0005	0.004					
Cadmium, Total (mg/L)	0.005		0.0005	0.005					
Chromium, Total (mg/L)	0.1		0.0093	0.1					
Cobalt, Total (mg/L)	n/a	0.006	0.005	0.006					
Combined Radium, Total (pCi/L)	5		1.61	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	0.03	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		0.001	0.002					

^{*}MCL = Maximum Contaminant Level

^{*}CCR = Coal Combustion Residuals

^{*}GWPS = Groundwater Protection Standard

FIGURE H.

Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/24/2023, 2:28 PM

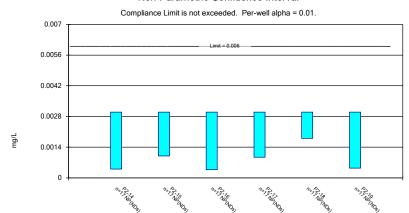
	Flant Willo	ieii Gilerit. C	outrierri Comp	arry Data.	WIIICH	CII ASII	rona co	Fillited 3/24/2	1020, 2.20 T W		
Constituent	Well	Upper Lim.	Lower Lim.	Compliano	eSig.	<u>N</u>	%NDs	ND Adj.	Transform	<u>Alpha</u>	Method
Antimony (mg/L)	PZ-14	0.003	0.0004	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-15	0.003	0.001	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-16	0.003	0.00037	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-17	0.003	0.00094	0.006	No	17	82.35	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-18	0.003	0.0018	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-19	0.003	0.00044	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-23A	0.003	0.0017	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-33	0.003	0.00082	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Antimony (mg/L)	PZ-7D	0.003	0.00042	0.006	No	17	82.35	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-14	0.005	0.00083	0.01	No	15	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-15	0.005	0.0011	0.01	No	15	80	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-17	0.005	0.00072	0.01	No	15	80	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-19	0.005	0.0007	0.01	No	15	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-23A	0.005	0.00036	0.01	No	15	93.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-25	0.005	0.001	0.01	No	15	73.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	PZ-33	0.005	0.00094	0.01	No	15	86.67	None	No	0.01	NP (NDs)
Barium (mg/L)	PZ-14	0.02979	0.0164	2	No	17	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	PZ-15	0.0617	0.048	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-16	0.046	0.034	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-17	0.07833	0.06912	2	No	17	0	None	No	0.01	Param.
Barium (mg/L)	PZ-18	0.0273	0.023	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-19	0.05819	0.05215	2	No	17	0	None	No	0.01	Param.
Barium (mg/L)	PZ-23A	0.04979	0.0367	2	No	17	0	None	No	0.01	Param.
Barium (mg/L)	PZ-25	0.11	0.1	2	No	17	0	None	No	0.01	NP (normality)
Barium (mg/L)	PZ-33	0.06915	0.04872	2	No	16	0	None	No	0.01	Param.
Barium (mg/L)	PZ-7D	0.009458	0.006747	2	No	17	0	None	sqrt(x)	0.01	Param.
Cadmium (mg/L)	PZ-23A	0.0005	0.0002	0.005	No	13	84.62	None	No	0.01	NP (NDs)
Cadmium (mg/L)	PZ-33	0.0005	0.0001	0.005	No	13	92.31	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-14	0.01	0.0012	0.1	No	17	52.94	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-16	0.005	0.00087	0.1	No	17	47.06	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-18	0.005	0.00056	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-19	0.005	0.00073	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-23A	0.0044	0.0014	0.1	No	17	17.65	None	No	0.01	NP (normality)
Chromium (mg/L)	PZ-33	0.005	0.0017	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Chromium (mg/L)	PZ-7D	0.001981	0.0007428	0.1	No	17	29.41	Kaplan-Meier	ln(x)	0.01	Param.
Cobalt (mg/L)	PZ-14	0.005	0.002	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-15	0.005	0.0005	0.006	No	17	70.59	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-16	0.005	0.0005	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-17	0.005	0.0006	0.006	No	17	64.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-18	0.005	0.0011	0.006	No	17	94.12	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-19	0.005	0.0012	0.006	No	17	88.24	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-23A	0.005	0.00067	0.006	No	17	70.59	None	No	0.01	NP (NDs)
Cobalt (mg/L)	PZ-25	0.0017	0.0008	0.006	No	17	5.882	None	No	0.01	NP (normality)
Cobalt (mg/L)	PZ-33	0.005	0.0008	0.006	No	17	64.71	None	No	0.01	NP (NDs)
Combined Radium 226 + 228 (pCi/L)	PZ-14	0.8939	0.2977	5	No	17	0	None	sqrt(x)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-15	1.052	0.7051	5	No	17	0	None	x^(1/3)	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-16	0.8429	0.4139	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-17	1.143	0.5586	5	No	16	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-18	1.146	0.4551	5	No	15	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-19	1.303	0.7144	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-23A	1.166	0.7139	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-25	1.153	0.7191	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-33	0.9927	0.5548	5	No	17	0	None	No	0.01	Param.
Combined Radium 226 + 228 (pCi/L)	PZ-7D	0.602	0.2385	5	No	17	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-14	0.11	0.056	4	No	18	61.11	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-15	0.1118	0.06926	4	No	18	33.33	Kaplan-Meier	In(x)	0.01	Param.
Fluoride (mg/L)	PZ-16	0.1	0.053	4	No	18	55.56	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-17	0.1225	0.05972	4	No	18	33.33	Kaplan-Meier	sqrt(x)	0.01	Param.
Fluoride (mg/L)	PZ-18	0.12	0.08	4	No	18	55.56	Kaplan-Meier	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-19	0.15	0.064	4	No	18	11.11	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-23A	0.13	0.057	4	No	18	38.89	None	No	0.01	NP (normality)
Fluoride (mg/L)	PZ-25	0.2357	0.1499	4	No	18	0	None	No	0.01	Param.
Fluoride (mg/L)	PZ-33	0.15	0.082	4	No	18	55.56	None	No	0.01	NP (NDs)
Fluoride (mg/L)	PZ-7D	0.1	0.05	4	No	18	61.11	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-15	0.001	0.00005	0.015	No	17	94.12	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-16	0.001	0.000081	0.015	No	17	94.12	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-18	0.001	0.00043	0.015	No	17	88.24	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-19	0.001	0.000042	0.015	No	17	94.12	None	No	0.01	NP (NDs)

Confidence Intervals - All Results (No Significant)

Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR Printed 3/24/2023, 2:28 PM

0 111 1				,							
Constituent	Well	Upper Lim.	Lower Lim.	Compliand		<u>N</u>	%NDs	ND Adj.	Transform	<u>Alpha</u>	Method
Lead (mg/L)	PZ-23A	0.001	0.00015	0.015	No	17	82.35	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-33	0.001	0.00009	0.015	No	17	88.24	None	No	0.01	NP (NDs)
Lead (mg/L)	PZ-7D	0.001	0.000041	0.015	No	17	94.12	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-14	0.03	0.003	0.04	No	17	94.12	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-15	0.05	0.0012	0.04	No	17	29.41	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-17	0.0029	0.002	0.04	No	17	11.76	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-18	0.0033	0.0025	0.04	No	17	11.76	None	No	0.01	NP (normality)
Lithium (mg/L)	PZ-19	0.01434	0.0106	0.04	No	17	0	None	No	0.01	Param.
Lithium (mg/L)	PZ-23A	0.03	0.001	0.04	No	17	70.59	None	No	0.01	NP (NDs)
Lithium (mg/L)	PZ-25	0.006843	0.005588	0.04	No	17	0	None	x^2	0.01	Param.
Lithium (mg/L)	PZ-7D	0.0037	0.0023	0.04	No	17	5.882	None	No	0.01	NP (normality)
Mercury (mg/L)	PZ-14	0.0002	0.00015	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-15	0.0002	0.000097	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-16	0.0002	0.000068	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-17	0.0002	0.000086	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-18	0.0002	0.000057	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-19	0.0002	0.0001	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-23A	0.0002	0.00017	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-25	0.0002	0.000053	0.002	No	15	93.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-33	0.0002	0.00011	0.002	No	15	80	None	No	0.01	NP (NDs)
Mercury (mg/L)	PZ-7D	0.0002	0.00006	0.002	No	15	86.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-14	0.01	0.0005	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-15	0.01	0.0004	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-16	0.01	0.0004	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-17	0.01	0.0004	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-19	0.0024	0.002	0.1	No	17	5.882	None	No	0.01	NP (normality)
Molybdenum (mg/L)	PZ-23A	0.01	0.0011	0.1	No	17	88.24	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	PZ-25	0.01	0.001	0.1	No	17	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-14	0.005	0.0015	0.05	No	17	88.24	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-15	0.005	0.0018	0.05	No	17	94.12	None	No	0.01	NP (NDs)
Selenium (mg/L)	PZ-19	0.01	0.0031	0.05	No	17	41.18	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-23A	0.01	0.0018	0.05	No	17	41.18	None	No	0.01	NP (normality)
Selenium (mg/L)	PZ-7D	0.005	0.0018	0.05	No	17	64.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-14	0.001	0.00006	0.002	No	17	94.12	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-15	0.001	0.0002	0.002	No	17	64.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-16	0.001	0.00018	0.002	No	17	64.71	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-17	0.001	0.00016	0.002	No	17	47.06	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-18	0.001	0.00023	0.002	No	17	82.35	None	No	0.01	NP (NDs)
Thallium (mg/L)	PZ-10 PZ-19	0.0001	0.000071	0.002	No	17	5.882	None	No	0.01	Param.
Thallium (mg/L) Thallium (mg/L)	PZ-19 PZ-23A	0.000	0.0004784	0.002	No	17	47.06	None	No	0.01	NP (normality)
Thallium (mg/L)	PZ-25A PZ-25	0.001	0.00017	0.002		17	47.06		No	0.01	NP (normality)
	PZ-25 PZ-33				No			None			
Thallium (mg/L)		0.001	0.00015	0.002	No	17	70.59	None	No No	0.01	NP (NDs)
Thallium (mg/L)	PZ-7D	0.001	0.0001	0.002	No	17	70.59	None	No	0.01	NP (NDs)

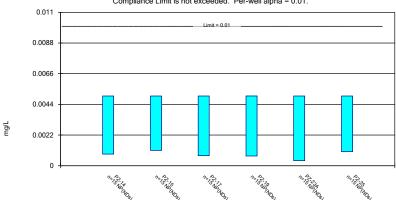
Non-Parametric Confidence Interval



Constituent: Antimony Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

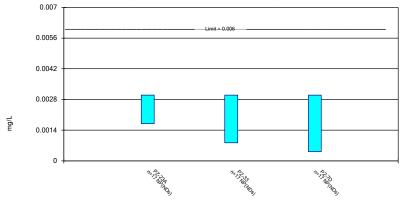
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval Compliance Limit is not exceeded. Per-well alpha = 0.01.



Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

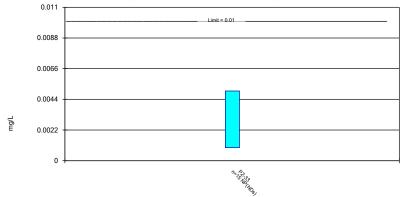


Constituent: Antimony Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

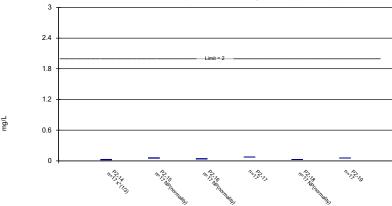
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



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.

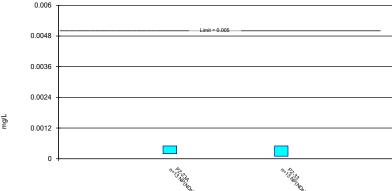


Constituent: Barium Analysis Run 3/24/2023 2:26 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

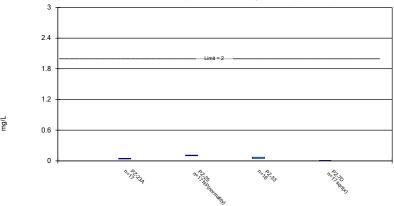
Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



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.

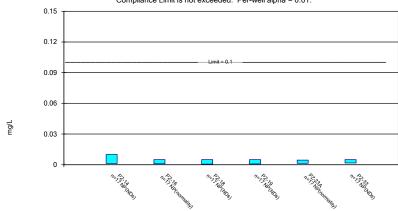


Constituent: Barium Analysis Run 3/24/2023 2:26 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

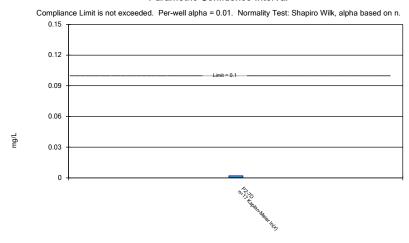
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

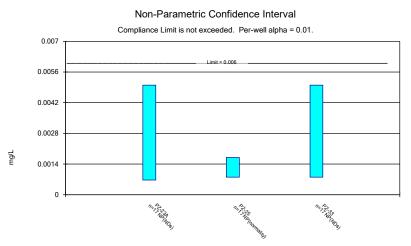


Parametric Confidence Interval



Constituent: Chromium Analysis Run 3/24/2023 2:26 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

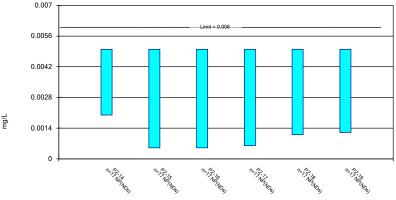
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG



Constituent: Cobalt Analysis Run 3/24/2023 2:26 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

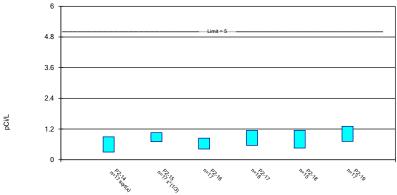


Constituent: Cobalt Analysis Run 3/24/2023 2:26 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

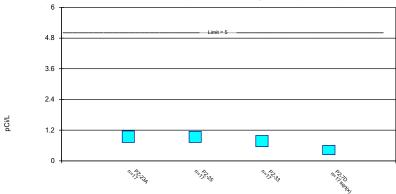
Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.

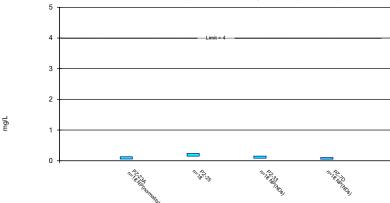


Constituent: Combined Radium 226 + 228 Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

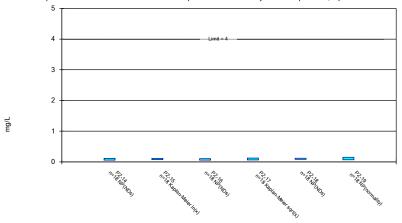
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

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.

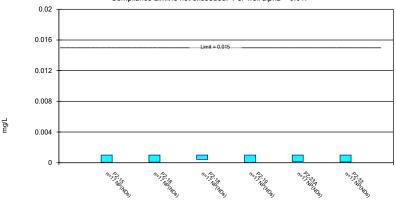


Constituent: Fluoride Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



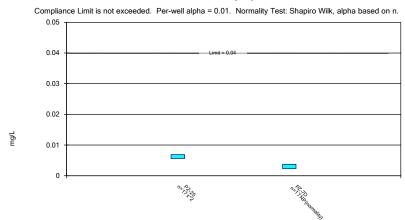
Non-Parametric Confidence Interval



Constituent: Lead Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

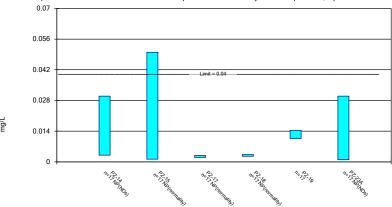
Parametric and Non-Parametric (NP) Confidence Interval



Constituent: Lithium Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

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.

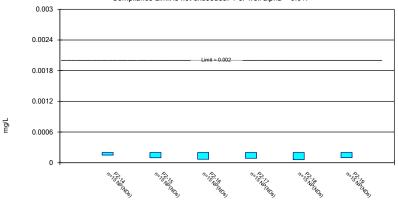


Constituent: Lithium Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

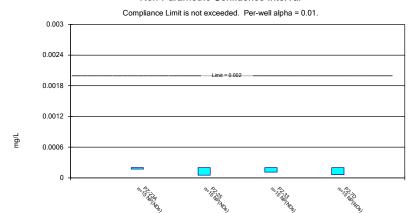
Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Non-Parametric Confidence Interval

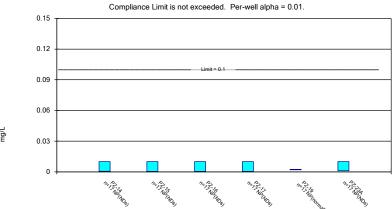


Constituent: Mercury Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval Compliance Limit is not exceeded. Per-well alpha = 0.01. 0.15 0.12 0.09 0.06 0.03

Non-Parametric Confidence Interval



Constituent: Molybdenum Analysis Run 3/24/2023 2:26 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.

0.048

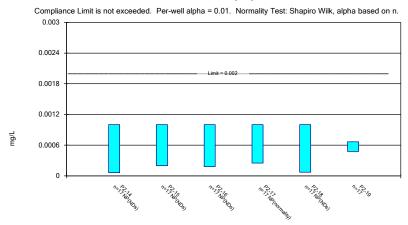
0.049

0.012

0.012

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Parametric and Non-Parametric (NP) Confidence Interval

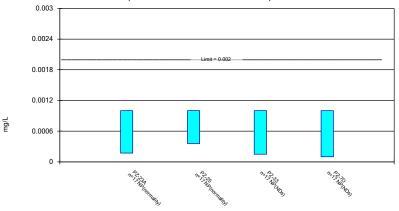


Constituent: Thallium Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Sanitas™ v.9.6.37 Sanitas software utilized by Groundwater Stats Consulting. UG

Non-Parametric Confidence Interval

Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Thallium Analysis Run 3/24/2023 2:26 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

Constituent: Antimony (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	<0.003					
9/1/2016		0.001 (J)				
9/6/2016			<0.003			
9/7/2016				<0.003	<0.003	<0.003
12/7/2016	<0.003	<0.003	<0.003			
12/8/2016				<0.003	<0.003	<0.003
3/21/2017	0.0004 (J)					
3/22/2017		<0.003	<0.003	<0.003	<0.003	
3/23/2017						<0.003
7/11/2017	<0.003		<0.003			
7/12/2017		<0.003		<0.003	<0.003	<0.003
10/18/2017	<0.003	<0.003	<0.003	<0.003	<0.003	
10/19/2017						<0.003
2/20/2018	<0.003					
2/21/2018		<0.003	<0.003	<0.003	<0.003	<0.003
7/11/2018	<0.003					
7/12/2018		<0.003	<0.003			<0.003
8/15/2018					<0.003	
8/16/2018				<0.003		
9/12/2018	<0.003					
9/13/2018		<0.003	<0.003		<0.003	
9/14/2018				<0.003		<0.003
10/2/2019	<0.003	<0.003	<0.003	<0.003		
10/3/2019					<0.003	0.00044 (X)
3/25/2020	<0.003			0.00094 (J)		
3/26/2020		<0.003	<0.003		0.0018 (J)	<0.003
8/26/2020	<0.003	0.00062 (J)	0.00037 (J)	0.00061 (J)		<0.003
8/27/2020					<0.003	
10/6/2020	<0.003		<0.003			
10/7/2020		<0.003		<0.003	0.0014 (J)	<0.003
3/3/2021	<0.003					<0.003
3/4/2021		<0.003	<0.003	0.00055 (J)	<0.003	
9/15/2021	<0.003	<0.003	<0.003			
9/16/2021				<0.003	<0.003	<0.003
1/26/2022	<0.003	<0.003	<0.003			
1/27/2022				<0.003	<0.003	<0.003
8/25/2022	<0.003	<0.003	<0.003	<0.003	<0.003	<0.003
2/14/2023	<0.003					
2/15/2023		<0.003	<0.003		<0.003	<0.003
2/16/2023				<0.003		
Mean	0.002847	0.002742	0.002845	0.002594	0.002835	0.002849
Std. Dev.	0.0006306	0.0007304	0.0006379	0.0009068	0.0004703	0.0006209
Upper Lim.	0.003	0.003	0.003	0.003	0.003	0.003
Lower Lim.	0.0004	0.001	0.00037	0.00094	0.0018	0.00044

Constituent: Antimony (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-33	PZ-7D
8/31/2016	<0.003		
9/1/2016			<0.003
12/7/2016	<0.003		<0.003
12/8/2016		<0.003	
3/21/2017	<0.003		
3/22/2017			<0.003
3/23/2017		<0.003	
7/11/2017	<0.003		
7/12/2017		<0.003	<0.003
10/18/2017	<0.003		
10/19/2017		<0.003	<0.003
2/20/2018	<0.003		
2/21/2018		<0.003	<0.003
7/11/2018	<0.003		
7/12/2018		<0.003	<0.003
9/13/2018	<0.003		<0.003
9/14/2018		<0.003	
10/4/2018		<0.003	
9/10/2019	<0.003		
10/3/2019		<0.003	0.00029 (X)
3/25/2020	<0.003		
3/26/2020		<0.003	0.00042 (J)
8/26/2020	0.00038 (J)	<0.003	0.00031 (J)
10/6/2020	<0.003		
10/7/2020		0.00037 (J)	<0.003
3/3/2021	0.0017 (J)		
3/4/2021		<0.003	<0.003
9/15/2021	<0.003		
9/16/2021		<0.003	<0.003
1/26/2022	<0.003		
1/27/2022		<0.003	<0.003
8/24/2022		0.00082 (J)	
8/25/2022	<0.003		<0.003
2/14/2023	<0.003		
2/15/2023			<0.003
2/16/2023		<0.003	
Mean	0.002769	0.002717	0.002531
Std. Dev.	0.0006915	0.0008027	0.001046
Upper Lim.	0.003	0.003	0.003
Lower Lim.	0.0017	0.00082	0.00042

Constituent: Arsenic (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-17	PZ-19	PZ-23A	PZ-25
8/31/2016	<0.005				<0.005	
9/1/2016		<0.005				
9/7/2016			<0.005	<0.005		
9/8/2016						0.0017 (J)
12/7/2016	<0.005	<0.005			<0.005	
12/8/2016			<0.005	<0.005		<0.005
3/21/2017	<0.005				<0.005	
3/22/2017		0.0011 (J)	0.0007 (J)			0.001 (J)
3/23/2017				0.0007 (J)		
7/11/2017	<0.005				<0.005	<0.005
7/12/2017		0.0006 (J)	<0.005	<0.005		
10/18/2017	<0.005	<0.005	<0.005		<0.005	<0.005
10/19/2017				<0.005		
2/20/2018	<0.005				<0.005	
2/21/2018		0.00089 (J)	0.00072 (J)	<0.005		0.00071 (J)
7/11/2018	<0.005				<0.005	
7/12/2018		<0.005		<0.005		<0.005
8/16/2018			0.0007 (J)			
9/12/2018	<0.005					
9/13/2018		<0.005			<0.005	<0.005
9/14/2018			<0.005	<0.005		
9/10/2019					0.00036 (X)	
10/2/2019	0.00083 (X)	<0.005	<0.005			0.00063 (X)
10/3/2019				<0.005		
3/25/2020	<0.005		<0.005		<0.005	<0.005
3/26/2020		<0.005		<0.005		
8/26/2020	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
9/15/2021	<0.005	<0.005			<0.005	<0.005
9/16/2021			<0.005	<0.005		
1/26/2022	<0.005	<0.005			<0.005	<0.005
1/27/2022			<0.005	<0.005		
8/24/2022						<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	
2/14/2023	<0.005				<0.005	
2/15/2023		<0.005		<0.005		<0.005
2/16/2023			<0.005			
Mean	0.004722	0.004173	0.004141	0.004713	0.004691	0.003936
Std. Dev.	0.001077	0.001715	0.001778	0.00111	0.001198	0.00184
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.00083	0.0011	0.00072	0.0007	0.00036	0.001

Constituent: Arsenic (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-33
12/8/2016	<0.005
3/23/2017	0.0007 (J)
7/12/2017	<0.005
10/19/2017	<0.005
2/21/2018	0.00094 (J)
7/12/2018	<0.005
9/14/2018	<0.005
10/4/2018	<0.005
10/3/2019	<0.005
3/26/2020	<0.005
8/26/2020	<0.005
9/16/2021	<0.005
1/27/2022	<0.005
8/24/2022	<0.005
2/16/2023	<0.005
Mean	0.004443
Std. Dev.	0.001471
Upper Lim.	0.005
Lower Lim.	0.00094

Constituent: Barium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	0.0253					
9/1/2016		0.103				
9/6/2016			0.0794			
9/7/2016				0.0823	0.0717	0.067
12/7/2016	0.065	0.0781	0.0689			
12/8/2016				0.0668	0.0513	0.0522
3/21/2017	0.0379					
3/22/2017		0.0589	0.0423	0.0821	0.0273	
3/23/2017						0.0591
7/11/2017	0.036		0.0467			
7/12/2017		0.0613		0.0805	0.0269	0.0604
10/18/2017	0.0247	0.0617	0.0446	0.0776	0.0258	
10/19/2017						0.0542
2/20/2018	0.03					
2/21/2018		0.076	0.046	0.073	0.029	0.058
7/11/2018	0.027					
7/12/2018		0.056	0.043			0.057
8/15/2018					0.027	
8/16/2018				0.081		
9/12/2018	0.022					
9/13/2018		0.048	0.038		0.023	
9/14/2018				0.081		0.058
10/2/2019	0.017	0.049	0.038	0.074		
10/3/2019					0.025	0.057
3/25/2020	0.021			0.077		
3/26/2020		0.048	0.034		0.023	0.052
8/26/2020	0.016	0.053	0.036	0.077		0.049
8/27/2020					0.023	
10/6/2020	0.016		0.034			
10/7/2020		0.049		0.074	0.023	0.054
3/3/2021	0.017					0.055
3/4/2021		0.047	0.035	0.071	0.023	
9/15/2021	0.014	0.045	0.032			
9/16/2021				0.064	0.022	0.053
1/26/2022	0.016	0.055	0.034			
1/27/2022				0.072	0.025	0.055
8/25/2022	0.011	0.057	0.035	0.061	0.026	0.046
2/14/2023	0.014					
2/15/2023		0.048	0.033		0.026	0.051
2/16/2023	0.00444	0.05047	0.04005	0.059	0.0000	0.05547
Mean	0.02411	0.05847	0.04235	0.07372	0.02929	0.05517
Std. Dev.	0.01308	0.01493	0.013	0.00735	0.0128	0.004815
Upper Lim.	0.02979	0.0617	0.046	0.07833	0.0273	0.05819
Lower Lim.	0.0164	0.048	0.034	0.06912	0.023	0.05215

Constituent: Barium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	0.0407			
9/1/2016				0.0117
9/8/2016		0.102		
12/7/2016	0.0581			0.0133
12/8/2016		0.102	0.162 (o)	
3/21/2017	0.0678			
3/22/2017		0.0951		0.0114
3/23/2017			0.0753	
7/11/2017	0.0574	0.102		
7/12/2017			0.0756	0.0097 (J)
10/18/2017	0.0351	0.0997		
10/19/2017			0.0681	0.0091 (J)
2/20/2018	0.05			
2/21/2018		0.11	0.085	0.0086 (J)
7/11/2018	0.051			
7/12/2018		0.1	0.076	0.0093 (J)
9/13/2018	0.038	0.1		0.0078 (J)
9/14/2018			0.071	
10/4/2018			0.072	
9/10/2019	0.029			
10/2/2019		0.11		
10/3/2019			0.057	0.007 (X)
3/25/2020	0.048	0.11		
3/26/2020			0.057	0.0072 (J)
8/26/2020	0.039	0.1	0.051	0.007 (J)
10/6/2020	0.037			
10/7/2020		0.11	0.048	0.0061 (J)
3/3/2021	0.039	0.12		
3/4/2021			0.047	0.0061
9/15/2021	0.037	0.11		
9/16/2021			0.039	0.0062
1/26/2022	0.039	0.11		
1/27/2022			0.043	0.0068
8/24/2022		0.1	0.038	
8/25/2022	0.036			0.0058
2/14/2023	0.033			
2/15/2023		0.1		0.006
2/16/2023			0.04	
Mean	0.04324	0.1048	0.05894	0.008182
Std. Dev.	0.01044	0.006384	0.0157	0.002269
Upper Lim.	0.04979	0.11	0.06915	0.009458
Lower Lim.	0.0367	0.1	0.04872	0.006747

Constituent: Cadmium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	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
8/26/2020	<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
Mean	0.0004538	0.0004692
Std. Dev.	0.0001127	0.0001109
Upper Lim.	0.0005	0.0005
Lower Lim.	0.0002	0.0001

Constituent: Chromium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-16	PZ-18	PZ-19	PZ-23A	PZ-33
8/31/2016	<0.01				<0.01	
9/6/2016		<0.005				
9/7/2016			<0.005	<0.005		
12/7/2016	<0.01	<0.005			<0.01	
12/8/2016			<0.005	<0.005		<0.005
3/21/2017	<0.01				0.0009 (J)	
3/22/2017		0.0008 (J)	<0.005			
3/23/2017				<0.005		0.0017 (J)
7/11/2017	<0.01	<0.005			0.0016 (J)	
7/12/2017			<0.005	<0.005		<0.005
10/18/2017	<0.01	<0.005	<0.005		0.0019 (J)	
10/19/2017				<0.005		<0.005
2/20/2018	<0.01				<0.01	
2/21/2018		<0.005	<0.005	<0.005		<0.005
7/11/2018	<0.01				0.0021 (J)	
7/12/2018		<0.005		<0.005		<0.005
8/15/2018			<0.005			
9/12/2018	<0.01					
9/13/2018		<0.005	<0.005		0.0022 (J)	
9/14/2018				<0.005		<0.005
10/4/2018						<0.005
9/10/2019					0.0044 (X)	
10/2/2019	<0.01	0.00044 (X)				
10/3/2019			<0.005	<0.005		<0.005
3/25/2020	0.0013 (J)				0.0012 (J)	
3/26/2020		0.0013 (J)	0.00056 (J)	0.00073 (J)		<0.005
8/26/2020	0.0011 (J)	0.00087 (J)		<0.005	0.0014 (J)	<0.005
8/27/2020			<0.005			
10/6/2020	0.00098 (J)	0.0011 (J)			0.0015 (J)	
10/7/2020			<0.005	<0.005		<0.005
3/3/2021	0.00097 (J)			<0.005	0.0015 (J)	
3/4/2021		0.0012 (J)	<0.005			<0.005
9/15/2021	0.0014 (J)	0.0011 (J)			0.0019 (J)	
9/16/2021			<0.005	<0.005		<0.005
1/26/2022	0.0012 (J)	0.0013 (J)			0.0028 (J)	
1/27/2022			<0.005	<0.005		<0.005
8/24/2022						<0.005
8/25/2022	0.0014 (J)	0.0012 (J)	<0.005	<0.005	0.0022 (J)	
2/14/2023	0.0018 (J)				0.0024 (J)	
2/15/2023		<0.005	<0.005	<0.005		
2/16/2023						<0.005
Mean	0.005891	0.002901	0.004739	0.004749	0.003412	0.004806
Std. Dev.	0.004496	0.00205	0.001077	0.001036	0.003237	0.0008004
Upper Lim.	0.01	0.005	0.005	0.005	0.0044	0.005
Lower Lim.	0.0012	0.00087	0.00056	0.00073	0.0014	0.0017

Constituent: Chromium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-7D
9/1/2016	<0.01
12/7/2016	0.003 (J)
3/22/2017	0.0005 (J)
7/12/2017	<0.01
10/19/2017	0.0005 (J)
2/21/2018	<0.01
7/12/2018	<0.01
9/13/2018	<0.01
10/3/2019	0.0004 (X)
3/26/2020	0.0016 (J)
8/26/2020	0.0011 (J)
10/7/2020	0.0014 (J)
3/4/2021	0.0024 (J)
9/16/2021	0.0025 (J)
1/27/2022	0.0034 (J)
8/25/2022	0.0024 (J)
2/15/2023	0.0034 (J)
Mean	0.004271
Std. Dev.	0.003923
Upper Lim.	0.001981
Lower Lim.	0.0007428

Constituent: Cobalt (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	<0.005					
9/1/2016		0.0012 (J)				
9/6/2016			0.0005 (J)			
9/7/2016				0.0011 (J)	0.0011 (J)	0.0012 (J)
12/7/2016	0.002 (J)	0.0005 (J)	<0.005			
12/8/2016				0.0006 (J)	<0.005	0.0009 (J)
3/21/2017	<0.005					
3/22/2017		0.0005 (J)	<0.005	0.0006 (J)	<0.005	
3/23/2017						<0.005
7/11/2017	0.0003 (J)		<0.005			
7/12/2017		0.0004 (J)		0.0005 (J)	<0.005	<0.005
10/18/2017	<0.005	0.0004 (J)	<0.005	0.0005 (J)	<0.005	
10/19/2017						<0.005
2/20/2018	<0.005					
2/21/2018		<0.005	<0.005	<0.005	<0.005	<0.005
7/11/2018	<0.005					
7/12/2018		<0.005	<0.005			<0.005
8/15/2018					<0.005	
8/16/2018				<0.005		
9/12/2018	<0.005					
9/13/2018		<0.005	<0.005		<0.005	
9/14/2018				<0.005		<0.005
10/2/2019	<0.005	<0.005	<0.005	<0.005		
10/3/2019					<0.005	<0.005
3/25/2020	<0.005			0.00032 (J)		
3/26/2020		<0.005	<0.005		<0.005	<0.005
8/26/2020	<0.005	<0.005	<0.005	<0.005		<0.005
8/27/2020					<0.005	
10/6/2020	<0.005		<0.005			
10/7/2020		<0.005		<0.005	<0.005	<0.005
3/3/2021	<0.005					<0.005
3/4/2021		<0.005	<0.005	<0.005	<0.005	
9/15/2021	<0.005	<0.005	<0.005			
9/16/2021				<0.005	<0.005	<0.005
1/26/2022	<0.005	<0.005	<0.005			
1/27/2022				<0.005	<0.005	<0.005
8/25/2022	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
2/14/2023	<0.005					
2/15/2023		<0.005	<0.005		<0.005	<0.005
2/16/2023				<0.005		
Mean	0.004547	0.003706	0.004735	0.003448	0.004771	0.004535
Std. Dev.	0.001313	0.002073	0.001091	0.002171	0.0009459	0.001313
Upper Lim.	0.005	0.005	0.005	0.005	0.005	0.005
Lower Lim.	0.002	0.0005	0.0005	0.0006	0.0011	0.0012

Constituent: Cobalt (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33
8/31/2016	<0.005		
9/8/2016		0.0008 (J)	
12/7/2016	0.0008 (J)		
12/8/2016		<0.01	0.0041 (J)
3/21/2017	<0.005		
3/22/2017		0.001 (J)	
3/23/2017			0.0008 (J)
7/11/2017	<0.005	0.001 (J)	
7/12/2017			0.0007 (J)
10/18/2017	<0.005	0.0011 (J)	
10/19/2017			0.0005 (J)
2/20/2018	<0.005		
2/21/2018		0.00075 (J)	0.0012 (J)
7/11/2018	<0.005		
7/12/2018		0.0008 (J)	0.00053 (J)
9/13/2018	<0.005	0.001 (J)	
9/14/2018			<0.005
10/4/2018			<0.005
9/10/2019	<0.005		
10/2/2019		0.0017 (X)	
10/3/2019			<0.005
3/25/2020	0.0003 (J)	0.0018 (J)	
3/26/2020			<0.005
8/26/2020	0.00058 (J)	0.0016 (J)	<0.005
10/6/2020	0.00067 (J)		
10/7/2020		0.0014 (J)	<0.005
3/3/2021	0.00049 (J)	0.0016 (J)	
3/4/2021			<0.005
9/15/2021	<0.005	0.002 (J)	
9/16/2021			<0.005
1/26/2022	<0.005	0.0016 (J)	
1/27/2022			<0.005
8/24/2022		0.0016 (J)	<0.005
8/25/2022	<0.005		
2/14/2023	<0.005		
2/15/2023		0.0012 (J)	
2/16/2023			<0.005
Mean	0.003696	0.001526	0.003696
Std. Dev.	0.002084	0.000975	0.00198
Upper Lim.	0.005	0.0017	0.005
Lower Lim.	0.00067	0.0008	0.0008

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

					,	
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	1.77					
9/1/2016		1.19				
9/6/2016			1.12			
9/7/2016				1.06 (U)	1.51	1.22
12/7/2016	0.672 (U)	1.88	1.37			
12/8/2016				1.3	1.29	1.69
3/21/2017	0.33 (U)					
3/22/2017		0.617 (U)	0.435 (U)	0.566 (U)	0.799 (U)	
3/23/2017						1.07
7/11/2017	0.701 (U)		0.76 (U)			
7/12/2017		0.674 (U)		0.856 (U)	0.4 (U)	0.849 (U)
10/18/2017	0.808 (U)	0.844 (U)	0.847 (U)	0.957	0.613 (U)	
10/19/2017						0.398 (U)
2/20/2018	2.12					
2/21/2018		0.842 (U)	0.373 (U)	1.4	0.736 (U)	1.03 (U)
7/11/2018	0.232 (U)					
7/12/2018		0.552 (U)	0.408 (U)			1.28 (U)
9/12/2018	0.532 (U)					
9/13/2018		0.662 (U)	0.472 (U)		0.708 (U)	
9/14/2018				1.16		0.74 (U)
10/2/2019	0.915 (U)	1 (U)	0.65 (U)	1.34 (U)		
10/3/2019					2.07	1.9
3/25/2020	0.694 (U)			0.385 (U)		
3/26/2020		0.863 (U)	0.522 (U)		1.05	1.66
8/26/2020	0.115 (U)	0.681 (U)	0.499 (U)	1.62		0.703 (U)
10/6/2020	0.265 (U)		1.12 (U)			
10/7/2020		1.22 (U)		0.432 (U)	0.365 (U)	0.893
3/3/2021	0.328 (U)					0.469 (U)
3/4/2021		0.674 (U)	0.404 (U)	0.734 (U)	0.498 (U)	
9/15/2021	0.872 (U)	0.729 (U)	0.721 (U)			
9/16/2021				0.377 (U)	0.681 (U)	1.4
1/26/2022	0.185 (U)	0.879 (U)	0.117 (U)			
1/27/2022				0.314 (U)	0.418 (U)	0.255 (U)
8/25/2022	0.453 (U)	1.05	0.728 (U)	0.98 (U)	0.0434 (U)	0.937
2/14/2023	0.0857 (U)					
2/15/2023		0.875 (U)	0.137 (U)		0.828	0.652 (U)
2/16/2023				0.129 (U)		
Mean	0.6516	0.896	0.6284	0.8506	0.8006	1.009
Std. Dev.	0.5572	0.3187	0.3423	0.4489	0.51	0.4695
Upper Lim.	0.8939	1.052	0.8429	1.143	1.146	1.303
Lower Lim.	0.2977	0.7051	0.4139	0.5586	0.4551	0.7144

Constituent: Combined Radium 226 + 228 (pCi/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	1.85			
9/1/2016				0.88 (U)
9/8/2016		1.41		
12/7/2016	0.844 (U)			0.179 (U)
12/8/2016		1.39	0.968 (U)	
3/21/2017	0.832 (U)			
3/22/2017		0.852 (U)		0.279 (U)
3/23/2017			0.444 (U)	
7/11/2017	0.824 (U)	1.04		
7/12/2017			0.814 (U)	0.125 (U)
10/18/2017	1.19	0.678 (U)		
10/19/2017			0.748 (U)	0.329 (U)
2/20/2018	0.975 (U)			
2/21/2018		0.863 (U)	1.05 (U)	0.504 (U)
7/11/2018	1.29			
7/12/2018		1.42	0.751 (U)	0.188 (U)
9/13/2018	0.765 (U)	0.766 (U)		0.0542 (U)
9/14/2018			1.01 (U)	
10/4/2018			1.05	
9/10/2019	0.575 (U)			
10/2/2019		1.48		
10/3/2019			1.62 (U)	1.37
3/25/2020	1.39	0.91 (U)		
3/26/2020			0.473 (U)	0.43 (U)
8/26/2020	0.774 (U)	0.95 (U)	0.782 (U)	0.572 (U)
10/6/2020	1.24 (U)			
10/7/2020		1.01 (U)	0.442 (U)	0.232 (U)
3/3/2021	1.01 (U)	0.545 (U)		
3/4/2021			1.03 (U)	0.529 (U)
9/15/2021	0.742 (U)	1.07 (U)		
9/16/2021			0.184 (U)	0.382 (U)
1/26/2022	0.76 (U)	0.282 (U)		
1/27/2022			0.259 (U)	0.315 (U)
8/24/2022		0.764 (U)	0.764 (U)	
8/25/2022	0.396 (U)			0.771 (U)
2/14/2023	0.521 (U)			
2/15/2023		0.484 (U)		0.496 (U)
2/16/2023			0.765	
Mean	0.9399	0.9361	0.7738	0.4491
Std. Dev.	0.3606	0.3463	0.3494	0.324
Upper Lim.	1.166	1.153	0.9927	0.602
Lower Lim.	0.7139	0.7191	0.5548	0.2385

Constituent: Fluoride (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			r idirit iviitorio	ii Olioni. Oodinom	Company Data: I	vincincii / torri orid oori
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	0.13 (J)					
9/1/2016		0.06 (J)				
9/6/2016			0.09 (J)			
9/7/2016				0.03 (J)	0.12 (J)	0.15 (J)
12/7/2016	0.07 (J)	0.09 (J)	0.09 (J)			
12/8/2016				0.18 (J)	0.18 (J)	0.12 (J)
3/21/2017	<0.1					
3/22/2017		0.11 (J)	0.04 (J)	0.09 (J)	0.08 (J)	
3/23/2017						0.14 (J)
7/11/2017	0.05 (J)		0.05 (J)			
7/12/2017		0.23 (J)		0.21 (J)	0.17 (J)	0.07 (J)
10/18/2017	0.11 (J)	0.19 (J)	0.04 (J)	0.24 (J)	0.06 (J)	
10/19/2017						<0.3
2/20/2018	0.04 (J)					
2/21/2018		0.093 (J)	<0.1	0.24 (J)	0.086 (J)	0.37
7/11/2018	<0.1					
7/12/2018		<0.1	<0.1			0.17 (J)
8/15/2018					<0.1	
8/16/2018				0.073 (J)		
9/12/2018	<0.1					
9/13/2018		0.15 (J)	<0.1		<0.1	
9/14/2018				<0.1		<0.3
3/27/2019	<0.1		<0.1		<0.1	
3/28/2019		0.1		0.15		0.074
10/2/2019	0.056 (X)	0.075 (X)	0.053 (X)	0.063 (X)		
10/3/2019					0.043 (X)	0.084 (X)
3/25/2020	<0.1			<0.1		
3/26/2020		0.056 (J)	<0.1		<0.1	0.077 (J)
8/26/2020	<0.1	<0.1	<0.1	<0.1		0.062 (J)
8/27/2020					<0.1	
10/6/2020	<0.1		<0.1			
10/7/2020		<0.1		<0.1	<0.1	0.064 (J)
3/3/2021	<0.1					0.058 (J)
3/4/2021	0.4	<0.1	<0.1	<0.1	<0.1	
9/15/2021	<0.1	<0.1	<0.1	0.050 (1)	.0.4	0.007 (1)
9/16/2021	0.4	.0.4	.0.4	0.052 (J)	<0.1	0.067 (J)
1/26/2022	<0.1	<0.1	<0.1	-0.1	-0.4	0.050 (1)
1/27/2022	0.051 (1)	0.074 (1)	0.050 (1)	<0.1	<0.1	0.056 (J)
8/25/2022	0.051 (J)	0.074 (J)	0.058 (J)	0.078 (J)	0.052 (J)	0.086 (J)
2/14/2023	<0.1	0.064 (1)	0.053 (1)		-0.1	0.096 (1)
2/15/2023		0.064 (J)	0.053 (J)	0.077 (1)	<0.1	0.086 (J)
2/16/2023 Moon	0.08928	0.1051	0.08180	0.077 (J)	0.0995	0.113
Mean Std. Dev.		0.1051 0.04433	0.08189 0.02447	0.1157	0.0995	0.113 0.07457
Upper Lim.	0.02458 0.11	0.04433	0.02447	0.06239 0.1225	0.03382	0.15
Lower Lim.	0.11	0.06926	0.1	0.05972	0.12	0.064
LUWEI LIIII.	0.000	0.00320	0.000	0.00372	0.00	0.004

Constituent: Fluoride (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	0.13 (J)			
9/1/2016				<0.1
9/8/2016		0.25 (J)		
12/7/2016	0.13 (J)			0.15 (J)
12/8/2016		0.22 (J)	0.21 (J)	
3/21/2017	0.05 (J)			
3/22/2017		0.16 (J)		0.09 (J)
3/23/2017			0.18 (J)	
7/11/2017	0.05 (J)	0.23 (J)		
7/12/2017			0.06 (J)	0.02 (J)
10/18/2017	<0.1	0.28 (J)		
10/19/2017			<0.1	<0.1
2/20/2018	0.3 (J)			
2/21/2018		0.29 (J)	0.039 (J)	0.045 (J)
7/11/2018	0.077 (J)			
7/12/2018		0.21 (J)	<0.1	<0.1
9/13/2018	<0.1	0.22 (J)		<0.1
9/14/2018			<0.1	
10/4/2018			0.15 (J)	
3/27/2019	<0.1	0.37		
3/28/2019			<0.1	<0.1
9/10/2019	<0.1			
10/2/2019		0.16 (X)		
10/3/2019			0.06 (X)	0.041 (X)
3/25/2020	0.066 (J)	0.13 (J)		
3/26/2020			<0.1	<0.1
8/26/2020	0.057 (J)	0.14	<0.1	<0.1
10/6/2020	0.052 (J)			
10/7/2020		0.13	<0.1	<0.1
3/3/2021	<0.1	0.12		
3/4/2021			<0.1	<0.1
9/15/2021	<0.1	0.14		
9/16/2021			<0.1	<0.1
1/26/2022	<0.1	0.11		
1/27/2022			<0.1	<0.1
8/24/2022		0.15	0.092 (J)	
8/25/2022	0.074 (J)			0.056 (J)
2/14/2023	0.084 (J)			
2/15/2023		0.16		0.05 (J)
2/16/2023			0.082 (J)	
Mean	0.09833	0.1928	0.1041	0.08622
Std. Dev.	0.05611	0.07094	0.04059	0.03118
Upper Lim.	0.13	0.2357	0.15	0.1
Lower Lim.	0.057	0.1499	0.082	0.05

Constituent: Lead (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			i idii iiiidii		. company Data:	inition on a contract of the c
	PZ-15	PZ-16	PZ-18	PZ-19	PZ-23A	PZ-33
8/31/2016					<0.001	
9/1/2016	<0.001					
9/6/2016		<0.001				
9/7/2016			<0.001	<0.001		
12/7/2016	<0.001	<0.001			<0.001	
12/8/2016			<0.001	<0.001		<0.001
3/21/2017					<0.001	
3/22/2017	5E-05 (J)	<0.001	<0.001			
3/23/2017				<0.001		9E-05 (J)
7/11/2017		<0.001			<0.001	
7/12/2017	<0.001		<0.001	<0.001		<0.001
10/18/2017	<0.001	<0.001	<0.001		<0.001	
10/19/2017				<0.001		<0.001
2/20/2018					<0.001	
2/21/2018	<0.001	<0.001	0.00043 (J)	<0.001		<0.001
7/11/2018					<0.001	
7/12/2018	<0.001	<0.001		<0.001		<0.001
8/15/2018			<0.001			
9/13/2018	<0.001	<0.001	<0.001		<0.001	
9/14/2018				<0.001		<0.001
10/4/2018						<0.001
9/10/2019					<0.001	
10/2/2019	<0.001	8.1E-05 (X)				
10/3/2019			<0.001	<0.001		4.7E-05 (X)
3/25/2020					0.00015 (J)	
3/26/2020	<0.001	<0.001	<0.001	<0.001		<0.001
8/26/2020	<0.001	<0.001		<0.001	<0.001	<0.001
8/27/2020			<0.001			
10/6/2020		<0.001			4.7E-05 (J)	
10/7/2020	<0.001		4.2E-05 (J)	4.2E-05 (J)		<0.001
3/3/2021				<0.001	5.8E-05 (J)	
3/4/2021	<0.001	<0.001	<0.001			<0.001
9/15/2021	<0.001	<0.001			<0.001	
9/16/2021	.0.004	.0.004	<0.001	<0.001	.0.004	<0.001
1/26/2022	<0.001	<0.001		.0.004	<0.001	.0.004
1/27/2022			<0.001	<0.001		<0.001
8/24/2022	-0.001	<0.001	-0.001	-0.001	<0.001	<0.001
8/25/2022 2/14/2023	<0.001	<0.001	<0.001	<0.001	<0.001 <0.001	
2/15/2023	<0.001	<0.001	<0.001	<0.001	<0.001	
2/16/2023	<0.001	<0.001	<0.001	<0.001		<0.001
Mean	0.0009441	0.0009459	0.0009101	0.0009436	0.0008385	0.0008904
Std. Dev.	0.0009441	0.0009439	0.0009101	0.0009430	0.0003601	0.0003094
Upper Lim.	0.0002304	0.0002229	0.0002028	0.0002323	0.000	0.001
Lower Lim.	5E-05	8.1E-05	0.00043	4.2E-05	0.0001	9E-05
LOTTO: LIIII.	32 00	5.1L 00	3.000-10	22 00	0.00010	32 00

Constituent: Lead (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval
Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-7D
9/1/2016	<0.001
12/7/2016	<0.001
3/22/2017	<0.001
7/12/2017	<0.001
10/19/2017	<0.001
2/21/2018	<0.001
7/12/2018	<0.001
9/13/2018	<0.001
10/3/2019	<0.001
3/26/2020	<0.001
8/26/2020	<0.001
10/7/2020	<0.001
3/4/2021	4.1E-05 (J)
9/16/2021	<0.001
1/27/2022	<0.001
8/25/2022	<0.001
2/15/2023	<0.001
Mean	0.0009436
Std. Dev.	0.0002326
Upper Lim.	0.001
Lower Lim.	4.1E-05

Constituent: Lithium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-17	PZ-18	PZ-19	PZ-23A
8/31/2016	<0.03					<0.03
9/1/2016		<0.05				
9/7/2016			<0.05	<0.05	0.0082 (J)	
12/7/2016	0.003 (J)	<0.05				<0.03
12/8/2016			<0.05	<0.05	0.0061 (J)	
3/21/2017	<0.03					<0.03
3/22/2017		0.0011 (J)	0.0021 (J)	0.0029 (J)		
3/23/2017					0.0122 (J)	
7/11/2017	<0.03					<0.03
7/12/2017		<0.05	0.002 (J)	0.0024 (J)	0.013 (J)	
10/18/2017	<0.03	<0.05	0.002 (J)	0.0027 (J)		<0.03
10/19/2017					0.013 (J)	
2/20/2018	<0.03					<0.03
2/21/2018		<0.05	0.0022 (J)	0.0021 (J)	0.0085 (J)	
7/11/2018	<0.03					<0.03
7/12/2018		0.0012 (J)			0.013 (J)	
8/15/2018				0.0027 (J)		
8/16/2018			0.0027 (J)			
9/12/2018	<0.03					
9/13/2018		0.0013 (J)		0.0029 (J)		<0.03
9/14/2018			0.0025 (J)		0.018 (J)	
9/10/2019						<0.03
10/2/2019	<0.03	0.0013 (X)	0.0024 (X)			
10/3/2019				0.0027 (X)	0.016 (X)	
3/25/2020	<0.03		0.003 (J)			0.0011 (J)
3/26/2020		0.0014 (J)		0.0027 (J)	0.013 (J)	
8/26/2020	<0.03	0.0013 (J)	0.0028 (J)		0.011 (J)	0.0011 (J)
8/27/2020				0.0025 (J)		
10/6/2020	<0.03					0.00097 (J)
10/7/2020		0.0013 (J)	0.0029 (J)	0.003 (J)	0.013 (J)	
3/3/2021	<0.03				0.015 (J)	0.001 (J)
3/4/2021		0.0014 (J)	0.002 (J)	0.0029 (J)		
9/15/2021	<0.03	0.0013 (J)				0.00085 (J)
9/16/2021			0.0021 (J)	0.0023 (J)	0.013 (J)	
1/26/2022	<0.03	0.0013 (J)				<0.03
1/27/2022			0.0022 (J)	0.003 (J)	0.016 (J)	
8/25/2022	<0.03	0.0012 (J)	0.0018 (J)	0.0033 (J)	0.012 (J)	<0.03
2/14/2023	<0.03					<0.03
2/15/2023		0.001 (J)		0.0027 (J)	0.011 (J)	
2/16/2023			0.0014 (J)			
Mean	0.02841	0.01559	0.004947	0.005341	0.01247	0.02147
Std. Dev.	0.006548	0.02289	0.007559	0.007405	0.002987	0.01362
Upper Lim.	0.03	0.05	0.0029	0.0033	0.01434	0.03
Lower Lim.	0.003	0.0012	0.002	0.0025	0.0106	0.001

Constituent: Lithium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25	PZ-7D
9/1/2016		0.0022 (J)
9/8/2016	0.0038 (J)	
12/7/2016		0.0023 (J)
12/8/2016	0.0038 (J)	
3/22/2017	0.0068 (J)	0.0025 (J)
7/11/2017	0.0059 (J)	
7/12/2017		0.0033 (J)
10/18/2017	0.0057 (J)	
10/19/2017		<0.25
2/21/2018	0.0063 (J)	0.0034 (J)
7/12/2018	0.0063 (J)	0.0038 (J)
9/13/2018	0.0061 (J)	0.0026 (J)
10/2/2019	0.0074 (X)	
10/3/2019		0.0032 (X)
3/25/2020	0.0066 (J)	
3/26/2020		0.0031 (J)
8/26/2020	0.0065 (J)	0.0023 (J)
10/7/2020	0.0063 (J)	0.0023 (J)
3/3/2021	0.0061 (J)	
3/4/2021		0.0031 (J)
9/15/2021	0.0061 (J)	
9/16/2021		0.0025 (J)
1/26/2022	0.008 (J)	
1/27/2022		0.0039 (J)
8/24/2022	0.0073 (J)	
8/25/2022		0.003 (J)
2/15/2023	0.0057 (J)	0.0037 (J)
Mean	0.006159	0.01013
Std. Dev.	0.001079	0.02961
Upper Lim.	0.006843	0.0037
Lower Lim.	0.005588	0.0023

Constituent: Mercury (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

8/31/2016	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016						
	<0.0002					
9/1/2016		<0.0002				
9/6/2016			<0.0002			
9/7/2016				<0.0002	<0.0002	<0.0002
12/7/2016	7E-05 (J)	<0.0002	<0.0002			
12/8/2016				<0.0002	<0.0002	<0.0002
3/21/2017	<0.0002					
3/22/2017		<0.0002	<0.0002	<0.0002	<0.0002	
3/23/2017						<0.0002
7/11/2017	<0.0002		<0.0002			
7/12/2017		<0.0002		<0.0002	<0.0002	<0.0002
10/18/2017	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	
10/19/2017						<0.0002
2/20/2018	<0.0002					
2/21/2018		9.7E-05 (J)	6.8E-05 (J)	8.6E-05 (J)	5.7E-05 (J)	4.5E-05 (J)
7/11/2018	<0.0002					
7/12/2018		<0.0002	<0.0002			<0.0002
8/15/2018					<0.0002	
8/16/2018				<0.0002		
9/12/2018	<0.0002					
9/13/2018		<0.0002	<0.0002		<0.0002	
9/14/2018				<0.0002		<0.0002
8/26/2020	0.00015 (J)	<0.0002	<0.0002	<0.0002		0.0001 (J)
8/27/2020					<0.0002	
10/6/2020	<0.0002		<0.0002			
10/7/2020		<0.0002		<0.0002	<0.0002	<0.0002
3/3/2021	<0.0002					<0.0002
3/4/2021		<0.0002	<0.0002	<0.0002	<0.0002	
9/15/2021	<0.0002	<0.0002	<0.0002			
9/16/2021				<0.0002	<0.0002	<0.0002
1/26/2022	<0.0002	<0.0002	<0.0002			
1/27/2022				<0.0002	<0.0002	<0.0002
8/25/2022	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
2/14/2023	<0.0002					
		<0.0002	<0.0002		<0.0002	<0.0002
2/16/2023				<0.0002		
Mean	0.000188	0.0001931	0.0001912	0.0001924	0.0001905	0.000183
Std. Dev.	3.509E-05	2.659E-05	3.408E-05	2.943E-05	3.692E-05	4.605E-05
Upper Lim.						0.0002
Lower Lim.	0.00015	9.7E-05	6.8E-05	8.6E-05	5.7E-05	0.0001
	9/7/2016 12/7/2016 12/8/2016 3/21/2017 3/22/2017 3/23/2017 7/11/2017 7/11/2017 10/18/2017 10/18/2017 10/19/2018 2/21/2018 2/21/2018 8/15/2018 8/15/2018 8/15/2018 8/15/2018 8/16/2018 9/13/2018 9/14/2018 8/26/2020 8/27/2020 10/6/2020 10/7/2020 3/3/2021 3/4/2021 9/15/2021 1/26/2022 1/27/2022 8/25/2022 2/14/2023 2/15/2023 Mean Std. Dev.	9/7/2016 12/7/2016 12/7/2016 12/8/2016 3/21/2017 3/22/2017 3/23/2017 7/11/2017 10/18/2017 10/18/2017 10/19/2017 2/20/2018 2/21/2018 7/11/2018 7/11/2018 8/15/2018 8/15/2018 8/15/2018 8/16/2018 9/12/2018 9/12/2018 8/26/2020 10/6/2020 10/6/2020 10/6/2020 10/7/2020 3/3/2021 3/4/2021 9/15/2021 1/26/2022 1/27/2022 8/25/2022 2/14/2023 2/16/2023 Mean 0.0001 1/2/2023 Mean 0.0002 1/27/2023 1/26/2023 Mean 0.000188 Std. Dev. 3,509E-05 Upper Lim. 0.0002	9/7/2016 12/7/2016 7E-05 (J) <0.0002 12/8/2016 3/21/2017 <0.0002 3/22/2017	97/72016 12/7/2016 7E-05 (J)	97/2016 7E-05 (J)	97/2016

Constituent: Mercury (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	<0.0002			
9/1/2016				<0.0002
9/8/2016		<0.0002		
12/7/2016	9E-05 (J)			6E-05 (J)
12/8/2016		<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	<0.0002		
7/12/2017			<0.0002	<0.0002
10/18/2017	<0.0002	<0.0002		
10/19/2017			<0.0002	<0.0002
2/20/2018	<0.0002			
2/21/2018		5.3E-05 (J)	4.3E-05 (J)	5.3E-05 (J)
7/11/2018	<0.0002			
7/12/2018		<0.0002	<0.0002	<0.0002
9/13/2018	<0.0002	<0.0002		<0.0002
9/14/2018			4.1E-05 (J)	
10/4/2018			<0.0002	
8/26/2020	0.00017 (J)	<0.0002	0.00011 (J)	<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	<0.0002		
9/16/2021			<0.0002	<0.0002
1/26/2022	<0.0002	<0.0002		
1/27/2022			<0.0002	<0.0002
8/24/2022			<0.0002	
8/25/2022	<0.0002			<0.0002
10/11/2022		<0.0002		
2/14/2023	<0.0002			
2/15/2023		<0.0002		<0.0002
2/16/2023			<0.0002	
Mean	0.0001907	0.0001902	0.0001729	0.0001809
Std. Dev.	2.89E-05	3.796E-05	5.797E-05	5.051E-05
Upper Lim.	0.0002	0.0002	0.0002	0.0002
Lower Lim.	0.00017	5.3E-05	0.00011	6E-05

Constituent: Molybdenum (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

			T latte mitorio	Giloria Godanon	. company bata	
	PZ-14	PZ-15	PZ-16	PZ-17	PZ-19	PZ-23A
8/31/2016	<0.01					<0.01
9/1/2016		<0.01				
9/6/2016			<0.01			
9/7/2016				<0.01	0.0027 (J)	
12/7/2016	<0.01	<0.01	<0.01			<0.01
12/8/2016				<0.01	0.0022 (J)	
3/21/2017	0.0005 (J)					0.0006 (J)
3/22/2017		0.0004 (J)	0.0004 (J)	0.0004 (J)		
3/23/2017					0.0025 (J)	
7/11/2017	<0.01		<0.01			<0.01
7/12/2017		<0.01		<0.01	0.0022 (J)	
10/18/2017	<0.01	<0.01	<0.01	<0.01		<0.01
10/19/2017					0.0021 (J)	
2/20/2018	<0.01					<0.01
2/21/2018		<0.01	<0.01	<0.01	<0.01	
7/11/2018	<0.01					<0.01
7/12/2018		<0.01	<0.01		0.0022 (J)	
8/16/2018				<0.01		
9/12/2018	<0.01					
9/13/2018		<0.01	<0.01			<0.01
9/14/2018				<0.01	0.0023 (J)	
9/10/2019						<0.01
10/2/2019	<0.01	<0.01	<0.01	<0.01		
10/3/2019					0.0024 (X)	
3/25/2020	<0.01			<0.01		0.0011 (J)
3/26/2020		<0.01	<0.01		0.0021 (J)	
8/26/2020	<0.01	<0.01	<0.01	<0.01	0.002 (J)	<0.01
10/6/2020	<0.01		<0.01			<0.01
10/7/2020		<0.01		<0.01	0.0019 (J)	
3/3/2021	<0.01				0.0021 (J)	<0.01
3/4/2021		<0.01	<0.01	<0.01		
9/15/2021	<0.01	<0.01	<0.01			<0.01
9/16/2021				<0.01	0.0021 (J)	
1/26/2022	<0.01	<0.01	<0.01			<0.01
1/27/2022				<0.01	0.0022 (J)	
8/25/2022	<0.01	<0.01	<0.01	<0.01	0.0017 (J)	<0.01
2/14/2023	<0.01					<0.01
2/15/2023		<0.01	<0.01		0.0016 (J)	
2/16/2023				<0.01		
Mean	0.009441	0.009435	0.009435	0.009435	0.002312	0.008924
Std. Dev.	0.002304	0.002328	0.002328	0.002328	0.0007415	0.00304
Upper Lim.	0.01	0.01	0.01	0.01	0.0024	0.01
Lower Lim.	0.0005	0.0004	0.0004	0.0004	0.002	0.0011

Constituent: Molybdenum (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-25
9/8/2016	<0.01
12/8/2016	<0.01
3/22/2017	0.001 (J)
7/11/2017	<0.01
10/18/2017	<0.01
2/21/2018	<0.01
7/12/2018	<0.01
9/13/2018	<0.01
10/2/2019	<0.01
3/25/2020	<0.01
8/26/2020	<0.01
10/7/2020	<0.01
3/3/2021	<0.01
9/15/2021	<0.01
1/26/2022	<0.01
8/24/2022	<0.01
2/15/2023	<0.01
Mean	0.009471
Std. Dev.	0.002183
Upper Lim.	0.01
Lower Lim.	0.001

Constituent: Selenium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-19	PZ-23A	PZ-7D
8/31/2016	0.0012 (J)			0.0014 (J)	
9/1/2016		<0.005			<0.005
9/7/2016			<0.01		
12/7/2016	<0.005	<0.005		<0.01	<0.005
12/8/2016			<0.01		
3/21/2017	<0.005			<0.01	
3/22/2017		<0.005			<0.005
3/23/2017			<0.01		
7/11/2017	<0.005			<0.01	
7/12/2017		<0.005	<0.01		<0.005
10/18/2017	<0.005	<0.005		<0.01	
10/19/2017			<0.01		<0.005
2/20/2018	<0.005			<0.01	
2/21/2018		<0.005	<0.01		<0.005
7/11/2018	<0.005			<0.01	
7/12/2018		<0.005	<0.01		<0.005
9/12/2018	<0.005				
9/13/2018		<0.005		<0.01	<0.005
9/14/2018			0.0015 (J)		
9/10/2019				0.0018 (X)	
10/2/2019	0.0015 (X)	<0.005			
10/3/2019			0.0034 (X)		0.0017 (X)
3/25/2020	<0.005			0.003 (J)	
3/26/2020		<0.005	0.0016 (J)		<0.005
8/26/2020	<0.005	0.0018 (J)	0.0031 (J)	0.0026 (J)	0.0018 (J)
10/6/2020	<0.005			0.0027 (J)	
10/7/2020		<0.005	0.0035 (J)		<0.005
3/3/2021	<0.005		0.0033 (J)	0.0025 (J)	
3/4/2021		<0.005			0.0018 (J)
9/15/2021	<0.005	<0.005		0.0024 (J)	
9/16/2021			0.0033 (J)		<0.005
1/26/2022	<0.005	<0.005		0.0023 (J)	
1/27/2022			0.005		0.0018 (J)
8/25/2022	<0.005	<0.005	0.0019 (J)	0.0023 (J)	0.0017 (J)
2/14/2023	<0.005			0.0015 (J)	
2/15/2023		<0.005	0.0036 (J)		0.0017 (J)
Mean	0.004571	0.004812	0.005894	0.005441	0.003853
Std. Dev.	0.001213	0.0007761	0.003631	0.003951	0.001601
Upper Lim.	0.005	0.005	0.01	0.01	0.005
Lower Lim.	0.0015	0.0018	0.0031	0.0018	0.0018

Constituent: Thallium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-14	PZ-15	PZ-16	PZ-17	PZ-18	PZ-19
8/31/2016	<0.001					
9/1/2016		<0.001				
9/6/2016			<0.001			
9/7/2016				<0.001	<0.001	<0.001
12/7/2016	<0.001	<0.001	<0.001			
12/8/2016				<0.001	<0.001	0.0003 (J)
3/21/2017	6E-05 (J)					
3/22/2017		<0.001	0.0002 (J)	<0.001	4E-05 (J)	
3/23/2017						0.0003 (J)
7/11/2017	<0.001		0.0002 (J)			
7/12/2017		<0.001		<0.001	<0.001	0.0004 (J)
10/18/2017	<0.001	<0.001	0.0002 (J)	<0.001	5E-05 (J)	
10/19/2017						0.0005 (J)
2/20/2018	<0.001					
2/21/2018		<0.001	0.00018 (J)	<0.001	<0.001	0.00049 (J)
7/11/2018	<0.001					
7/12/2018		<0.001	<0.001			0.00077 (J)
8/15/2018					<0.001	
8/16/2018				<0.001		
9/12/2018	<0.001					
9/13/2018		<0.001	0.00017 (J)		<0.001	
9/14/2018				<0.001		0.00076 (J)
10/2/2019	<0.001	0.00016 (X)	5.3E-05 (X)	0.00016 (X)		
10/3/2019					<0.001	0.00071 (X)
3/25/2020	<0.001			0.0002 (J)		
3/26/2020		0.00014 (J)	<0.001		7.1E-05 (J)	0.00068 (J)
8/26/2020	<0.001	0.00027 (J)	<0.001	0.00025 (J)		0.00056 (J)
8/27/2020					<0.001	
10/6/2020	<0.001		<0.001			
10/7/2020		0.00022 (J)		0.00022 (J)	<0.001	0.0007 (J)
3/3/2021	<0.001	0.00000 (1)	0.004	0.00000 (1)	0.004	0.00072 (J)
3/4/2021	.0.004	0.00022 (J)	<0.001	0.00039 (J)	<0.001	
9/15/2021	<0.001	0.0002 (J)	<0.001	0.00004 (1)	-0.004	0.00000 (1)
9/16/2021	<0.001	-0.001	-0.001	0.00034 (J)	<0.001	0.00066 (J)
1/26/2022	<0.001	<0.001	<0.001	0.00038 (1)	<0.001	0.00063 (1)
1/27/2022 8/25/2022	<0.001	<0.001	<0.001	0.00038 (J)	<0.001	0.00063 (J)
		<0.001	<0.001	0.00037 (J)	<0.001	0.00053 (J)
2/14/2023 2/15/2023	<0.001	<0.001	<0.001		<0.001	0.00051 (J)
2/16/2023		~0.001	~0.001	0.00038 (J)	\0.001	0.00031 (3)
Mean	0.0009447	0.0007182	0.0007061	0.00038 (3)	0.000833	0.0005718
Std. Dev.	0.0009447	0.0007182	0.0007001	0.0003664	0.000833	0.0003718
Upper Lim.	0.001	0.000	0.000	0.001	0.0003713	0.0006651
Lower Lim.	6E-05	0.0002	0.0001	0.00025	7.1E-05	0.0004784
LOTTO: LIIII.	J_ 00	5.0002	3.00010	3.00020		0.0007707

Constituent: Thallium (mg/L) Analysis Run 3/24/2023 2:28 PM View: Confidence Interval Plant Mitchell Client: Southern Company Data: Mitchell Ash Pond CCR

	PZ-23A	PZ-25	PZ-33	PZ-7D
8/31/2016	<0.001			
9/1/2016				<0.001
9/8/2016		<0.001		
12/7/2016	0.0002 (J)			<0.001
12/8/2016		<0.001	<0.001	
3/21/2017	0.0003 (J)			
3/22/2017		<0.001		0.0002 (J)
3/23/2017			0.0001 (J)	
7/11/2017	0.0002 (J)	<0.001		
7/12/2017			0.0001 (J)	0.0001 (J)
10/18/2017	0.0001 (J)	<0.001		
10/19/2017			0.0001 (J)	0.0001 (J)
2/20/2018	0.00026 (J)			
2/21/2018		<0.001	<0.001	<0.001
7/11/2018	0.00018 (J)			
7/12/2018		<0.001	<0.001	<0.001
9/13/2018	<0.001	<0.001		<0.001
9/14/2018			<0.001	
10/4/2018			<0.001	
9/10/2019	<0.001			
10/2/2019		0.00024 (X)		
10/3/2019			0.00018 (X)	7.8E-05 (X)
3/25/2020	0.00015 (J)	0.00037 (J)		
3/26/2020			0.00015 (J)	8.5E-05 (J)
8/26/2020	0.00016 (J)	0.00037 (J)	<0.001	<0.001
10/6/2020	<0.001			
10/7/2020		0.00027 (J)	<0.001	<0.001
3/3/2021	0.00017 (J)	0.00036 (J)		
3/4/2021			<0.001	<0.001
9/15/2021	<0.001	0.00066 (J)		
9/16/2021			<0.001	<0.001
1/26/2022	<0.001	0.00039 (J)		
1/27/2022			<0.001	<0.001
8/24/2022		0.00048 (J)	<0.001	
8/25/2022	<0.001			<0.001
2/14/2023	<0.001			
2/15/2023		0.00045 (J)		<0.001
2/16/2023			<0.001	
Mean	0.0005718	0.0006818	0.0007429	0.000739
Std. Dev.	0.0004183	0.0003214	0.0004109	0.0004175
Upper Lim.	0.001	0.001	0.001	0.001
Lower Lim.	0.00017	0.00036	0.00015	0.0001

