



Prepared for
Crisp County Power Commission
202 S. 7th Street
Cordele, Georgia 31015

2025 ANNUAL GROUNDWATER MONITORING REPORT

**CRISP COUNTY POWER COMMISSION
PLANT CRISP FORMER SECONDARY ASH AREAS
Warwick, Georgia**

Prepared by

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January 2026

CERTIFICATION BY QUALIFIED PROFESSIONAL ENGINEER

I certify that this Groundwater Monitoring Report was prepared by me or under my direct supervision and meets the requirements of Section 40 C.F.R. §257 of the Federal Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule (40 CFR §257) and the Georgia EPD Solid Waste Management Rule for Coal Combustion Residuals (391-3-4-.10). The Groundwater Monitoring Report includes statistical methods and narrative description appropriate for evaluating the groundwater monitoring data for the CCR management area.

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01/28/2026

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CERTIFICATION BY QUALIFIED GROUNDWATER SCIENTIST

I certify that this Groundwater Monitoring Report meets the requirements of Section 40 C.F.R. §257 of the Federal Hazardous and Solid Waste Management System; Disposal of Coal Combustion Residuals from Electric Utilities; Final Rule (40 C.F.R. §257) and the Georgia EPD Solid Waste Management Rule for Coal Combustion Residuals (391-3-4-.10). The Groundwater Monitoring Report includes statistical methods and narrative description appropriate for evaluating the groundwater monitoring data for the CCR management area.

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LIST OF ACRONYMS AND ABBREVIATIONS

CCPC	Crisp County Power Commission
CCR	Coal Combustion Residual
C.F.R.	Code of Federal Regulations
cm/sec	Centimeters per Second
DNR	Department of Natural Resources
DO	Dissolved Oxygen
ft/day	Feet per Day
ft/ft	Feet Per Foot
ft/year	Feet per Year
GA EPD	Georgia Environmental Protection Division
GWPS	Groundwater Protection Standard
LSADS	Laboratory Services and Applied Science Division
MCL	Maximum Contaminant Level
mg/L	Milligram Per Liter
MW	Megawatt
NTU	Nephelometric Turbidity Units
ORP	Oxidation Reduction Potential
PE	Professional Engineer
PG	Professional Geologist
PL	Prediction Limit
QA/QC	Quality Assurance/Quality Control
SESD	Science and Ecosystem Support Division
SOP	Standard Operating Procedure
SSI	Statistically Significant Increase
SSL	Statistically Significant Level
SU	Standard Unit
TDS	Total Dissolved Solids
Unified Guidance	Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance
USEPA	United States Environmental Protection Agency
UTL	Upper Tolerance Limit

EXECUTIVE SUMMARY

Crisp County Power Commission (CCPC) has been monitoring the groundwater quality at Plant Crisp's two former coal ash disposal areas (referred in this document as former secondary ash areas) in accordance with the United States Environmental Protection Agency (USEPA) Coal Combustion Residuals (CCR) Rule [40 Code of Federal Regulations (C.F.R.) Part 257, Subpart D] and the Georgia Environmental Protection Division (GA EPD) Rule for CCR (391-3-4-.10). The timeline and status of the monitoring program and the relevant findings and conclusions derived for this reporting period (i.e., between January through December 2025) are summarized as follows.

- In compliance with 40 C.F.R. §257.94, a groundwater detection monitoring program was conducted between July 2022 and October 2023.
- In compliance with 40 C.F.R. §257.95(a), CCPC initiated an assessment monitoring program in February 2024. The secondary ash areas have been monitored under the assessment monitoring program in April 2025 and October 2025.
- Pursuant to 40 C.F.R. §257.95 and GA EPD Rule 391-3-4-.10(6), Statistically Significant Increases (SSIs) above background levels were identified for select Appendix III¹ constituents set forth below where concentrations of Appendix III constituents in the downgradient monitoring wells were statistically higher than the concentrations of background wells. No values exceeded regulatory levels or maximum contaminant levels. No Statistically Significant Levels (SSLs) above the Groundwater Protection Standards were identified for Appendix IV² constituents during the reporting period. A summary of SSIs of Appendix III and SSLs of Appendix IV parameters is provided in the table below³.

¹ Boron, calcium, chloride, fluoride, pH, sulfate, and total dissolved solids (TDS)

² Antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, selenium, thallium, and radium 226 + 228

³ Concentration of select detected constituents were below their laboratory reporting limit (i.e., values shown with "J" flag represent approximate concentrations) as shown in Tables 4 through 7.

Appendix III Parameters	April 2025	October 2025
<i>Calcium</i>	<i>MW-D4, MW-D7, MW-D8, MW-D9</i>	<i>MW-D7, MW-D8, MW-D9</i>
<i>Total Dissolved Solids (TDS)</i>	<i>MW-D7, MW-D8</i>	<i>MW-D7, MW-D8</i>
Appendix IV Parameters⁴	<i>No SSLs</i>	<i>No SSLs</i>

- CCR removal from the former secondary ash areas has been completed in 2023 and site restoration activities have been completed in July 2024. Because CCPC's CCR Handling Permit #159-007D(CCR) requires groundwater monitoring for no less than five years after removal of the CCR, CCPC has been implementing groundwater sampling semi-annually for Appendix III and Appendix IV constituents pursuant to the CCR Rule 40 C.F.R. §257.95(d)(1), 257.95(e), and GA EPD's CCR Rules, as applicable. However, because no GWPS exceedances were measured during the past 14 monitoring events, CCPC intends to consult with Georgia EPD about terminating groundwater monitoring at the former Secondary Ash Areas site.

⁴ A statistically significant level (SSL) is determined by comparing the confidence intervals developed for each constituent to their groundwater protection standard (GWPS). The GWPS is either the constituent's MCL, if available, or the USEPA Regional Screening Level (RSL), if no MCL is available. If the calculated background interwell tolerance limit is higher than the MCL or the RSL, the background concentration is used as GWPS (40 CFR §257.95(h)).

1.0 INTRODUCTION

1.1 Overview

Geosyntec Consultants (Geosyntec) of Kennesaw, Georgia, at the request of Crisp County Power Commission (CCPC), prepared this 2025 Annual Groundwater Monitoring Report for two former coal ash disposal areas (referred in this document as former secondary ash areas) located at CCPC's Plant Crisp (the Site). Plant Crisp is located in Warwick, Georgia, on the southern end of Lake Blackshear (**Figure 1**). The former secondary ash areas were discovered in the vicinity of the former ash pond at CCPC's Plant Crisp. CCPC installed a groundwater monitoring well network in May 2022 in compliance with the requirements of the 40 CFR §257.91 as well the Section 391-3-4-.10(6) of the Georgia Environmental Protection Division (GA EPD) CCR Rule.

A groundwater detection monitoring program was performed between July 2022 and October 2023 in compliance with the requirements of the 40 CFR §257.94. The first Annual Groundwater Monitoring Report summarizing the results of detection groundwater monitoring activities was prepared in January 2024 [Geosyntec, 2024a]. Based on the detection monitoring results and in compliance with 40 C.F.R. §257.95(a), CCPC initiated an assessment monitoring program for the secondary ash areas in February 2024. The assessment monitoring continued in 2025 by performing two semi-annual monitoring events in April 2025 and October 2025. The April 2025 assessment monitoring events were performed for constituents listed in Appendix III to part §257 (referred herein as Appendix III constituents) and Appendix IV to part §257 (referred herein as Appendix IV constituents) (40 C.F.R. §257.95(b)). The October 2025 semi-annual assessment monitoring event was performed for all parameters in Appendix III to part §257 and for those constituents in Appendix IV that were detected during the April 2025 monitoring (40 C.F.R. §257.95(d)(1)). The groundwater monitoring and statistical analyses were performed consistent with the Groundwater Monitoring and Statistical Analysis Plan prepared for the secondary ash areas in February 2024 [Geosyntec, 2024b].

The purpose of this report is to present a summary of the April 2025 and October 2025 groundwater assessment monitoring activities and associated laboratory and statistical analysis results. This report has been prepared to meet annual reporting requirements of

40 C.F.R. §257.90(e) and the semi-annual reporting requirements of GA EPD CCR Rule 391-3-4-.10(6) (c)⁵.

In summary, Appendix IV constituents were detected in groundwater samples during both April 2025 and October 2025 monitoring events. The detected concentrations were below their respective United States Environmental Protection Agency's (USEPA's) maximum contaminant levels (MCLs) (Appendix I to 40 C.F.R. §257)⁶ or groundwater protection standard (GWPS), if an MCL is not available for the constituent.

1.1 Site History

Plant Crisp is a dual-fuel (coal and natural gas) electrical generation facility, with a 12.5-megawatt (MW) capacity coal-fired unit and 5 MW capacity natural gas combustion turbine. The byproducts of power generation from the combustion of coal (commonly referred to as CCR) at Plant Crisp included mainly fly ash and bottom ash. The CCR was disposed into a 6.5-acre former ash pond located within the plant property. The coal burning and resulting sluicing operation was completed in March 2017. To comply with both the United States Environmental Protection Agency's (USEPA's) 40 C.F.R. 257 and Georgia Environmental Protection Division's (GA EPD's) Solid Waste Management, Chapter 391-3-4-.10, CCPC has closed the former ash pond by removal and disposal of the CCR at the Crisp County Sanitary Landfill. During the decommissioning of the former ash pond, two former secondary ash areas were discovered. Former Secondary Ash Area 1 and Former Secondary Ash Area 2 cover approximately 0.8 and 3.4 acres, respectively. The former secondary ash areas are located on undeveloped land that are either naturally forested or landscaped grass fields (**Figure 1**).

In February 2022, CCPC submitted notification of closure of the former secondary ash areas by removal in accordance with 40 C.F.R. §257. Closure Construction certification reports from third-party Professional Engineer have been completed and reviewed by GA EPD in 2024 and 2025, respectively. In addition, on 24 January 2025, GA EPD completed their review of a Major Modification application to the Solid Waste Handling Permit 159-

⁵ The semi-annual groundwater monitoring report is a state requirement under DNR Rule 391-3-4.10(6)(c): The owner or operator of a CCR unit must submit a semi-annual report to the Division to coincide with the semi-annual sampling event. A qualified groundwater scientist must certify the report

⁶ MCLs are the maximum contaminant levels for potable drinking water which are established setting a lifetime consumption risk or acute level and would be applied to municipal or other drinking water sources (40 CFR § 141.62 and 40 CFR § 141.66).

007D (CCR) and issued approval. Final site restoration activities were completed in July 2024.

1.3 Geologic and Hydrogeologic Setting

CCPC is located in the Coastal Plain Physiographic Province of Georgia, which is generally characterized by gently rolling to nearly flat topography. The Coastal Plain Physiographic Province of Georgia is characterized by Late Cretaceous and Cenozoic sedimentary rocks and sediments. Based on the Geologic Map of Georgia [Georgia Department of Natural Resources, 1997], the Site is underlain by Quaternary-aged stream alluvium and undifferentiated terrace deposits underlain by residual soil derived by the weathering of Eocene-aged limestone. Beneath the residuum is Eocene-aged limestone (the Ocala Limestone) that dips gently to the southeast and generally thicken in that direction [Hicks et al, 1987]. The Ocala Limestone comprises part of the Upper Floridan aquifer, which is underlain by low permeability zones within the Lisbon Formation (argillaceous limestone). Subsurface investigations at the Site generally describe the surface geology as embankment fill, alluvium, residuum and limestone bedrock [ND&T, 1994, Rizzo, 2015, Geosyntec, 2019].

The uppermost aquifer at the Site is the unconfined groundwater aquifer that occurs in the alluvium and some upper portions of the residuum. The alluvial sediments consist of alternating layers of clay, silty sand, silty clayey sand, and some gravel (SM, SM-SC). While most of the of the residuum consists of clays and calcareous clay (marl) with limestone fragments, there may be sandy clay and gravelly clay lenses that could act along with the overlying alluvium as part of the uppermost aquifer. Based on field observations (increasing clay content with depth in the residuum and increasing blow counts with depth), the hydraulic conductivity of the residuum is expected to decline with depth. As such, the lower part of the residuum is likely a confining unit and represents the lower boundary of the uppermost aquifer. Recharge to the uppermost aquifer is from infiltration of precipitation.

In March 2019, Geosyntec performed slug testing in four monitoring wells to estimate horizontal hydraulic conductivity (K_h) of the uppermost aquifer. Based on the slug testing results, the geometric mean of the K_h in the uppermost aquifer was estimated as 1.44×10^{-4} centimeters per second (cm/sec) [0.41 feet per day (ft/day)]. This value is similar to the K_h estimated for the alluvium and residuum during previous investigations.

Under natural conditions, the water table surface is a subdued reflection of the topography, with groundwater generally flowing from southeast to northwest from the higher elevations to lower elevations toward the Flint River. The movement of groundwater in the uppermost aquifer can be characterized as porous media flow.

1.4 Groundwater Monitoring Well Network

In accordance with 40 C.F.R. §257.91, a groundwater monitoring system was installed that (1) consists of a sufficient number of wells; (2) is installed at appropriate locations and depths to yield groundwater samples from the uppermost aquifer; and (3) represents the groundwater quality both upgradient of the units (i.e., background conditions) and passing the waste boundary of the units. The number, spacing, and depths of the groundwater monitoring wells were selected based on the characterization of site-specific hydrogeologic conditions. The well network was certified by a professional engineer (PE) on August 12, 2022 [Geosyntec, 2022]; the certification is maintained in the facility's Operating Record. Well construction diagrams of the monitoring wells were included in the Groundwater Monitoring and Statistical Analysis Plan [Geosyntec, 2024b].

The groundwater monitoring well network for the former secondary ash areas was designed and constructed to meet the requirements of the groundwater monitoring system 40 CFR §257.91 and includes two upgradient monitoring wells (MW-U1⁷ and MW-U2) and six downgradient monitoring wells (MW-D4 through MW-D9). Monitoring wells MW-D4, MW-D5, and MW-D6 were installed immediately downgradient of Former Secondary Ash Area 2 (**Figure 1**). Monitoring wells MW-D7, MW-D8, and MW-D9 were installed immediately downgradient of the Former Secondary Ash Area 1 (**Figure 1**). The monitoring wells are screened in the uppermost aquifer underlying the former secondary ash areas, which is in the alluvium and upper portion of the residuum. Well construction details are provided in **Table 1**.

CCPC does not currently plan to expand the certified monitoring well network for the secondary ash areas. During the monitoring period: (i) all wells were functioning properly; (ii) there were no dry wells; and (iii) no additional well installation or abandonment was conducted. Therefore, no corrective action was needed for any of the eight monitoring wells.

⁷ Monitoring well MW-U1 was installed for background monitoring for the ash pond. The well is also used as background well for the secondary ash areas.

2.0 GROUNDWATER SAMPLING AND LABORATORY ANALYSIS

2.1 Groundwater Sampling and Laboratory Analysis

Groundwater assessment monitoring events for this reporting period were conducted in April 2025 and October 2025. The groundwater samples were collected in accordance with the USEPA Laboratory Services & Applied Science Division (LSASD) Operating Procedure (LSASDPROC-301-R6) [USEPA, Athens, Georgia, 2023].

Prior to sampling, depth to groundwater and total well depth were measured for each monitoring well using an electrical water level indicator. The water level indicator was cleaned between wells following the decontamination procedure listed under SESDPROC-205-R3 [USEPA, Athens, Georgia, 2015]. Depth to groundwater data and groundwater elevations from the April 2025 and October 2025 monitoring are summarized in **Table 2**⁸. The groundwater elevation data were used to prepare the April 2025 and October 2025 potentiometric surface maps. These maps are provided as **Figure 2** and **Figure 3**, respectively. Based on the April and October 2025 potentiometric surface maps, groundwater flow direction is from southeast towards northwest with a hydraulic gradient of approximately 0.012 feet per foot (ft/ft) and 0.013 ft/ft, respectively (**Table 3**). The average horizontal groundwater flow velocity was calculated using Darcy's equation as approximately 9 feet per year (ft/year) (**Table 3**).

Groundwater sampling was performed using a low-flow sampling method. To assess that the samples collected were representative of the groundwater in the aquifer, field water quality parameters were measured during purging using a Horiba U-52 water quality meter. These parameters include temperature, pH, conductivity, oxidation-reduction potential (ORP), and dissolved oxygen (DO). Measurements were taken within an enclosed flow-through cell to minimize effects of contact with air. Turbidity was measured using LaMotte 2020we turbidity meter. Purging was considered complete when the following stabilization criteria were met for at least three consecutive measurements (as defined by USEPA LSASD operating Procedure ID. LSASDPROC-301-R6):

- pH $\pm$ 0.1 Standard Units (SU);

⁸ In addition to the secondary ash areas monitoring wells (i.e., MW-D4 through MW-D9, MW-U1, and MW-U2), depth to groundwater level measurements and the calculated groundwater elevations in monitoring wells installed for ash pond monitoring (i.e., MW-D1, MW-D2, and MW-D3) are presented in Table 2. Groundwater elevation data from the ash pond monitoring wells, the secondary ash areas monitoring wells, and water level data from Lake Blackshear are used to make the potentiometric surface map.

- Conductivity $\pm 5\%$;
- Turbidity measured less than 10 nephelometric turbidity units (NTU);
- Other parameters used are dissolved oxygen ± 0.2 milligrams per liter (mg/L) or $\pm 10\%$ change in saturation, whichever is greater and ORP (reasonable ORP stability goal is ± 20 mV).

Field groundwater sampling forms are provided in **Appendix A**.

The groundwater samples were collected in laboratory-provided containers. Following sampling, the bottles were sealed, labeled, packed in ice, and shipped under chain-of-custody protocol to Eurofins Environment Testing in Pensacola, FL, a certified laboratory pursuant to the Georgia State Program. The chain-of-custody procedures were conducted in accordance with SESDPROC-005-R2 [USEPA, Athens, Georgia 2013]. The April 2025 groundwater samples were analyzed for Appendix III constituents (i.e., boron, calcium, chloride, fluoride, sulfate, total dissolved solids) and Appendix IV constituents (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, fluoride, lead, lithium, mercury, molybdenum, radium 226 and 228 combined, selenium, and thallium). The metal constituents were analyzed as total recoverable as the samples were not field-filtered. The October 2025 groundwater samples were analyzed for Appendix III constituents and the Appendix IV constituents that were detected during the April 2025 monitoring event (i.e., barium, chromium, cobalt, fluoride, lead, lithium, and radium 226 and 228 combined). Groundwater pH, also an Appendix III constituent, was measured in the field using a Horiba water quality meter.

Field duplicate samples (DUP-13 from MW-D6 in April 2025 and DUP-14 from MW-D7 in October 2025) were collected for quality assurance/quality control (QA/QC). The duplicate samples were collected in laboratory-provided bottles and shipped under the same chain-of-custody as the primary samples for analysis of the same parameters by Eurofins Environment Testing. Results from the duplicate samples were presented in **Tables 4** and **Table 5**. Field sampling quality control samples (field blank and equipment blank) were collected during both April 2025 and October 2025 monitoring events.

2.2 April 2025 Groundwater Monitoring Results

Laboratory analytical results for Appendix III constituents from the April 2025 monitoring event are summarized in **Table 4**. Appendix III constituents were detected in the upgradient and downgradient monitoring well locations.

Laboratory analytical results for Appendix IV constituents are summarized in **Table 4**. Low levels of Appendix IV constituents (barium, chromium, cobalt, fluoride, lead, lithium, and radium 226 and 228 combined) were detected in the downgradient monitoring wells with detected chromium, cobalt, and fluoride concentrations being approximate (i.e., shown with “J” flag). Similarly, low levels of barium, chromium, fluoride, and lithium were detected in the background/upgradient monitoring wells MW-U1 and/or MW-U2. **Table 4** shows that the detected concentrations of Appendix IV constituents are below their respective USEPA’s MCLs or groundwater protection standards (GWPS). Low level Appendix IV constituents detected during the April 2025 monitoring event can be naturally occurring as some of these constituents were also detected at low concentrations in the background wells. Laboratory reports are included in **Appendix B**.

2.3 October 2025 Groundwater Monitoring Results

Laboratory analytical results of Appendix III constituents from the October 2025 groundwater assessment monitoring event are summarized in **Table 5**. Appendix III constituents were detected in the downgradient and upgradient monitoring well locations.

Laboratory analytical results of Appendix IV constituents from the October 2025 groundwater assessment monitoring event are summarized in **Table 5**. Low levels of Appendix IV constituents (barium, chromium, cobalt, and fluoride) were detected in the downgradient monitoring wells but below groundwater protection standard or MCL levels; with most detections of chromium, cobalt and fluoride concentrations being approximate (i.e., shown with “J” flag). Similarly, low levels of barium, chromium, and fluoride were detected in the background/upgradient monitoring wells MW-U1 and/or MW-U2. **Table 5** shows that the detected concentrations of Appendix IV constituents are below their respective USEPA’s MCLs or GWPS. Low level Appendix IV constituents detected during the October 2025 monitoring event can be naturally occurring as some of these constituents were also detected at low concentrations in the background well. The October 2025 laboratory reports are provided in **Appendix B**. Results of the field

sampling quality control samples (field blank and equipment blank) are also provided in **Appendix B**.

The April and October 2025 assessment monitoring results were statistically evaluated in accordance with 40 C.F.R. §257.93(g). The statistical analysis results are discussed in Section 3.

3.0 STATISTICAL DATA ANALYSIS PROCEDURES

Statistical analysis of the groundwater data collected during the assessment monitoring event was performed in accordance with the methods listed in the Groundwater Monitoring and Statistical Analysis Plan (Geosyntec, 2024b). The statistical methods meet the requirements of the methods specified in 40 C.F.R. §257.93(f) (1) through (5) and the performance standards specified in 40 C.F.R. §257.93(g). Statistical analysis was performed using Sanitas™ v.9.6.05 software for Appendix III and Appendix IV constituents. Sanitas™ is a decision-support software package, that incorporates the statistical tests required of Subtitle C and D facilities by USEPA regulations and guidance as recommended in the USEPA document Statistical Analysis of Groundwater Data at RCRA Facilities Unified Guidance (Unified Guidance) (USEPA, 2009).

The primary objectives of the statistical data analysis conducted during this reporting period are:

- (i) To assess if Appendix III constituents have returned to background levels.
- (ii) To calculate statistically derived background concentration for each Appendix IV constituent: The statistically derived background concentration is used as GWPS when the statistically derived background concentration is higher than the MCL (if an MCL has been established under 40 C.F.R. §161.62 and §141.66) or the standard listed under 40 C.F.R. §257.95 (h)(2) for those constituents without an established MCL.
- (iii) To construct a lower confidence interval for each Appendix IV constituent at each downgradient well and compare the lower confidence interval to an established GWPS and determine whether a statistically significant level (SSL) is present at any of the downgradient monitoring wells.

Detailed statistical methods used for Appendix III and Appendix IV constituents are discussed in Sections 3.1 and 3.2.

3.1 Appendix III Statistical Methods

Based on guidance from GA EPD, statistical tests used to evaluate the groundwater monitoring data consist of interwell prediction limits (PLs). Interwell PLs pool upgradient well data to establish a background limit for an individual constituent, and the

most recent sample from each downgradient well is compared to the background limit to assess whether there are significant statistical increases (SSIs). An "initial exceedance" occurs when an Appendix III constituent reported in the groundwater of a downgradient compliance monitoring well exceeds the constituent's associated PL.

3.2 Appendix IV Statistical Methods

As a first step in developing the GWPS, groundwater data from the background well were screened for potential outlier (anomalous) data. In addition to visual inspection using time-series plots, statistical methods, such as the USEPA 1989 Outlier Screening method, were used to identify outliers in the groundwater data (when the data was normally distributed). Tukey's Outlier Screening method was used when background well data was not normally distributed. Although outliers were detected, they were not removed from the statistical analysis due to: (i) a large number of non-detects (also referred as censored data in the USEPA Unified Guidance) in the data set; and (ii) the USEPA Unified Guidance recommendation on screening data only if the source of the outlier is known. Data distribution was checked using Shapiro Wilk method at 99% confidence level. This method is appropriate for a sample size of less than 50. For statistical data analysis, non-detect laboratory results were replaced with their reporting limit in accordance with the USEPA Unified Guidance recommendation [USEPA, 2009].

The USEPA Unified Guidance recommends utilizing upper tolerance limits (UTL) from the background well to establish background concentrations. In addition, the CCR Rule lists the UTL method, calculated using data from the background well, as one of the methods acceptable for CCR data analysis [40 C.F.R. §257.93(f)(3)]. As a result, the GWPSs for the site were developed utilizing the UTL method and generally consisted of the following procedures:

- Parametric tolerance limits (95% coverage and 95% confidence) were constructed when the background data followed a normal or transformed-normal distribution.
- Non-parametric tolerance limits were calculated for data sets with greater than 50% non-detect values, and for data sets which do not follow a normal or transformed-normal distribution.
- The UTL was calculated for each constituent using background well data collected during the eight detection monitoring events and the assessment

monitoring events conducted to date. As described in 40 C.F.R. §257.95(h), which was adopted into the GA EPD Rules for Solid Waste Management 391-3-4-.10 on February 22, 2022, the GWPS is:

- (1) the maximum contaminant level (MCL) established under 40 C.F.R. §141.62 and §141.66.
- (2) where an MCL has not been established:
 - (i) Cobalt 0.006 mg/L;
 - (ii) Lead 0.015 mg/L;
 - (iii) Lithium 0.040 mg/L; and
 - (iv) Molybdenum 0.100 mg/L.
- (3) the UTL computed from background well data for constituents where the UTL is higher than the MCL or rule-specified GWPS.

3.3 Evaluation of SSLs for Appendix IV Constituents

The USEPA Unified Guidance [USEPA, 2009] recommends utilizing the lower confidence interval from a downgradient well along with the double quantification rule to evaluate SSLs. A 99% lower confidence interval was constructed for each constituent at each downgradient well and the double quantification rule was used to evaluate SSLs. Under this rule, an SSL can be concluded if the lower confidence limit is higher than the GWPS.

4.0 STATISTICAL ANALYSIS RESULTS

Appendix III statistical analyses results identified SSIs for the following constituents: calcium and TDS during the April 2025 and October 2025 monitoring events. The PL for each constituent and the list of wells with SSIs are summarized in **Table 6**. Because Appendix III statistical analyses results indicated that groundwater conditions have not returned to background levels, assessment monitoring should continue pursuant to 40 C.F.R. §257.95(d)(1) and GA EPD CCR Rule.

The statistical analysis results for Appendix IV constituents are summarized in **Table 7**, which shows the (i) ratio of non-detects to total number of samples; (ii) basic statistics for each constituent in a monitoring well such as minimum and maximum; (iii) UTL of each constituent constructed based on the background well data; (iv) an MCL value for the constituent (if available) established under 40 C.F.R. §161.62 and 40 C.F.R. §141.66 or the standard listed under 40 C.F.R. §257.95(h)(2); and (v) the selected GWPS for each constituent.

Table 8 shows the lower confidence limit constructed for each Appendix IV constituent at each downgradient well and the results of comparison between the lower confidence limit and the selected GWPS to evaluate if there are any SSLs. Comparison of the lower confidence limit to the selected GWPS revealed no SSLs during the 2025 reporting period. The Sanitas[™] statistical calculations and time-series graphs for each constituent are provided in **Appendix C**.

In summary, Appendix IV constituents continue to remain statistically below the GWPS since monitoring began in 2022 (i.e., for 14 monitoring events). CCPC has closed the former secondary ash areas by removal that was completed in 2023. In the July 2025 semi-annual report, CCPC stated that they plan to conduct one final round of assessment monitoring at the former secondary ash areas in October 2025. The report also stated that if the October 2025 monitoring results remain below the GWPS, CCPC intends to consult with Georgia EPD about terminating groundwater monitoring at the Secondary Ash Areas.

5.0 FUTURE GROUNDWATER MONITORING PROGRAM

Data collected during the assessment monitoring events indicated that Appendix IV constituents detected in the downgradient monitoring wells were below their respective GWPS. Because CCPC's CCR Handling Permit #159-007D(CCR) requires groundwater monitoring for no less than five years after removal of the CCR, CCPC has been implementing groundwater sampling semi-annually for Appendix III and Appendix IV constituents pursuant to the CCR Rule 40 C.F.R. §257.95(d)(1), 257.95(e), and GA EPD's CCR Rules, as applicable. However, because no GWPS exceedances were measured during the past 14 monitoring events, CCPC intends to consult with Georgia EPD about terminating groundwater monitoring at the former Secondary Ash Areas site.

6.0 REFERENCES

- Geologic Map of Georgia, (1976, Reprinted in 1997), Georgia Department of Natural Resources, Geologic and Water Resources Division, Georgia Geologic Survey.
- Geosyntec Consultants. (2019). Supplemental Hydrogeologic Assessment Report for Plant Crisp Former ash pond Revision 1, Crisp County Power Commission. December 2019.
- Geosyntec Consultants. (2022). 40 CFR Part 257, Subpart D, Section 257.91(f) Groundwater Monitoring System Certification. Crisp County Power Commission, Plant Crisp Secondary Ash Area 1 and Secondary Ash Area 2. August 2022.
- Geosyntec Consultants. (2024a). Groundwater Monitoring Report. Crisp County Power Commission, Plant Crisp Former Secondary Ash Areas. January 2024.
- Geosyntec Consultants. (2024b). Groundwater Monitoring and Statistical Analysis Plan. Crisp County Power Commission, Plant Crisp Former Secondary Ash Areas. October 2024.
- Hicks, D.W., Gill, H.E., and Longworth S.A. (1987). Hydrogeology, Chemical Quality, and Availability of Ground Water in the Upper Floridan Aquifer, Albany Area, Georgia (USGS).
- ND&T, Inc. (1994). Report of Geotechnical Investigation, Lake Blackshear Dam Repairs, November 1994.
- Rizzo Associates. (2015). “Dam Safety Assessment Report Plant Crisp Coal Combustion Waste Impoundment.” Submitted to Crisp County Power Commission, 14-5232, Rev. 0, January 2015.
- USEPA (2009). Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities, Unified Guidance. Office of Resource Conservation and Recovery – Program Implementation and Information Division. March 2009.
- USEPA (2013). Groundwater Sampling Operating Procedure. Science and Ecosystem Support Division (SESD, Athens, Georgia) (SESDPROC-301-R3).

USEPA (2015). Science and Ecosystem Support Division (SESD, Athens, Georgia) Field Equipment Cleaning and Decontamination (SESDPROC-205-R3).

USEPA (2023). Laboratory Services & Applied Science Division (LSASD, Athens, Georgia) Operating Procedure (LSASDPROC-301-R6).

TABLES

Table 1. Monitoring Well Network Summary
Crisp County Power Commission
Plant Crisp Secondary Ash Areas

Well ID	Installation Date	Well Location	Northing ⁽¹⁾	Easting ⁽¹⁾	Ground Surface Elevation ⁽²⁾ (ft)	Top of Casing Elevation ⁽²⁾ (ft)	Total Well Depth (ft bgs)	Screen Depth Interval (ft bgs)	Screen Interval Elevation ⁽²⁾ (ft)	Screen Interval Lithologic Information
MW-D4	5/12/2022	Downgradient	669875.01	2365444.95	244.22	246.51	27.25	17.00-27.00	227.22-217.22	Residual Soil
MW-D5	5/16/2022	Downgradient	670216.49	2365178.72	238.31	241.16	33.00	22.75-32.75	215.56-205.56	Residual Soil
MW-D6	5/13/2022	Downgradient	670393.04	2365406.13	249.85	252.63	34.25	24.00-34.00	225.85-215.85	Residual Soil
MW-D7	5/13/2022	Downgradient	671054.07	2365037.89	227.21	230.18	24.40	14.15-24.15	213.06-203.06	Residual Soil
MW-D8	5/13/2022	Downgradient	671186.85	2364861.25	223.90	226.76	25.00	14.75-24.75	209.15-199.15	Residual Soil
MW-D9	5/14/2022	Downgradient	671482.27	2364959.09	218.99	221.42	24.80	14.55-24.55	204.44-194.44	Residual Soil
MW-U1	2/23/2017	Upgradient	669996.79	2366420.55	246.28	249.52	33.75	23.50-33.50	222.78-212.78	Alluvium and Residual Soil
MW-U2	5/12/2022	Upgradient	669748.63	2366247.88	245.69	248.79	27.75	17.50-27.50	228.19-218.19	Residual Soil

Notes:

ft = feet

bgs = below ground surface

The easting, northing, and top of casing elevations were obtained from a revised survey performed by J.B. Faircloth & Associates, P.C. on 19 November 2019 and 2 May 2022.

⁽¹⁾: The easting and northing coordinates in North American Datum (NAD) 1983, State Plane, Georgia-West, feet.

⁽²⁾: Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

**Table 2. Groundwater Elevation Summary
Crisp County Power Commission
Plant Crisp Secondary Ash Areas**

Well ID	CCR Unit being Monitored	TOC Elevation (ft MSL) ⁽¹⁾	Date: 4/29/2025		Date: 10/22/2025	
			Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)	Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
MW-D1	Ash Pond	241.77	15.62	226.15	16.45	225.32
MW-D2	Ash Pond	232.66	12.69	219.97	14.82	217.84
MW-D3	Ash Pond	233.78	6.98	226.80	8.21	225.57
MW-U1	Ash Pond	249.52	12.06	237.46	15.06	234.46
MW-D4	Secondary Ash Areas	246.51	10.92	235.59	13.28	233.23
MW-D5	Secondary Ash Areas	241.16	8.53	232.63	10.38	230.78
MW-D6	Secondary Ash Areas	252.63	22.05	230.58	24.35	228.28
MW-D7	Secondary Ash Areas	230.18	7.35	222.83	8.55	221.63
MW-D8	Secondary Ash Areas	226.76	7.65	219.11	9.13	217.63
MW-D9	Secondary Ash Areas	221.42	7.01	214.41	11.25	210.17
MW-U2	Secondary Ash Areas	248.79	11.56	237.23	14.54	234.25
Lake Blackshear ⁽²⁾	--	--	--	236.91	--	237.03

Notes:

ft = feet

TOC = Top of casing

MSL = Mean sea level

BTOC = Below top of casing

-- : Not Applicable

⁽¹⁾: Elevations referenced to the North American Vertical Datum of 1988 (NAVD88).

⁽²⁾: Surface water at 12 pm on 4/29/2025 and 10/22/2025.

Table 3. Hydraulic Gradient and Groundwater Flow Velocity Calculations
Crisp County Power Commission
Plant Crisp Secondary Ash Areas

Location	Hydraulic Gradient (4/29/2025)				Groundwater Flow Velocity (4/29/2025)		
	h ₁ (ft)	h ₂ (ft)	Δl (ft)	Δh/Δl (ft/ft)	K _h (ft/day)	η _e	V (ft/year) ¹
Between MW-U1 (h ₁) and MW-D9 (h ₂)	237.46	214.41	2,075	0.011	0.41	0.20	8.3
Between MW-D4 (h ₁) and MW-D9 (h ₂)	235.59	214.41	1,690	0.013	0.41	0.20	9.4
Between Lake Blackshear (h ₁) and MW-D3 (h ₂)	236.91	226.80	905	0.011	0.41	0.20	8.4
Average	0.012				8.669		

Location	Hydraulic Gradient (10/22/2025)				Groundwater Flow Velocity (10/22/2025)		
	h ₁ (ft)	h ₂ (ft)	Δl (ft)	Δh/Δl (ft/ft)	K _h (ft/day)	η _e	V (ft/year) ¹
Between MW-U1 (h ₁) and MW-D9 (h ₂)	234.46	210.17	2,075	0.012	0.41	0.20	8.8
Between MW-D4 (h ₁) and MW-D9 (h ₂)	233.23	210.17	1,690	0.014	0.41	0.20	10.2
Between Lake Blackshear (h ₁) and MW-D3 (h ₂)	237.03	225.57	905	0.013	0.41	0.20	9.5
Average	0.013				9.463		

Notes:

ft = feet

ft/day = feet per day

ft/ft = feet per foot

ft/year = feet per year

h₁ and h₂ = groundwater elevation for upgradient and downgradient location, respectively.

Δh/Δl = hydraulic gradient

K_h = hydraulic conductivity geometric mean of 0.41 ft/day estimated using slug testing in monitoring wells.

Δl = distance between upgradient and downgradient locations.

η_e = effective porosity (estimated based on fine-grained sand aquifer) (Kresic, 2007)

V = groundwater flow velocity

⁽¹⁾ Groundwater flow velocity equation: $V = [K_h * (\Delta h / \Delta l)] / \eta_e$

Table 4. Analytical Data Summary – Sampling Performed on 29-30 April 2025
Crisp County Power Commission
Plant Crisp Secondary Ash Areas

Appendix III to 40 C.F.R. Part 257 - Constituents for Detection Monitoring

Constituent	Unit	MCL ⁽¹⁾	CCR-Rule Specified ⁽⁴⁾	MDL ⁽²⁾	Upgradient Well ID		Downgradient Well ID						
					MW-U1	MW-U2	MW-D4	MW-D5	MW-D6		MW-D7	MW-D8	MW-D9
									MW-D6	DUP-13			
Boron	mg/L	N/A	N/A	0.022	ND	ND	ND	ND	ND	ND	0.049 J	0.056	ND
Calcium	mg/L	N/A	N/A	0.14	38	13	42	38	35	33	70	75	54
Chloride	mg/L	N/A	N/A	1.4	1.6 J	1.4 J	2.2	7.7	4.7	4.6	4.0	6.5	2.1
Fluoride	mg/L	4	N/A	0.022	0.060 J	0.038 J	0.11	0.028 J	0.092 J	0.095 J	0.070 J	0.053 J	0.076 J
Sulfate	mg/L	N/A	N/A	1.4	ND	19	ND	15	14	1.7 J	ND	28	2.0 J
pH ⁽³⁾	SU	N/A	N/A	--	7.89	7.17	7.58	6.85	7.93	7.93	7.42	7.38	7.58
Total Dissolved Solids	mg/L	N/A	N/A	5.0	110	66	130	140	130	120	200	220	170

Appendix IV to 40 C.F.R. Part 257 - Constituents for Assessment Monitoring

Constituent	Unit	MCL ⁽¹⁾	CCR-Rule Specified ⁽⁴⁾	MDL ⁽²⁾	Upgradient Well ID		Downgradient Well ID						
					MW-U1	MW-U2	MW-D4	MW-D5	MW-D6		MW-D7	MW-D8	MW-D9
									MW-D6	DUP-13			
Antimony	mg/L	0.006	N/A	0.00034	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/L	0.01	N/A	0.00086	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	mg/L	2	N/A	0.00089	0.002 J	0.011	0.014	0.030	0.0081	0.0078	0.063	0.048	0.038
Beryllium	mg/L	0.004	N/A	0.0002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	mg/L	0.005	N/A	0.000078	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chromium	mg/L	0.1 ⁽⁵⁾	N/A	0.0012	0.0013 J	ND	0.0012 J	ND	0.0018 J	0.0018 J	ND	ND	ND
Cobalt	mg/L	N/A	0.006	0.00022	ND	ND	ND	ND	ND	ND	ND	ND	0.00023 J
Fluoride	mg/L	4	N/A	0.022	0.060 J	0.038 J	0.11	0.028 J	0.092 J	0.095 J	0.070 J	0.053 J	0.076 J
Lead	mg/L	0.015 ⁽⁶⁾	N/A	0.00021	ND	ND	ND	ND	ND	ND	ND	ND	0.00024 J
Lithium	mg/L	N/A	0.04	0.002	ND	0.0021 J	0.0020 J	ND	0.0051	0.0022 J	ND	ND	0.0039
Mercury	mg/L	0.002 ⁽⁷⁾	N/A	0.00008	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molybdenum	mg/L	N/A	0.1	0.00086	ND	ND	ND	ND	ND	ND	ND	ND	ND
Radium 226 and 228 Combined	pCi/L	5	N/A	-- ⁽⁸⁾	0.710 U	0.222 U	0.305 U	-0.184 U	0.100 U	0.943	0.428 U	-0.0413 U	0.367 U
Selenium	mg/L	0.05	N/A	0.00099	ND	ND	ND	ND	ND	ND	ND	ND	ND
Thallium	mg/L	0.002	N/A	0.00026	ND	ND	ND	ND	ND	ND	ND	ND	ND

Notes:

MCL = Maximum Contaminant Level

MDL = Method Detection Limit

mg/L = milligrams per liter.

S.U. = Standard Unit.

pCi/L = picocuries per liter.

ND = the constituent was not detected above the analytical MDL.

N/A = not applicable for the constituent.

DUP-13 is a duplicate sample collected from MW-D6.

J = concentration is less than the reporting level but greater than or equal to the MDL and the reported concentration is an approximate value.

U = Result is less than the sample detection limit.

⁽¹⁾: MCLs indicate USEPA maximum contaminant levels. MCLs are established under 40 CFR §141.62 and 40 CFR §141.66.

⁽²⁾: MDL indicates minimum detection limit, which is the minimum concentration of analyte that can be measured and reported.

⁽³⁾: The pH value was recorded at the time of sample collection in the field.

⁽⁴⁾: On February 22, 2022, the Georgia Environmental Protection Division (GA EPD) adopted the federally promulgated Groundwater Protection Standard (GWPS) for cobalt, lithium, lead, and molybdenum.

⁽⁵⁾: MCL value for total chromium.

⁽⁶⁾: Lead Treatment Technology Action Level is 0.015 mg/L.

⁽⁷⁾: Value for inorganic mercury.

⁽⁸⁾: During the analysis of radium, background concentrations are subtracted, thus each sample have a different Minimum Detectable Concentration (MDC). The MDCs were as follows: 0.763 pCi/L for MW-U1, 0.605 pCi/L for MW-U2, 0.890 pCi/L for MW-D4, 0.560 pCi/L for MW-D5, 0.729 pCi/L for MW-D6, 0.760 pCi/L for MW-D7, 0.636 pCi/L for MW-D8, 0.544 pCi/L for MW-D9, and 0.845 pCi/L for DUP-13.

Table 5. Analytical Data Summary – Sampling Performed on 22-23 October 2025
Crisp County Power Commission
Plant Crisp Secondary Ash Areas

Appendix III to 40 C.F.R. Part 257 - Constituents for Detection Monitoring

Constituent	Unit	MCL ⁽¹⁾	CCR-Rule Specified ⁽⁴⁾	MDL ⁽²⁾	Upgradient Well ID		Downgradient Well ID						
					MW-U1	MW-U2	MW-D4	MW-D5	MW-D6	MW-D7		MW-D8	MW-D9
										MW-D7	DUP-14		
Boron	mg/L	N/A	N/A	0.022	0.0074 J	0.010 J	0.0056 J	0.0090 J	0.0083 J	0.039 J	0.040 J	0.042 J	0.0073 J
Calcium	mg/L	N/A	N/A	0.14	36	15	44	43	35	69	68	77	53
Chloride	mg/L	N/A	N/A	1.4	1.9 J	1.8 J	2.7	6.6	4.6	4.7	3.7	6.3	2.1
Fluoride	mg/L	4	N/A	0.022	0.088 J	0.047 J	0.13	0.033 J	0.10	0.078 J	0.075 J	0.059 J	0.085 J
Sulfate	mg/L	N/A	N/A	1.4	2.0 J	22	ND	1.7 J	3.3 J	3.4 J	3.9 J	14	2.0 J
pH ⁽³⁾	SU	N/A	N/A	N/A	7.55	7.00	7.62	6.79	8.00	7.44	7.44	7.46	7.68
Total Dissolved Solids	mg/L	N/A	N/A	5.0	94	60	150	150	140	230	220	230	180

Appendix IV to 40 C.F.R. Part 257 - Constituents for Assessment Monitoring

Constituent	Unit	MCL ⁽¹⁾	CCR-Rule Specified ⁽⁴⁾	MDL ⁽²⁾	Upgradient Well ID		Downgradient Well ID						
					MW-U1	MW-U2	MW-D4	MW-D5	MW-D6	MW-D7		MW-D8	MW-D9
										MW-D7	DUP-14		
Barium	mg/L	2	N/A	0.00089	0.0019 J	0.013	0.015	0.03	0.0097	0.06	0.061	0.051	0.034
Cadmium	mg/L	0.005	N/A	0.000078	ND	ND	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/L	0.1 ⁽⁵⁾	N/A	0.0012	0.0014 J	0.0014 J	0.0011 J	0.00083 J	0.0022	ND	ND	ND	ND
Cobalt	mg/L	N/A	0.006	0.00022	ND	ND	ND	ND	0.00021 J	0.00023 J	0.00026 J	0.00027 J	0.00012
Fluoride	mg/L	4	N/A	0.022	0.088 J	0.047 J	0.13	0.033	0.10	0.078 J	0.075 J	0.059 J	0.085 J
Lead	mg/L	0.015 ⁽⁶⁾	N/A	0.00021	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lithium	mg/L	N/A	0.04	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND
Molybdenum	mg/L	N/A	0.1	0.00086	ND	ND	NA	NA	NA	NA	NA	NA	NA
Radium 226 and 228 Combined	pCi/L	5	N/A	⁽⁷⁾ --	0.388 U	0.166 U	0.144 U	0.326 U	-0.0514 U	0.0364 U	0.413 U	0.300 U	0.269 U

Notes:

MCL = Maximum Contaminant Level

MDL = Method Detection Limit

mg/L = milligrams per liter.

S.U. = Standard Unit.

pCi/L = picocuries per liter.

ND = the constituent was not detected above the analytical MDL.

NA = the constituent was not analyzed during the monitoring event.

N/A = not applicable for the constituent.

-- '=' not applicable

DUP-14 is a duplicate sample collected from MW-D7.

J = concentration is less than the reporting level but greater than or equal to the MDL and the reported concentration is an approximate value.

U = Result is less than the sample detection limit.

⁽¹⁾: MCLs indicate USEPA maximum contaminant levels. MCLs are established under 40 CFR §141.62 and 40 CFR §141.66.

⁽²⁾: MDL indicates minimum detection limit, which is the minimum concentration of analyte that can be measured and reported.

⁽³⁾: The pH value was recorded at the time of sample collection in the field.

⁽⁴⁾: On February 22, 2022, the Georgia Environmental Protection Division (GA EPD) adopted the federally promulgated Groundwater Protection Standard (GWPS) for cobalt, lithium, lead, and molybdenum.

⁽⁵⁾: MCL value for total chromium.

⁽⁶⁾: Lead Treatment Technology Action Level is 0.015 mg/L.

⁽⁷⁾:During the analysis of radium, background concentrations are subtracted, thus each sample have a different Minimum Detectable Concentration (MDC). The MDCs were as follows: 0.709 pCi/L for MW-U1, 0.707 pCi/L for MW-U2, 0.815 pCi/L for MW-D4, 0.770 pCi/L for MW-D5, 0.688 pCi/L for MW-D6, 0.871 pCi/L for MW-D7, 0.839 pCi/L for MW-D8, 0.687 pCi/L for MW-D9, and 0.777 pCi/L for DUP-14.

**Table 6. Evaluation of SSIs for Appendix III Constituents
Crisp County Power Commission
Plant Crisp Secondary Ash Areas**

Appendix III to Part 257 Constituents for Detection Monitoring	Prediction Limit¹ (April 2025 Monitoring)	Wells with SSI (April 2025 Monitoring)	Prediction Limit¹ (October 2025 Monitoring)	Wells with SSI (October 2025 Monitoring)
Boron (mg/L)	0.34	None	0.34	None
Calcium (mg/L)	41.52	MW-D4, MW-D7, MW-D8, MW-D9	44	MW-D7, MW-D8, MW-D9
Chloride (mg/L)	9.833	None	9.833	None
Field pH (SU)	<5.07 or >9.43	None	<5.07 or >9.43	None
Fluoride (mg/L)	0.45	None	0.45	None
Sulfate (mg/L)	120	None	120	None
Total Dissolved Solids (TDS) (mg/L)	178.5	MW-D7, MW-D8	229	MW-D7, MW-D8

Notes:

mg/L = milligrams per liter.

SSI = Statistically Significant Increases compared to background.

SU = Standard Unit

¹: The prediction limit values were calculated using data collected from the background wells MW-U1 and MW-U2 between February 2017 and April 2025 or October 2025. April 2025 concentrations were compared to the predication values calculated for April 2025. The October 2025 measurements were compared with the prediction values calculated including the October 2025 data.

Table 7. Summary of Basic Groundwater Statistics and GWPS for Appendix IV Constituents
Crisp County Power Commission
Plant Crisp Secondary Ash Areas

Appendix IV to Part 257 - Constituents for Assessment Monitoring	Well ID	Number of Samples	Number of Non-detects	% Non-detects	Minimum	Maximum	Upper Tolerance Limit	Maximum Contaminant Level (MCL established under 40 CFR §161.62 and 40 CFR §141.66) or Groundwater Protection Standard (GWPS listed under 40 CFR §257.95(h)(2))	Selected GWPS for the Site
Antimony [mg/L]	MW-D4	13	12	92%	0.00042 JB	<0.005		0.006	0.006
	MW-D5	13	13	100%	<0.0025	<0.005			
	MW-D6	13	13	100%	<0.0025	<0.005			
	MW-D7	13	13	100%	<0.0025	<0.005			
	MW-D8	13	13	100%	<0.0025	<0.005			
	MW-D9	13	13	100%	<0.0025	<0.005			
	MW-U2	13	13	100%	<0.0025	<0.005	0.0025		
MW-U1	19	19	100%	<0.0005	<0.0025				
Arsenic [mg/L]	MW-D4	12	12	100%	<0.0013	<0.0025		0.01	0.01
	MW-D5	12	12	100%	<0.0013	<0.0025			
	MW-D6	12	12	100%	<0.0013	<0.0025			
	MW-D7	12	12	100%	<0.0013	<0.0025			
	MW-D8	12	12	100%	<0.0013	<0.0025			
	MW-D9	12	7	58%	0.00095 J	<0.0025			
	MW-U2	13	13	100%	<0.0013	<0.0025	0.0025		
MW-U1	25	21	84%	0.00015 JB	<0.0025				
Barium [mg/L]	MW-D4	14	0	0%	0.014	0.039		2	2
	MW-D5	14	0	0%	0.022	0.062			
	MW-D6	14	0	0%	0.0081	0.012 B			
	MW-D7	14	0	0%	0.060	0.15			
	MW-D8	14	0	0%	0.048 B	0.061			
	MW-D9	14	0	0%	0.034	0.053			
	MW-U2	14	0	0%	0.0092	0.043 B	0.043		
MW-U1	27	0	0%	0.0018 J	0.0062				
Beryllium [mg/L]	MW-D4	12	12	100%	<0.002	<0.004		0.004	0.004
	MW-D5	12	11	92%	0.00028 J	0.004			
	MW-D6	12	12	100%	<0.002	<0.004			
	MW-D7	12	12	100%	<0.002	<0.004			
	MW-D8	12	12	100%	<0.002	<0.004			
	MW-D9	12	12	100%	<0.002	<0.004			
	MW-U2	12	12	100%	<0.002	<0.004	0.002		
MW-U1	18	18	100%	<0.0004	<0.0025				
Cadmium [mg/L]	MW-D4	12	12	100%	<0.001	<0.002		0.005	0.005
	MW-D5	12	12	100%	<0.001	<0.002			
	MW-D6	12	12	100%	<0.001	<0.002			
	MW-D7	12	11	92%	0.00086 J	<0.002			
	MW-D8	12	11	92%	<0.001	<0.002			
	MW-D9	12	12	100%	<0.001	<0.002			
	MW-U2	13	12	92%	<0.001	0.002	0.0025		
MW-U1	20	20	100%	<0.0002	<0.0025				
Chromium [mg/L]	MW-D4	13	8	62%	0.0011 J	0.011		0.1	0.1
	MW-D5	13	9	69%	0.00083 J	0.026			
	MW-D6	13	5	38%	0.001 J	0.039			
	MW-D7	13	11	85%	0.0012 JB	<0.005			
	MW-D8	13	11	85%	0.0018 JB	0.0044 JB			
	MW-D9	13	11	85%	0.0014 JB	0.0049 J			
	MW-U2	13	8	62%	0.0014 J	0.0063	0.0063		
MW-U1	25	3	12%	0.0011 J	0.0051				
Cobalt [mg/L]	MW-D4	14	12	86%	0.00057 J	<0.005		0.006	0.006
	MW-D5	14	12	86%	0.0012 J	<0.005			
	MW-D6	14	12	86%	0.0021 J	<0.005			
	MW-D7	14	6	43%	0.00023 J	<0.005			
	MW-D8	14	11	79%	0.00022 J	<0.005			
	MW-D9	14	10	71%	0.00012	<0.005			
	MW-U2	14	12	86%	0.00068 J	<0.005	0.005		
MW-U1	25	24	96%	<0.0005	<0.0025				
Fluoride [mg/L]	MW-D4	14	1	7%	0.11	<1.00 H		4	4
	MW-D5	14	8	57%	0.027 J	<1.00 H			
	MW-D6	14	1	7%	0.081 J	<1.00 H			
	MW-D7	14	1	7%	0.069 J	<1.00 H			
	MW-D8	14	7	50%	0.05 J	<1.00 H			
	MW-D9	14	1	7%	0.05 J	<1.00 H			
	MW-U2	14	0	0%	0.038 J	0.45 J	0.45		
MW-U1	27	3	11%	0.04 J	0.13				
Lead [mg/L]	MW-D4	14	14	100%	<0.0013	<0.0025		0.015	0.0015
	MW-D5	14	11	79%	0.0004 J	<0.0025			
	MW-D6	14	14	100%	<0.0013	<0.0025			
	MW-D7	14	14	100%	<0.0013	<0.0025			
	MW-D8	14	14	100%	<0.0013	<0.0025			
	MW-D9	14	13	93%	0.00024 J	<0.0025			
	MW-U2	14	14	100%	<0.0013	<0.0025	0.0025		
MW-U1	20	19	95%	<0.00025	<0.002				
Lithium [mg/L]	MW-D4	13	12	92%	<0.002	<0.02		0.04	0.04
	MW-D5	13	11	85%	<0.0025	<0.02			
	MW-D6	13	11	85%	<0.0025	<0.02			
	MW-D7	13	13	100%	<0.0025	<0.02			
	MW-D8	13	13	100%	<0.0025	<0.02			
	MW-D9	13	11	85%	<0.0025	<0.02			
	MW-U2	13	12	92%	<0.0021	<0.02	0.02		
MW-U1	22	20	91%	0.00034 J	<0.02				
Mercury [mg/L]	MW-D4	12	12	100%	<0.0002	<0.0002		0.002	0.002
	MW-D5	12	12	100%	<0.0002	<0.0002			
	MW-D6	12	12	100%	<0.0002	<0.0002			
	MW-D7	12	12	100%	<0.0002	<0.0002			
	MW-D8	12	11	92%	<0.0002	0.00022 B			
	MW-D9	12	10	83%	0.00019 J	0.00022 B			
	MW-U2	12	11	92%	0.00018 JB	<0.0002	0.0002		
MW-U1	18	17	94%	0.000099 JB	<0.0002				
Molybdenum [mg/L]	MW-D4	12	11	92%	0.0038 J	<0.02		0.10	0.10
	MW-D5	12	11	92%	0.0027 J	<0.02			
	MW-D6	12	11	92%	0.0027 J	<0.02			
	MW-D7	12	11	92%	0.0031 J	<0.02			
	MW-D8	12	10	83%	0.00046 J	<0.02			
	MW-D9	12	10	83%	0.0023 J	<0.02			
	MW-U2	14	13	93%	<0.002	<0.02	0.02		
MW-U1	25	24	96%	0.0011 J	<0.02				
Radium 226 and 228 228 Combined [pCi/L]	MW-D4	14	3	21%	0.049	1.29		5	5
	MW-D5	14	3	21%	0.219	1.80			
	MW-D6	14	3	21%	-0.0527	1.43			
	MW-D7	14	3	21%	-0.0315	1.22			
	MW-D8	14	3	21%	-0.0397	0.851			
	MW-D9	14	3	21%	-0.0298	0.887			
	MW-U2	14	3	21%	0.0267	1.09	1.189		
MW-U1	27	3	11%	-0.189	1.39				
Selenium [mg/L]	MW-D4	13	10	77%	0.0011 JB	0.0036		0.05	0.05
	MW-D5	13	11	85%	0.001 J	0.0031			
	MW-D6	13	10	77%	0.0011 J	<0.0025			
	MW-D7	13	11	85%	0.001 J	<0.0025			
	MW-D8	13	10	77%	0.00098 JB	0.0034			
	MW-D9	13	10	77%	0.00084 JB	0.0039			
	MW-U2	13	5	38%	0.0011 J	0.0026	0.0026		
MW-U1	22	15	68%	0.00039	<0.0013				
Thallium [mg/L]	MW-D4	12	12	100%	<0.0005	<0.001		0.002	0.002
	MW-D5	12	12	100%	<0.0005	<0.001			
	MW-D6	12	12	100%	<0.0005	<0.001			
	MW-D7	12	12	100%	<0.0005	<0.001			
	MW-D8	12	12	100%	<0.0005	<0.001			
	MW-D9	12	12	100%	<0.0005	<0.001			
	MW-U2	12	12	100%	<0.0005	<0.001	0.0005		
MW-U1	22	22	100%	<0.0001	<0.0005				

Notes:
mg/L = milligrams per liter
pCi/L = picocuries per liter
Highlighted cells show the background well (MW-U1 and MW-U2).
J - Result is less than the reporting level but greater than or equal to the method detection limit (MDL) and the concentration is an approximate value.
B - Compound was found in the blank and sample.

Table 8. Evaluation of SSLs for Appendix IV Constituents
Crisp County Power Commission
Plant Crisp Secondary Ash Areas

Appendix IV to Part 257 - Constituents for Assessment Monitoring	Well ID	Selected Groundwater Protection Standard (GWPS) for the Site (From Table 7)	Lower Confidence Limit if Detected During the October 2025 Monitoring Period	Concentrations in Downgradient Well Show Statistically Significant Level (SSL) Above GWPS?
Antimony [mg/L]	MW-D4	0.006	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Arsenic [mg/L]	MW-D4	0.01	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Barium [mg/L]	MW-D4	2	0.01974	No
	MW-D5		0.027	No
	MW-D6		0.008459	No
	MW-D7		0.07251	No
	MW-D8		0.05134	No
	MW-D9		0.03775	No
	MW-U2		Background Well	
	MW-U1			
Beryllium [mg/L]	MW-D4	0.004	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Cadmium [mg/L]	MW-D4	0.005	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Chromium [mg/L]	MW-D4	0.1	0.0012	No
	MW-D5		0.0016	No
	MW-D6		0.0013	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Cobalt [mg/L]	MW-D4	0.006	ND	No
	MW-D5		ND	No
	MW-D6		0.0021	No
	MW-D7		0.0004635	No
	MW-D8		0.0021	No
	MW-D9		0.00023	No
	MW-U2		Background Well	
	MW-U1			
Fluoride [mg/L]	MW-D4	4	0.12	No
	MW-D5		0.029	No
	MW-D6		0.092	No
	MW-D7		0.071	No
	MW-D8		0.054	No
	MW-D9		0.077	No
	MW-U2		Background Well	
	MW-U1			
Lead [mg/L]	MW-D4	0.015	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Lithium [mg/L]	MW-D4	0.04	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Mercury [mg/L]	MW-D4	0.002	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Molybdenum [mg/L]	MW-D4	0.1	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Radium 226 and 228 228 Combined [pCi/L]	MW-D4	5	0.2997	No
	MW-D5		0.3575	No
	MW-D6		0.2226	No
	MW-D7		0.2735	No
	MW-D8		0.2167	No
	MW-D9		0.1742	No
	MW-U2		Background Well	
	MW-U1			
Selenium [mg/L]	MW-D4	0.05	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			
Thallium [mg/L]	MW-D4	0.002	ND	No
	MW-D5		ND	No
	MW-D6		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		ND	No
	MW-U2		Background Well	
	MW-U1			

Notes:
mg/L = milligrams per liter
pCi/L = picocuries per liter
ND = Not Detected
Highlighted cells show the background well (MW-U1 and MW-U2).

FIGURES

\\a-o1\prj\GIS\MXD\2023\Annual_Monitoring_Report\GW_Monitoring_Well_Location_Map_SAA.mxd 11/3/2025 2:07:52 PM DY



Service Layer Credits: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community Aerial Photograph from June 2016.



Legend

-  Monitoring Well (Secondary Ash Areas)
-  Ash Pond Approximate Boundary
-  Secondary Ash Areas Approximate Boundary
-  Approximate CCPC Property Boundary

0 250 500 1,000
Feet

Groundwater Monitoring Well Location Map

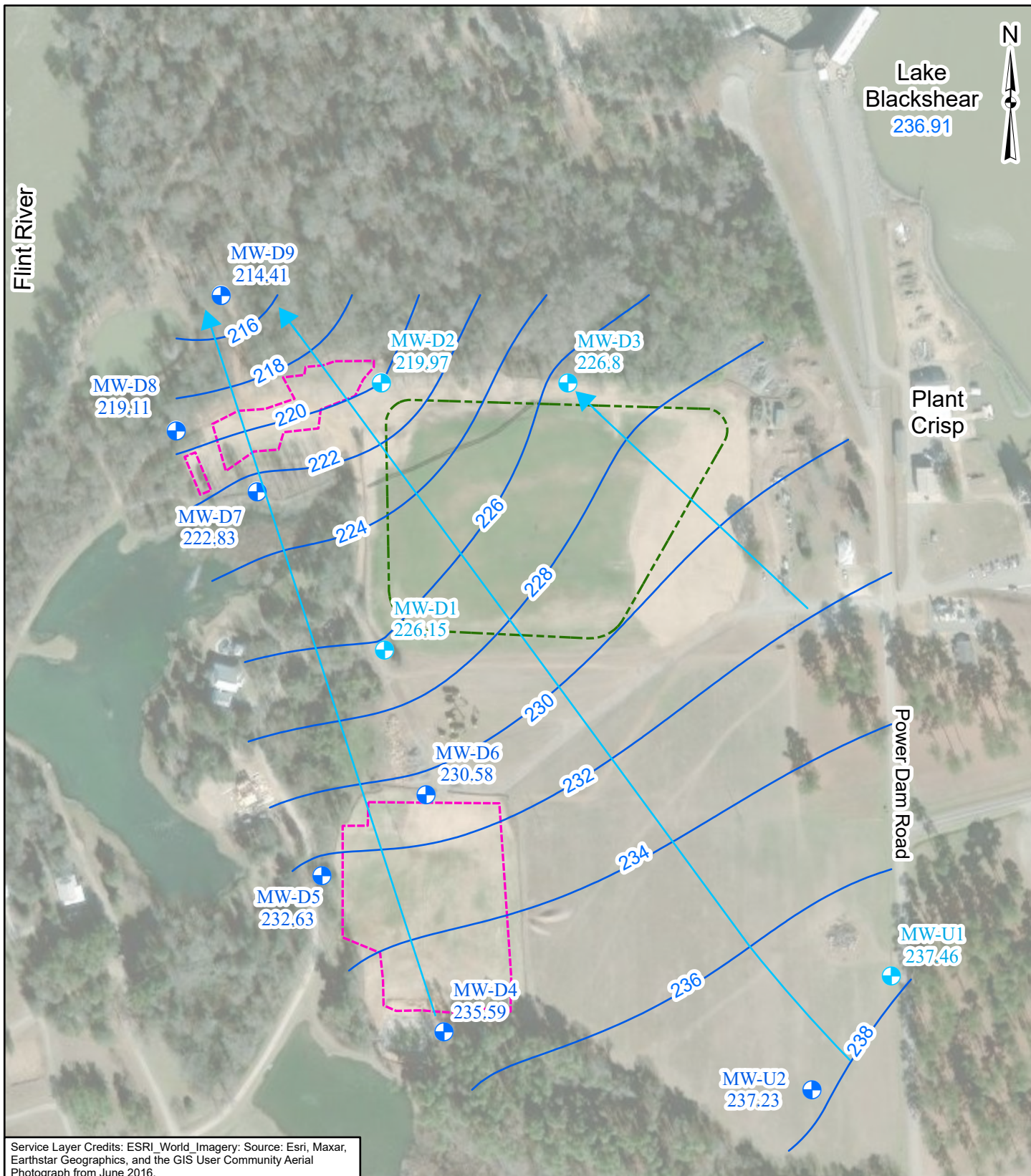
Crisp County Power Commission
Warwick, Georgia

Geosyntec
consultants

KENNESAW, GA

DATE:	JANUARY 2026
PROJECT NO.	GW6152
DOCUMENT NO.	GA 250279
FILE NO.	FIGURE 1 GROUNDWATER MONITORING WELL LOCATION MAP.MXD
FIGURE NO.	1

\\ncr-01\proj1\GIS\MapDocs\2025\April_2025_Potentiometric Surface Map.aprx 11/3/2025 1:12 PM



Service Layer Credits: ESRI_World_Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community Aerial Photograph from June 2016.



Dawit D. Yifru

Dawit Yifru
PG001965

Legend

- Monitoring Well (Ash Pond)
- Monitoring Well (Secondary Ash Areas)
- Monitoring Well (Secondary Ash Areas)

- Groundwater Flow Direction
- Secondary Ash Area Approximate Boundary
- Ash Pond Approximate Boundary

Note: MW-U1 serves as background monitoring well for the ash pond and secondary ash areas.

0 150 300
Feet

Potentiometric Surface Map (April 2025)

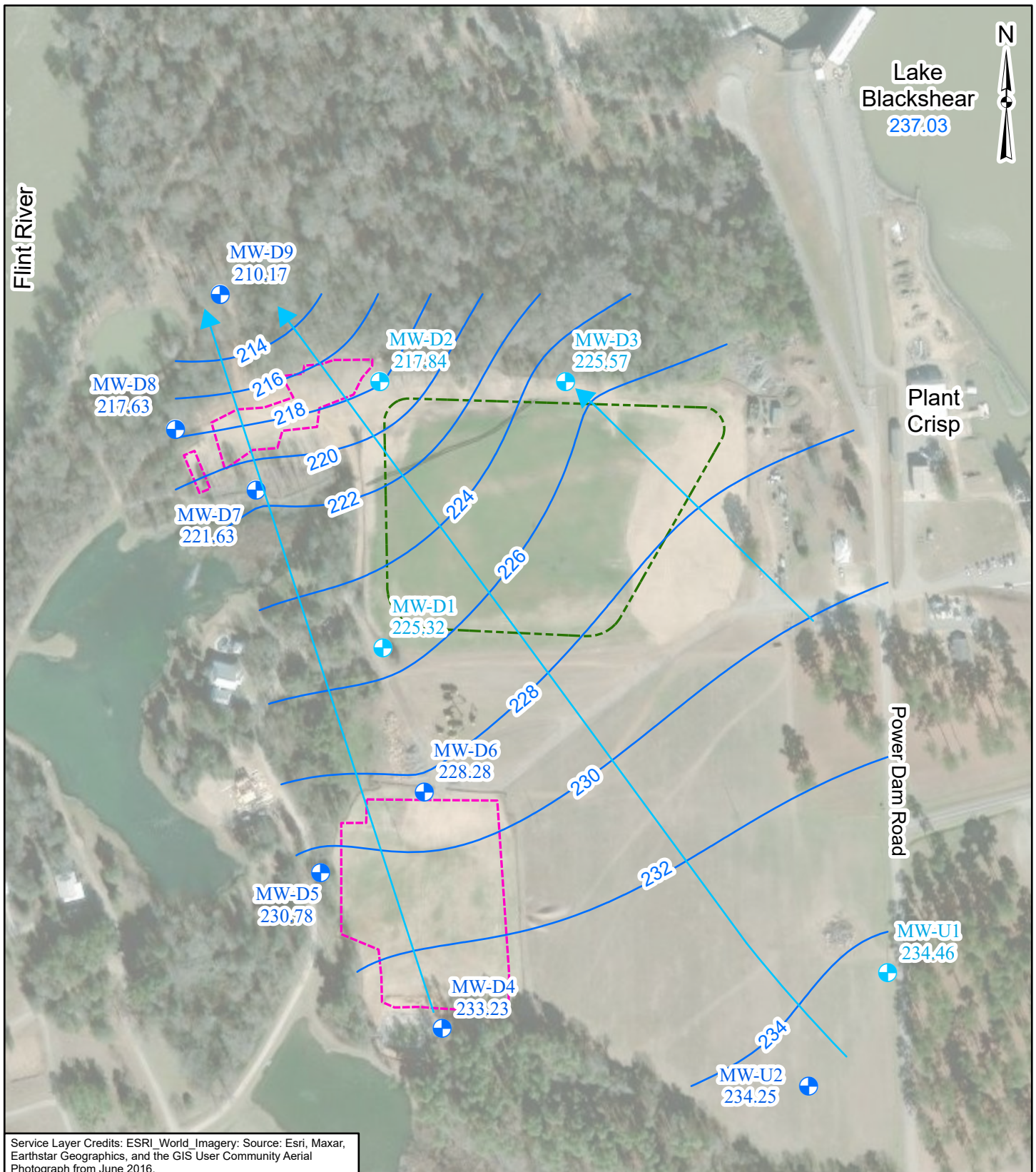
Crisp County Power Commission
Warwick, Georgia

Geosyntec
consultants

KENNESAW, GA

DATE:	JANUARY 2026
PROJECT NO.	GW6152
DOCUMENT NO.	GA 260002
FILE NO.	FIGURE 2 POTENTIOMETRIC SURFACE MAP APPROX
FIGURE NO.	2

\\ncr-01\proj\GIS\MapDocs\2025\October_2025_Potentiometric Surface Map.aprx 11/3/2025 1:45 PM



Service Layer Credits: ESRI_World_Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community Aerial Photograph from June 2016.



Dawit D. Yifru

Dawit Yifru
PG001965

Legend

- Monitoring Well (Ash Pond)
- Monitoring Well (Secondary Ash Areas)
- Monitoring Well (Secondary Ash Areas)

- Groundwater Flow Direction
- Secondary Ash Area Approximate Boundary
- Ash Pond Approximate Boundary

Note: MW-U1 serves as background monitoring well for the ash pond and secondary ash areas.

0 150 300
Feet

Potentiometric Surface Map (October 2025)

Crisp County Power Commission
Warwick, Georgia

Geosyntec
consultants

KENNESAW, GA

DATE:	JANUARY 2026
PROJECT NO.	GW6152
DOCUMENT NO.	GA 260002
FILE NO.	FIGURE 2 POTENTIOMETRIC SURFACE MAP.APRX
FIGURE NO.	3

APPENDIX A

Field Groundwater Sampling Forms

April 2025

Depth to Groundwater Level Measurement

1. Open all monitoring wells and wait ~15 min for the water level to equilibrate. Take a full round of water level measurements prior to sampling. **Measure total well depth at the end of the sampling event.** Decontaminate water level indicator between wells. The following table has the list of wells for water level measurement and the most recent depth to water and total well depth.

Monitoring Well ID	Total Well Depth (ft bgs)	Depth to Water (ft btoc) 10/17/2024	Depth to Water (ft btoc) 4/24/2025
MW-U1	37.35	10.84	12.06
MW-U2	30.96	10.19	11.56
MW-D1	22.82	15.20	15.62
MW-D2	22.51	12.75	12.69
MW-D3	22.72	6.77	6.98
MW-D4	29.91	10.52	10.96
MW-D5	36.05	8.49	8.53
MW-D6	37.49	21.58	22.05
MW-D7	27.03	7.48	7.35
MW-D8	27.65	7.57	7.65
MW-D9	27.31	6.61	7.01

Notes:

ft btoc = feet below the top of casing

ft bgs = feet below ground surface

MW-U1 and MW-U2 are background monitoring wells

Low-Flow Test Report:

Test Date / Time: 4/29/2025 11:48:33 AM
Project: CCPC
Operator Name: Z. Webb

Location Name: MW-U1 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27.35 ft Total Depth: 37.35 ft Initial Depth to Water: 12 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 32.35 ft Estimated Total Volume Pumped: 8 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.8 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1167968

Test Notes:
Appendix

Weather Conditions:
Clear, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 20	+/- 0.3	
4/29/2025 11:48 AM	00:00	7.87 pH	24.36 °C	194.75 µS/cm	7.13 mg/L	2.45 NTU	158.0 mV	12.00 ft	200.00 ml/min
4/29/2025 11:53 AM	05:00	7.86 pH	25.82 °C	194.33 µS/cm	7.07 mg/L	2.23 NTU	361.1 mV	12.35 ft	200.00 ml/min
4/29/2025 11:58 AM	10:00	7.87 pH	24.81 °C	192.16 µS/cm	6.97 mg/L	1.90 NTU	294.8 mV	12.46 ft	200.00 ml/min
4/29/2025 12:03 PM	15:00	7.88 pH	23.22 °C	190.12 µS/cm	7.04 mg/L	1.62 NTU	301.6 mV	12.61 ft	200.00 ml/min
4/29/2025 12:08 PM	20:00	7.88 pH	22.53 °C	189.88 µS/cm	7.18 mg/L	1.18 NTU	301.5 mV	12.75 ft	200.00 ml/min
4/29/2025 12:13 PM	25:00	7.89 pH	22.25 °C	189.13 µS/cm	7.36 mg/L	1.03 NTU	300.1 mV	12.77 ft	200.00 ml/min
4/29/2025 12:18 PM	30:00	7.89 pH	22.04 °C	188.33 µS/cm	7.39 mg/L	0.97 NTU	292.6 mV	12.79 ft	200.00 ml/min
4/29/2025 12:23 PM	35:00	7.89 pH	22.12 °C	188.67 µS/cm	7.36 mg/L	0.60 NTU	290.2 mV	12.80 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-U1-20250429	Grab.

Low-Flow Test Report:

Test Date / Time: 4/29/2025 11:56:55 AM
Project: CCPC
Operator Name: Y. Wang

Location Name: MW-U2 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 20 ft Total Depth: 30.96 ft Initial Depth to Water: 11.06 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 25 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 2.52 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1170065

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 10	+/- 5
4/29/2025 11:56 AM	05:00	7.21 pH	21.92 °C	120.26 µS/cm	7.72 mg/L	0.81 NTU	175.5 mV	13.25 ft
4/29/2025 12:01 PM	10:00	7.20 pH	21.46 °C	121.33 µS/cm	7.80 mg/L	0.65 NTU	233.7 mV	13.46 ft
4/29/2025 12:06 PM	15:00	7.19 pH	21.30 °C	118.90 µS/cm	7.81 mg/L	0.63 NTU	241.5 mV	13.62 ft
4/29/2025 12:11 PM	20:00	7.18 pH	21.29 °C	115.97 µS/cm	7.77 mg/L	0.47 NTU	197.1 mV	13.69 ft
4/29/2025 12:16 PM	25:00	7.18 pH	21.37 °C	115.06 µS/cm	7.80 mg/L	0.54 NTU	199.0 mV	13.67 ft
4/29/2025 12:21 PM	30:00	7.17 pH	21.50 °C	111.20 µS/cm	7.76 mg/L	0.49 NTU	200.7 mV	13.58 ft

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/29/2025 1:13:40 PM
Project: CCPC
Operator Name: Z. Webb

Location Name: MW-D4 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 19.91 ft Total Depth: 29.91 ft Initial Depth to Water: 10.94 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 24.91 ft Estimated Total Volume Pumped: 15 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 8.08 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1167968

Test Notes:
Appendix

Weather Conditions:
Clear, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 20	+/- 0.3	
4/29/2025 1:13 PM	00:00	7.36 pH	21.86 °C	222.25 µS/cm	4.80 mg/L	1.40 NTU	171.1 mV	10.94 ft	200.00 ml/min
4/29/2025 1:18 PM	05:00	7.34 pH	19.50 °C	230.57 µS/cm	6.36 mg/L	0.90 NTU	264.6 mV	14.05 ft	200.00 ml/min
4/29/2025 1:23 PM	10:00	7.34 pH	19.87 °C	230.31 µS/cm	5.41 mg/L	1.86 NTU	384.8 mV	14.74 ft	200.00 ml/min
4/29/2025 1:28 PM	15:00	7.36 pH	20.04 °C	238.77 µS/cm	5.03 mg/L	2.22 NTU	291.5 mV	15.63 ft	200.00 ml/min
4/29/2025 1:33 PM	20:00	7.38 pH	20.29 °C	228.85 µS/cm	4.64 mg/L	1.97 NTU	390.3 mV	16.68 ft	200.00 ml/min
4/29/2025 1:38 PM	25:00	7.46 pH	20.16 °C	231.79 µS/cm	4.37 mg/L	2.63 NTU	361.0 mV	17.29 ft	200.00 ml/min
4/29/2025 1:43 PM	30:00	7.48 pH	20.26 °C	232.33 µS/cm	4.06 mg/L	2.37 NTU	242.3 mV	17.74 ft	200.00 ml/min
4/29/2025 1:48 PM	35:00	7.44 pH	20.42 °C	232.66 µS/cm	3.69 mg/L	3.07 NTU	319.0 mV	18.03 ft	200.00 ml/min
4/29/2025 1:53 PM	40:00	7.46 pH	20.97 °C	230.09 µS/cm	3.44 mg/L	3.42 NTU	240.0 mV	18.16 ft	200.00 ml/min
4/29/2025 1:58 PM	45:00	7.45 pH	21.28 °C	226.29 µS/cm	3.35 mg/L	3.19 NTU	345.7 mV	18.38 ft	200.00 ml/min
4/29/2025 2:03 PM	50:00	7.53 pH	21.41 °C	228.53 µS/cm	3.33 mg/L	3.01 NTU	267.0 mV	18.50 ft	200.00 ml/min
4/29/2025 2:08 PM	55:00	7.54 pH	21.38 °C	227.12 µS/cm	3.16 mg/L	3.37 NTU	273.3 mV	18.61 ft	200.00 ml/min
4/29/2025 2:13 PM	01:00:00	7.56 pH	21.45 °C	229.31 µS/cm	3.08 mg/L	3.59 NTU	285.4 mV	18.77 ft	200.00 ml/min

4/29/2025 2:18 PM	01:05:00	7.54 pH	21.46 °C	224.86 µS/cm	3.14 mg/L	2.62 NTU	295.2 mV	18.85 ft	200.00 ml/min
4/29/2025 2:23 PM	01:10:00	7.58 pH	21.50 °C	224.48 µS/cm	3.18 mg/L	2.33 NTU	299.8 mV	19.02 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-D4-20250429	Grab.

Low-Flow Test Report:

Test Date / Time: 4/30/2025 9:28:34 AM
Project: CCPC
Operator Name: Y. Wang

Location Name: MW-D5 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 24 ft Total Depth: 34 ft Initial Depth to Water: 8.53 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 29 ft Estimated Total Volume Pumped: 6 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.44 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1170065

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 20	+/- 5
4/30/2025 9:28 AM	05:00	6.84 pH	19.82 °C	232.80 µS/cm	5.94 mg/L	14.3 NTU	128.9 mV	8.93 ft
4/30/2025 9:33 AM	10:00	6.84 pH	19.86 °C	234.66 µS/cm	5.87 mg/L	7.67 NTU	128.4 mV	9.02 ft
4/30/2025 9:38 AM	15:00	6.85 pH	19.88 °C	234.23 µS/cm	5.82 mg/L	5.24 NTU	164.7 mV	8.98 ft
4/30/2025 9:43 AM	20:00	6.85 pH	19.91 °C	233.44 µS/cm	5.80 mg/L	5.55 NTU	127.9 mV	8.47 ft
4/30/2025 9:48 AM	25:00	6.86 pH	19.91 °C	233.65 µS/cm	5.77 mg/L	4.73 NTU	127.3 mV	8.98 ft
4/30/2025 9:53 AM	30:00	6.85 pH	19.98 °C	231.96 µS/cm	5.75 mg/L	2.93 NTU	126.9 mV	8.97 ft

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/30/2025 11:14:18 AM
Project: CCPC
Operator Name: Z. Webb

Location Name: MW-D6 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 27.49 ft Total Depth: 37.49 ft Initial Depth to Water: 22.07 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 32.49 ft Estimated Total Volume Pumped: 26 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 0.02 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1167968

Test Notes:
Appendix

Weather Conditions:
Clear, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 20	+/- 0.3	
4/30/2025 11:14 AM	00:00	7.93 pH	23.10 °C	191.44 µS/cm	7.63 mg/L	286.00 NTU	83.8 mV	22.07 ft	200.00 ml/min
4/30/2025 11:19 AM	05:00	7.93 pH	22.83 °C	190.41 µS/cm	7.58 mg/L	300.00 NTU	202.1 mV	22.11 ft	200.00 ml/min
4/30/2025 11:24 AM	10:00	7.94 pH	23.01 °C	190.13 µS/cm	7.50 mg/L	204.00 NTU	234.7 mV	22.09 ft	200.00 ml/min
4/30/2025 11:29 AM	15:00	7.93 pH	22.99 °C	188.96 µS/cm	7.46 mg/L	117.00 NTU	341.5 mV	22.09 ft	200.00 ml/min
4/30/2025 11:34 AM	20:00	7.94 pH	23.06 °C	186.87 µS/cm	7.39 mg/L	63.70 NTU	266.2 mV	22.08 ft	200.00 ml/min
4/30/2025 11:39 AM	25:00	7.94 pH	23.10 °C	185.50 µS/cm	7.33 mg/L	46.30 NTU	268.8 mV	22.08 ft	200.00 ml/min
4/30/2025 11:44 AM	30:00	7.93 pH	23.16 °C	186.06 µS/cm	7.28 mg/L	35.80 NTU	375.2 mV	22.09 ft	200.00 ml/min
4/30/2025 11:49 AM	35:00	7.92 pH	23.19 °C	185.17 µS/cm	7.23 mg/L	28.10 NTU	385.8 mV	22.09 ft	200.00 ml/min
4/30/2025 11:54 AM	40:00	7.93 pH	23.28 °C	183.78 µS/cm	7.17 mg/L	17.60 NTU	284.5 mV	22.09 ft	200.00 ml/min
4/30/2025 11:59 AM	45:00	7.92 pH	23.34 °C	183.18 µS/cm	7.14 mg/L	14.70 NTU	392.9 mV	22.09 ft	200.00 ml/min
4/30/2025 12:04 PM	50:00	7.93 pH	23.24 °C	182.75 µS/cm	7.15 mg/L	13.20 NTU	289.2 mV	22.09 ft	200.00 ml/min
4/30/2025 12:09 PM	55:00	7.93 pH	23.38 °C	182.90 µS/cm	7.09 mg/L	10.20 NTU	397.4 mV	22.09 ft	200.00 ml/min
4/30/2025 12:14 PM	01:00:00	7.93 pH	23.20 °C	182.21 µS/cm	7.10 mg/L	9.73 NTU	403.5 mV	22.09 ft	200.00 ml/min

4/30/2025 12:19 PM	01:05:00	7.92 pH	23.14 °C	181.56 µS/cm	7.09 mg/L	7.68 NTU	294.2 mV	22.09 ft	200.00 ml/min
4/30/2025 12:24 PM	01:10:00	7.93 pH	23.11 °C	180.14 µS/cm	7.06 mg/L	7.33 NTU	405.0 mV	22.09 ft	200.00 ml/min
4/30/2025 12:29 PM	01:15:00	7.93 pH	23.17 °C	179.41 µS/cm	7.04 mg/L	6.94 NTU	297.2 mV	22.09 ft	200.00 ml/min
4/30/2025 12:34 PM	01:20:00	7.93 pH	23.20 °C	179.07 µS/cm	7.05 mg/L	6.24 NTU	409.8 mV	22.09 ft	200.00 ml/min
4/30/2025 12:39 PM	01:25:00	7.93 pH	23.23 °C	178.65 µS/cm	7.03 mg/L	5.85 NTU	301.7 mV	22.09 ft	200.00 ml/min
4/30/2025 12:44 PM	01:30:00	7.93 pH	23.38 °C	177.73 µS/cm	6.98 mg/L	6.43 NTU	300.9 mV	22.09 ft	200.00 ml/min
4/30/2025 12:49 PM	01:35:00	7.93 pH	23.39 °C	177.53 µS/cm	6.97 mg/L	6.31 NTU	417.7 mV	22.09 ft	200.00 ml/min
4/30/2025 12:54 PM	01:40:00	7.91 pH	23.29 °C	178.72 µS/cm	6.96 mg/L	5.64 NTU	425.9 mV	22.09 ft	200.00 ml/min
4/30/2025 12:59 PM	01:45:00	7.91 pH	23.39 °C	180.21 µS/cm	7.04 mg/L	5.29 NTU	427.6 mV	22.09 ft	200.00 ml/min
4/30/2025 1:04 PM	01:50:00	7.92 pH	23.57 °C	178.82 µS/cm	7.00 mg/L	4.27 NTU	313.2 mV	22.09 ft	200.00 ml/min
4/30/2025 1:09 PM	01:55:00	7.92 pH	23.56 °C	178.52 µS/cm	6.99 mg/L	3.91 NTU	433.0 mV	22.09 ft	200.00 ml/min
4/30/2025 1:14 PM	02:00:00	7.92 pH	23.58 °C	178.57 µS/cm	7.00 mg/L	4.16 NTU	438.6 mV	22.09 ft	200.00 ml/min
4/30/2025 1:19 PM	02:05:00	7.93 pH	23.70 °C	177.11 µS/cm	6.97 mg/L	3.65 NTU	444.1 mV	22.09 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-D6	Grab.
DUP-13	Grab.

Low-Flow Test Report:

Test Date / Time: 4/29/2025 5:04:59 PM
Project: CCPC
Operator Name: Y. Wang

Location Name: MW-D7 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.4 ft Total Depth: 27.4 ft Initial Depth to Water: 7.35 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 22.4 ft Estimated Total Volume Pumped: 8 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 4.54 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1170065

Test Notes:

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water
		+/- 0.1	+/- 0.5	+/- 3 %	+/- 0.3	+/- 10	+/- 20	+/- 5
4/29/2025 5:04 PM	05:00	7.44 pH	21.51 °C	355.10 µS/cm	0.34 mg/L	7.12 NTU	179.6 mV	9.31 ft
4/29/2025 5:09 PM	10:00	7.44 pH	21.11 °C	357.48 µS/cm	0.21 mg/L	3.75 NTU	231.4 mV	10.24 ft
4/29/2025 5:14 PM	15:00	7.44 pH	20.98 °C	358.54 µS/cm	0.18 mg/L	3.32 NTU	180.0 mV	10.49 ft
4/29/2025 5:19 PM	20:00	7.44 pH	21.02 °C	357.60 µS/cm	0.17 mg/L	3.19 NTU	177.8 mV	10.62 ft
4/29/2025 5:24 PM	25:00	7.44 pH	20.88 °C	357.81 µS/cm	0.15 mg/L	3.21 NTU	225.8 mV	10.81 ft
4/29/2025 5:29 PM	30:00	7.43 pH	20.97 °C	361.59 µS/cm	0.15 mg/L	3.18 NTU	170.8 mV	11.21 ft
4/29/2025 5:34 PM	35:00	7.42 pH	20.97 °C	362.20 µS/cm	0.15 mg/L	3.32 NTU	167.2 mV	11.53 ft
4/29/2025 5:39 PM	40:00	7.43 pH	21.02 °C	362.02 µS/cm	0.15 mg/L	1.35 NTU	161.7 mV	11.89 ft

Samples

Sample ID:	Description:

Low-Flow Test Report:

Test Date / Time: 4/29/2025 3:31:58 PM
Project: CCPC
Operator Name: Z. Webb

Location Name: MW-D8 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.65 ft Total Depth: 27.65 ft Initial Depth to Water: 7.6 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 22.65 ft Estimated Total Volume Pumped: 9 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 5.7 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1167968

Test Notes:
Appendix

Weather Conditions:
Clear, 80 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 20	+/- 0.3	
4/29/2025 3:31 PM	00:00	7.38 pH	20.04 °C	400.72 µS/cm	0.20 mg/L	2.23 NTU	156.5 mV	7.60 ft	200.00 ml/min
4/29/2025 3:36 PM	05:00	7.38 pH	19.70 °C	405.14 µS/cm	0.13 mg/L	1.59 NTU	319.7 mV	11.41 ft	200.00 ml/min
4/29/2025 3:41 PM	10:00	7.37 pH	19.61 °C	409.41 µS/cm	0.10 mg/L	1.16 NTU	201.7 mV	12.59 ft	200.00 ml/min
4/29/2025 3:46 PM	15:00	7.38 pH	19.76 °C	409.84 µS/cm	0.09 mg/L	0.93 NTU	163.5 mV	12.78 ft	200.00 ml/min
4/29/2025 3:51 PM	20:00	7.37 pH	19.76 °C	410.41 µS/cm	0.08 mg/L	0.41 NTU	133.3 mV	13.02 ft	200.00 ml/min
4/29/2025 3:56 PM	25:00	7.37 pH	19.86 °C	410.35 µS/cm	0.07 mg/L	0.32 NTU	123.5 mV	13.11 ft	200.00 ml/min
4/29/2025 4:01 PM	30:00	7.37 pH	19.85 °C	410.65 µS/cm	0.07 mg/L	0.27 NTU	111.6 mV	13.23 ft	200.00 ml/min
4/29/2025 4:06 PM	35:00	7.37 pH	19.76 °C	410.41 µS/cm	0.07 mg/L	0.30 NTU	107.0 mV	13.27 ft	200.00 ml/min
4/29/2025 4:11 PM	40:00	7.38 pH	19.80 °C	410.04 µS/cm	0.06 mg/L	0.34 NTU	102.3 mV	13.30 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-D8-20250429	Grab.

Low-Flow Test Report:

Test Date / Time: 4/30/2025 9:16:55 AM
Project: CCPC
Operator Name: Z. Webb

Location Name: MW-D9 Well Diameter: 2 in Casing Type: PVC Screen Length: 10 ft Top of Screen: 17.31 ft Total Depth: 27.31 ft Initial Depth to Water: 6.68 ft	Pump Type: Peristaltic Tubing Type: Polyethylene Pump Intake From TOC: 22.31 ft Estimated Total Volume Pumped: 7 liter Flow Cell Volume: 90 ml Final Flow Rate: 200 ml/min Final Draw Down: 8.21 ft	Instrument Used: Aqua TROLL 400 Serial Number: 1167968

Test Notes:
Appendix

Weather Conditions:
Clear, 75 degrees F.

Low-Flow Readings:

Date Time	Elapsed Time	pH	Temperature	Specific Conductivity	RDO Concentration	Turbidity	ORP	Depth to Water	Flow
		+/- 0.1	+/- 0.5	+/- 5 %	+/- 0.2	+/- 10	+/- 20	+/- 0.3	
4/30/2025 9:16 AM	00:00	7.54 pH	19.18 °C	293.56 µS/cm	0.72 mg/L	2.15 NTU	-98.9 mV	6.68 ft	200.00 ml/min
4/30/2025 9:21 AM	05:00	7.55 pH	19.09 °C	290.02 µS/cm	0.84 mg/L	1.95 NTU	-94.5 mV	8.81 ft	200.00 ml/min
4/30/2025 9:26 AM	10:00	7.55 pH	18.84 °C	286.82 µS/cm	0.33 mg/L	1.51 NTU	-126.0 mV	9.92 ft	200.00 ml/min
4/30/2025 9:31 AM	15:00	7.56 pH	18.69 °C	287.73 µS/cm	0.18 mg/L	1.34 NTU	-106.1 mV	10.87 ft	200.00 ml/min
4/30/2025 9:36 AM	20:00	7.57 pH	18.70 °C	287.32 µS/cm	0.15 mg/L	0.76 NTU	-106.9 mV	11.99 ft	200.00 ml/min
4/30/2025 9:41 AM	25:00	7.57 pH	18.70 °C	287.21 µS/cm	0.14 mg/L	1.06 NTU	-107.3 mV	13.09 ft	200.00 ml/min
4/30/2025 9:46 AM	30:00	7.58 pH	18.80 °C	287.53 µS/cm	0.13 mg/L	1.17 NTU	-107.8 mV	14.89 ft	200.00 ml/min

Samples

Sample ID:	Description:
MW-D9	Grab.

EQUIPMENT CALIBRATION LOG

Field Technician Yamli Wang

Date 04/30/25

Time (start) 0803

Time (finish) 0820

smarTroll SN 1170065

Turbidity Meter Type HACH 2100A

SN 24290D00222

Weather Conditions Sunny

Facility and Unit CPL

Project No GW6152

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	24014218		4490	450.6	4492.4	+/- 5 %	Yes No	
pH (4)	01/2026	21.02	4.00	4.04	4.00	+/- 0.1 SU	Yes No	
Mid-Day pH (4) check		22.36 YW	4.00	6.4 YW		+/- 0.1 SU	Yes No	
pH (7)	24014266 01/2026	22.36	7.00	6.99	7.00	+/- 0.1 SU	Yes No	
Mid-Day pH (7) check		YW	7.00			+/- 0.1 SU	Yes No	
pH (10)	24011537 01/2026	23.13	10.00	9.90	10.01	+/- 0.1 SU	Yes No	
Mid-Day pH (10) check		YW	10.00			+/- 0.1 SU	Yes No	
ORP (mV)	24490162 01/2026	23.32	228	228.8	228.8	+/- 20mV	Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	98.07	100.22	+/- 6 % saturation	Yes No	
Turbidity 0 NTU			0.10	9.91	9.97	+/- 0.5 NTU	Yes No	
Turbidity 1 NTU			100.20	20.7	20.1	+/- 0.5 NTU	Yes No	
Turbidity 10 NTU			100.00 100	102	99.8	+/- 0.5 NTU	Yes No	YW

EQUIPMENT CALIBRATION LOG

Field Technician Zain Webb

Date 4-30-25

Time (start) 0806

Time (finish) 0834

smarTroll SN 1167968

Turbidity Meter Type HACH 2100Q

SN 23060D000290

Weather Conditions Clear, 75°F

Facility and Unit —

Project No GW6152/03

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	24014218	22.26	4490	4361.8	4490	+/- 5 %	☒ Yes ☐ No	—
pH (4)	01/2026		4.00	3.99	4.00	+/- 0.1 SU	☒ Yes ☐ No	—
Mid-Day pH (4) check	—	—	4.00	—	—	+/- 0.1 SU	~~Yes~~ ☐ No	—
pH (7)	24014266	23.02	7.00	6.95	7.00	+/- 0.1 SU	☒ Yes ☐ No	—
Mid-Day pH (7) check	01/2026		7.00	—	—	+/- 0.1 SU	~~Yes~~ ☐ No	—
pH (10)	24011537	23.33	10.00	9.97	10.00	+/- 0.1 SU	☒ Yes ☐ No	—
Mid-Day pH (10) check	01/2026		10.00	—	—	+/- 0.1 SU	~~Yes~~ ☐ No	—
ORP (mV)		22.92	228	227.2	228.0	+/- 20mV	☒ Yes ☐ No	—
DO (%) (1pt, 100% water saturated air cal)			100	97.00%	100.00%	+/- 6 % saturation	☒ Yes ☐ No	—
Turbidity ²⁰ NTU			20	22.5	20	+/- 0.5 NTU	☒ Yes ☐ No	—
Turbidity ¹⁰⁰ NTU			100	97.6	100	+/- 0.5 NTU	☒ Yes ☐ No	—
Turbidity ⁸⁰⁰ NTU			800	757	800	+/- 0.5 NTU	☒ Yes ☐ No	—

EQUIPMENT CALIBRATION LOG

Field Technician: Yongli Wang Date: 04/29/25 Time (start): 10245 Time (finish): 1105

smarTroll SN: 1170065 Turbidity Meter Type: HACH 21002 SN: 240901220222

Weather Conditions: Sunny Facility and Unit: CCPL Project No: 6W6152

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	24014218		4490	4178	4484.3	+/- 5 %	✓ No	
pH (4)	01/2026	23.61	4.00	4.02	4.00	+/- 0.1 SU	✓ No	
Mid-Day pH (4) check		✓	4.00			+/- 0.1 SU	Yes No	
pH (7)	24014266 01/2026	24.07	7.00	6.97	7.00	+/- 0.1 SU	✓ No	
Mid-Day pH (7) check		✓	7.00			+/- 0.1 SU	Yes No	
pH (10)	24011537 01/2026	24.06	10.00	9.90	12.01	+/- 0.1 SU	✓ No	
Mid-Day pH (10) check		✓	10.00			+/- 0.1 SU	Yes No	
ORP (mV)	22490162 01/2026	24.11	228	223.7	227.9	+/- 20mV	✓ No	
DO (%) (1pt, 100% water saturated air cal)			100	103.32	99.81	+/- 6 % saturation	Yes No	
Turbidity 0 NTU			0.10	10.5	10.1	+/- 0.5 NTU	✓ No	
Turbidity 1 NTU			1.00	21	19.9	+/- 0.5 NTU	✓ No	
Turbidity 10 NTU			10.00	103	101	+/- 0.5 NTU	✓ No	

EQUIPMENT CALIBRATION LOG

Field Technician Zain Webb

Date 4-29-25

Time (start) 0909

Time (finish) 0929

smarTroll SN: 1167968

Turbidity Meter Type HACH 2100a

SN 23060D000290

Weather Conditions Cloudy, 75°F

Facility and Unit —

Project No GW6152/03

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	24014218	23.56	4490	4318.	4490.00	+/- 5 %	(Yes) No	—
pH (4)	01/2026		4.00	3.99	4.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (4) check	24014218 01/2026	26.88	4.00	4.10	4.00	+/- 0.1 SU	(Yes) No	—
pH (7)	24014266 01/2026	28.88	7.00	6.97	7.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (7) check	24014266 01/2026	27.75	7.00	7.06	7.00	+/- 0.1 SU	(Yes) No	—
pH (10)	24011537 01/2026	23.96	10.00	10.39	10.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (10) check	24011537 01/2026	28.09	10.00	10.02	10.00	+/- 0.1 SU	(Yes) No	—
ORP (mV)	22490162 01/2026	23.78	228	223.8	228.0	+/- 20mV	(Yes) No	—
DO (%) (1pt, 100% water saturated air cal)			100	99.402	100.92	+/- 6 % saturation	(Yes) No	—
Turbidity 20 NTU			20	20.1	20	+/- 0.5 NTU	(Yes) No	—
Turbidity ²⁰ ~~4~~ NTU			~~100~~ ¹⁰⁰	97.9	100	+/- 0.5 NTU	(Yes) No	—
Turbidity ²⁰ ~~10~~ NTU			~~10.00~~ ⁸⁰⁰	767	800	+/- 0.5 NTU	(Yes) No	—

October 2025

TEAM BRIEF

CCPC, 961 Power Dam Rd., Warwick, GA 31796

Contact List:

Mehmet Iscimen – Office 678-202-9542, Cell 404-316-1906

Dawit Yifru – Office 678.202.9569, Cell 770.371.6027

Yongli Wang – Cell 806.283.1717

Jacob Tracy – Cell 404.434.2074

Equipment Rental – AIR 770.448.9955

Eurofins Test America, Pensacola – 850-471-6222

Ronnie Miller (CCPC): 229-273-3811 Ext 401 (office), 229-322-2842 (Cell)

Depth to Groundwater Level Measurement

1. Open all monitoring wells and wait ~15 min for the water level to equilibrate. Take a full round of water level measurements prior to sampling. **Measure total well depth at the end of the sampling event.** Decontaminate water level indicator between wells. The following table has the list of wells for water level measurement and the most recent depth to water and total well depth.

Monitoring Well ID	Total Well Depth (ft bgs)	Depth to Water (ft btoc) 4/23/2025	Depth to Water (ft btoc) 10/22/2025
MW-U1	37.35	7.85	15.06
MW-U2	30.96	7.48	14.54
MW-D1	22.82	13.53	16.45
MW-D2	22.51	11.73	14.82
MW-D3	22.72	6.18	8.21
MW-D4	29.91	8.92	13.28
MW-D5	36.05	7.23	10.38
MW-D6	37.49	19.92	24.35
MW-D7	27.03	6.29	8.55
MW-D8	27.65	6.46	9.13
MW-D9	27.31	6.25	11.25

Notes:

ft btoc = feet below the top of casing

ft bgs = feet below ground surface

MW-U1 and MW-U2 are background monitoring wells

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION		SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796	
WELL NO: MW-11		SAMPLE ID: MW-11-2025/022	
		DATE: 10-22-25	

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 0.25		WELL SCREEN INTERVAL DEPTH: 2735 feet to 3735 feet		STATIC DEPTH TO WATER (feet): 1506		PURGE PUMP TYPE OR BAILER: PP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (3735 feet - 1506 feet) X 0.16 gallons/foot = 306 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32-35			FINAL PUMP OR TUBING DEPTH IN WELL (feet): _____			PURGING INITIATED AT: 1130		PURGING ENDED AT: 1231		TOTAL VOLUME PURGED (gallons): 12	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
1130	1	1	200	15.35	6.762	29.67	191.9	6.135	0.95	83.7	clear
1135	1	2	200	15.42	7.426	24.47	201.0	6.235	1.23	52.3	↓
1140	1	3	200	15.50	7.497	24.15	201.2	6.125	0.67	57.1	↓
1145	1	4	200	15.45	7.514	24.11	200.3	6.100	0.83	58.4	↓
1150	1	5	200	15.46	7.536	24.06	200.8	6.080	1.03	57.5	↓
1155	1	6	200	15.47	7.548	24.13	200.7	6.088	0.92	53.5	↓
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION:				SAMPLER(S) SIGNATURE(S):			SAMPLING INITIATED AT:		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE:		FIELD-FILTERED: Y		FILTER SIZE: _____ μm		
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
1	1	HDPE	1.9L	HNO3	----	7.548	9315, 9320, Ra226, Ra228		APP 250	
2	1	HDPE	1.0L	NONE	----	7.548	SM4500, 2540C		APP 250	
3	1	HDPE	0.25L	HNO3	----	7.548	6010D, 6020B		APP 250	

FIELD SAMPLING CONDITIONS:

1. Well Sign Present: ☒ Yes ☐ No

2. Well Access: Good

3. Sampling & Purging Equipment Condition: Good

4. Site Condition that may Affect Sampling Present? ☐ Yes (describe below) ☒ No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; RFPP = Reverse Flow Peristaltic Pump; B = Bailor; BP = Bladder Pump; ESP = Electric Submersible Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES:

1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** 0.2 mg/L or 10% change in saturation (whichever is greater) **Turbidity:** readings < 10 NTU **ORP:** $+ 20$ mV.

$$T_D = 37.35 \text{ ft}$$

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION	SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796
WELL NO: U2	SAMPLE ID: MW-U2
DATE: 10/22/2025	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 20 feet to 31 feet	STATIC DEPTH TO WATER (feet): 14.57	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (~~20~~ 31 feet - ~~14.57~~ 14.57 feet) X 0.16 gallons/foot = 2.62 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 23.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 25.5	PURGING INITIATED AT: 11:30	PURGING ENDED AT: _____	TOTAL VOLUME PURGED (gallons): _____

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or S/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
~~11:35~~	~~1~~	~~1~~	~~200~~	~~15.7~~	~~7.23~~	~~23.18~~	~~130.4~~	~~6.532~~	~~0.64~~	~~142.0~~	~~clear~~
~~11:35~~	~~1~~	~~1~~	~~200~~	~~15.7~~	~~7.176~~	~~23.18~~	~~130.4~~	~~6.532~~	~~0.64~~	~~142.0~~	~~clear~~
~~11:43~~	~~2~~	~~3~~	~~200~~	~~16.13~~	~~7.043~~	~~23.16~~	~~124.4~~	~~6.693~~	~~0.68~~	~~231.8~~	~~clear~~
~~11:50~~	~~1~~	~~4~~	~~200~~	~~16.23~~	~~7.021~~	~~23.47~~	~~122.9~~	~~6.608~~	~~0.79~~	~~170.8~~	~~clear~~
~~11:53~~	~~1~~	~~5~~	~~200~~	~~16.34~~	~~7.011~~	~~23.88~~	~~122.3~~	~~6.532~~	~~0.64~~	~~159.0~~	~~clear~~
~~12:00~~	~~1~~	~~6~~	~~200~~	~~16.61~~	~~7.0~~	~~23.64~~	~~123.2~~	~~6.590~~	~~0.68~~	~~165.6~~	~~clear~~
~~12:05~~	~~1~~	~~7~~	~~200~~	~~16.68~~	~~6.943~~	~~23.38~~	~~124.7~~	~~6.646~~	~~0.79~~	~~164.9~~	~~clear~~
sample MW-U2											

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Tracy / Geosyntec				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 12:03		SAMPLING ENDED AT: 12:35	
PUMP OR TUBING DEPTH IN WELL (feet): _____				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y Filtration Equipment Type: N			FILTER SIZE: _____ μm		
FIELD DECONTAMINATION: PUMP Y N				TUBING Y N (replaced)				DUPLICATE: Y N			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	HDPE	1.9L	HNO3	----	6.995	9315, 9320, Ra226, Ra228	APP	250
	1	HDPE	1.0L	NONE	----	6.995	SM4500, 2540C	APP	250
	1	HDPE	0.25L	HNO3	----	6.995	6010D, 6020B	APP	250

FIELD SAMPLING CONDITIONS:

- Well Sign Present: **X** Yes _____ No
- Well Access: **Good**
- Sampling & Purging Equipment Condition: **Good**
- Site Condition that may Affect Sampling Present? _____ Yes (describe below) **X** No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION		SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796	
WELL NO: MW-04		SAMPLE ID: MW-04-2025022	
		DATE: 10/22/25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 14.91 feet to 24.91 feet	STATIC DEPTH TO WATER (feet): 13.26	PURGE PUMP TYPE OR BAILER: peri PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (24.91 feet - 13.26 feet) X 0.16 gallons/foot = 2.664 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				

INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 24.91			FINAL PUMP OR TUBING DEPTH IN WELL (feet): 24.91			PURGING INITIATED AT: 13:05		PURGING ENDED AT: 14:05		TOTAL VOLUME PURGED (gallons): 12	
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) µmhos/cm or µS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
13:10	1	1	200	14.64	7.275	22.57	226.5	3.293	19.8	116.3	low
13:15	1	2	200	15.50	7.325	21.34	235.1	3.193	12.5	118.2	
13:20	1	3	200	16.16	7.358	20.69	238.1	3.038	9.86	164.1	
13:25	1	4	200	16.78	7.371	20.79	240.0	2.921	7.32	163.0	
13:30	1	5	200	17.14	7.399	20.75	239.3	2.703	5.31	157.9	
13:35	1	6	200	17.44	7.427	20.74	237.6	2.485	4.89	153.2	
13:40	1	7	200	17.76	7.454	20.56	237.7	2.397	4.34	147.8	
13:45	1	8	200	17.92	7.491	20.30	240.0	2.287	3.72	133.1	
13:50	1	9	200	18.12	7.529	20.21	241.9	2.126	2.65	117.4	
13:55	1	10	200	18.35	7.555	20.12	239.4	2.116	2.23	99.6	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Tracy / GCO				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>			SAMPLING INITIATED AT: 14:05		SAMPLING ENDED AT: 14:35	
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ (N)		FILTER SIZE: _____ µm		
FIELD DECONTAMINATION: PUMP Y ☒ (N)				TUBING Y ☒ (N replaced)		DUPLICATE: Y ☒ (N)				
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLIN G EQUIPME NT CODE	SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH				
	1	HDPE	1.9L	HNO3	----	7.62	9315, 9320, Ra226, Ra228	APP	250	
	1	HDPE	1.0L	NONE	----	7.62	SM4500, 2540C	APP	250	
	1	HDPE	0.25L	HNO3	----	7.62	6010D, 6020B	APP	250	

FIELD SAMPLING CONDITIONS:

- Well Sign Present: ☒ Yes ☐ No
- Well Access: Good
- Sampling & Purging Equipment Condition: Good
- Site Condition that may Affect Sampling Present? ☐ Yes (describe below) ☒ No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION		SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796	
WELL NO: MW-04	SAMPLE ID: MW-04-20251022	DATE: 10/22/23	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Jacob Tracy / Geo</i>				SAMPLER(S) SIGNATURE(S): <i>Jacob Tracy</i>			SAMPLING INITIATED AT: <i>14:03</i>		SAMPLING ENDED AT: <i>14:33</i>			
PUMP OR TUBING DEPTH IN WELL (feet):				TUBING MATERIAL CODE: LDPE			FIELD-FILTERED: Y <i>(N)</i>		FILTER SIZE: ____ µm			
FIELD DECONTAMINATION: PUMP Y <i>(N)</i>				TUBING Y <i>(N (replaced))</i>			DUPLICATE: Y <i>(N)</i>					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
	1	HDPE	1.9L	HNO3	----	<i>7.62</i>	9315, 9320, Ra226, Ra228		APP		250	
	1	HDPE	1.0L	NONE	----	<i>7.62</i>	SM4500, 2540C		APP		250	
	1	HDPE	0.25L	HNO3	----	<i>7.62</i>	6010D, 6020B		APP		250	

FIELD SAMPLING CONDITIONS:

1. Well Sign Present: X Yes _____ No
2. Well Access: Good
3. Sampling & Purging Equipment Condition: Good
4. Site Condition that may Affect Sampling Present? _____ Yes (describe below) X No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** 0.2 mg/L or 10% change in saturation (whichever is greater) **Turbidity:** readings < 10 NTU; **ORP:** $+ 20$ mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION	SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796
WELL NO.: MW-D5	SAMPLE ID: MW-D5-20251022
DATE: 10/22/25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 10.38	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (36.05 feet - 10.38 feet) X 0.16 gallons/foot = 4.10 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 29	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 29	PURGING INITIATED AT: 1312	PURGING ENDED AT: 1423	TOTAL VOLUME PURGED (gallons): 9

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
1312	1	1	200	10.56	6.367	25.26	237.4	5.934	4.81	327.2	clear
1317	1	2	200	10.55	6.766	24.74	254.7	5.913	9.78	86	
1322	1	3	200	10.51	6.744	24.39	253.5	5.946	5.34	91.1	
1327	1	4	200	10.53	6.783	24.35	255.0	5.907	2.86	90.6	
1332	1	5	200	10.51	6.772	24.28	257.6	5.879	2.58	79.3	
1337	1	6	200	10.52	6.787	24.34	259.6	5.854	2.81	65.8	
1342	1	7	200	10.52	6.796	24.37	260.0	5.817	2.34	74.1	
1347	1	8	200	10.50	6.796	24.36	260.0	5.781	2.13	76.7	
1352	1	9	200	10.49	6.791	24.32	260.1	5.780	2.28	72.8	✓

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Yongli Wang (Geosynce)				SAMPLER(S) SIGNATURE(S): Yongli Wang				SAMPLING INITIATED AT: 1353		SAMPLING ENDED AT:	
PUMP OR TUBING DEPTH IN WELL (feet): 29				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ N ☐ Filtration Equipment Type:		FILTER SIZE: _____ μm			
FIELD DECONTAMINATION: PUMP Y ☒ N ☐ TUBING Y ☒ N (replaced) ☐				DUPLICATE: Y ☒ N ☐							

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-D5-20251022 ↓ ✓	1	HDPE	1.9L	HNO3	----	6.791	9315, 9320, Ra226, Ra228	APP	250
	1	HDPE	1.0L	NONE	----	6.791	SM4500, 2540C	APP	250
	1	HDPE	0.25L	HNO3	----	6.791	6010D, 6020B	APP	250

FIELD SAMPLING CONDITIONS:

- Well Sign Present: ☒ Yes ☐ No
- Well Access: Good
- Sampling & Purging Equipment Condition: Good
- Site Condition that may Affect Sampling Present? ☐ Yes (describe below) ☒ No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION		SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796	
WELL NO: MW-06	SAMPLE ID: MW-06-20251023	DATE: 10/23/25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: 27.3 feet to 37.5 feet	STATIC DEPTH TO WATER (feet): 24.14	PURGE PUMP TYPE OR BAILER: Bladder PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (37.3 feet - 24.14 feet) X 0.16 gallons/foot = 2.14 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5	PURGING INITIATED AT: 9:20	PURGING ENDED AT:	TOTAL VOLUME PURGED (gallons): 243

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
09:40	4	4	200	24.14	7.913	21.32	207.0	7.568	16.7	78.2	cloudy white
09:45	1	5	200	24.20	7.927	21.25	207.1	7.661	16.7	75.6	white
09:51	1	6	200	↓	7.939	20.46	207.1	7.781	11.0	80.0	white
09:56	1	7	200	↓	7.943	20.66	208.0	7.911	10.0	114.8	clear
09:59	0.5	7.5	200	24.18	7.944	21.37	205.6	7.758	9.9	99.1	
10:04	1	8.5	200	24.18	7.948	21.13	205.7	7.856	8.2	80.7	cloudy
10:09	1	9.5	200	24.17	7.952	20.79	206.3	7.940	6.3	116.0	clear
10:14	1	10.5	200	24.16	7.956	20.82	205.7	7.943	5.6	119.9	
10:19	1	11.5	200	24.17	7.957	20.84	204.9	7.963	6.1	121.4	
10:24	1	12.5	200	↓	7.957	20.94	204.0	7.921	5.1	122.2	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Tracy/Beaumont				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>		SAMPLING INITIATED AT: 11:24		SAMPLING ENDED AT: 11:54	
PUMP OR TUBING DEPTH IN WELL (feet): 37.5				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ (N)		FILTER SIZE: _____ μm	
FIELD DECONTAMINATION: PUMP Y ☒ (N) TUBING Y ☒ (N(replaced))				DUPLICATE: Y ☒ (N)					

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
	1	HDPE	1.9L	HNO3	----	7.95	9315, 9320, Ra226, Ra228	APP	250
	1	HDPE	1.0L	NONE	----	7.95	SM4500, 2540C	APP	250
	1	HDPE	0.25L	HNO3	----	7.93	6010D, 6020B	APP	250

FIELD SAMPLING CONDITIONS:

- Well Sign Present: ☒ Yes ☒ No
- Well Access: Good
- Sampling & Purging Equipment Condition: Good
- Site Condition that may Affect Sampling Present? _____ Yes (describe below) ☒ No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION		SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796	
WELL NO: MW-06		SAMPLE ID: MW-06-20251023	
		DATE: 10/23/25	

PURGING DATA

WELL DIAMETER (inches): 2		TUBING DIAMETER (inches): 0.25		WELL SCREEN INTERVAL DEPTH: 27.3 feet to 37.5 feet		STATIC DEPTH TO WATER (feet): 24.14		PURGE PUMP TYPE OR BAILER: Bladder PP			
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (37.5 feet - 24.14 feet) X 0.16 gallons/foot = 2.14 gallons											
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = _____ gallons + (_____ gallons/foot X _____ feet) + _____ gallons = _____ gallons											
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5		FINAL PUMP OR TUBING DEPTH IN WELL (feet): 32.5		PURGING INITIATED AT: 9:20		PURGING ENDED AT: -		TOTAL VOLUME PURGED (gallons): 24.5			
TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) (mg/L) or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
10:24	1	13.5	200	24.17	7.957	20.42	203.2	7.866	47.2	123.5	
10:34	1	14.5	200	24.17	7.953	21.02	202.8	7.758	40.8	124.7	
10:39	1	15.3	200	↓	7.948	21.02	201.5	7.637	35.8	126.2	
10:44	1	16.5	200	↓	7.950	21.10	200.5	7.546	30.2	127.2	
10:49	1	17.5	200	↓	7.972	21.15	200.0	7.604	24.2	128.2	
10:54	1	18.5	200	↓	7.994	21.10	199.1	7.485	23.2	129.2	
10:59	1	19.5	200	↓	7.952	21.18	198.3	7.471	18.3	129.6	
11:04	1	20.5	200	↓	7.944	21.11	197.2	7.356	15.7	130.7	
11:09	1	21.5	200	↓	7.952	21.28	197.1	7.405	17.2	131.8	
11:14	1	22.5	200	↓	7.951	21.27	196.5	7.363	14.5	133.7	
WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88											
TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016											
PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)											

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Jacob Tracy / GCU				SAMPLER(S) SIGNATURE(S): <i>[Signature]</i>				SAMPLING INITIATED AT: 11:24		SAMPLING ENDED AT: 11:54	
PUMP OR TUBING DEPTH IN WELL (feet): 37.5				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ Filtration Equipment Type: 0		FILTER SIZE: _____ μm			
FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ (replaced)				DUPLICATE: Y ☒							
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)		
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH					
	1	HDPE	1.9L	HNO3	----	7.95	9315, 9320, Ra226, Ra228	APP	250		
	1	HDPE	1.0L	NONE	----	7.95	SM4500, 2540C	APP	250		
	1	HDPE	0.25L	HNO3	----	7.95	6010D, 6020B	APP	250		
FIELD SAMPLING CONDITIONS:											
1. Well Sign Present: _____ Yes ☒ No ☒											
2. Well Access: <u>Good</u>											
3. Sampling & Purging Equipment Condition: <u>Good</u>											
4. Site Condition that may Affect Sampling Present? _____ Yes (describe below) ☒ No ☒											
MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)											
SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)											

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION		SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796	
WELL NO: <i>MW-06</i>	SAMPLE ID: <i>MW-06</i>	DATE: <i>10/23/2023</i>	

PURGING DATA

[illegible]

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Jacob Tracy / b-eo</i>				SAMPLER(S) SIGNATURE(S): <i>Jacob Tracy</i>			SAMPLING INITIATED AT: <i>11:24</i>		SAMPLING ENDED AT: <i>11:54</i>			
PUMP OR TUBING DEPTH IN WELL (feet): <i>37.5</i>				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ N		FILTER SIZE: _____ µm				
FIELD DECONTAMINATION: PUMP Y ☒ N				TUBING Y ☒ N (replaced)			DUPLICATE: Y ☒ N					
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD		SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH						
	1	HDPE	1.9L	HNO3	----	<i>7.95</i>	9315, 9320, Ra226, Ra228		APP		250	
	1	HDPE	1.0L	NONE	----	<i>7.95</i>	SM4500, 2540C		APP		250	
	1	HDPE	0.25L	HNO3	----	<i>7.95</i>	6010D, 6020B		APP		250	

FIELD SAMPLING CONDITIONS:

1. Well Sign Present: _____ Yes X No
2. Well Access: Good
3. Sampling & Purging Equipment Condition: Good
4. Site Condition that may Affect Sampling Present? _____ Yes (describe below) X No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump;
RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units **Specific Conductance:** $\pm 5\%$ **Dissolved Oxygen:** 0.2 mg/L or 10% change in saturation (whichever is greater) **Turbidity:** readings < 10 NTU **ORP:** $+ 20$ mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION	LOCATION: 961 Power Dam Road, Warwick, GA 31796
WELL NO: MW-D7	SAMPLE ID: MW-D7-20251023
DATE: 10/23/25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 855	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (27.03 feet - 855 feet) X 0.16 gallons/foot = 18.48 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.4	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.4	PURGING INITIATED AT: 0929	PURGING ENDED AT: 1045	TOTAL VOLUME PURGED (gallons): 6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
0929	1	1	200	8.41	7.356	19.01	371.6	1.581	0.74	79.2	clear
0934	1	2	200	9.12	7.342	21.09	368.5	2.288	1.23	71.8	↓
0939	1	3	200	10.03	7.432	21.49	364.5	2.199	2.97	78.4	
0944	1	4	200	10.38	7.435	21.78	366.2	2.176	2.50	69.3	
0949	1	5	200	10.52	7.439	21.95	364.8	2.154	2.44	62.7	
0954	1	6	200	10.73	7.443	22.15	366.8	2.148	2.35	56.0	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Yongle Wang / Crisp County				SAMPLER(S) SIGNATURE(S): Yongle Wang				SAMPLING INITIATED AT: 0954		SAMPLING ENDED AT: 1045	
PUMP OR TUBING DEPTH IN WELL (feet): 22.4				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y N Filtration Equipment Type: N		FILTER SIZE: _____ μm			
FIELD DECONTAMINATION: PUMP Y N				TUBING Y N (replaced)				DUPLICATE: Y N			

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-D7-20251023	1	HDPE	1.9L	HNO3	---	7.443	9315, 9320, Ra226, Ra228	APP	250
↓	1	HDPE	1.0L	NONE	---	7.443	SM4500, 2540C	APP	250
↓	1	HDPE	0.25L	HNO3	---	7.443	6010D, 6020B	APP	250

FIELD SAMPLING CONDITIONS:
 1. Well Sign Present: ☒ Yes ☐ No
 2. Well Access: Good
 3. Sampling & Purging Equipment Condition: Good
 4. Site Condition that may Affect Sampling Present? ☒ Yes (describe below) ☐ No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPF = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION	SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796
WELL NO: MW-D8	SAMPLE ID: MW-D8-20250523
DATE: 05/23/25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 9.13	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (27.69 feet - 9.13 feet) X 0.16 gallons/foot = 2.97 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.65	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.65	PURGING INITIATED AT: 1121	PURGING ENDED AT: 1220	TOTAL VOLUME PURGED (gallons): 6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
1121	1	1	200	10.81	7.040	25.31	379.8	1.531	2.74	17.8	clear
1126	1	2	200	10.91	7.449	21.21	408.5	0.245	0.56	-31.0	↓
1131	1	3	200	10.93	7.452	20.88	411.4	0.164	2.31	-51.1	
1136	1	4	200	10.95	7.461	20.76	411.1	0.131	2.18	-57.3	
1141	1	5	200	10.98	7.465	20.71	412.3	0.107	1.98	-57.2	
1146	1	6	200	10.97	7.463	20.70	411.9	0.097	2.05	-51.9	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./FT.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Yongle Wang / Crisp County				SAMPLER(S) SIGNATURE(S): Yongle Wang				SAMPLING INITIATED AT: 1147		SAMPLING ENDED AT: 1220	
PUMP OR TUBING DEPTH IN WELL (feet): 22.65				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ N ☐		FILTER SIZE: _____ μm			
FIELD DECONTAMINATION: PUMP Y ☒ TUBING Y ☒ (replaced)				DUPLICATE: Y ☒ N ☐				INTENDED ANALYSIS AND/OR METHOD			
SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)				SAMPLING EQUIPMENT CODE		SAMPLE PUMP FLOW RATE (mL per minute)	
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH	ANALYSIS AND/OR METHOD		EQUIPMENT CODE		FLOW RATE
↓	1	HDPE	1.9L	HNO3	----	7.463	9315, 9320, Ra226, Ra228		APP		250
	1	HDPE	1.0L	NONE	----	7.463	SM4500, 2540C		APP		250
	1	HDPE	0.25L	HNO3	----	7.463	6010D, 6020B		APP		250

FIELD SAMPLING CONDITIONS:

- Well Sign Present: ☒ Yes ☐ No
- Well Access: Good
- Sampling & Purging Equipment Condition: Good
- Site Condition that may Affect Sampling Present? ☐ Yes (describe below) ☒ No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA: FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)
 pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

TD=27.69

GROUNDWATER SAMPLING LOG

SITE NAME: CRISP COUNTY POWER COMMISSION	SITE LOCATION: 961 Power Dam Road, Warwick, GA 31796
WELL NO: MW-D9	SAMPLE ID: MW-D9-20251023
DATE: 10/23/25	

PURGING DATA

WELL DIAMETER (inches): 2	TUBING DIAMETER (inches): 0.25	WELL SCREEN INTERVAL DEPTH: feet to feet	STATIC DEPTH TO WATER (feet): 11.25	PURGE PUMP TYPE OR BAILER: PP
WELL VOLUME PURGE: 1 WELL VOLUME = (TOTAL WELL DEPTH - STATIC DEPTH TO WATER) X WELL CAPACITY (only fill out if applicable) = (27.28 feet - 11.25 feet) X 0.16 gallons/foot = 2.56 gallons				
EQUIPMENT VOLUME PURGE: 1 EQUIPMENT VOL. = PUMP VOLUME + (TUBING CAPACITY X TUBING LENGTH) + FLOW CELL VOLUME (only fill out if applicable) = gallons + (gallons/foot X feet) + gallons = gallons				
INITIAL PUMP OR TUBING DEPTH IN WELL (feet): 22.31	FINAL PUMP OR TUBING DEPTH IN WELL (feet): 22.31	PURGING INITIATED AT: 1234	PURGING ENDED AT: 1335	TOTAL VOLUME PURGED (gallons): 6

TIME	VOLUME PURGED (gallons)	CUMUL. VOLUME PURGED (gallons)	PURGE RATE (gpm)	DEPTH TO WATER (feet)	pH (standard units)	TEMP. (°C)	COND. (circle units) μmhos/cm or μS/cm	DISSOLVED OXYGEN (circle units) mg/L or % saturation	TURBIDITY (NTUs)	ORP (mv)	COLOR (describe)
1234	1	1	200	12.18	7.645	22.28	281.3	0.645	1.27	-50.9	clear
1234	1	2	200	12.51	7.678	21.01	281.5	0.202	0.55	-70.9	↓
1244	1	3	200	12.78	7.681	20.84	288.6	0.176	0.32	-12.1	
1244	1	4	200	12.92	7.683	20.84	287.5	0.164	0.69	-12.57	
1254	1	5	200	13.13	7.680	20.83	287.9	0.158	0.83	-12.65	
1254	1	6	200	13.43	7.680	20.84	289.3	0.147	0.92	-12.8	

WELL CAPACITY (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 TUBING INSIDE DIA. CAPACITY (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016
 PURGING EQUIPMENT CODES: B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; PP = Peristaltic Pump; O = Other (Specify)

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: Yongli Wang / H&B Sampler				SAMPLER(S) SIGNATURE(S): <i>Yongli Wang</i>				SAMPLING INITIATED AT: 1259		SAMPLING ENDED AT: 1335	
PUMP OR TUBING DEPTH IN WELL (feet): 22.31				TUBING MATERIAL CODE: LDPE		FIELD-FILTERED: Y ☒ N ☐		Filtration Equipment Type: 0			
FIELD DECONTAMINATION: PUMP Y ☒ N ☐ TUBING Y ☒ N (replaced) ☐				DUPLICATE: Y ☒ N ☐							

SAMPLE CONTAINER SPECIFICATION				SAMPLE PRESERVATION (including wet ice)			INTENDED ANALYSIS AND/OR METHOD	SAMPLING EQUIPMENT CODE	SAMPLE PUMP FLOW RATE (mL per minute)
SAMPLE ID CODE	# CONTAINERS	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOL ADDED IN FIELD (mL)	FINAL pH			
MW-D9-20251023	1	HDPE	1.9L	HNO3	----	7.680	9315, 9320, Ra226, Ra228	APP	250
↓	1	HDPE	1.0L	NONE	----	7.680	SM4500, 2540C	APP	250
↓	1	HDPE	0.25L	HNO3	----	7.680	6010D, 6020B	APP	250

FIELD SAMPLING CONDITIONS:

1. Well Sign Present: ☒ Yes ☐ No
2. Well Access: Good
3. Sampling & Purging Equipment Condition: Good
4. Site Condition that may Affect Sampling Present? ☒ Yes (describe below) ☐ No

MATERIAL CODES: AG = Amber Glass; CG = Clear Glass; HDPE = High Density Polyethylene; LDPE = Low Density Polyethylene; PP = Polypropylene; S = Silicone; T = Teflon; O = Other (Specify)

SAMPLING EQUIPMENT CODES: APP = After (Through) Peristaltic Pump; B = Bailer; BP = Bladder Pump; ESP = Electric Submersible Pump; RFPP = Reverse Flow Peristaltic Pump; SM = Straw Method (Tubing Gravity Drain); O = Other (Specify)

NOTES: 1. STABILIZATION CRITERIA FOR RANGE OF VARIATION OF LAST THREE CONSECUTIVE READINGS (SESDPROC-301-R4)

pH: ± 0.1 units Specific Conductance: ± 5% Dissolved Oxygen: 0.2 mg/L or 10% change in saturation (whichever is greater) Turbidity: readings ≤ 10 NTU; ORP: ± 20 mV.

TD=27.28

EQUIPMENT CALIBRATION LOG

Field Technician Jacob Truay Date 10/22/23 Time (start) 10:40 Time (finish) 11:23
 smarTroll SN 909630 Turbidity Meter Type hach SN 220900000086
 Weather Conditions Sunny, clear Facility and Unit _____ Project No 6W6132

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	2401428 01/26	14.73	4490	4037	4490	+/- 5 %	☒ Yes ☐ No	
pH (4)			4.00	3.82	4.2	+/- 0.1 SU	☐ Yes ☐ No	
Mid-Day pH (4) check			4.00			+/- 0.1 SU	☐ Yes ☐ No	
pH (7)	24014266 01/2026	19.97	7.00	6.92	7.0	+/- 0.1 SU	☐ Yes ☐ No	
Mid-Day pH (7) check			7.00			+/- 0.1 SU	☐ Yes ☐ No	
pH (10)	24011537 01/26	19.77	10.00	9.86	10	+/- 0.1 SU	☐ Yes ☐ No	
Mid-Day pH (10) check			10.00			+/- 0.1 SU	☐ Yes ☐ No	
ORP (mV)	22440162 01/26	19.99	228	247.2	228	+/- 20mV	☐ Yes ☐ No	
DO (%) (1pt, 100% water saturated air cal)			100	113.6	100	+/- 6 % saturation	☐ Yes ☐ No	
Turbidity 0 NTU			0			+/- 0.5 NTU	☐ Yes ☐ No	
Turbidity 1 NTU			~~20~~ 100	20.1		+/- 0.5 NTU	☐ Yes ☐ No	
Turbidity 10 NTU			~~10.00~~ 100	100		+/- 0.5 NTU	☐ Yes ☐ No	

800 789

EQUIPMENT CALIBRATION LOG

Field Technician Jacob Fracy Date 10/23/25 Time (start) 8:15 Time (finish) 8:30
 smarTroll SN 989630 Turbidity Meter Type Hach SN 22096000086
 Weather Conditions Sunny, clear Facility and Unit _____ Project No GW0152

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	2401428 01/20	11.84	4490	4470	4490	+/- 5 %	Yes No	
pH (4)			4.00	3.92	4	+/- 0.1 SU	Yes No	
Mid-Day pH (4) check			4.00	6.998	7	+/- 0.1 SU	Yes No	
pH (7)	24014266 01/26	12.68	7.00			+/- 0.1 SU	Yes No	
Mid-Day pH (7) check			7.00			+/- 0.1 SU	Yes No	
pH (10)	24011537 01/26	12.89	10.00	10.09	10.00	+/- 0.1 SU	Yes No	
Mid-Day pH (10) check			10.00			+/- 0.1 SU	Yes No	
ORP (mV)	2249402 01/26	12.93	228	234	228	+/- 20mV	Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	97.44.72	100	+/- 6 % saturation	Yes No	
Turbidity 0 NTU			20	20.7		+/- 0.5 NTU	Yes No	
Turbidity 1 NTU			1.00			+/- 0.5 NTU	Yes No	
Turbidity 10 NTU			10.00	10.4	-	+/- 0.5 NTU	Yes No	

800
100
812
102

EQUIPMENT CALIBRATION LOG

Field Technician Yongji Wang Date 10/22/25 Time (start) 1037 Time (finish) 1100
 smarTroll SN 883553 Turbidity Meter Type HACH 21002 SN 2306000900
 Weather Conditions Sunny Facility and Unit CPL Project No GW6102

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	24014218	21.32	4490	3400	4485	+/- 5 %	✓ Yes No	
pH (4)	01/2026		4.00	4.072	4.002	+/- 0.1 SU	✓ Yes No	
Mid-Day pH (4) check			4.00			+/- 0.1 SU	Yes No	
pH (7)	24014266 01/2026	21.36	7.00	7.254	7.001	+/- 0.1 SU	✓ Yes No	
Mid-Day pH (7) check			7.00			+/- 0.1 SU	Yes No	
pH (10)	24011537 01/2026	21.97	10.00	9.58	10.06	+/- 0.1 SU	✓ Yes No	
Mid-Day pH (10) check			10.00			+/- 0.1 SU	Yes No	
ORP (mV)	22490162 01/2026	21.06	228	223.6	227.3	+/- 20mV	✓ Yes No	
DO (%) (1pt, 100% water saturated air cal)			100	109	99	+/- 6 % saturation	✓ Yes No	
Turbidity 0 NTU			0/10	10.9	10.1	+/- 0.5 NTU	✓ Yes No	
Turbidity 1 NTU			1.0020	18.6	20	+/- 0.5 NTU	✓ Yes No	
Turbidity 10 NTU			10.00 100	121	101	+/- 0.5 NTU	✓ Yes No	

EQUIPMENT CALIBRATION LOG

Field Technician Yongli Wang Date 10/23/25 Time (start) 0800 Time (finish) 0830
 SmartTroll SN 883553 Turbidity Meter Type HACH 2100A SN 230600000990
 Weather Conditions Sunny Facility and Unit C4PL Project No GW6152

Calibration log

	Standard Lot # / Date of Expiration	Temp of Standard (°C)	Value of Standard	Initial Reading	Post-Cal Reading	Acceptable Range	Pass?	Comments
Specific Conductance (µS/cm)	24014018	11.89	4490	4447	/	+/- 5 %	Yes ☒ No ☐	
pH (4)	01/2026		4.00	3.887	4.000	+/- 0.1 SU	Yes ☒ No ☐	
Mid-Day pH (4) check			4.00			+/- 0.1 SU	Yes ☐ No ☐	
pH (7)	24014266 01/2026	12.53	7.00	6.976	7.046	+/- 0.1 SU	Yes ☒ No ☐	
Mid-Day pH (7) check			7.00			+/- 0.1 SU	Yes ☐ No ☐	
pH (10)	24011537 01/2026	12.70	10.00	9.893	10.00	+/- 0.1 SU	Yes ☒ No ☐	
Mid-Day pH (10) check			10.00			+/- 0.1 SU	Yes ☐ No ☐	
ORP (mV)	22490162 01/2026	12.49	228	242.4	228	+/- 20mV	Yes ☒ No ☐	
DO (%) (1pt, 100% water saturated air cal)			100	97.44	99.91	+/- 6 % saturation	Yes ☒ No ☐	
Turbidity 0 NTU			0.10	8.21	9.81	+/- 0.5 NTU	Yes ☒ No ☐	
Turbidity 1 NTU			1.00 ₂₀	20.1	/	+/- 0.5 NTU	Yes ☒ No ☐	
Turbidity 10 NTU			10.00 ₁₀₀	99.8	/	+/- 0.5 NTU	Yes ☒ No ☐	

APPENDIX B

Laboratory Analytical Reports

April 2025

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

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JOB DESCRIPTION

Crisp County Power Commission

JOB NUMBER

400-275211-1

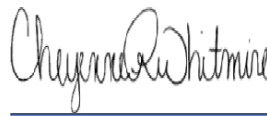
Eurofins Pensacola

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Case Narrative

Client: Geosyntec Consultants Inc
Project: Crisp County Power Commission

Job ID: 400-275211-1

Job ID: 400-275211-1

Eurofins Pensacola

Job Narrative 400-275211-1

Receipt

The samples were received on 5/2/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.0° C.

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-708010 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Eurofins Pensacola

Detection Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Client Sample ID: MW-U1-20250429

Lab Sample ID: 400-275211-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0020	J	0.0025	0.00089	mg/L	1		6020B	Total Recoverable
Calcium	38		0.25	0.14	mg/L	1		6020B	Total Recoverable
Chromium	0.0013	J	0.0025	0.0012	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	110		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	1.6	J	2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.060	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Field pH	7.89				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-U2-20250429

Lab Sample ID: 400-275211-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.011		0.0025	0.00089	mg/L	1		6020B	Total Recoverable
Calcium	13		0.25	0.14	mg/L	1		6020B	Total Recoverable
Lithium	0.0021	J	0.0025	0.0020	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	66		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	1.4	J	2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.038	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	19		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	7.17				SU	1		Field Sampling	Total/NA

Client Sample ID: EB-20250430

Lab Sample ID: 400-275211-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0031		0.0025	0.0020	mg/L	1		6020B	Total Recoverable

Client Sample ID: FB-20250430

Lab Sample ID: 400-275211-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lithium	0.0030		0.0025	0.0020	mg/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PEN
SM 4500 Cl- E	Chloride, Total	SM	EET PEN
SM 4500 F C	Fluoride	SM	EET PEN
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
Field Sampling	Field Sampling	EPA	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-275211-1	MW-U1-20250429	Water	04/29/25 12:28	05/02/25 10:10
400-275211-2	MW-U2-20250429	Water	04/29/25 12:22	05/02/25 10:10
400-275211-3	EB-20250430	Water	04/30/25 11:48	05/02/25 10:10
400-275211-4	FB-20250430	Water	04/30/25 11:37	05/02/25 10:10

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Client Sample ID: MW-U1-20250429

Lab Sample ID: 400-275211-1

Date Collected: 04/29/25 12:28

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/05/25 05:26	05/05/25 17:58	1
Arsenic	ND		0.0013	0.00086	mg/L		05/05/25 05:26	05/05/25 17:58	1
Barium	0.0020	J	0.0025	0.00089	mg/L		05/05/25 05:26	05/05/25 17:58	1
Beryllium	ND		0.0020	0.00020	mg/L		05/05/25 05:26	05/05/25 17:58	1
Boron	ND		0.050	0.022	mg/L		05/05/25 05:26	05/05/25 17:58	1
Cadmium	ND		0.0010	0.000078	mg/L		05/05/25 05:26	05/05/25 17:58	1
Calcium	38		0.25	0.14	mg/L		05/05/25 05:26	05/05/25 17:58	1
Chromium	0.0013	J	0.0025	0.0012	mg/L		05/05/25 05:26	05/05/25 17:58	1
Cobalt	ND		0.0025	0.00022	mg/L		05/05/25 05:26	05/05/25 17:58	1
Lead	ND		0.0013	0.00021	mg/L		05/05/25 05:26	05/05/25 17:58	1
Lithium	ND		0.0025	0.0020	mg/L		05/05/25 05:26	05/07/25 09:08	1
Molybdenum	ND		0.010	0.00086	mg/L		05/05/25 05:26	05/05/25 17:58	1
Selenium	ND		0.0013	0.00099	mg/L		05/05/25 05:26	05/05/25 17:58	1
Thallium	ND		0.00050	0.00026	mg/L		05/05/25 05:26	05/05/25 17:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000080	mg/L		05/05/25 12:59	05/05/25 17:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	110		5.0	5.0	mg/L			05/03/25 16:40	1
Chloride (SM 4500 Cl- E)	1.6	J	2.0	1.4	mg/L			05/09/25 11:05	1
Fluoride (SM 4500 F C)	0.060	J	0.10	0.022	mg/L			05/05/25 12:30	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			05/08/25 13:47	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.89				SU			04/29/25 11:28	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Client Sample ID: MW-U2-20250429

Lab Sample ID: 400-275211-2

Date Collected: 04/29/25 12:22

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/05/25 05:26	05/05/25 18:00	1
Arsenic	ND		0.0013	0.00086	mg/L		05/05/25 05:26	05/05/25 18:00	1
Barium	0.011		0.0025	0.00089	mg/L		05/05/25 05:26	05/05/25 18:00	1
Beryllium	ND		0.0020	0.00020	mg/L		05/05/25 05:26	05/05/25 18:00	1
Boron	ND		0.050	0.022	mg/L		05/05/25 05:26	05/05/25 18:00	1
Cadmium	ND		0.0010	0.000078	mg/L		05/05/25 05:26	05/05/25 18:00	1
Calcium	13		0.25	0.14	mg/L		05/05/25 05:26	05/05/25 18:00	1
Chromium	ND		0.0025	0.0012	mg/L		05/05/25 05:26	05/05/25 18:00	1
Cobalt	ND		0.0025	0.00022	mg/L		05/05/25 05:26	05/05/25 18:00	1
Lead	ND		0.0013	0.00021	mg/L		05/05/25 05:26	05/05/25 18:00	1
Lithium	0.0021	J	0.0025	0.0020	mg/L		05/05/25 05:26	05/07/25 09:10	1
Molybdenum	ND		0.010	0.00086	mg/L		05/05/25 05:26	05/05/25 18:00	1
Selenium	ND		0.0013	0.00099	mg/L		05/05/25 05:26	05/05/25 18:00	1
Thallium	ND		0.00050	0.00026	mg/L		05/05/25 05:26	05/05/25 18:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000080	mg/L		05/05/25 12:59	05/05/25 17:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	66		5.0	5.0	mg/L			05/03/25 16:40	1
Chloride (SM 4500 Cl- E)	1.4	J	2.0	1.4	mg/L			05/09/25 11:04	1
Fluoride (SM 4500 F C)	0.038	J	0.10	0.022	mg/L			05/05/25 12:33	1
Sulfate (SM 4500 SO4 E)	19		5.0	1.4	mg/L			05/08/25 13:48	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.17				SU			04/29/25 11:22	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Client Sample ID: EB-20250430

Lab Sample ID: 400-275211-3

Date Collected: 04/30/25 11:48

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/05/25 05:26	05/05/25 17:47	1
Arsenic	ND		0.0013	0.00086	mg/L		05/05/25 05:26	05/05/25 17:47	1
Barium	ND		0.0025	0.00089	mg/L		05/05/25 05:26	05/05/25 17:47	1
Beryllium	ND		0.0020	0.00020	mg/L		05/05/25 05:26	05/05/25 17:47	1
Boron	ND		0.050	0.022	mg/L		05/05/25 05:26	05/05/25 17:47	1
Cadmium	ND		0.0010	0.000078	mg/L		05/05/25 05:26	05/05/25 17:47	1
Calcium	ND		0.25	0.14	mg/L		05/05/25 05:26	05/05/25 17:47	1
Chromium	ND		0.0025	0.0012	mg/L		05/05/25 05:26	05/05/25 17:47	1
Cobalt	ND		0.0025	0.00022	mg/L		05/05/25 05:26	05/05/25 17:47	1
Lead	ND		0.0013	0.00021	mg/L		05/05/25 05:26	05/05/25 17:47	1
Lithium	0.0031		0.0025	0.0020	mg/L		05/05/25 05:26	05/07/25 09:00	1
Molybdenum	ND		0.010	0.00086	mg/L		05/05/25 05:26	05/05/25 17:47	1
Selenium	ND		0.0013	0.00099	mg/L		05/05/25 05:26	05/05/25 17:47	1
Thallium	ND		0.00050	0.00026	mg/L		05/05/25 05:26	05/05/25 17:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000080	mg/L		05/05/25 12:59	05/05/25 17:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	ND		5.0	5.0	mg/L			05/03/25 16:40	1
Chloride (SM 4500 Cl- E)	ND		2.0	1.4	mg/L			05/09/25 11:03	1
Fluoride (SM 4500 F C)	ND		0.10	0.022	mg/L			05/05/25 12:36	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			05/08/25 13:48	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Client Sample ID: FB-20250430

Lab Sample ID: 400-275211-4

Date Collected: 04/30/25 11:37

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/05/25 05:26	05/05/25 17:50	1
Arsenic	ND		0.0013	0.00086	mg/L		05/05/25 05:26	05/05/25 17:50	1
Barium	ND		0.0025	0.00089	mg/L		05/05/25 05:26	05/05/25 17:50	1
Beryllium	ND		0.0020	0.00020	mg/L		05/05/25 05:26	05/05/25 17:50	1
Boron	ND		0.050	0.022	mg/L		05/05/25 05:26	05/05/25 17:50	1
Cadmium	ND		0.0010	0.000078	mg/L		05/05/25 05:26	05/05/25 17:50	1
Calcium	ND		0.25	0.14	mg/L		05/05/25 05:26	05/05/25 17:50	1
Chromium	ND		0.0025	0.0012	mg/L		05/05/25 05:26	05/05/25 17:50	1
Cobalt	ND		0.0025	0.00022	mg/L		05/05/25 05:26	05/05/25 17:50	1
Lead	ND		0.0013	0.00021	mg/L		05/05/25 05:26	05/05/25 17:50	1
Lithium	0.0030		0.0025	0.0020	mg/L		05/05/25 05:26	05/07/25 09:06	1
Molybdenum	ND		0.010	0.00086	mg/L		05/05/25 05:26	05/05/25 17:50	1
Selenium	ND		0.0013	0.00099	mg/L		05/05/25 05:26	05/05/25 17:50	1
Thallium	ND		0.00050	0.00026	mg/L		05/05/25 05:26	05/05/25 17:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000080	mg/L		05/05/25 12:59	05/05/25 17:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	ND		5.0	5.0	mg/L			05/03/25 16:40	1
Chloride (SM 4500 Cl- E)	ND		2.0	1.4	mg/L			05/09/25 11:02	1
Fluoride (SM 4500 F C)	ND		0.10	0.022	mg/L			05/05/25 12:39	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			05/08/25 13:49	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Qualifiers

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Client Sample ID: MW-U1-20250429

Lab Sample ID: 400-275211-1

Date Collected: 04/29/25 12:28

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881880	BWR	EET SAV	05/05/25 17:58
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881964	BWR	EET SAV	05/07/25 09:08
Total/NA	Prep	7470A			881859	MG	EET SAV	05/05/25 12:59
Total/NA	Analysis	7470A		1	881883	BJB	EET SAV	05/05/25 17:12
Total/NA	Analysis	SM 2540C		1	708010	EJT	EET PEN	05/03/25 16:40
Total/NA	Analysis	SM 4500 CI- E		1	708680	CJK	EET PEN	05/09/25 11:05
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 12:30
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:47
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/29/25 11:28

Client Sample ID: MW-U2-20250429

Lab Sample ID: 400-275211-2

Date Collected: 04/29/25 12:22

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881880	BWR	EET SAV	05/05/25 18:00
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881964	BWR	EET SAV	05/07/25 09:10
Total/NA	Prep	7470A			881859	MG	EET SAV	05/05/25 12:59
Total/NA	Analysis	7470A		1	881883	BJB	EET SAV	05/05/25 17:02
Total/NA	Analysis	SM 2540C		1	708010	EJT	EET PEN	05/03/25 16:40
Total/NA	Analysis	SM 4500 CI- E		1	708680	CJK	EET PEN	05/09/25 11:04
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 12:33
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:48
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/29/25 11:22

Client Sample ID: EB-20250430

Lab Sample ID: 400-275211-3

Date Collected: 04/30/25 11:48

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881880	BWR	EET SAV	05/05/25 17:47
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881964	BWR	EET SAV	05/07/25 09:00
Total/NA	Prep	7470A			881859	MG	EET SAV	05/05/25 12:59
Total/NA	Analysis	7470A		1	881883	BJB	EET SAV	05/05/25 17:21
Total/NA	Analysis	SM 2540C		1	708010	EJT	EET PEN	05/03/25 16:40
Total/NA	Analysis	SM 4500 CI- E		1	708680	CJK	EET PEN	05/09/25 11:03
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 12:36

Eurofins Pensacola

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Client Sample ID: EB-20250430

Lab Sample ID: 400-275211-3

Date Collected: 04/30/25 11:48

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:48

Client Sample ID: FB-20250430

Lab Sample ID: 400-275211-4

Date Collected: 04/30/25 11:37

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881880	BWR	EET SAV	05/05/25 17:50
Total Recoverable	Prep	3005A			881808	RR	EET SAV	05/05/25 05:26
Total Recoverable	Analysis	6020B		1	881964	BWR	EET SAV	05/07/25 09:06
Total/NA	Prep	7470A			881859	MG	EET SAV	05/05/25 12:59
Total/NA	Analysis	7470A		1	881883	BJB	EET SAV	05/05/25 17:14
Total/NA	Analysis	SM 2540C		1	708010	EJT	EET PEN	05/03/25 16:40
Total/NA	Analysis	SM 4500 CI- E		1	708680	CJK	EET PEN	05/09/25 11:02
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 12:39
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:49

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Metals

Prep Batch: 881808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total Recoverable	Water	3005A	
400-275211-2	MW-U2-20250429	Total Recoverable	Water	3005A	
400-275211-3	EB-20250430	Total Recoverable	Water	3005A	
400-275211-4	FB-20250430	Total Recoverable	Water	3005A	
MB 680-881808/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-881808/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-275207-C-3-B MS	Matrix Spike	Total Recoverable	Water	3005A	
400-275207-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 881859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	7470A	
400-275211-2	MW-U2-20250429	Total/NA	Water	7470A	
400-275211-3	EB-20250430	Total/NA	Water	7470A	
400-275211-4	FB-20250430	Total/NA	Water	7470A	
MB 680-881859/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-881859/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-275207-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	
400-275207-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	

Analysis Batch: 881880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total Recoverable	Water	6020B	881808
400-275211-2	MW-U2-20250429	Total Recoverable	Water	6020B	881808
400-275211-3	EB-20250430	Total Recoverable	Water	6020B	881808
400-275211-4	FB-20250430	Total Recoverable	Water	6020B	881808
MB 680-881808/1-A	Method Blank	Total Recoverable	Water	6020B	881808
LCS 680-881808/2-A	Lab Control Sample	Total Recoverable	Water	6020B	881808
400-275207-C-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	881808
400-275207-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	881808

Analysis Batch: 881883

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	7470A	881859
400-275211-2	MW-U2-20250429	Total/NA	Water	7470A	881859
400-275211-3	EB-20250430	Total/NA	Water	7470A	881859
400-275211-4	FB-20250430	Total/NA	Water	7470A	881859
MB 680-881859/1-A	Method Blank	Total/NA	Water	7470A	881859
LCS 680-881859/2-A	Lab Control Sample	Total/NA	Water	7470A	881859
400-275207-C-4-C MS	Matrix Spike	Total/NA	Water	7470A	881859
400-275207-C-4-D MSD	Matrix Spike Duplicate	Total/NA	Water	7470A	881859

Analysis Batch: 881964

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total Recoverable	Water	6020B	881808
400-275211-2	MW-U2-20250429	Total Recoverable	Water	6020B	881808
400-275211-3	EB-20250430	Total Recoverable	Water	6020B	881808
400-275211-4	FB-20250430	Total Recoverable	Water	6020B	881808
MB 680-881808/1-A	Method Blank	Total Recoverable	Water	6020B	881808
LCS 680-881808/2-A	Lab Control Sample	Total Recoverable	Water	6020B	881808
400-275207-C-3-B MS	Matrix Spike	Total Recoverable	Water	6020B	881808

Eurofins Pensacola

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Metals (Continued)

Analysis Batch: 881964 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275207-C-3-C MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	881808

General Chemistry

Analysis Batch: 708010

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	SM 2540C	
400-275211-2	MW-U2-20250429	Total/NA	Water	SM 2540C	
400-275211-3	EB-20250430	Total/NA	Water	SM 2540C	
400-275211-4	FB-20250430	Total/NA	Water	SM 2540C	
MB 400-708010/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-708010/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-275207-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 708098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	SM 4500 F C	
400-275211-2	MW-U2-20250429	Total/NA	Water	SM 4500 F C	
400-275211-3	EB-20250430	Total/NA	Water	SM 4500 F C	
400-275211-4	FB-20250430	Total/NA	Water	SM 4500 F C	
MB 400-708098/9	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-708098/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MRL 400-708098/10	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-275223-B-3 DU	Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 708576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	SM 4500 SO4 E	
400-275211-2	MW-U2-20250429	Total/NA	Water	SM 4500 SO4 E	
400-275211-3	EB-20250430	Total/NA	Water	SM 4500 SO4 E	
400-275211-4	FB-20250430	Total/NA	Water	SM 4500 SO4 E	
MB 400-708576/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-708576/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-708576/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
240-223608-A-5 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
240-223608-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 708680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	SM 4500 Cl- E	
400-275211-2	MW-U2-20250429	Total/NA	Water	SM 4500 Cl- E	
400-275211-3	EB-20250430	Total/NA	Water	SM 4500 Cl- E	
400-275211-4	FB-20250430	Total/NA	Water	SM 4500 Cl- E	
MB 400-708680/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-708680/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-708680/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-275211-2 MS	MW-U2-20250429	Total/NA	Water	SM 4500 Cl- E	
400-275211-2 MSD	MW-U2-20250429	Total/NA	Water	SM 4500 Cl- E	

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Field Service / Mobile Lab

Analysis Batch: 708168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	Field Sampling	
400-275211-2	MW-U2-20250429	Total/NA	Water	Field Sampling	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-881808/1-A

Matrix: Water

Analysis Batch: 881880

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/05/25 05:26	05/05/25 17:27	1
Arsenic	ND		0.0013	0.00086	mg/L		05/05/25 05:26	05/05/25 17:27	1
Barium	ND		0.0025	0.00089	mg/L		05/05/25 05:26	05/05/25 17:27	1
Beryllium	ND		0.0020	0.00020	mg/L		05/05/25 05:26	05/05/25 17:27	1
Boron	ND		0.050	0.022	mg/L		05/05/25 05:26	05/05/25 17:27	1
Cadmium	ND		0.0010	0.000078	mg/L		05/05/25 05:26	05/05/25 17:27	1
Calcium	ND		0.25	0.14	mg/L		05/05/25 05:26	05/05/25 17:27	1
Chromium	ND		0.0025	0.0012	mg/L		05/05/25 05:26	05/05/25 17:27	1
Cobalt	ND		0.0025	0.00022	mg/L		05/05/25 05:26	05/05/25 17:27	1
Lead	ND		0.0013	0.00021	mg/L		05/05/25 05:26	05/05/25 17:27	1
Molybdenum	ND		0.010	0.00086	mg/L		05/05/25 05:26	05/05/25 17:27	1
Selenium	ND		0.0013	0.00099	mg/L		05/05/25 05:26	05/05/25 17:27	1
Thallium	ND		0.00050	0.00026	mg/L		05/05/25 05:26	05/05/25 17:27	1

Lab Sample ID: MB 680-881808/1-A

Matrix: Water

Analysis Batch: 881964

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	ND		0.0025	0.0020	mg/L		05/05/25 05:26	05/07/25 08:41	1

Lab Sample ID: LCS 680-881808/2-A

Matrix: Water

Analysis Batch: 881880

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0515		mg/L		103	80 - 120
Arsenic	0.100	0.102		mg/L		102	80 - 120
Barium	0.100	0.102		mg/L		102	80 - 120
Beryllium	0.0500	0.0550		mg/L		110	80 - 120
Boron	0.400	0.409		mg/L		102	80 - 120
Cadmium	0.0500	0.0523		mg/L		105	80 - 120
Calcium	5.00	5.21		mg/L		104	80 - 120
Chromium	0.100	0.103		mg/L		103	80 - 120
Cobalt	0.0500	0.0547		mg/L		109	80 - 120
Lead	0.500	0.511		mg/L		102	80 - 120
Molybdenum	0.100	0.106		mg/L		106	80 - 120
Selenium	0.100	0.102		mg/L		102	80 - 120
Thallium	0.0500	0.0505		mg/L		101	80 - 120

Lab Sample ID: LCS 680-881808/2-A

Matrix: Water

Analysis Batch: 881964

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.500	0.498		mg/L		100	80 - 120

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-275207-C-3-B MS

Matrix: Water

Analysis Batch: 881880

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.0500	0.0504		mg/L		101	75 - 125
Arsenic	ND		0.100	0.0993		mg/L		99	75 - 125
Barium	0.030		0.100	0.130		mg/L		100	75 - 125
Beryllium	ND		0.0500	0.0545		mg/L		109	75 - 125
Boron	0.12		0.400	0.506		mg/L		97	75 - 125
Cadmium	ND		0.0500	0.0514		mg/L		103	75 - 125
Calcium	57		5.00	60.5	4	mg/L		74	75 - 125
Chromium	ND		0.100	0.0991		mg/L		99	75 - 125
Cobalt	ND		0.0500	0.0524		mg/L		105	75 - 125
Lead	ND		0.500	0.505		mg/L		101	75 - 125
Molybdenum	0.0047	J	0.100	0.108		mg/L		103	75 - 125
Selenium	ND		0.100	0.0984		mg/L		98	75 - 125
Thallium	ND		0.0500	0.0499		mg/L		100	75 - 125

Lab Sample ID: 400-275207-C-3-B MS

Matrix: Water

Analysis Batch: 881964

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.0021	J	0.500	0.496		mg/L		99	75 - 125

Lab Sample ID: 400-275207-C-3-C MSD

Matrix: Water

Analysis Batch: 881880

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		0.0500	0.0520		mg/L		104	75 - 125	3	20
Arsenic	ND		0.100	0.102		mg/L		102	75 - 125	3	20
Barium	0.030		0.100	0.133		mg/L		102	75 - 125	2	20
Beryllium	ND		0.0500	0.0563		mg/L		113	75 - 125	3	20
Boron	0.12		0.400	0.528		mg/L		103	75 - 125	4	20
Cadmium	ND		0.0500	0.0529		mg/L		106	75 - 125	3	20
Calcium	57		5.00	62.7	4	mg/L		118	75 - 125	4	20
Chromium	ND		0.100	0.102		mg/L		102	75 - 125	3	20
Cobalt	ND		0.0500	0.0542		mg/L		108	75 - 125	3	20
Lead	ND		0.500	0.515		mg/L		103	75 - 125	2	20
Molybdenum	0.0047	J	0.100	0.112		mg/L		107	75 - 125	3	20
Selenium	ND		0.100	0.102		mg/L		102	75 - 125	3	20
Thallium	ND		0.0500	0.0515		mg/L		103	75 - 125	3	20

Lab Sample ID: 400-275207-C-3-C MSD

Matrix: Water

Analysis Batch: 881964

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 881808

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium	0.0021	J	0.500	0.496		mg/L		99	75 - 125	0	20

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-881859/1-A
Matrix: Water
Analysis Batch: 881883

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 881859

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000080	mg/L		05/05/25 12:59	05/05/25 16:46	1

Lab Sample ID: LCS 680-881859/2-A
Matrix: Water
Analysis Batch: 881883

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 881859

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00236		mg/L		94	80 - 120

Lab Sample ID: 400-275207-C-4-C MS
Matrix: Water
Analysis Batch: 881883

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 881859

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND		0.00100	0.000943		mg/L		94	80 - 120

Lab Sample ID: 400-275207-C-4-D MSD
Matrix: Water
Analysis Batch: 881883

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 881859

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND		0.00100	0.00105		mg/L		105	80 - 120	10	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-708010/1
Matrix: Water
Analysis Batch: 708010

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		5.0	5.0	mg/L			05/03/25 16:40	1

Lab Sample ID: LCS 400-708010/2
Matrix: Water
Analysis Batch: 708010

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	260		mg/L		89	78 - 122

Lab Sample ID: 400-275207-B-1 DU
Matrix: Water
Analysis Batch: 708010

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	170		182	F3	mg/L		6	5

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-708680/13

Matrix: Water

Analysis Batch: 708680

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.0	1.4	mg/L			05/09/25 10:59	1

Lab Sample ID: LCS 400-708680/14

Matrix: Water

Analysis Batch: 708680

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	48.7		mg/L		97	90 - 110

Lab Sample ID: MRL 400-708680/15

Matrix: Water

Analysis Batch: 708680

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.00	1.68	J	mg/L		84	50 - 150

Lab Sample ID: 400-275211-2 MS

Matrix: Water

Analysis Batch: 708680

Client Sample ID: MW-U2-20250429

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.4	J	20.0	20.0		mg/L		100	73 - 120

Lab Sample ID: 400-275211-2 MSD

Matrix: Water

Analysis Batch: 708680

Client Sample ID: MW-U2-20250429

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.4	J	20.0	21.6		mg/L		108	73 - 120	8	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-708098/9

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	ND		0.10	0.022	mg/L			05/05/25 12:07	1

Lab Sample ID: LCS 400-708098/11

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	5.00	4.92		mg/L		98	90 - 110

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Method: SM 4500 F C - Fluoride (Continued)

Lab Sample ID: MRL 400-708098/10

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.100	0.103		mg/L		103	50 - 150

Lab Sample ID: 400-275223-B-3 DU

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Fluoride	0.092	J	0.0884	J	mg/L		4	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-708576/12

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.4	mg/L			05/08/25 13:37	1

Lab Sample ID: LCS 400-708576/13

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.6		mg/L		98	90 - 110

Lab Sample ID: MRL 400-708576/14

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	3.76	J	mg/L		75	50 - 150

Lab Sample ID: 240-223608-A-5 MS

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	45	J F1	10.0	48.0	J 4	mg/L		26	77 - 128

Lab Sample ID: 240-223608-A-5 MSD

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	45	J F1	10.0	47.7	J 4	mg/L		24	77 - 128	1	5

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Environment Testing

Phone (850) 474-1001 Phone (850) 478-2671

[illegible]

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-275211-1

Login Number: 275211

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-25
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	FLGNV23001	01-08-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-26

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-25
ANAB	Dept. of Defense ELAP	L2463	09-22-26
Arkansas (DW)	State	GA00006	06-30-25
Arkansas DEQ	State	88-00692	02-09-26
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25
Georgia (DW)	State	803	06-30-25
Hawaii	State	<cert No.>	06-30-25
Illinois	NELAP	200022	11-30-25
Iowa	State	353	07-01-25
Kentucky (UST)	State	108138	06-30-24 *
Louisiana (All)	NELAP	30690	06-30-25
Maine	State	GA00006	09-25-26
Maryland	State	250	12-31-25
Mississippi	State	<cert No.>	06-30-25
Nebraska	State	NE-OS-7-04	06-30-25
New Mexico	State	GA00006	06-30-25
North Carolina (DW)	State	13701	07-31-25
North Carolina (WW/SW)	State	269	12-31-25
Puerto Rico	State	GA00006	01-15-26
South Carolina	State	98001	06-30-25
Tennessee	State	TN02961	06-30-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-1

Laboratory: Eurofins Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	TCEQ Water Supply	T104704185	06-30-25
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-25
Wyoming	State	8TMS-L	06-30-25

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

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JOB DESCRIPTION

Crisp County Power Commission

JOB NUMBER

400-275211-2

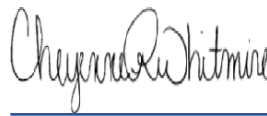
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Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-275211-1	MW-U1-20250429	Water	04/29/25 12:28	05/02/25 10:10
400-275211-2	MW-U2-20250429	Water	04/29/25 12:22	05/02/25 10:10
400-275211-3	EB-20250430	Water	04/30/25 11:48	05/02/25 10:10
400-275211-4	FB-20250430	Water	04/30/25 11:37	05/02/25 10:10

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Client Sample ID: MW-U1-20250429

Lab Sample ID: 400-275211-1

Date Collected: 04/29/25 12:28

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.146	U	0.171	0.172	1.00	0.278	pCi/L	05/06/25 07:55	06/03/25 20:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/06/25 07:55	06/03/25 20:08	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.564	U	0.481	0.484	1.00	0.763	pCi/L	05/06/25 08:02	06/03/25 11:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.8		30 - 110					05/06/25 08:02	06/03/25 11:53	1
Y Carrier	80.0		30 - 110					05/06/25 08:02	06/03/25 11:53	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.710	U	0.510	0.514	5.00	0.763	pCi/L		06/04/25 12:19	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Client Sample ID: MW-U2-20250429

Lab Sample ID: 400-275211-2

Date Collected: 04/29/25 12:22

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0518	U	0.149	0.149	1.00	0.283	pCi/L	05/06/25 07:55	06/03/25 20:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					05/06/25 07:55	06/03/25 20:08	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.171	U	0.348	0.348	1.00	0.605	pCi/L	05/06/25 08:02	06/03/25 11:36	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					05/06/25 08:02	06/03/25 11:36	1
Y Carrier	80.4		30 - 110					05/06/25 08:02	06/03/25 11:36	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.222	U	0.379	0.379	5.00	0.605	pCi/L		06/04/25 12:19	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Client Sample ID: EB-20250430

Lab Sample ID: 400-275211-3

Date Collected: 04/30/25 11:48

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.141	U	0.187	0.188	1.00	0.314	pCi/L	05/06/25 07:55	06/03/25 20:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					05/06/25 07:55	06/03/25 20:08	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.462	U	0.388	0.390	1.00	0.605	pCi/L	05/06/25 08:02	06/03/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.3		30 - 110					05/06/25 08:02	06/03/25 11:54	1
Y Carrier	80.4		30 - 110					05/06/25 08:02	06/03/25 11:54	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.603	U	0.431	0.433	5.00	0.605	pCi/L		06/04/25 12:19	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Client Sample ID: FB-20250430

Lab Sample ID: 400-275211-4

Date Collected: 04/30/25 11:37

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0818	U	0.154	0.155	1.00	0.276	pCi/L	05/06/25 07:55	06/03/25 20:08	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.8		30 - 110					05/06/25 07:55	06/03/25 20:08	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.277	U	0.368	0.369	1.00	0.615	pCi/L	05/06/25 08:02	06/03/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	96.8		30 - 110					05/06/25 08:02	06/03/25 11:54	1
Y Carrier	86.0		30 - 110					05/06/25 08:02	06/03/25 11:54	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.359	U	0.399	0.400	5.00	0.615	pCi/L		06/04/25 12:19	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Client Sample ID: MW-U1-20250429

Lab Sample ID: 400-275211-1

Date Collected: 04/29/25 12:28

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716183	OGC	EET SL	05/06/25 07:55
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 20:08
Total/NA	Prep	PrecSep_0			716185	OGC	EET SL	05/06/25 08:02
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 11:53
Total/NA	Analysis	Ra226_Ra228		1	720797	SCB	EET SL	06/04/25 12:19

Client Sample ID: MW-U2-20250429

Lab Sample ID: 400-275211-2

Date Collected: 04/29/25 12:22

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716183	OGC	EET SL	05/06/25 07:55
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 20:08
Total/NA	Prep	PrecSep_0			716185	OGC	EET SL	05/06/25 08:02
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 11:36
Total/NA	Analysis	Ra226_Ra228		1	720797	SCB	EET SL	06/04/25 12:19

Client Sample ID: EB-20250430

Lab Sample ID: 400-275211-3

Date Collected: 04/30/25 11:48

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716183	OGC	EET SL	05/06/25 07:55
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 20:08
Total/NA	Prep	PrecSep_0			716185	OGC	EET SL	05/06/25 08:02
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	720797	SCB	EET SL	06/04/25 12:19

Client Sample ID: FB-20250430

Lab Sample ID: 400-275211-4

Date Collected: 04/30/25 11:37

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716183	OGC	EET SL	05/06/25 07:55
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 20:08
Total/NA	Prep	PrecSep_0			716185	OGC	EET SL	05/06/25 08:02
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 11:54
Total/NA	Analysis	Ra226_Ra228		1	720797	SCB	EET SL	06/04/25 12:19

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

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QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Rad

Prep Batch: 716183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	PrecSep-21	
400-275211-2	MW-U2-20250429	Total/NA	Water	PrecSep-21	
400-275211-3	EB-20250430	Total/NA	Water	PrecSep-21	
400-275211-4	FB-20250430	Total/NA	Water	PrecSep-21	
MB 160-716183/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-716183/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-267632-AQ-5-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 716185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275211-1	MW-U1-20250429	Total/NA	Water	PrecSep_0	
400-275211-2	MW-U2-20250429	Total/NA	Water	PrecSep_0	
400-275211-3	EB-20250430	Total/NA	Water	PrecSep_0	
400-275211-4	FB-20250430	Total/NA	Water	PrecSep_0	
MB 160-716185/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-716185/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-267632-AQ-5-B DU	Duplicate	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-716183/1-A

Matrix: Water

Analysis Batch: 720473

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 716183

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.2029	U	0.194	0.195	1.00	0.296	pCi/L	05/06/25 07:55	06/03/25 20:06	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					05/06/25 07:55	06/03/25 20:06	1

Lab Sample ID: LCS 160-716183/2-A

Matrix: Water

Analysis Batch: 720473

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 716183

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.885		1.20	1.00	0.389	pCi/L	93	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	92.0		30 - 110							

Lab Sample ID: 500-267632-AQ-5-A DU

Matrix: Water

Analysis Batch: 720467

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 716183

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.540		0.5347		0.256	1.00	0.283	pCi/L	0.01	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	90.5		30 - 110							

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-716185/1-A

Matrix: Water

Analysis Batch: 720474

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 716185

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1763	U	0.360	0.360	1.00	0.624	pCi/L	05/06/25 08:02	06/03/25 11:50	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					05/06/25 08:02	06/03/25 11:50	1
Y Carrier	78.9		30 - 110					05/06/25 08:02	06/03/25 11:50	1

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-716185/2-A
Matrix: Water
Analysis Batch: 720474

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 716185

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.38	11.10		1.46	1.00	0.564	pCi/L	118	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	92.0		30 - 110
Y Carrier	77.0		30 - 110

Lab Sample ID: 500-267632-AQ-5-B DU
Matrix: Water
Analysis Batch: 720474

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 716185

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.577	U	0.4695	U	0.382	1.00	0.590	pCi/L	0.13	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	90.5		30 - 110
Y Carrier	75.5		30 - 110

Chain of Custody Record

Client Information		Lab PWT: Whitmire, Cheyenne R		Carrier Tracking No(s): 400-134357-29334.1	
Client Name: Yongli Wang & Jacob Tracy		State of Origin: GA		Page: 1 of 1	
Phone: 515-708-3635		E-Mail: Cheyenne.Whitmire@et.eurofins.com		Job #:	
Company: Geosyntec Consultants Inc		PWSID:		Preservation Codes: D - HNO3 N - None	
Address: 1255 Roberts Blvd, NW Suite 200		Due Date Requested:		Analysis Requested	
City: Kennesaw		TAT Requested (days): Standard		7540C - Total Dissolved Solids	
State, Zip: GA, 30144		Compliance Project: ☒ Yes ☒ No		7470A - Mercury	
Phone: 770-371-6027		Purchase Order not required		6020 - Sb,As,Ba,Ca,Cd,Cr,Cu,Li,Pb,Ti,Se,Mo	
Email: dyifu@geosyntec.com		PO #: 770-371-6027		SM4500_F - Fluoride	
Project Name: CCR App. III/IV GW Monitoring Crisp Co		WO #: 770-371-6027		SM4500_SO4 - Sulfate	
Site: Crisp County Power Commission		Project #: 40007960		Field Sampling - Field pH	
		SSOW#:		Special Instructions/Note:	
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)
MW-U1 -20250429	04/24/25	1228	G	Water	pH = 7.89
MW-U2 -20250429	04/24/25	1222	G	Water	pH = 7.17
EB -20250430	04/30/25	1148	G	Water	
FB -20250430	04/30/25	1137	G	Water	
Possible Hazard Identification ☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					
Deliverable Requested: I, II, III, IV, Other (specify)					
Empty Kit Relinquished by: Date: Time: Method of Shipment:					
Relinquished by: Yongli Wang Date/Time: 5/31/25 0831 Company: Geosyntec					
Relinquished by: Date/Time: Company:					
Relinquished by: Date/Time: Company:					
Custody Seals Intact: ☒ Yes ☐ No					
Custody Seal No.: 0.0001188					

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-275211-2

Login Number: 275211

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275211-2

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	06-30-25
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-25
HI - RadChem Recognition	State	n/a	06-30-25
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-25
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	09-30-25
Massachusetts	State	M-MO054	06-30-25
MI - RadChem Recognition	State	9005	06-30-25
Missouri	State	780	06-30-25
Nevada	State	MO00054	07-31-25
New Jersey	NELAP	MO002	06-30-25
New Mexico	State	MO00054	06-30-25
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	07-31-25
North Dakota	State	R-207	06-30-25
Oklahoma	NELAP	9997	08-31-25
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-25
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-25
Virginia	NELAP	460230	06-14-25
Washington	State	C592	08-30-25
West Virginia DEP	State	381	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pensacola

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

Generated 5/13/2025 8:45:33 PM

JOB DESCRIPTION

Crisp County Power Commission

JOB NUMBER

400-275223-1

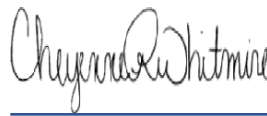
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Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Geosyntec Consultants Inc
Project: Crisp County Power Commission

Job ID: 400-275223-1

Job ID: 400-275223-1

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Job Narrative 400-275223-1

Receipt

The samples were received on 5/2/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.0° C and 0.0° C.

Receipt Exceptions

One container for the following sample was received with the lid off. No volume was salvaged: MW-D9-20250430 (400-275223-6). A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

Metals

Method 7470A: The laboratory control sample (LCS) preparation batch 680-881902 and analytical batch 680-881943 recovered outside control limits for the following analyte: mercury. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

General Chemistry

Method SM 4500 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-708802 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Detection Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D4-20250429

Lab Sample ID: 400-275223-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.014		0.0025	0.00089	mg/L	1		6020B	Total Recoverable
Calcium	42		0.25	0.14	mg/L	1		6020B	Total Recoverable
Chromium	0.0012	J	0.0025	0.0012	mg/L	1		6020B	Total Recoverable
Lithium	0.0020	J	0.0025	0.0020	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	130		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	2.2		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.11		0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Field pH	7.58				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D5-20250430

Lab Sample ID: 400-275223-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.030		0.0025	0.00089	mg/L	1		6020B	Total Recoverable
Calcium	38		0.25	0.14	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	140		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	7.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.028	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	15		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.85				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D6-20250430

Lab Sample ID: 400-275223-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.0081		0.0025	0.00089	mg/L	1		6020B	Total Recoverable
Calcium	35		0.25	0.14	mg/L	1		6020B	Total Recoverable
Chromium	0.0018	J	0.0025	0.0012	mg/L	1		6020B	Total Recoverable
Lithium	0.0051		0.0025	0.0020	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	130		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.092	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	14		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	7.93				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D7-20250429

Lab Sample ID: 400-275223-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.063		0.0025	0.00089	mg/L	1		6020B	Total Recoverable
Boron	0.049	J	0.050	0.022	mg/L	1		6020B	Total Recoverable
Calcium	70		0.25	0.14	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	200		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.0		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.070	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Field pH	7.43				SU	1		Field Sampling	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D8-20250429

Lab Sample ID: 400-275223-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.048		0.0025	0.00089	mg/L	1			6020B	Total Recoverable
Boron	0.056		0.050	0.022	mg/L	1			6020B	Total Recoverable
Calcium	75		0.25	0.14	mg/L	1			6020B	Total Recoverable
Total Dissolved Solids	220		5.0	5.0	mg/L	1			SM 2540C	Total/NA
Chloride	6.5		2.0	1.4	mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.053	J	0.10	0.022	mg/L	1			SM 4500 F C	Total/NA
Sulfate	28		5.0	1.4	mg/L	1			SM 4500 SO4 E	Total/NA
Field pH	7.38				SU	1			Field Sampling	Total/NA

Client Sample ID: MW-D9-20250430

Lab Sample ID: 400-275223-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.038		0.0025	0.00089	mg/L	1			6020B	Total Recoverable
Calcium	54		0.25	0.14	mg/L	1			6020B	Total Recoverable
Cobalt	0.00023	J	0.0025	0.00022	mg/L	1			6020B	Total Recoverable
Lead	0.00024	J	0.0013	0.00021	mg/L	1			6020B	Total Recoverable
Lithium	0.0039		0.0025	0.0020	mg/L	1			6020B	Total Recoverable
Total Dissolved Solids	170		5.0	5.0	mg/L	1			SM 2540C	Total/NA
Chloride	2.1		2.0	1.4	mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.076	J	0.10	0.022	mg/L	1			SM 4500 F C	Total/NA
Sulfate	2.0	J	5.0	1.4	mg/L	1			SM 4500 SO4 E	Total/NA
Field pH	7.58				SU	1			Field Sampling	Total/NA

Client Sample ID: DUP-13-20250430

Lab Sample ID: 400-275223-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Barium	0.0078		0.0025	0.00089	mg/L	1			6020B	Total Recoverable
Calcium	33		0.25	0.14	mg/L	1			6020B	Total Recoverable
Chromium	0.0018	J	0.0025	0.0012	mg/L	1			6020B	Total Recoverable
Lithium	0.0022	J	0.0025	0.0020	mg/L	1			6020B	Total Recoverable
Total Dissolved Solids	120		5.0	5.0	mg/L	1			SM 2540C	Total/NA
Chloride	4.6		2.0	1.4	mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.095	J	0.10	0.022	mg/L	1			SM 4500 F C	Total/NA
Sulfate	1.7	J	5.0	1.4	mg/L	1			SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method	Method Description	Protocol	Laboratory
6020B	Metals (ICP/MS)	SW846	EET SAV
7470A	Mercury (CVAA)	SW846	EET SAV
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PEN
SM 4500 Cl- E	Chloride, Total	SM	EET PEN
SM 4500 F C	Fluoride	SM	EET PEN
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
Field Sampling	Field Sampling	EPA	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET SAV
7470A	Preparation, Mercury	SW846	EET SAV

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-275223-1	MW-D4-20250429	Water	04/29/25 14:28	05/02/25 10:10
400-275223-2	MW-D5-20250430	Water	04/30/25 09:53	05/02/25 10:10
400-275223-3	MW-D6-20250430	Water	04/30/25 13:24	05/02/25 10:10
400-275223-4	MW-D7-20250429	Water	04/29/25 17:43	05/02/25 10:10
400-275223-5	MW-D8-20250429	Water	04/29/25 16:17	05/02/25 10:10
400-275223-6	MW-D9-20250430	Water	04/30/25 09:52	05/02/25 10:10
400-275223-7	DUP-13-20250430	Water	04/30/25 00:00	05/02/25 10:10

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D4-20250429

Lab Sample ID: 400-275223-1

Date Collected: 04/29/25 14:28

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 14:34	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 14:34	1
Barium	0.014		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 14:34	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 14:34	1
Boron	ND		0.050	0.022	mg/L		05/07/25 05:15	05/07/25 14:34	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 14:34	1
Calcium	42		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 14:34	1
Chromium	0.0012	J	0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 14:34	1
Cobalt	ND		0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 14:34	1
Lead	ND		0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 14:34	1
Lithium	0.0020	J	0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 14:34	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 14:34	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 14:34	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 14:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		5.0	5.0	mg/L			05/02/25 15:32	1
Chloride (SM 4500 Cl- E)	2.2		2.0	1.4	mg/L			05/09/25 14:39	1
Fluoride (SM 4500 F C)	0.11		0.10	0.022	mg/L			05/05/25 12:42	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			05/08/25 13:49	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.58				SU			04/29/25 13:28	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D5-20250430

Lab Sample ID: 400-275223-2

Date Collected: 04/30/25 09:53

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 14:44	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 14:44	1
Barium	0.030		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 14:44	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 14:44	1
Boron	ND		0.050	0.022	mg/L		05/07/25 05:15	05/07/25 14:44	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 14:44	1
Calcium	38		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 14:44	1
Chromium	ND		0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 14:44	1
Cobalt	ND		0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 14:44	1
Lead	ND		0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 14:44	1
Lithium	ND		0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 14:44	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 14:44	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 14:44	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 14:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	140		5.0	5.0	mg/L			05/06/25 10:56	1
Chloride (SM 4500 Cl- E)	7.7		2.0	1.4	mg/L			05/09/25 14:39	1
Fluoride (SM 4500 F C)	0.028	J	0.10	0.022	mg/L			05/05/25 12:44	1
Sulfate (SM 4500 SO4 E)	15		5.0	1.4	mg/L			05/08/25 13:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.85				SU			04/30/25 08:53	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D6-20250430

Lab Sample ID: 400-275223-3

Date Collected: 04/30/25 13:24

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 14:49	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 14:49	1
Barium	0.0081		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 14:49	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 14:49	1
Boron	ND		0.050	0.022	mg/L		05/07/25 05:15	05/07/25 14:49	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 14:49	1
Calcium	35		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 14:49	1
Chromium	0.0018	J	0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 14:49	1
Cobalt	ND		0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 14:49	1
Lead	ND		0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 14:49	1
Lithium	0.0051		0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 14:49	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 14:49	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 14:49	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 14:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	130		5.0	5.0	mg/L			05/06/25 10:56	1
Chloride (SM 4500 Cl- E)	4.7		2.0	1.4	mg/L			05/09/25 14:41	1
Fluoride (SM 4500 F C)	0.092	J	0.10	0.022	mg/L			05/05/25 12:54	1
Sulfate (SM 4500 SO4 E)	14		5.0	1.4	mg/L			05/08/25 13:50	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.93				SU			04/30/25 12:24	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D7-20250429

Lab Sample ID: 400-275223-4

Date Collected: 04/29/25 17:43

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 15:00	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 15:00	1
Barium	0.063		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 15:00	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 15:00	1
Boron	0.049	J	0.050	0.022	mg/L		05/07/25 05:15	05/07/25 15:00	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 15:00	1
Calcium	70		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 15:00	1
Chromium	ND		0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 15:00	1
Cobalt	ND		0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 15:00	1
Lead	ND		0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 15:00	1
Lithium	ND		0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 15:00	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 15:00	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 15:00	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 15:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	200		5.0	5.0	mg/L			05/02/25 15:32	1
Chloride (SM 4500 Cl- E)	4.0		2.0	1.4	mg/L			05/09/25 14:42	1
Fluoride (SM 4500 F C)	0.070	J	0.10	0.022	mg/L			05/05/25 13:00	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			05/08/25 13:51	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.43				SU			04/29/25 16:43	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D8-20250429

Lab Sample ID: 400-275223-5

Date Collected: 04/29/25 16:17

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 14:47	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 14:47	1
Barium	0.048		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 14:47	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 14:47	1
Boron	0.056		0.050	0.022	mg/L		05/07/25 05:15	05/07/25 14:47	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 14:47	1
Calcium	75		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 14:47	1
Chromium	ND		0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 14:47	1
Cobalt	ND		0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 14:47	1
Lead	ND		0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 14:47	1
Lithium	ND		0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 14:47	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 14:47	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 14:47	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 14:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	220		5.0	5.0	mg/L			05/02/25 15:32	1
Chloride (SM 4500 Cl- E)	6.5		2.0	1.4	mg/L			05/09/25 14:42	1
Fluoride (SM 4500 F C)	0.053	J	0.10	0.022	mg/L			05/05/25 13:02	1
Sulfate (SM 4500 SO4 E)	28		5.0	1.4	mg/L			05/11/25 20:26	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.38				SU			04/29/25 15:17	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D9-20250430

Lab Sample ID: 400-275223-6

Date Collected: 04/30/25 09:52

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 14:41	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 14:41	1
Barium	0.038		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 14:41	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 14:41	1
Boron	ND		0.050	0.022	mg/L		05/07/25 05:15	05/07/25 14:41	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 14:41	1
Calcium	54		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 14:41	1
Chromium	ND		0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 14:41	1
Cobalt	0.00023	J	0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 14:41	1
Lead	0.00024	J	0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 14:41	1
Lithium	0.0039		0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 14:41	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 14:41	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 14:41	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 14:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	170		5.0	5.0	mg/L			05/06/25 16:33	1
Chloride (SM 4500 Cl- E)	2.1		2.0	1.4	mg/L			05/09/25 14:43	1
Fluoride (SM 4500 F C)	0.076	J	0.10	0.022	mg/L			05/05/25 13:05	1
Sulfate (SM 4500 SO4 E)	2.0	J	5.0	1.4	mg/L			05/11/25 20:24	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.58				SU			04/30/25 08:52	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: DUP-13-20250430

Lab Sample ID: 400-275223-7

Date Collected: 04/30/25 00:00

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 14:52	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 14:52	1
Barium	0.0078		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 14:52	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 14:52	1
Boron	ND		0.050	0.022	mg/L		05/07/25 05:15	05/07/25 14:52	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 14:52	1
Calcium	33		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 14:52	1
Chromium	0.0018	J	0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 14:52	1
Cobalt	ND		0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 14:52	1
Lead	ND		0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 14:52	1
Lithium	0.0022	J	0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 14:52	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 14:52	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 14:52	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 14:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND	*+	0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	120		5.0	5.0	mg/L			05/02/25 15:32	1
Chloride (SM 4500 Cl- E)	4.6		2.0	1.4	mg/L			05/09/25 14:43	1
Fluoride (SM 4500 F C)	0.095	J	0.10	0.022	mg/L			05/05/25 13:08	1
Sulfate (SM 4500 SO4 E)	1.7	J	5.0	1.4	mg/L			05/11/25 20:24	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Qualifiers

Metals

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D4-20250429

Lab Sample ID: 400-275223-1

Date Collected: 04/29/25 14:28

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881925	RR	EET SAV	05/07/25 05:15
Total Recoverable	Analysis	6020B		1	881999	BWR	EET SAV	05/07/25 14:34
Total/NA	Prep	7470A			881902	MG	EET SAV	05/06/25 12:51
Total/NA	Analysis	7470A		1	881943	BJB	EET SAV	05/06/25 16:30
Total/NA	Analysis	SM 2540C		1	707949	EJT	EET PEN	05/02/25 15:32
Total/NA	Analysis	SM 4500 CI- E		1	708706	CJK	EET PEN	05/09/25 14:39
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 12:42
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:49
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/29/25 13:28

Client Sample ID: MW-D5-20250430

Lab Sample ID: 400-275223-2

Date Collected: 04/30/25 09:53

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881925	RR	EET SAV	05/07/25 05:15
Total Recoverable	Analysis	6020B		1	881999	BWR	EET SAV	05/07/25 14:44
Total/NA	Prep	7470A			881902	MG	EET SAV	05/06/25 12:51
Total/NA	Analysis	7470A		1	881943	BJB	EET SAV	05/06/25 16:23
Total/NA	Analysis	SM 2540C		1	708232	EJT	EET PEN	05/06/25 10:56
Total/NA	Analysis	SM 4500 CI- E		1	708706	CJK	EET PEN	05/09/25 14:39
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 12:44
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:50
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/30/25 08:53

Client Sample ID: MW-D6-20250430

Lab Sample ID: 400-275223-3

Date Collected: 04/30/25 13:24

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881925	RR	EET SAV	05/07/25 05:15
Total Recoverable	Analysis	6020B		1	881999	BWR	EET SAV	05/07/25 14:49
Total/NA	Prep	7470A			881902	MG	EET SAV	05/06/25 12:51
Total/NA	Analysis	7470A		1	881943	BJB	EET SAV	05/06/25 16:32
Total/NA	Analysis	SM 2540C		1	708232	EJT	EET PEN	05/06/25 10:56
Total/NA	Analysis	SM 4500 CI- E		1	708706	CJK	EET PEN	05/09/25 14:41
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 12:54
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:50
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/30/25 12:24

Eurofins Pensacola

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: MW-D7-20250429

Lab Sample ID: 400-275223-4

Date Collected: 04/29/25 17:43

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881925	RR	EET SAV	05/07/25 05:15
Total Recoverable	Analysis	6020B		1	881999	BWR	EET SAV	05/07/25 15:00
Total/NA	Prep	7470A			881902	MG	EET SAV	05/06/25 12:51
Total/NA	Analysis	7470A		1	881943	BJB	EET SAV	05/06/25 16:06
Total/NA	Analysis	SM 2540C		1	707949	EJT	EET PEN	05/02/25 15:32
Total/NA	Analysis	SM 4500 CI- E		1	708706	CJK	EET PEN	05/09/25 14:42
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 13:00
Total/NA	Analysis	SM 4500 SO4 E		1	708576	CJK	EET PEN	05/08/25 13:51
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/29/25 16:43

Client Sample ID: MW-D8-20250429

Lab Sample ID: 400-275223-5

Date Collected: 04/29/25 16:17

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881925	RR	EET SAV	05/07/25 05:15
Total Recoverable	Analysis	6020B		1	881999	BWR	EET SAV	05/07/25 14:47
Total/NA	Prep	7470A			881902	MG	EET SAV	05/06/25 12:51
Total/NA	Analysis	7470A		1	881943	BJB	EET SAV	05/06/25 16:18
Total/NA	Analysis	SM 2540C		1	707949	EJT	EET PEN	05/02/25 15:32
Total/NA	Analysis	SM 4500 CI- E		1	708706	CJK	EET PEN	05/09/25 14:42
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 13:02
Total/NA	Analysis	SM 4500 SO4 E		1	708802	CJK	EET PEN	05/11/25 20:26
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/29/25 15:17

Client Sample ID: MW-D9-20250430

Lab Sample ID: 400-275223-6

Date Collected: 04/30/25 09:52

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881925	RR	EET SAV	05/07/25 05:15
Total Recoverable	Analysis	6020B		1	881999	BWR	EET SAV	05/07/25 14:41
Total/NA	Prep	7470A			881902	MG	EET SAV	05/06/25 12:51
Total/NA	Analysis	7470A		1	881943	BJB	EET SAV	05/06/25 16:21
Total/NA	Analysis	SM 2540C		1	708314	YC	EET PEN	05/06/25 16:33
Total/NA	Analysis	SM 4500 CI- E		1	708706	CJK	EET PEN	05/09/25 14:43
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 13:05
Total/NA	Analysis	SM 4500 SO4 E		1	708802	CJK	EET PEN	05/11/25 20:24
Total/NA	Analysis	Field Sampling		1	708168	CJ	EET PEN	04/30/25 08:52

Eurofins Pensacola

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Client Sample ID: DUP-13-20250430

Lab Sample ID: 400-275223-7

Date Collected: 04/30/25 00:00

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			881925	RR	EET SAV	05/07/25 05:15
Total Recoverable	Analysis	6020B		1	881999	BWR	EET SAV	05/07/25 14:52
Total/NA	Prep	7470A			881902	MG	EET SAV	05/06/25 12:51
Total/NA	Analysis	7470A		1	881943	BJB	EET SAV	05/06/25 16:13
Total/NA	Analysis	SM 2540C		1	707949	EJT	EET PEN	05/02/25 15:32
Total/NA	Analysis	SM 4500 Cl- E		1	708706	CJK	EET PEN	05/09/25 14:43
Total/NA	Analysis	SM 4500 F C		1	708098	JP	EET PEN	05/05/25 13:08
Total/NA	Analysis	SM 4500 SO4 E		1	708802	CJK	EET PEN	05/11/25 20:24

Laboratory References:

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

EET SAV = Eurofins Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Metals

Prep Batch: 881902

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	7470A	
400-275223-2	MW-D5-20250430	Total/NA	Water	7470A	
400-275223-3	MW-D6-20250430	Total/NA	Water	7470A	
400-275223-4	MW-D7-20250429	Total/NA	Water	7470A	
400-275223-5	MW-D8-20250429	Total/NA	Water	7470A	
400-275223-6	MW-D9-20250430	Total/NA	Water	7470A	
400-275223-7	DUP-13-20250430	Total/NA	Water	7470A	
MB 680-881902/1-A	Method Blank	Total/NA	Water	7470A	
LCS 680-881902/2-A	Lab Control Sample	Total/NA	Water	7470A	
400-275223-4 MS	MW-D7-20250429	Total/NA	Water	7470A	
400-275223-4 MSD	MW-D7-20250429	Total/NA	Water	7470A	

Prep Batch: 881925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total Recoverable	Water	3005A	
400-275223-2	MW-D5-20250430	Total Recoverable	Water	3005A	
400-275223-3	MW-D6-20250430	Total Recoverable	Water	3005A	
400-275223-4	MW-D7-20250429	Total Recoverable	Water	3005A	
400-275223-5	MW-D8-20250429	Total Recoverable	Water	3005A	
400-275223-6	MW-D9-20250430	Total Recoverable	Water	3005A	
400-275223-7	DUP-13-20250430	Total Recoverable	Water	3005A	
MB 680-881925/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 680-881925/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-275223-1 MS	MW-D4-20250429	Total Recoverable	Water	3005A	
400-275223-1 MSD	MW-D4-20250429	Total Recoverable	Water	3005A	

Analysis Batch: 881943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	7470A	881902
400-275223-2	MW-D5-20250430	Total/NA	Water	7470A	881902
400-275223-3	MW-D6-20250430	Total/NA	Water	7470A	881902
400-275223-4	MW-D7-20250429	Total/NA	Water	7470A	881902
400-275223-5	MW-D8-20250429	Total/NA	Water	7470A	881902
400-275223-6	MW-D9-20250430	Total/NA	Water	7470A	881902
400-275223-7	DUP-13-20250430	Total/NA	Water	7470A	881902
MB 680-881902/1-A	Method Blank	Total/NA	Water	7470A	881902
LCS 680-881902/2-A	Lab Control Sample	Total/NA	Water	7470A	881902
400-275223-4 MS	MW-D7-20250429	Total/NA	Water	7470A	881902
400-275223-4 MSD	MW-D7-20250429	Total/NA	Water	7470A	881902

Analysis Batch: 881999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total Recoverable	Water	6020B	881925
400-275223-2	MW-D5-20250430	Total Recoverable	Water	6020B	881925
400-275223-3	MW-D6-20250430	Total Recoverable	Water	6020B	881925
400-275223-4	MW-D7-20250429	Total Recoverable	Water	6020B	881925
400-275223-5	MW-D8-20250429	Total Recoverable	Water	6020B	881925
400-275223-6	MW-D9-20250430	Total Recoverable	Water	6020B	881925
400-275223-7	DUP-13-20250430	Total Recoverable	Water	6020B	881925
MB 680-881925/1-A	Method Blank	Total Recoverable	Water	6020B	881925
LCS 680-881925/2-A	Lab Control Sample	Total Recoverable	Water	6020B	881925

Eurofins Pensacola

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Metals (Continued)

Analysis Batch: 881999 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1 MS	MW-D4-20250429	Total Recoverable	Water	6020B	881925
400-275223-1 MSD	MW-D4-20250429	Total Recoverable	Water	6020B	881925

General Chemistry

Analysis Batch: 707949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	SM 2540C	
400-275223-4	MW-D7-20250429	Total/NA	Water	SM 2540C	
400-275223-5	MW-D8-20250429	Total/NA	Water	SM 2540C	
400-275223-7	DUP-13-20250430	Total/NA	Water	SM 2540C	
MB 400-707949/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-707949/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-275122-H-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 708098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	SM 4500 F C	
400-275223-2	MW-D5-20250430	Total/NA	Water	SM 4500 F C	
400-275223-3	MW-D6-20250430	Total/NA	Water	SM 4500 F C	
400-275223-4	MW-D7-20250429	Total/NA	Water	SM 4500 F C	
400-275223-5	MW-D8-20250429	Total/NA	Water	SM 4500 F C	
400-275223-6	MW-D9-20250430	Total/NA	Water	SM 4500 F C	
400-275223-7	DUP-13-20250430	Total/NA	Water	SM 4500 F C	
MB 400-708098/9	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-708098/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
MRL 400-708098/10	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-275207-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-275207-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-275223-3 DU	MW-D6-20250430	Total/NA	Water	SM 4500 F C	

Analysis Batch: 708232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-2	MW-D5-20250430	Total/NA	Water	SM 2540C	
400-275223-3	MW-D6-20250430	Total/NA	Water	SM 2540C	
MB 400-708232/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-708232/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-275173-I-2 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 708314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-6	MW-D9-20250430	Total/NA	Water	SM 2540C	
MB 400-708314/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-708314/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-275223-6 DU	MW-D9-20250430	Total/NA	Water	SM 2540C	

Analysis Batch: 708576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	SM 4500 SO4 E	
400-275223-2	MW-D5-20250430	Total/NA	Water	SM 4500 SO4 E	
400-275223-3	MW-D6-20250430	Total/NA	Water	SM 4500 SO4 E	

Eurofins Pensacola

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

General Chemistry (Continued)

Analysis Batch: 708576 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-4	MW-D7-20250429	Total/NA	Water	SM 4500 SO4 E	
MB 400-708576/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-708576/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-708576/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
240-223608-A-5 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
240-223608-A-5 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 708706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	SM 4500 Cl- E	
400-275223-2	MW-D5-20250430	Total/NA	Water	SM 4500 Cl- E	
400-275223-3	MW-D6-20250430	Total/NA	Water	SM 4500 Cl- E	
400-275223-4	MW-D7-20250429	Total/NA	Water	SM 4500 Cl- E	
400-275223-5	MW-D8-20250429	Total/NA	Water	SM 4500 Cl- E	
400-275223-6	MW-D9-20250430	Total/NA	Water	SM 4500 Cl- E	
400-275223-7	DUP-13-20250430	Total/NA	Water	SM 4500 Cl- E	
MB 400-708706/46	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-708706/47	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-708706/48	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-275223-2 MS	MW-D5-20250430	Total/NA	Water	SM 4500 Cl- E	
400-275223-2 MSD	MW-D5-20250430	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 708802

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-5	MW-D8-20250429	Total/NA	Water	SM 4500 SO4 E	
400-275223-6	MW-D9-20250430	Total/NA	Water	SM 4500 SO4 E	
400-275223-7	DUP-13-20250430	Total/NA	Water	SM 4500 SO4 E	
MB 400-708802/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-708802/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-708802/14	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-275574-A-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-275574-A-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 708168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	Field Sampling	
400-275223-2	MW-D5-20250430	Total/NA	Water	Field Sampling	
400-275223-3	MW-D6-20250430	Total/NA	Water	Field Sampling	
400-275223-4	MW-D7-20250429	Total/NA	Water	Field Sampling	
400-275223-5	MW-D8-20250429	Total/NA	Water	Field Sampling	
400-275223-6	MW-D9-20250430	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 680-881925/1-A

Matrix: Water

Analysis Batch: 881999

Client Sample ID: Method Blank

Prep Type: Total Recoverable

Prep Batch: 881925

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.0025	0.00034	mg/L		05/07/25 05:15	05/07/25 14:29	1
Arsenic	ND		0.0013	0.00086	mg/L		05/07/25 05:15	05/07/25 14:29	1
Barium	ND		0.0025	0.00089	mg/L		05/07/25 05:15	05/07/25 14:29	1
Beryllium	ND		0.0020	0.00020	mg/L		05/07/25 05:15	05/07/25 14:29	1
Boron	ND		0.050	0.022	mg/L		05/07/25 05:15	05/07/25 14:29	1
Cadmium	ND		0.0010	0.000078	mg/L		05/07/25 05:15	05/07/25 14:29	1
Calcium	ND		0.25	0.14	mg/L		05/07/25 05:15	05/07/25 14:29	1
Chromium	ND		0.0025	0.0012	mg/L		05/07/25 05:15	05/07/25 14:29	1
Cobalt	ND		0.0025	0.00022	mg/L		05/07/25 05:15	05/07/25 14:29	1
Lead	ND		0.0013	0.00021	mg/L		05/07/25 05:15	05/07/25 14:29	1
Lithium	ND		0.0025	0.0020	mg/L		05/07/25 05:15	05/07/25 14:29	1
Molybdenum	ND		0.010	0.00086	mg/L		05/07/25 05:15	05/07/25 14:29	1
Selenium	ND		0.0013	0.00099	mg/L		05/07/25 05:15	05/07/25 14:29	1
Thallium	ND		0.00050	0.00026	mg/L		05/07/25 05:15	05/07/25 14:29	1

Lab Sample ID: LCS 680-881925/2-A

Matrix: Water

Analysis Batch: 881999

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 881925

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.0500	0.0495		mg/L		99	80 - 120
Arsenic	0.100	0.101		mg/L		101	80 - 120
Barium	0.100	0.0982		mg/L		98	80 - 120
Beryllium	0.0500	0.0540		mg/L		108	80 - 120
Boron	0.400	0.422		mg/L		106	80 - 120
Cadmium	0.0500	0.0511		mg/L		102	80 - 120
Calcium	5.00	5.20		mg/L		104	80 - 120
Chromium	0.100	0.101		mg/L		101	80 - 120
Cobalt	0.0500	0.0524		mg/L		105	80 - 120
Lead	0.500	0.502		mg/L		100	80 - 120
Lithium	0.500	0.492		mg/L		98	80 - 120
Molybdenum	0.100	0.101		mg/L		101	80 - 120
Selenium	0.100	0.104		mg/L		104	80 - 120
Thallium	0.0500	0.0508		mg/L		102	80 - 120

Lab Sample ID: 400-275223-1 MS

Matrix: Water

Analysis Batch: 881999

Client Sample ID: MW-D4-20250429

Prep Type: Total Recoverable

Prep Batch: 881925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	ND		0.0500	0.0499		mg/L		100	75 - 125
Arsenic	ND		0.100	0.101		mg/L		101	75 - 125
Barium	0.014		0.100	0.115		mg/L		101	75 - 125
Beryllium	ND		0.0500	0.0537		mg/L		107	75 - 125
Boron	ND		0.400	0.436		mg/L		109	75 - 125
Cadmium	ND		0.0500	0.0505		mg/L		101	75 - 125
Calcium	42		5.00	47.4	4	mg/L		101	75 - 125
Chromium	0.0012	J	0.100	0.102		mg/L		102	75 - 125
Cobalt	ND		0.0500	0.0515		mg/L		103	75 - 125

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 400-275223-1 MS

Matrix: Water

Analysis Batch: 881999

Client Sample ID: MW-D4-20250429

Prep Type: Total Recoverable

Prep Batch: 881925

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lead	ND		0.500	0.502		mg/L		100	75 - 125
Lithium	0.0020	J	0.500	0.492		mg/L		98	75 - 125
Molybdenum	ND		0.100	0.0992		mg/L		99	75 - 125
Selenium	ND		0.100	0.101		mg/L		101	75 - 125
Thallium	ND		0.0500	0.0506		mg/L		101	75 - 125

Lab Sample ID: 400-275223-1 MSD

Matrix: Water

Analysis Batch: 881999

Client Sample ID: MW-D4-20250429

Prep Type: Total Recoverable

Prep Batch: 881925

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	ND		0.0500	0.0501		mg/L		100	75 - 125	0	20
Arsenic	ND		0.100	0.102		mg/L		102	75 - 125	1	20
Barium	0.014		0.100	0.112		mg/L		98	75 - 125	3	20
Beryllium	ND		0.0500	0.0541		mg/L		108	75 - 125	1	20
Boron	ND		0.400	0.445		mg/L		111	75 - 125	2	20
Cadmium	ND		0.0500	0.0517		mg/L		103	75 - 125	2	20
Calcium	42		5.00	47.7	4	mg/L		107	75 - 125	1	20
Chromium	0.0012	J	0.100	0.104		mg/L		104	75 - 125	2	20
Cobalt	ND		0.0500	0.0523		mg/L		105	75 - 125	1	20
Lead	ND		0.500	0.515		mg/L		103	75 - 125	3	20
Lithium	0.0020	J	0.500	0.482		mg/L		96	75 - 125	2	20
Molybdenum	ND		0.100	0.102		mg/L		102	75 - 125	3	20
Selenium	ND		0.100	0.102		mg/L		102	75 - 125	1	20
Thallium	ND		0.0500	0.0516		mg/L		103	75 - 125	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 680-881902/1-A

Matrix: Water

Analysis Batch: 881943

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 881902

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000080	mg/L		05/06/25 12:51	05/06/25 16:02	1

Lab Sample ID: LCS 680-881902/2-A

Matrix: Water

Analysis Batch: 881943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 881902

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00250	0.00311	*+	mg/L		124	80 - 120

Lab Sample ID: 400-275223-4 MS

Matrix: Water

Analysis Batch: 881943

Client Sample ID: MW-D7-20250429

Prep Type: Total/NA

Prep Batch: 881902

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	ND	*+	0.00100	0.000967		mg/L		97	80 - 120

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 400-275223-4 MSD

Matrix: Water

Analysis Batch: 881943

Client Sample ID: MW-D7-20250429

Prep Type: Total/NA

Prep Batch: 881902

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	ND	*+	0.00100	0.000933		mg/L		93	80 - 120	4	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-707949/1

Matrix: Water

Analysis Batch: 707949

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		5.0	5.0	mg/L			05/02/25 15:32	1

Lab Sample ID: LCS 400-707949/2

Matrix: Water

Analysis Batch: 707949

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	282		mg/L		96	78 - 122

Lab Sample ID: 400-275122-H-2 DU

Matrix: Water

Analysis Batch: 707949

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	3000		3000		mg/L		0.7	5

Lab Sample ID: MB 400-708232/1

Matrix: Water

Analysis Batch: 708232

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		5.0	5.0	mg/L			05/06/25 10:56	1

Lab Sample ID: LCS 400-708232/2

Matrix: Water

Analysis Batch: 708232

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	290		mg/L		99	78 - 122

Lab Sample ID: 400-275173-I-2 DU

Matrix: Water

Analysis Batch: 708232

Client Sample ID: Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	340		350		mg/L		3	5

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: MB 400-708314/1

Matrix: Water

Analysis Batch: 708314

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		5.0	5.0	mg/L			05/06/25 16:33	1

Lab Sample ID: LCS 400-708314/2

Matrix: Water

Analysis Batch: 708314

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	288		mg/L		98	78 - 122

Lab Sample ID: 400-275223-6 DU

Matrix: Water

Analysis Batch: 708314

Client Sample ID: MW-D9-20250430

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	170		172		mg/L		0	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-708706/46

Matrix: Water

Analysis Batch: 708706

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.0	1.4	mg/L			05/09/25 14:36	1

Lab Sample ID: LCS 400-708706/47

Matrix: Water

Analysis Batch: 708706

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.7		mg/L		99	90 - 110

Lab Sample ID: MRL 400-708706/48

Matrix: Water

Analysis Batch: 708706

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.00	2.07		mg/L		104	50 - 150

Lab Sample ID: 400-275223-2 MS

Matrix: Water

Analysis Batch: 708706

Client Sample ID: MW-D5-20250430

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	7.7		20.0	26.4		mg/L		93	73 - 120

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: 400-275223-2 MSD

Matrix: Water

Analysis Batch: 708706

Client Sample ID: MW-D5-20250430

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	7.7		20.0	27.1		mg/L		97	73 - 120	3	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-708098/9

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	ND		0.10	0.022	mg/L			05/05/25 12:07	1

Lab Sample ID: LCS 400-708098/11

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	5.00	4.92		mg/L		98	90 - 110

Lab Sample ID: MRL 400-708098/10

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.100	0.103		mg/L		103	50 - 150

Lab Sample ID: 400-275207-B-1 MS

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.11		1.00	1.13		mg/L		102	75 - 125

Lab Sample ID: 400-275207-B-1 MSD

Matrix: Water

Analysis Batch: 708098

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.11		1.00	1.13		mg/L		102	75 - 125	0	4

Lab Sample ID: 400-275223-3 DU

Matrix: Water

Analysis Batch: 708098

Client Sample ID: MW-D6-20250430

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Fluoride	0.092	J	0.0884	J	mg/L		4	4

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-708576/12

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.4	mg/L			05/08/25 13:37	1

Lab Sample ID: LCS 400-708576/13

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.6		mg/L		98	90 - 110

Lab Sample ID: MRL 400-708576/14

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	3.76	J	mg/L		75	50 - 150

Lab Sample ID: 240-223608-A-5 MS

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	45	J F1	10.0	48.0	J 4	mg/L		26	77 - 128

Lab Sample ID: 240-223608-A-5 MSD

Matrix: Water

Analysis Batch: 708576

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	45	J F1	10.0	47.7	J 4	mg/L		24	77 - 128	1	5

Lab Sample ID: MB 400-708802/12

Matrix: Water

Analysis Batch: 708802

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.4	mg/L			05/11/25 20:17	1

Lab Sample ID: LCS 400-708802/13

Matrix: Water

Analysis Batch: 708802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.6		mg/L		97	90 - 110

Lab Sample ID: MRL 400-708802/14

Matrix: Water

Analysis Batch: 708802

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.63	J	mg/L		93	50 - 150

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: 400-275574-A-1 MS

Matrix: Water

Analysis Batch: 708802

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Sulfate	77		10.0	82.5	4	mg/L		53	77 - 128		

Lab Sample ID: 400-275574-A-1 MSD

Matrix: Water

Analysis Batch: 708802

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	77		10.0	82.1	4	mg/L		50	77 - 128	0	5

Chain of Custody Record

Client Information			Carrier Tracking No(s): 400-134357-29334.1			
Client Contact: Yongji Wang & Jacob Tracy			Page: 1 of 1			
Phone: 515-708-3635			State of Origin: GA			
E-Mail: Cheyenne.Whitmire@et.eurofinsus.com			Job #:			
Company: Geosyntec Consultants Inc			Analysis Requested			
Address: 1255 Roberts Blvd, NW Suite 200			Preservation Codes: D-HNO3, N - None			
City: Kennesaw			Field Sampling - Field pH			
State, Zip: GA, 30144			SM4500_C, E - Chloride			
Phone: 770-371-6027			7470A - Mercury			
Email: dyifru@geosyntec.com			2540C - Total Dissolved Solids			
Project Name: CCR App.III/IV GW Monitoring Crisp Co			4500_F, C - Fluoride			
Site: Crisp County Power Commission			SM4500_S04_E - Sulfate			
Sample Identification			Special Instructions/Note:			
MMW-D4 - 20250429	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wastewater, BT=tissue, A=air)	Field pH	Special Instructions/Note:
MMW-D5 - 20250430	04/29/25	1428	G	Water	X	pH = 7.58
MMW-D6 - 20250430	04/30/25	0953	G	Water	X	pH = 6.85
MMW-D7 - 20250429	04/30/25	1324	G	Water	X	pH = 7.93
MMW-D8 - 20250429	04/29/25	1743	G	Water	X	pH = 7.43
MMW-D9 - 20250430	04/29/25	1617	G	Water	X	pH = 7.38
DUP-13 - 20250430	04/30/25	0952	G	Water	X	pH = 7.58
Possible Hazard Identification					Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)	
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological					☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)					Special Instructions/QC Requirements:	
Empty Kit Relinquished by: Yongji Wang					Method of Shipment:	
Relinquished by: Yongji Wang					Received by: Company	
Relinquished by:					Received by: Company	
Relinquished by:					Received by: Company	
Custody Seals Intact: A Yes A No					Cooler Temperature(s) °C and Other Remarks: 0207 12/25 100	

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-275223-1

Login Number: 275223

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C, 0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-25
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-25
California	State	2510	06-30-25
Florida	NELAP	E81010	06-30-25
Georgia	State	E81010(FL)	06-30-25
Illinois	NELAP	200041	10-09-25
Kansas	NELAP	E-10253	10-31-25
Kentucky (UST)	State	53	06-30-25
Louisiana (All)	NELAP	30976	06-30-25
Louisiana (DW)	State	LA017	12-31-25
North Carolina (WW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	08-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-25
Tennessee	State	TN02907	06-30-25
Texas	NELAP	T104704286	09-30-25
US Fish & Wildlife	US Federal Programs	A22340	06-30-25
USDA	US Federal Programs	FLGNV23001	01-08-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
Virginia	NELAP	460166	06-14-25
West Virginia DEP	State	136	03-31-26

Laboratory: Eurofins Savannah

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
	AFCEE	SAVLAB	
Alabama	State	41450	06-30-25
ANAB	Dept. of Defense ELAP	L2463	09-22-26
Arkansas (DW)	State	GA00006	06-30-25
Arkansas DEQ	State	88-00692	02-09-26
Florida	NELAP	E87052	06-30-25
Georgia	State	E87052	06-30-25
Georgia (DW)	State	803	06-30-25
Hawaii	State	<cert No.>	06-30-25
Illinois	NELAP	200022	11-30-25
Iowa	State	353	07-01-25
Kentucky (UST)	State	108138	06-30-24 *
Louisiana (All)	NELAP	30690	06-30-25
Maine	State	GA00006	09-25-26
Maryland	State	250	12-31-25
Mississippi	State	<cert No.>	06-30-25
Nebraska	State	NE-OS-7-04	06-30-25
New Mexico	State	GA00006	06-30-25
North Carolina (DW)	State	13701	07-31-25
North Carolina (WW/SW)	State	269	12-31-25
Puerto Rico	State	GA00006	01-15-26
South Carolina	State	98001	06-30-25
Tennessee	State	TN02961	06-30-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-1

Laboratory: Eurofins Savannah (Continued)

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	TCEQ Water Supply	T104704185	06-30-25
USDA	US Federal Programs	P330-18-00313	04-04-27
Virginia	NELAP	460161	06-14-25
Wyoming	State	8TMS-L	06-30-25

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

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JOB DESCRIPTION

Crisp County Power Commission

JOB NUMBER

400-275223-2

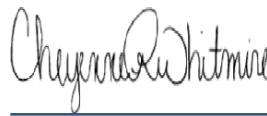
Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Geosyntec Consultants Inc
Project: Crisp County Power Commission

Job ID: 400-275223-2

Job ID: 400-275223-2

Eurofins Pensacola

Job Narrative 400-275223-2

Receipt

The samples were received on 5/2/2025 10:10 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.0° C and 0.0° C.

RAD

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Eurofins Pensacola

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-275223-1	MW-D4-20250429	Water	04/29/25 14:28	05/02/25 10:10
400-275223-2	MW-D5-20250430	Water	04/30/25 09:53	05/02/25 10:10
400-275223-3	MW-D6-20250430	Water	04/30/25 13:24	05/02/25 10:10
400-275223-4	MW-D7-20250429	Water	04/29/25 17:43	05/02/25 10:10
400-275223-5	MW-D8-20250429	Water	04/29/25 16:17	05/02/25 10:10
400-275223-6	MW-D9-20250430	Water	04/30/25 09:52	05/02/25 10:10
400-275223-7	DUP-13-20250430	Water	04/30/25 00:00	05/02/25 10:10

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D4-20250429

Lab Sample ID: 400-275223-1

Date Collected: 04/29/25 14:28

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.00504	U	0.236	0.236	1.00	0.462	pCi/L	05/08/25 09:13	06/03/25 22:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					05/08/25 09:13	06/03/25 22:02	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.300	U	0.522	0.523	1.00	0.890	pCi/L	05/08/25 09:19	06/03/25 13:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	74.1		30 - 110					05/08/25 09:19	06/03/25 13:52	1
Y Carrier	82.2		30 - 110					05/08/25 09:19	06/03/25 13:52	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.305	U	0.573	0.574	5.00	0.890	pCi/L		06/05/25 09:35	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D5-20250430

Lab Sample ID: 400-275223-2

Date Collected: 04/30/25 09:53

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0144	U	0.123	0.123	1.00	0.272	pCi/L	05/08/25 09:13	06/03/25 22:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/08/25 09:13	06/03/25 22:03	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.170	U	0.268	0.269	1.00	0.560	pCi/L	05/08/25 09:19	06/03/25 13:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.3		30 - 110					05/08/25 09:19	06/03/25 13:52	1
Y Carrier	82.6		30 - 110					05/08/25 09:19	06/03/25 13:52	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.184	U	0.295	0.296	5.00	0.560	pCi/L		06/05/25 09:35	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D6-20250430

Lab Sample ID: 400-275223-3

Date Collected: 04/30/25 13:24

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0213	U	0.127	0.127	1.00	0.285	pCi/L	05/08/25 09:13	06/03/25 22:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110					05/08/25 09:13	06/03/25 22:03	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.122	U	0.412	0.412	1.00	0.729	pCi/L	05/08/25 09:19	06/03/25 13:53	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.8		30 - 110					05/08/25 09:19	06/03/25 13:53	1
Y Carrier	80.4		30 - 110					05/08/25 09:19	06/03/25 13:53	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.100	U	0.431	0.431	5.00	0.729	pCi/L		06/05/25 09:35	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D7-20250429

Lab Sample ID: 400-275223-4

Date Collected: 04/29/25 17:43

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.140	U	0.200	0.200	1.00	0.339	pCi/L	05/08/25 09:13	06/03/25 22:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.4		30 - 110					05/08/25 09:13	06/03/25 22:03	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.289	U	0.447	0.448	1.00	0.760	pCi/L	05/08/25 09:19	06/03/25 13:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	71.4		30 - 110					05/08/25 09:19	06/03/25 13:52	1
Y Carrier	78.9		30 - 110					05/08/25 09:19	06/03/25 13:52	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.428	U	0.490	0.491	5.00	0.760	pCi/L		06/05/25 09:35	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D8-20250429

Lab Sample ID: 400-275223-5

Date Collected: 04/29/25 16:17

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0309	U	0.147	0.147	1.00	0.323	pCi/L	05/08/25 09:13	06/03/25 22:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					05/08/25 09:13	06/03/25 22:03	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0104	U	0.337	0.337	1.00	0.636	pCi/L	05/08/25 09:19	06/03/25 13:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.6		30 - 110					05/08/25 09:19	06/03/25 13:52	1
Y Carrier	81.5		30 - 110					05/08/25 09:19	06/03/25 13:52	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0413	U	0.368	0.368	5.00	0.636	pCi/L		06/05/25 09:35	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D9-20250430

Lab Sample ID: 400-275223-6

Date Collected: 04/30/25 09:52

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.120	U	0.178	0.179	1.00	0.307	pCi/L	05/12/25 07:37	06/05/25 18:06	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					05/12/25 07:37	06/05/25 18:06	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.246	U	0.326	0.326	1.00	0.544	pCi/L	05/12/25 07:40	06/05/25 11:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.3		30 - 110					05/12/25 07:40	06/05/25 11:57	1
Y Carrier	82.6		30 - 110					05/12/25 07:40	06/05/25 11:57	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.367	U	0.371	0.372	5.00	0.544	pCi/L		06/05/25 09:35	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: DUP-13-20250430

Lab Sample ID: 400-275223-7

Date Collected: 04/30/25 00:00

Matrix: Water

Date Received: 05/02/25 10:10

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0264	U	0.166	0.166	1.00	0.332	pCi/L	05/08/25 09:13	06/03/25 22:03	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.6		30 - 110					05/08/25 09:13	06/03/25 22:03	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.916		0.565	0.571	1.00	0.845	pCi/L	05/08/25 09:19	06/03/25 13:52	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	77.6		30 - 110					05/08/25 09:19	06/03/25 13:52	1
Y Carrier	79.6		30 - 110					05/08/25 09:19	06/03/25 13:52	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.943		0.589	0.595	5.00	0.845	pCi/L		06/05/25 09:35	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D4-20250429

Lab Sample ID: 400-275223-1

Date Collected: 04/29/25 14:28

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716555	OGC	EET SL	05/08/25 09:13
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 22:02
Total/NA	Prep	PrecSep_0			716558	OGC	EET SL	05/08/25 09:19
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 13:52
Total/NA	Analysis	Ra226_Ra228		1	720801	SCB	EET SL	06/05/25 09:35

Client Sample ID: MW-D5-20250430

Lab Sample ID: 400-275223-2

Date Collected: 04/30/25 09:53

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716555	OGC	EET SL	05/08/25 09:13
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 22:03
Total/NA	Prep	PrecSep_0			716558	OGC	EET SL	05/08/25 09:19
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 13:52
Total/NA	Analysis	Ra226_Ra228		1	720801	SCB	EET SL	06/05/25 09:35

Client Sample ID: MW-D6-20250430

Lab Sample ID: 400-275223-3

Date Collected: 04/30/25 13:24

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716555	OGC	EET SL	05/08/25 09:13
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 22:03
Total/NA	Prep	PrecSep_0			716558	OGC	EET SL	05/08/25 09:19
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 13:53
Total/NA	Analysis	Ra226_Ra228		1	720801	SCB	EET SL	06/05/25 09:35

Client Sample ID: MW-D7-20250429

Lab Sample ID: 400-275223-4

Date Collected: 04/29/25 17:43

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716555	OGC	EET SL	05/08/25 09:13
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 22:03
Total/NA	Prep	PrecSep_0			716558	OGC	EET SL	05/08/25 09:19
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 13:52
Total/NA	Analysis	Ra226_Ra228		1	720801	SCB	EET SL	06/05/25 09:35

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Client Sample ID: MW-D8-20250429

Lab Sample ID: 400-275223-5

Date Collected: 04/29/25 16:17

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716555	OGC	EET SL	05/08/25 09:13
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 22:03
Total/NA	Prep	PrecSep_0			716558	OGC	EET SL	05/08/25 09:19
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 13:52
Total/NA	Analysis	Ra226_Ra228		1	720801	SCB	EET SL	06/05/25 09:35

Client Sample ID: MW-D9-20250430

Lab Sample ID: 400-275223-6

Date Collected: 04/30/25 09:52

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			717134	BMW	EET SL	05/12/25 07:37
Total/NA	Analysis	9315		1	720981	FLC	EET SL	06/05/25 18:06
Total/NA	Prep	PrecSep_0			717135	BMW	EET SL	05/12/25 07:40
Total/NA	Analysis	9320		1	720981	FLC	EET SL	06/05/25 11:57
Total/NA	Analysis	Ra226_Ra228		1	720801	SCB	EET SL	06/05/25 09:35

Client Sample ID: DUP-13-20250430

Lab Sample ID: 400-275223-7

Date Collected: 04/30/25 00:00

Matrix: Water

Date Received: 05/02/25 10:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			716555	OGC	EET SL	05/08/25 09:13
Total/NA	Analysis	9315		1	720467	FLC	EET SL	06/03/25 22:03
Total/NA	Prep	PrecSep_0			716558	OGC	EET SL	05/08/25 09:19
Total/NA	Analysis	9320		1	720468	FLC	EET SL	06/03/25 13:52
Total/NA	Analysis	Ra226_Ra228		1	720801	SCB	EET SL	06/05/25 09:35

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Rad

Prep Batch: 716555

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	PrecSep-21	
400-275223-2	MW-D5-20250430	Total/NA	Water	PrecSep-21	
400-275223-3	MW-D6-20250430	Total/NA	Water	PrecSep-21	
400-275223-4	MW-D7-20250429	Total/NA	Water	PrecSep-21	
400-275223-5	MW-D8-20250429	Total/NA	Water	PrecSep-21	
400-275223-7	DUP-13-20250430	Total/NA	Water	PrecSep-21	
MB 160-716555/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-716555/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
400-275223-1 DU	MW-D4-20250429	Total/NA	Water	PrecSep-21	

Prep Batch: 716558

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-1	MW-D4-20250429	Total/NA	Water	PrecSep_0	
400-275223-2	MW-D5-20250430	Total/NA	Water	PrecSep_0	
400-275223-3	MW-D6-20250430	Total/NA	Water	PrecSep_0	
400-275223-4	MW-D7-20250429	Total/NA	Water	PrecSep_0	
400-275223-5	MW-D8-20250429	Total/NA	Water	PrecSep_0	
400-275223-7	DUP-13-20250430	Total/NA	Water	PrecSep_0	
MB 160-716558/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-716558/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
400-275223-1 DU	MW-D4-20250429	Total/NA	Water	PrecSep_0	

Prep Batch: 717134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-6	MW-D9-20250430	Total/NA	Water	PrecSep-21	
MB 160-717134/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-717134/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
280-207085-D-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 717135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-275223-6	MW-D9-20250430	Total/NA	Water	PrecSep_0	
MB 160-717135/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-717135/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
280-207085-D-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-716555/1-A

Matrix: Water

Analysis Batch: 720467

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 716555

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.007550	U	0.139	0.139	1.00	0.300	pCi/L	05/08/25 09:13	06/03/25 20:10	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					05/08/25 09:13	06/03/25 20:10	1

Lab Sample ID: LCS 160-716555/2-A

Matrix: Water

Analysis Batch: 720467

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 716555

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	9.463		1.27	1.00	0.313	pCi/L	99	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	82.3		30 - 110							

Lab Sample ID: 400-275223-1 DU

Matrix: Water

Analysis Batch: 720467

Client Sample ID: MW-D4-20250429

Prep Type: Total/NA

Prep Batch: 716555

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.00504	U	-0.01127	U	0.164	1.00	0.342	pCi/L	0.04	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	83.6		30 - 110							

Lab Sample ID: MB 160-717134/1-A

Matrix: Water

Analysis Batch: 720979

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 717134

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01066	U	0.161	0.161	1.00	0.324	pCi/L	05/12/25 07:37	06/05/25 17:55	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.0		30 - 110					05/12/25 07:37	06/05/25 17:55	1

Lab Sample ID: LCS 160-717134/2-A

Matrix: Water

Analysis Batch: 720979

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 717134

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.58	8.289		1.15	1.00	0.302	pCi/L	87	75 - 125

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Method: 9315 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-717134/2-A
Matrix: Water
Analysis Batch: 720979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717134

	LCS	LCS	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	87.6		30 - 110

Lab Sample ID: 280-207085-D-1-A DU
Matrix: Water
Analysis Batch: 720981

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 717134

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	-0.117	U	0.02816	U	0.337	1.00	0.664	pCi/L	0.23	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	61.9		30 - 110							

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-716558/1-A
Matrix: Water
Analysis Batch: 720468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 716558

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.05438	U	0.369	0.369	1.00	0.675	pCi/L	05/08/25 09:19	06/03/25 13:34	1
	MB	MB								
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					05/08/25 09:19	06/03/25 13:34	1
Y Carrier	80.7		30 - 110					05/08/25 09:19	06/03/25 13:34	1

Lab Sample ID: LCS 160-716558/2-A
Matrix: Water
Analysis Batch: 720468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 716558

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.38	10.82		1.53	1.00	0.738	pCi/L	115	75 - 125
	LCS	LCS							
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	82.3		30 - 110						
Y Carrier	80.0		30 - 110						

Lab Sample ID: 400-275223-1 DU
Matrix: Water
Analysis Batch: 720468

Client Sample ID: MW-D4-20250429
Prep Type: Total/NA
Prep Batch: 716558

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.300	U	0.1817	U	0.378	1.00	0.658	pCi/L	0.13	1

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: 400-275223-1 DU
Matrix: Water
Analysis Batch: 720468

Client Sample ID: MW-D4-20250429
Prep Type: Total/NA
Prep Batch: 716558

	DU	DU	
Carrier	%Yield	Qualifier	Limits
Ba Carrier	83.6		30 - 110
Y Carrier	82.2		30 - 110

Lab Sample ID: MB 160-717135/1-A
Matrix: Water
Analysis Batch: 720979

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 717135

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2496	U	0.298	0.298	1.00	0.490	pCi/L	05/12/25 07:40	06/05/25 11:54	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	92.0		30 - 110					05/12/25 07:40	06/05/25 11:54	1
Y Carrier	83.0		30 - 110					05/12/25 07:40	06/05/25 11:54	1

Lab Sample ID: LCS 160-717135/2-A
Matrix: Water
Analysis Batch: 720979

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 717135

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	9.38	9.913		1.35	1.00	0.491	pCi/L	106	75 - 125
Carrier	%Yield	Qualifier	Limits						
Ba Carrier	87.6		30 - 110						
Y Carrier	81.1		30 - 110						

Lab Sample ID: 280-207085-D-1-B DU
Matrix: Water
Analysis Batch: 720979

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 717135

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	0.524	U	-0.07399	U	0.497	1.00	0.960	pCi/L	0.56	1
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	61.9		30 - 110							
Y Carrier	84.9		30 - 110							

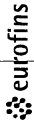
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3355 McLemore Drive

Pensacola, FL 32514

Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record



Environment Testing

Client Information		Sampler: Yongli Wang & Jacob Tracy		Lab PM: Whitmore, Cheyenne R		Carrier Tracking No(s): 400-134357-29334.1	
Client Contact: Dawit Yifru		Phone: 515-708-3635		E-Mail: Cheyenne.Whitmore@et.eurofins.com		State of Origin: GA	
Company: Geosyntec Consultants Inc		PWSID:		Analysis Requested		Job #:	
Address: 1255 Roberts Blvd, NW Suite 200		Due Date Requested:		TAT Requested (days): Standard		Preservation Codes: D - HNO3, N - None	
City: Kennesaw		Compliance Project: ☒ Yes ☒ No		PO #: 770-371-6027		Field Sampling - Field pH	
State Zip: GA, 30144		Purchase Order not required		WO #:		SM4500 - Sulfate	
Phone: 770-371-6027		Project #: 40007960		SSOW#:		4500 - F - Fluoride	
Email: dyifru@geosyntec.com		Sample Date		Sample Time		2540C - Total Dissolved Solids	
Project Name: CCR App. III/IV GW Monitoring Crisp Co		Sample Type (C=Comp, G=Grab)		Matrix (W=Water, S=Solid, O=Waste/Sl, BT=Tissue, A=Air)		7470A - Mercury	
Site: Crisp County Power Commission		Sample Identification		Sample Date		6020 - Sb,As,Ba,Bi,Ca,Cd,Cr,Cu,Li,Pb,Tl,Se,Mo	
MW-D4 - 20250429	04/24/25 1428	G	Water	N	X	X	SM4500 - Cl ⁻ - Chloride
MW-D5 - 20250430	04/30/25 0953	G	Water	N	X	X	9315, Ra226, 9320, Ra228, Ra226Ra228, GPPC
MW-D6 - 20250430	04/30/25 1324	G	Water	N	X	X	7470A - Mercury
MW-D7 - 20250429	04/29/25 1743	G	Water	N	X	X	2540C - Total Dissolved Solids
MW-D8 - 20250429	04/29/25 1617	G	Water	N	X	X	4500 - F - Fluoride
MW-D9 - 20250430	04/30/25 0952	G	Water	N	X	X	SM4500 - Sulfate
DUP-13 - 20250430	04/30/25 0007	G	Water	N	X	X	7470A - Mercury
				Special Instructions/Note: pH = 7.58, 6.85, 7.93, 7.43, 7.38, 7.58			
				Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)			
				Return To Client ☐ Disposal By Lab ☒ Archive For _____ Months			
				Special Instructions/QC Requirements:			
				Empty Kit Relinquished by: _____ Date: _____			
				Relinquished by: Yongli Wang Date/Time: 05/01/25 0831			
				Relinquished by: _____ Date/Time: _____			
				Relinquished by: _____ Date/Time: _____			
				Custody Seals Intact: ☒ Yes ☐ No			
				Custody Seal No.: 0202 R28, 10.0			

Ver: 03/27/2025

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-275223-2

Login Number: 275223

List Source: Eurofins Pensacola

List Number: 1

Creator: Beecher (Roberts), Alexis J

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C, 0.0°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Received Trip Blank(s) not listed on COC.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: Crisp County Power Commission

Job ID: 400-275223-2

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	06-30-25
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-25
HI - RadChem Recognition	State	n/a	06-30-25
Illinois	NELAP	200023	11-30-25
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-25
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-25
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	09-30-25
Massachusetts	State	M-MO054	06-30-25
MI - RadChem Recognition	State	9005	06-30-25
Missouri	State	780	06-30-25
Nevada	State	MO00054	07-31-25
New Jersey	NELAP	MO002	06-30-25
New Mexico	State	MO00054	06-30-25
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	06-08-25
North Dakota	State	R-207	06-30-25
Oklahoma	NELAP	9997	08-31-25
Oregon	NELAP	4157	09-01-25
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-25
Texas	NELAP	T104704193	07-31-25
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-25
Virginia	NELAP	460230	06-14-25
Washington	State	C592	08-30-25
West Virginia DEP	State	381	10-31-25

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pensacola

October 2025

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

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JOB DESCRIPTION

CCR App.III/IV GW Monitoring
Crisp County Power Commission

JOB NUMBER

400-284694-1

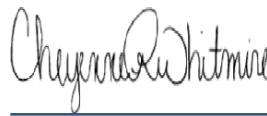
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Job Notes

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Authorization



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Authorized for release by
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(850)471-6222

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Case Narrative

Client: Geosyntec Consultants Inc
Project: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1

Job ID: 400-284694-1

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Job Narrative 400-284694-1

Receipt

The samples were received on 10/24/2025 8:33 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.0° C, 0.0° C, 0.3° C and 1.3° C.

Metals

Method 6020B: The continuing calibration verification (CCV) associated with batch 670-184347 recovered above the upper control limit for lead. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is: 400-284694-1 - 4; 400-284694-5-11 (CCV 670-184520/130).

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-728208 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 SO4 E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-729683 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Eurofins Pensacola

Detection Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Client Sample ID: MW-U1-20251022

Lab Sample ID: 400-284694-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Boron	0.0074	J	0.050	0.0035	mg/L	1			6010D	Total Recoverable
Calcium	36		0.50	0.058	mg/L	1			6010D	Total Recoverable
Barium	0.0019	J	0.0040	0.00037	mg/L	1			6020B	Total Recoverable
Chromium	0.0014	J	0.0020	0.00039	mg/L	1			6020B	Total Recoverable
Total Dissolved Solids	94		5.0	5.0	mg/L	1			SM 2540C	Total/NA
Chloride	1.9	J	2.0	1.4	mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.088	J	0.10	0.022	mg/L	1			SM 4500 F C	Total/NA
Sulfate	2.0	J	5.0	1.4	mg/L	1			SM 4500 SO4 E	Total/NA
Field pH	7.548				SU	1			Field Sampling	Total/NA

Client Sample ID: MW-U2-20251022

Lab Sample ID: 400-284694-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Boron	0.010	J	0.050	0.0035	mg/L	1			6010D	Total Recoverable
Calcium	15		0.50	0.058	mg/L	1			6010D	Total Recoverable
Barium	0.013		0.0040	0.00037	mg/L	1			6020B	Total Recoverable
Chromium	0.0014	J	0.0020	0.00039	mg/L	1			6020B	Total Recoverable
Total Dissolved Solids	60		5.0	5.0	mg/L	1			SM 2540C	Total/NA
Chloride	1.8	J	2.0	1.4	mg/L	1			SM 4500 Cl- E	Total/NA
Fluoride	0.047	J	0.10	0.022	mg/L	1			SM 4500 F C	Total/NA
Sulfate	22		5.0	1.4	mg/L	1			SM 4500 SO4 E	Total/NA
Field pH	6.995				SU	1			Field Sampling	Total/NA

Client Sample ID: EB-20251023

Lab Sample ID: 400-284694-3

No Detections.

Client Sample ID: FB-20251023

Lab Sample ID: 400-284694-4

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET ORL
6020B	Metals (ICP/MS)	SW846	EET ORL
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PEN
SM 4500 Cl- E	Chloride, Total	SM	EET PEN
SM 4500 F C	Fluoride	SM	EET PEN
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
Field Sampling	Field Sampling	EPA	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ORL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-284694-1	MW-U1-20251022	Water	10/22/25 11:55	10/24/25 08:33	Georgia
400-284694-2	MW-U2-20251022	Water	10/22/25 12:05	10/24/25 08:33	Georgia
400-284694-3	EB-20251023	Water	10/23/25 13:42	10/24/25 08:33	Georgia
400-284694-4	FB-20251023	Water	10/23/25 13:45	10/24/25 08:33	Georgia

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Client Sample ID: MW-U1-20251022

Lab Sample ID: 400-284694-1

Date Collected: 10/22/25 11:55

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0074	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:02	1
Calcium	36		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:02	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:02	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0019	J	0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:19	1
Cadmium	ND		0.0020	0.000070	mg/L		10/28/25 11:28	10/28/25 16:19	1
Chromium	0.0014	J	0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:19	1
Cobalt	ND		0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:19	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:19	1
Molybdenum	ND		0.0020	0.00025	mg/L		10/28/25 11:28	10/28/25 16:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	94		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	1.9	J	2.0	1.4	mg/L			10/27/25 10:22	1
Fluoride (SM 4500 F C)	0.088	J	0.10	0.022	mg/L			10/27/25 12:59	1
Sulfate (SM 4500 SO4 E)	2.0	J	5.0	1.4	mg/L			10/27/25 08:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.548				SU			10/22/25 10:55	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Client Sample ID: MW-U2-20251022

Lab Sample ID: 400-284694-2

Date Collected: 10/22/25 12:05

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.010	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:04	1
Calcium	15		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:04	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:04	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.013		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:24	1
Cadmium	ND		0.0020	0.000070	mg/L		10/28/25 11:28	10/28/25 16:24	1
Chromium	0.0014	J	0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:24	1
Cobalt	ND		0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:24	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:24	1
Molybdenum	ND		0.0020	0.00025	mg/L		10/28/25 11:28	10/28/25 16:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	60		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	1.8	J	2.0	1.4	mg/L			10/27/25 10:24	1
Fluoride (SM 4500 F C)	0.047	J	0.10	0.022	mg/L			10/27/25 13:02	1
Sulfate (SM 4500 SO4 E)	22		5.0	1.4	mg/L			10/27/25 08:20	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.995				SU			10/22/25 11:05	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Client Sample ID: EB-20251023

Lab Sample ID: 400-284694-3

Date Collected: 10/23/25 13:42

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:06	1
Calcium	ND		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:06	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:06	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:26	1
Cadmium	ND		0.0020	0.000070	mg/L		10/28/25 11:28	10/28/25 16:26	1
Chromium	ND		0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:26	1
Cobalt	ND		0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:26	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:26	1
Molybdenum	ND		0.0020	0.00025	mg/L		10/28/25 11:28	10/28/25 16:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	ND		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	ND		2.0	1.4	mg/L			10/27/25 10:24	1
Fluoride (SM 4500 F C)	ND		0.10	0.022	mg/L			10/27/25 13:05	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			11/06/25 15:01	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Client Sample ID: FB-20251023

Lab Sample ID: 400-284694-4

Date Collected: 10/23/25 13:45

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:08	1
Calcium	ND		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:08	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:08	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:29	1
Cadmium	ND		0.0020	0.000070	mg/L		10/28/25 11:28	10/28/25 16:29	1
Chromium	ND		0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:29	1
Cobalt	ND		0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:29	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:29	1
Molybdenum	ND		0.0020	0.00025	mg/L		10/28/25 11:28	10/28/25 16:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	ND		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	ND		2.0	1.4	mg/L			10/27/25 10:25	1
Fluoride (SM 4500 F C)	ND		0.10	0.022	mg/L			10/27/25 13:22	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			11/06/25 15:00	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Client Sample ID: MW-U1-20251022

Lab Sample ID: 400-284694-1

Date Collected: 10/22/25 11:55

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:02
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:19
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:22
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 12:59
Total/NA	Analysis	SM 4500 SO4 E		1	728262	CJK	EET PEN	10/27/25 08:20
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/22/25 10:55

Client Sample ID: MW-U2-20251022

Lab Sample ID: 400-284694-2

Date Collected: 10/22/25 12:05

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:04
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:24
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:24
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:02
Total/NA	Analysis	SM 4500 SO4 E		1	728262	CJK	EET PEN	10/27/25 08:20
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/22/25 11:05

Client Sample ID: EB-20251023

Lab Sample ID: 400-284694-3

Date Collected: 10/23/25 13:42

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:06
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:26
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:24
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:05
Total/NA	Analysis	SM 4500 SO4 E		1	729683	CJK	EET PEN	11/06/25 15:01

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Client Sample ID: FB-20251023

Lab Sample ID: 400-284694-4

Date Collected: 10/23/25 13:45

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:08
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:29
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 Cl- E		1	728318	CJK	EET PEN	10/27/25 10:25
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:22
Total/NA	Analysis	SM 4500 SO4 E		1	729683	CJK	EET PEN	11/06/25 15:00

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Metals

Prep Batch: 184346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total Recoverable	Water	3005A	
400-284694-2	MW-U2-20251022	Total Recoverable	Water	3005A	
400-284694-3	EB-20251023	Total Recoverable	Water	3005A	
400-284694-4	FB-20251023	Total Recoverable	Water	3005A	
MB 670-184346/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-184346/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-284694-1 MS	MW-U1-20251022	Total Recoverable	Water	3005A	
400-284694-1 MSD	MW-U1-20251022	Total Recoverable	Water	3005A	

Prep Batch: 184347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total Recoverable	Water	3005A	
400-284694-2	MW-U2-20251022	Total Recoverable	Water	3005A	
400-284694-3	EB-20251023	Total Recoverable	Water	3005A	
400-284694-4	FB-20251023	Total Recoverable	Water	3005A	
MB 670-184347/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-184347/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-184347/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
400-284694-1 MS	MW-U1-20251022	Total Recoverable	Water	3005A	
400-284694-1 MSD	MW-U1-20251022	Total Recoverable	Water	3005A	

Analysis Batch: 184518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total Recoverable	Water	6010D	184346
400-284694-2	MW-U2-20251022	Total Recoverable	Water	6010D	184346
400-284694-3	EB-20251023	Total Recoverable	Water	6010D	184346
400-284694-4	FB-20251023	Total Recoverable	Water	6010D	184346
MB 670-184346/3-A	Method Blank	Total Recoverable	Water	6010D	184346
LCS 670-184346/1-A	Lab Control Sample	Total Recoverable	Water	6010D	184346
400-284694-1 MS	MW-U1-20251022	Total Recoverable	Water	6010D	184346
400-284694-1 MSD	MW-U1-20251022	Total Recoverable	Water	6010D	184346

Analysis Batch: 184520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total Recoverable	Water	6020B	184347
400-284694-2	MW-U2-20251022	Total Recoverable	Water	6020B	184347
400-284694-3	EB-20251023	Total Recoverable	Water	6020B	184347
400-284694-4	FB-20251023	Total Recoverable	Water	6020B	184347
MB 670-184347/3-A	Method Blank	Total Recoverable	Water	6020B	184347
LCS 670-184347/1-A	Lab Control Sample	Total Recoverable	Water	6020B	184347
LCSD 670-184347/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	184347
400-284694-1 MS	MW-U1-20251022	Total Recoverable	Water	6020B	184347
400-284694-1 MSD	MW-U1-20251022	Total Recoverable	Water	6020B	184347

General Chemistry

Analysis Batch: 728208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total/NA	Water	SM 2540C	
400-284694-2	MW-U2-20251022	Total/NA	Water	SM 2540C	
400-284694-3	EB-20251023	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

General Chemistry (Continued)

Analysis Batch: 728208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-4	FB-20251023	Total/NA	Water	SM 2540C	
MB 400-728208/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-728208/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-284694-1 DU	MW-U1-20251022	Total/NA	Water	SM 2540C	

Analysis Batch: 728262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total/NA	Water	SM 4500 SO4 E	
400-284694-2	MW-U2-20251022	Total/NA	Water	SM 4500 SO4 E	
MB 400-728262/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-728262/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-284694-B-12 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-284694-B-12 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 728318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total/NA	Water	SM 4500 Cl- E	
400-284694-2	MW-U2-20251022	Total/NA	Water	SM 4500 Cl- E	
400-284694-3	EB-20251023	Total/NA	Water	SM 4500 Cl- E	
400-284694-4	FB-20251023	Total/NA	Water	SM 4500 Cl- E	
MB 400-728318/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-728318/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-728318/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-284694-1 MS	MW-U1-20251022	Total/NA	Water	SM 4500 Cl- E	
400-284694-1 MSD	MW-U1-20251022	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 728367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total/NA	Water	SM 4500 F C	
400-284694-2	MW-U2-20251022	Total/NA	Water	SM 4500 F C	
400-284694-3	EB-20251023	Total/NA	Water	SM 4500 F C	
400-284694-4	FB-20251023	Total/NA	Water	SM 4500 F C	
MB 400-728367/9	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-728367/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-284651-J-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-284651-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-284694-B-5 DU	Duplicate	Total/NA	Water	SM 4500 F C	

Analysis Batch: 729683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-3	EB-20251023	Total/NA	Water	SM 4500 SO4 E	
400-284694-4	FB-20251023	Total/NA	Water	SM 4500 SO4 E	
MB 400-729683/39	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-729683/40	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-729683/36	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-285010-G-1 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-285010-G-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Field Service / Mobile Lab

Analysis Batch: 728397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total/NA	Water	Field Sampling	
400-284694-2	MW-U2-20251022	Total/NA	Water	Field Sampling	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 670-184346/3-A
Matrix: Water
Analysis Batch: 184518

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		0.045	0.0032	mg/L		10/28/25 11:25	10/28/25 17:55	1
Calcium	ND		0.45	0.052	mg/L		10/28/25 11:25	10/28/25 17:55	1
Lithium	ND		0.018	0.016	mg/L		10/28/25 11:25	10/28/25 17:55	1

Lab Sample ID: LCS 670-184346/1-A
Matrix: Water
Analysis Batch: 184518

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.0832		mg/L		83	80 - 120
Calcium	10.1	10.2		mg/L		101	80 - 120
Lithium	1.10	1.04		mg/L		95	80 - 120

Lab Sample ID: 400-284694-1 MS
Matrix: Water
Analysis Batch: 184518

Client Sample ID: MW-U1-20251022
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.0074	J	0.111	0.105		mg/L		88	70 - 120
Calcium	36		11.2	47.2		mg/L		95	70 - 120
Lithium	ND		1.22	1.17		mg/L		96	70 - 120

Lab Sample ID: 400-284694-1 MSD
Matrix: Water
Analysis Batch: 184518

Client Sample ID: MW-U1-20251022
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.0074	J	0.111	0.100		mg/L		84	70 - 120	4	20
Calcium	36		11.2	47.2		mg/L		96	70 - 120	0	20
Lithium	ND		1.22	1.17		mg/L		96	70 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-184347/3-A
Matrix: Water
Analysis Batch: 184520

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 184347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0036	0.00033	mg/L		10/28/25 11:28	10/28/25 16:11	1
Cadmium	ND		0.0018	0.000063	mg/L		10/28/25 11:28	10/28/25 16:11	1
Chromium	ND		0.0018	0.00035	mg/L		10/28/25 11:28	10/28/25 16:11	1
Cobalt	ND		0.0018	0.000092	mg/L		10/28/25 11:28	10/28/25 16:11	1
Lead	ND	^+	0.0018	0.00022	mg/L		10/28/25 11:28	10/28/25 16:11	1
Molybdenum	ND		0.0018	0.00022	mg/L		10/28/25 11:28	10/28/25 16:11	1

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 670-184347/1-A

Matrix: Water

Analysis Batch: 184520

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.103		mg/L		103	80 - 120
Cadmium	0.100	0.0955		mg/L		95	80 - 120
Chromium	0.100	0.0987		mg/L		99	80 - 120
Cobalt	0.100	0.0952		mg/L		95	80 - 120
Lead	0.100	0.103	^+	mg/L		103	80 - 120
Molybdenum	0.100	0.100		mg/L		100	80 - 120

Lab Sample ID: LCSD 670-184347/2-A

Matrix: Water

Analysis Batch: 184520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.100	0.0991		mg/L		99	80 - 120	4	20
Cadmium	0.100	0.0923		mg/L		92	80 - 120	3	20
Chromium	0.100	0.0990		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.0967		mg/L		97	80 - 120	2	20
Lead	0.100	0.0993	^+	mg/L		99	80 - 120	3	20
Molybdenum	0.100	0.101		mg/L		101	80 - 120	1	20

Lab Sample ID: 400-284694-1 MS

Matrix: Water

Analysis Batch: 184520

Client Sample ID: MW-U1-20251022

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.0019	J	0.111	0.117		mg/L		104	75 - 125
Cadmium	ND		0.111	0.104		mg/L		94	75 - 125
Chromium	0.0014	J	0.111	0.110		mg/L		98	75 - 125
Cobalt	ND		0.111	0.105		mg/L		94	75 - 125
Lead	ND	^+	0.111	0.112	^+	mg/L		100	75 - 125
Molybdenum	ND		0.111	0.113		mg/L		102	75 - 125

Lab Sample ID: 400-284694-1 MSD

Matrix: Water

Analysis Batch: 184520

Client Sample ID: MW-U1-20251022

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.0019	J	0.111	0.118		mg/L		104	75 - 125	1	20
Cadmium	ND		0.111	0.105		mg/L		95	75 - 125	1	20
Chromium	0.0014	J	0.111	0.112		mg/L		99	75 - 125	1	20
Cobalt	ND		0.111	0.106		mg/L		95	75 - 125	1	20
Lead	ND	^+	0.111	0.113	^+	mg/L		101	75 - 125	1	20
Molybdenum	ND		0.111	0.112		mg/L		101	75 - 125	1	20

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-728208/1
Matrix: Water
Analysis Batch: 728208

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		5.0	5.0	mg/L			10/25/25 17:17	1

Lab Sample ID: LCS 400-728208/2
Matrix: Water
Analysis Batch: 728208

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	274		mg/L		94	78 - 122

Lab Sample ID: 400-284694-1 DU
Matrix: Water
Analysis Batch: 728208

Client Sample ID: MW-U1-20251022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	94		104	F3	mg/L		10	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-728318/13
Matrix: Water
Analysis Batch: 728318

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.0	1.4	mg/L			10/27/25 10:13	1

Lab Sample ID: LCS 400-728318/14
Matrix: Water
Analysis Batch: 728318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.9		mg/L		100	90 - 110

Lab Sample ID: MRL 400-728318/15
Matrix: Water
Analysis Batch: 728318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.00	2.27		mg/L		114	50 - 150

Lab Sample ID: 400-284694-1 MS
Matrix: Water
Analysis Batch: 728318

Client Sample ID: MW-U1-20251022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.9	J	20.0	19.6		mg/L		88	73 - 120

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: 400-284694-1 MSD
Matrix: Water
Analysis Batch: 728318

Client Sample ID: MW-U1-20251022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.9	J	20.0	20.5		mg/L		93	73 - 120	5	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-728367/9
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	ND		0.10	0.022	mg/L			10/27/25 12:27	1

Lab Sample ID: LCS 400-728367/11
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	5.00	5.11		mg/L		102	90 - 110

Lab Sample ID: 400-284651-J-1 MS
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.17		1.00	1.24		mg/L		106	75 - 125

Lab Sample ID: 400-284651-J-1 MSD
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.17		1.00	1.24		mg/L		106	75 - 125	0	4

Lab Sample ID: 400-284694-B-5 DU
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Fluoride	0.13		0.131		mg/L		0	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-728262/12
Matrix: Water
Analysis Batch: 728262

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.4	mg/L			10/27/25 08:01	1

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-728262/13

Matrix: Water

Analysis Batch: 728262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	15.2		mg/L		102	90 - 110

Lab Sample ID: 400-284694-B-12 MS

Matrix: Water

Analysis Batch: 728262

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15		10.0	26.1		mg/L		107	77 - 128

Lab Sample ID: 400-284694-B-12 MSD

Matrix: Water

Analysis Batch: 728262

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	15		10.0	26.0		mg/L		105	77 - 128	0	5

Lab Sample ID: MB 400-729683/39

Matrix: Water

Analysis Batch: 729683

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.4	mg/L			11/06/25 14:50	1

Lab Sample ID: LCS 400-729683/40

Matrix: Water

Analysis Batch: 729683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	14.8		mg/L		98	90 - 110

Lab Sample ID: MRL 400-729683/36

Matrix: Water

Analysis Batch: 729683

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.69	J	mg/L		94	50 - 150

Lab Sample ID: 400-285010-G-1 MS

Matrix: Water

Analysis Batch: 729683

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	14	F1	10.0	26.8	F1	mg/L		132	77 - 128

Lab Sample ID: 400-285010-G-1 MSD

Matrix: Water

Analysis Batch: 729683

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	14	F1	10.0	26.9	F1	mg/L		132	77 - 128	0	5

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Eurofins Pensacola

3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

eurofins | Environment Testing

Client Information		Sampler: Yongli Wang & Jacob Tracy		Lab PM: Whitmire, Cheyenne R		Carrier Tracking No(s):		COC No: 400-134357-29334.1																																									
Client Contact: Dawit Yifru		Phone: 515-708-3635		E-Mail: Cheyenne.Whitmire@et.eurofinsus.com		State of Origin: GA		Page: Page 1 of 1																																									
Company: Geosyntec Consultants Inc		PWSID		Analysis Requested																																													
Address: 1255 Roberts Blvd, NW Suite 200		Due Date Requested		<table border="1"><tr><td>9315_Ra228, 9320_Ra228, Ra228Ra228_GFPFC</td><td>SM4600_Ci_E - Chloride</td><td>6010D_Ca, Li, B</td><td>8020B - Ba, Cd, Cr, Li, Mo, Co, Pb</td><td>2540C - Total Dissolved Solids</td><td>4500_F_C - Fluoride</td><td>SM4600_SO4_E - Sulfate</td><td>Field Sampling - Field pH</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>						9315_Ra228, 9320_Ra228, Ra228Ra228_GFPFC	SM4600_Ci_E - Chloride	6010D_Ca, Li, B	8020B - Ba, Cd, Cr, Li, Mo, Co, Pb	2540C - Total Dissolved Solids	4500_F_C - Fluoride	SM4600_SO4_E - Sulfate	Field Sampling - Field pH																																
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City: Kennesaw		TAT Requested (days): Standard		Preservation Codes: D - HNO3 N - None																																													
State Zip: GA, 30144		Compliance Project: ☐ Yes ☐ No																																															
Phone: 770-371-6027		PO #: Purchase Order not required																																															
Email: dyifru@geosyntec.com		WO #:																																															
Project Name: CCR App III/IV GW Monitoring Crisp Co		Project #: 40007960		Other																																													
Site: Crisp County Power Commission		SSON#:																																															
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=sediment, O=wastewater, BT=tissue, A=air)					Special Instructions/Note:																																							
MW-U1 -2025/022		6/22/25	1155	G	Water	N	N	X	X	X	X	X	X	X	X	pH = 7.548																																	
MW-U2 -2025/022		6/22/25	1205	G	Water	N	N	X	X	X	X	X	X	X	X	pH = 6.995																																	
EB -2025/023		6/23/25	1342	G	Water	N	N	X	X	X	X	X	X	X	X																																		
FB -2025/023		6/23/25	1345	G	Water	N	N	X	X	X	X	X	X	X	X																																		
400-284694 Chain of Custody		400-284694 Chain of Custody		400-284694 Chain of Custody		400-284694 Chain of Custody		400-284694 Chain of Custody		400-284694 Chain of Custody		400-284694 Chain of Custody		400-284694 Chain of Custody		400-284694 Chain of Custody																																	
Possible Hazard Identification		☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																																													
Deliverable Requested: I, II, III, IV, Other (specify)				☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months																																													
Empty Kit Relinquished by:		Date:		Time:		Method of Shipment:																																											
Relinquished by: Yongli Wang		Date/Time: 6/23/25 1420		Company: Geosyntec		Received by: [Signature]		Date/Time: 6/24/25/833		Company: Eurofins																																							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																																							
Relinquished by:		Date/Time:		Company:		Received by:		Date/Time:		Company:																																							
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No		Cooler Temperature(s) and other Remarks: 0.0°C 0.0°C 1.3°C																																													

Ver- 03/27/2025

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-284694-1

SDG Number: Crisp County Power Commission

Login Number: 284694

List Source: Eurofins Pensacola

List Number: 1

Creator: Pardonner, Brett

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 0.0°C 0.3°C 1.3°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-1
SDG: Crisp County Power Commission

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-26
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-26
Florida	NELAP	E81010	06-30-26
Georgia	State	E81010(FL)	06-30-26
Illinois	NELAP	200041	10-31-26
Kansas	NELAP	E-10253	10-31-26
Kentucky (UST)	State	53	06-30-26
Louisiana (All)	NELAP	30976	06-30-26
Louisiana (DW)	State	LA017	12-31-25
North Carolina (VW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	12-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-26
Tennessee	State	TN02907	06-30-26
Texas	NELAP	T104704286	09-30-26
US Fish & Wildlife	US Federal Programs	A22340	06-30-26
USDA	US Federal Programs	FLGNV23001A1	01-08-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
Virginia	NELAP	460166	06-14-26
West Virginia DEP	State	136	03-31-26

Laboratory: Eurofins Orlando

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-26
Arkansas (DW)	State	FL00091	06-30-26
Florida	NELAP	E83018	06-30-26
Georgia	State	E83018 (FL)	06-30-26
Georgia (DW)	State	C055	06-30-26
Louisiana (DW)	State	LA039	12-31-25
Mississippi	State	MS00007	06-30-26
New Mexico	State	FL00091	06-30-26
North Carolina (DW)	State	12712	07-31-26
North Carolina (VW/SW)	State	699	12-31-25
Puerto Rico	State	FL00091	01-31-26
Tennessee	State	TN04930	06-30-26
Texas	NELAP	T104704571	02-28-26
USDA	US Federal Programs	P525-23-138-94710	05-18-26

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

Generated 12/2/2025 6:58:28 PM

JOB DESCRIPTION

CCR App.III/IV GW Monitoring
Crisp County Power Commission

JOB NUMBER

400-284694-2

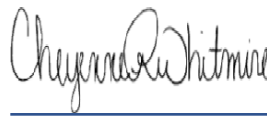
Eurofins Pensacola

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Authorized for release by
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Case Narrative

Client: Geosyntec Consultants Inc
Project: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2

Job ID: 400-284694-2

Eurofins Pensacola

Job Narrative 400-284694-2

Receipt

The samples were received on 10/24/2025 8:33 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.0° C, 0.0° C, 0.3° C and 1.3° C.

RAD

Method 9320, RA-06-RC: Radium 228 Batch 743265. The Radium-228 laboratory control sample (LCS) associated with the following samples recovered at 127%: (LCS 160-743265/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Eurofins Pensacola

Method Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-284694-1	MW-U1-20251022	Water	10/22/25 11:55	10/24/25 08:33	Georgia
400-284694-2	MW-U2-20251022	Water	10/22/25 12:05	10/24/25 08:33	Georgia
400-284694-3	EB-20251023	Water	10/23/25 13:42	10/24/25 08:33	Georgia
400-284694-4	FB-20251023	Water	10/23/25 13:45	10/24/25 08:33	Georgia

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Client Sample ID: MW-U1-20251022

Lab Sample ID: 400-284694-1

Date Collected: 10/22/25 11:55

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0777	U	0.224	0.224	1.00	0.468	pCi/L	10/31/25 15:37	11/26/25 16:58	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					10/31/25 15:37	11/26/25 16:58	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.466	U	0.443	0.445	1.00	0.709	pCi/L	10/31/25 15:43	11/26/25 10:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	83.2		30 - 110					10/31/25 15:43	11/26/25 10:01	1
Y Carrier	79.3		30 - 110					10/31/25 15:43	11/26/25 10:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.388	U	0.496	0.498	5.00	0.709	pCi/L		12/01/25 11:43	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Client Sample ID: MW-U2-20251022

Lab Sample ID: 400-284694-2

Date Collected: 10/22/25 12:05

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0539	U	0.170	0.170	1.00	0.363	pCi/L	10/31/25 15:37	11/26/25 16:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					10/31/25 15:37	11/26/25 16:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.220	U	0.411	0.412	1.00	0.707	pCi/L	10/31/25 15:43	11/26/25 10:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					10/31/25 15:43	11/26/25 10:01	1
Y Carrier	79.3		30 - 110					10/31/25 15:43	11/26/25 10:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.166	U	0.445	0.446	5.00	0.707	pCi/L		12/01/25 11:43	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Client Sample ID: EB-20251023

Lab Sample ID: 400-284694-3

Date Collected: 10/23/25 13:42

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.130	U	0.190	0.190	1.00	0.324	pCi/L	10/31/25 15:37	11/26/25 16:56	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					10/31/25 15:37	11/26/25 16:56	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.555	U	0.464	0.467	1.00	0.732	pCi/L	10/31/25 15:43	11/26/25 10:01	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	84.3		30 - 110					10/31/25 15:43	11/26/25 10:01	1
Y Carrier	84.5		30 - 110					10/31/25 15:43	11/26/25 10:01	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.684	U	0.501	0.504	5.00	0.732	pCi/L		12/01/25 11:43	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Client Sample ID: FB-20251023

Lab Sample ID: 400-284694-4

Date Collected: 10/23/25 13:45

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0208	U	0.169	0.169	1.00	0.356	pCi/L	10/31/25 15:37	11/26/25 16:57	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					10/31/25 15:37	11/26/25 16:57	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.107	U	0.393	0.393	1.00	0.710	pCi/L	10/31/25 15:43	11/26/25 10:02	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	78.6		30 - 110					10/31/25 15:43	11/26/25 10:02	1
Y Carrier	77.4		30 - 110					10/31/25 15:43	11/26/25 10:02	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0859	U	0.428	0.428	5.00	0.710	pCi/L		12/01/25 11:43	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Client Sample ID: MW-U1-20251022

Lab Sample ID: 400-284694-1

Date Collected: 10/22/25 11:55

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743264	AMS	EET SL	10/31/25 15:37
Total/NA	Analysis	9315		1	747116	SWS	EET SL	11/26/25 16:58
Total/NA	Prep	PrecSep_0			743265	AMS	EET SL	10/31/25 15:43
Total/NA	Analysis	9320		1	747111	SWS	EET SL	11/26/25 10:01
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/01/25 11:43

Client Sample ID: MW-U2-20251022

Lab Sample ID: 400-284694-2

Date Collected: 10/22/25 12:05

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743264	AMS	EET SL	10/31/25 15:37
Total/NA	Analysis	9315		1	747117	SWS	EET SL	11/26/25 16:56
Total/NA	Prep	PrecSep_0			743265	AMS	EET SL	10/31/25 15:43
Total/NA	Analysis	9320		1	747111	SWS	EET SL	11/26/25 10:01
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/01/25 11:43

Client Sample ID: EB-20251023

Lab Sample ID: 400-284694-3

Date Collected: 10/23/25 13:42

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743264	AMS	EET SL	10/31/25 15:37
Total/NA	Analysis	9315		1	747117	SWS	EET SL	11/26/25 16:56
Total/NA	Prep	PrecSep_0			743265	AMS	EET SL	10/31/25 15:43
Total/NA	Analysis	9320		1	747111	SWS	EET SL	11/26/25 10:01
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/01/25 11:43

Client Sample ID: FB-20251023

Lab Sample ID: 400-284694-4

Date Collected: 10/23/25 13:45

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743264	AMS	EET SL	10/31/25 15:37
Total/NA	Analysis	9315		1	747117	SWS	EET SL	11/26/25 16:57
Total/NA	Prep	PrecSep_0			743265	AMS	EET SL	10/31/25 15:43
Total/NA	Analysis	9320		1	747111	SWS	EET SL	11/26/25 10:02
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/01/25 11:43

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Eurofins Pensacola

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Rad

Prep Batch: 743264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total/NA	Water	PrecSep-21	
400-284694-2	MW-U2-20251022	Total/NA	Water	PrecSep-21	
400-284694-3	EB-20251023	Total/NA	Water	PrecSep-21	
400-284694-4	FB-20251023	Total/NA	Water	PrecSep-21	
MB 160-743264/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-743264/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
280-215725-C-2-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 743265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-1	MW-U1-20251022	Total/NA	Water	PrecSep_0	
400-284694-2	MW-U2-20251022	Total/NA	Water	PrecSep_0	
400-284694-3	EB-20251023	Total/NA	Water	PrecSep_0	
400-284694-4	FB-20251023	Total/NA	Water	PrecSep_0	
MB 160-743265/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-743265/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
280-215725-C-2-B DU	Duplicate	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-743264/1-A

Matrix: Water

Analysis Batch: 747110

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 743264

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.1064	U	0.168	0.169	1.00	0.293	pCi/L	10/31/25 15:37	11/26/25 16:43	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					10/31/25 15:37	11/26/25 16:43	1

Lab Sample ID: LCS 160-743264/2-A

Matrix: Water

Analysis Batch: 747110

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 743264

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.631		1.29	1.00	0.335	pCi/L	101	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	82.9		30 - 110							

Lab Sample ID: 280-215725-C-2-A DU

Matrix: Water

Analysis Batch: 747116

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 743264

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	-0.0430	U	0.08460	U	0.171	1.00	0.308	pCi/L	0.37	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	93.4		30 - 110							

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-743265/1-A

Matrix: Water

Analysis Batch: 747158

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 743265

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2009	U	0.396	0.396	1.00	0.779	pCi/L	10/31/25 15:43	11/26/25 10:07	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	82.6		30 - 110					10/31/25 15:43	11/26/25 10:07	1
Y Carrier	80.0		30 - 110					10/31/25 15:43	11/26/25 10:07	1

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-743265/2-A
Matrix: Water
Analysis Batch: 747158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 743265

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228		7.90	10.06		1.47	1.00	0.780	pCi/L	127	75 - 125
	LCS	LCS								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	82.9		30 - 110							
Y Carrier	80.0		30 - 110							

Lab Sample ID: 280-215725-C-2-B DU
Matrix: Water
Analysis Batch: 747158

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 743265

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	-0.312	U	0.2831	U	0.387	1.00	0.646	pCi/L	0.91	1
	DU	DU								
Carrier	%Yield	Qualifier	Limits							
Ba Carrier	93.4		30 - 110							
Y Carrier	82.2		30 - 110							

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-284694-2

SDG Number: Crisp County Power Commission

Login Number: 284694

List Number: 1

Creator: Pardonner, Brett

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 0.0°C 0.3°C 1.3°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

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Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-2
SDG: Crisp County Power Commission

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	07-01-26
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-26
HI - RadChem Recognition	State	n/a	06-30-26
Illinois	NELAP	200023	11-30-25 *
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-26
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-26
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	10-01-26
Massachusetts	State	M-MO054	06-30-26
MI - RadChem Recognition	State	9005	06-30-26
Missouri	State	780	06-30-28
Nevada	State	MO00054	07-31-26
New Jersey	NELAP	MO002	06-30-26
New Mexico	State	MO00054	06-30-26
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	06-30-26
North Dakota	State	R-207	06-30-25 *
Oklahoma	NELAP	9997	12-31-25
Oregon	NELAP	4157	09-01-26
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-26
Texas	NELAP	T104704193	07-31-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-26
Virginia	NELAP	460230	06-14-26
Washington	State	C592	08-31-26
West Virginia DEP	State	381	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pensacola

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

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JOB DESCRIPTION

CCR App.III/IV GW Monitoring
Crisp County Power Commission

JOB NUMBER

400-284694-3

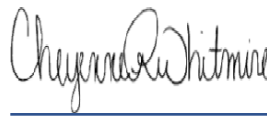
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Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Case Narrative

Client: Geosyntec Consultants Inc
Project: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3

Job ID: 400-284694-3

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Job Narrative 400-284694-3

Receipt

The samples were received on 10/24/2025 8:33 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.0° C, 0.0° C, 0.3° C and 1.3° C.

Metals

Method 6020B: The continuing calibration verification (CCV) associated with batch 670-184347 recovered above the upper control limit for lead. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are: 400-284694-1 - 4; 400-284694-5-11 (CCV 670-184520/130) and (CCV 670-184520/134).

General Chemistry

Method SM 2540C: The sample duplicate (DUP) precision for analytical batch 400-728208 was outside control limits. Sample non-homogeneity is suspected.

Method SM 4500 Cl- E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 400-728999 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Detection Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D4-20251022

Lab Sample ID: 400-284694-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.0056	J	0.050	0.0035	mg/L	1		6010D	Total Recoverable
Calcium	44		0.50	0.058	mg/L	1		6010D	Total Recoverable
Barium	0.015		0.0040	0.00037	mg/L	1		6020B	Total Recoverable
Chromium	0.0011	J	0.0020	0.00039	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	150		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	2.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.13		0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Field pH	7.617				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D5-20251022

Lab Sample ID: 400-284694-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.0090	J	0.050	0.0035	mg/L	1		6010D	Total Recoverable
Calcium	43		0.50	0.058	mg/L	1		6010D	Total Recoverable
Barium	0.030		0.0040	0.00037	mg/L	1		6020B	Total Recoverable
Chromium	0.00083	J	0.0020	0.00039	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	150		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.6		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.033	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	1.7	J	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	6.791				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D6-20251023

Lab Sample ID: 400-284694-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.0083	J	0.050	0.0035	mg/L	1		6010D	Total Recoverable
Calcium	35		0.50	0.058	mg/L	1		6010D	Total Recoverable
Barium	0.0097		0.0040	0.00037	mg/L	1		6020B	Total Recoverable
Chromium	0.0022		0.0020	0.00039	mg/L	1		6020B	Total Recoverable
Cobalt	0.00021	J	0.0020	0.00010	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	140		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.6		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.10		0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	3.3	J	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	7.995				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D7-20251023

Lab Sample ID: 400-284694-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.039	J	0.050	0.0035	mg/L	1		6010D	Total Recoverable
Calcium	69		0.50	0.058	mg/L	1		6010D	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D7-20251023 (Continued)

Lab Sample ID: 400-284694-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Barium	0.060		0.0040	0.00037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00023	J	0.0020	0.00010	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	230		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	4.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.078	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	3.4	J	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	7.443				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D8-20251023

Lab Sample ID: 400-284694-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.042	J	0.050	0.0035	mg/L	1		6010D	Total Recoverable
Calcium	77		0.50	0.058	mg/L	1		6010D	Total Recoverable
Barium	0.051		0.0040	0.00037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00027	J	0.0020	0.00010	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	230		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	6.3		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.059	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	14		5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	7.463				SU	1		Field Sampling	Total/NA

Client Sample ID: MW-D9-20251023

Lab Sample ID: 400-284694-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.0073	J	0.050	0.0035	mg/L	1		6010D	Total Recoverable
Calcium	53		0.50	0.058	mg/L	1		6010D	Total Recoverable
Barium	0.034		0.0040	0.00037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00012	J	0.0020	0.00010	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	180		5.0	5.0	mg/L	1		SM 2540C	Total/NA
Chloride	2.1		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.085	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	2.0	J	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA
Field pH	7.680				SU	1		Field Sampling	Total/NA

Client Sample ID: DUP-14-20251023

Lab Sample ID: 400-284694-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Boron	0.040	J	0.050	0.0035	mg/L	1		6010D	Total Recoverable
Calcium	68		0.50	0.058	mg/L	1		6010D	Total Recoverable
Barium	0.061		0.0040	0.00037	mg/L	1		6020B	Total Recoverable
Cobalt	0.00026	J	0.0020	0.00010	mg/L	1		6020B	Total Recoverable
Total Dissolved Solids	220		5.0	5.0	mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: DUP-14-20251023 (Continued)

Lab Sample ID: 400-284694-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	3.7		2.0	1.4	mg/L	1		SM 4500 Cl- E	Total/NA
Fluoride	0.075	J	0.10	0.022	mg/L	1		SM 4500 F C	Total/NA
Sulfate	3.9	J	5.0	1.4	mg/L	1		SM 4500 SO4 E	Total/NA

This Detection Summary does not include radiochemical test results.

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Method Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method	Method Description	Protocol	Laboratory
6010D	Metals (ICP)	SW846	EET ORL
6020B	Metals (ICP/MS)	SW846	EET ORL
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET PEN
SM 4500 Cl- E	Chloride, Total	SM	EET PEN
SM 4500 F C	Fluoride	SM	EET PEN
SM 4500 SO4 E	Sulfate, Total	SM	EET PEN
Field Sampling	Field Sampling	EPA	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET ORL

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-284694-5	MW-D4-20251022	Water	10/22/25 14:05	10/24/25 08:33	Georgia
400-284694-6	MW-D5-20251022	Water	10/22/25 13:53	10/24/25 08:33	Georgia
400-284694-7	MW-D6-20251023	Water	10/23/25 11:24	10/24/25 08:33	Georgia
400-284694-8	MW-D7-20251023	Water	10/23/25 09:54	10/24/25 08:33	Georgia
400-284694-9	MW-D8-20251023	Water	10/23/25 11:47	10/24/25 08:33	Georgia
400-284694-10	MW-D9-20251023	Water	10/23/25 12:59	10/24/25 08:33	Georgia
400-284694-11	DUP-14-20251023	Water	10/23/25 00:00	10/24/25 08:33	Georgia

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D4-20251022

Lab Sample ID: 400-284694-5

Date Collected: 10/22/25 14:05

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0056	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:10	1
Calcium	44		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:10	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:10	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.015		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:31	1
Chromium	0.0011	J	0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:31	1
Cobalt	ND		0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:31	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	2.7		2.0	1.4	mg/L			10/27/25 10:25	1
Fluoride (SM 4500 F C)	0.13		0.10	0.022	mg/L			10/27/25 13:15	1
Sulfate (SM 4500 SO4 E)	ND		5.0	1.4	mg/L			10/27/25 08:21	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.617				SU			10/22/25 13:05	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D5-20251022

Lab Sample ID: 400-284694-6

Date Collected: 10/22/25 13:53

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0090	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:13	1
Calcium	43		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:13	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:13	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.030		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:34	1
Chromium	0.00083	J	0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:34	1
Cobalt	ND		0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:34	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	150		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	6.6		2.0	1.4	mg/L			10/27/25 10:26	1
Fluoride (SM 4500 F C)	0.033	J	0.10	0.022	mg/L			10/27/25 13:24	1
Sulfate (SM 4500 SO4 E)	1.7	J	5.0	1.4	mg/L			10/27/25 08:21	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	6.791				SU			10/22/25 12:53	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D6-20251023

Lab Sample ID: 400-284694-7

Date Collected: 10/23/25 11:24

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0083	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:15	1
Calcium	35		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:15	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:15	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.0097		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:37	1
Chromium	0.0022		0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:37	1
Cobalt	0.00021	J	0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:37	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	140		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	4.6		2.0	1.4	mg/L			10/27/25 10:26	1
Fluoride (SM 4500 F C)	0.10		0.10	0.022	mg/L			10/27/25 13:27	1
Sulfate (SM 4500 SO4 E)	3.3	J	5.0	1.4	mg/L			11/04/25 13:24	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.995				SU			10/23/25 10:24	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D7-20251023

Lab Sample ID: 400-284694-8

Date Collected: 10/23/25 09:54

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.039	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:17	1
Calcium	69		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:17	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:17	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.060		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:39	1
Chromium	ND		0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:39	1
Cobalt	0.00023	J	0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:39	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	230		5.0	5.0	mg/L			10/27/25 12:47	1
Chloride (SM 4500 Cl- E)	4.7		2.0	1.4	mg/L			10/31/25 14:58	1
Fluoride (SM 4500 F C)	0.078	J	0.10	0.022	mg/L			10/27/25 13:30	1
Sulfate (SM 4500 SO4 E)	3.4	J	5.0	1.4	mg/L			11/04/25 13:24	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.443				SU			10/23/25 08:54	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D8-20251023

Lab Sample ID: 400-284694-9

Date Collected: 10/23/25 11:47

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.042	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:19	1
Calcium	77		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:19	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:19	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.051		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:42	1
Chromium	ND		0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:42	1
Cobalt	0.00027	J	0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:42	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	230		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	6.3		2.0	1.4	mg/L			10/27/25 10:27	1
Fluoride (SM 4500 F C)	0.059	J	0.10	0.022	mg/L			10/27/25 13:32	1
Sulfate (SM 4500 SO4 E)	14		5.0	1.4	mg/L			11/04/25 13:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.463				SU			10/23/25 10:47	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D9-20251023

Lab Sample ID: 400-284694-10

Date Collected: 10/23/25 12:59

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.0073	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:21	1
Calcium	53		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:21	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:21	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.034		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 16:57	1
Chromium	ND		0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 16:57	1
Cobalt	0.00012	J	0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 16:57	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 16:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	180		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	2.1		2.0	1.4	mg/L			10/27/25 10:27	1
Fluoride (SM 4500 F C)	0.085	J	0.10	0.022	mg/L			10/27/25 13:35	1
Sulfate (SM 4500 SO4 E)	2.0	J	5.0	1.4	mg/L			11/04/25 13:25	1

Method: EPA Field Sampling - Field Sampling

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Field pH	7.680				SU			10/23/25 11:59	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: DUP-14-20251023

Lab Sample ID: 400-284694-11

Date Collected: 10/23/25 00:00

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 6010D - Metals (ICP) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.040	J	0.050	0.0035	mg/L		10/28/25 11:25	10/28/25 18:30	1
Calcium	68		0.50	0.058	mg/L		10/28/25 11:25	10/28/25 18:30	1
Lithium	ND		0.020	0.018	mg/L		10/28/25 11:25	10/28/25 18:30	1

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.061		0.0040	0.00037	mg/L		10/28/25 11:28	10/28/25 17:00	1
Chromium	ND		0.0020	0.00039	mg/L		10/28/25 11:28	10/28/25 17:00	1
Cobalt	0.00026	J	0.0020	0.00010	mg/L		10/28/25 11:28	10/28/25 17:00	1
Lead	ND	^+	0.0020	0.00024	mg/L		10/28/25 11:28	10/28/25 17:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids (SM 2540C)	220		5.0	5.0	mg/L			10/25/25 17:17	1
Chloride (SM 4500 Cl- E)	3.7		2.0	1.4	mg/L			10/27/25 10:28	1
Fluoride (SM 4500 F C)	0.075	J	0.10	0.022	mg/L			10/27/25 13:38	1
Sulfate (SM 4500 SO4 E)	3.9	J	5.0	1.4	mg/L			10/27/25 08:36	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Qualifiers

Metals

Qualifier	Qualifier Description
^+	Continuing Calibration Verification (CCV) is outside acceptance limits, high biased.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

General Chemistry

Qualifier	Qualifier Description
F3	Duplicate RPD exceeds the control limit
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D4-20251022

Lab Sample ID: 400-284694-5

Date Collected: 10/22/25 14:05

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:10
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:31
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:25
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:15
Total/NA	Analysis	SM 4500 SO4 E		1	728262	CJK	EET PEN	10/27/25 08:21
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/22/25 13:05

Client Sample ID: MW-D5-20251022

Lab Sample ID: 400-284694-6

Date Collected: 10/22/25 13:53

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:13
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:34
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:26
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:24
Total/NA	Analysis	SM 4500 SO4 E		1	728262	CJK	EET PEN	10/27/25 08:21
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/22/25 12:53

Client Sample ID: MW-D6-20251023

Lab Sample ID: 400-284694-7

Date Collected: 10/23/25 11:24

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:15
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:37
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:26
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:27
Total/NA	Analysis	SM 4500 SO4 E		1	729369	CJK	EET PEN	11/04/25 13:24
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/23/25 10:24

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: MW-D7-20251023

Lab Sample ID: 400-284694-8

Date Collected: 10/23/25 09:54

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:17
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:39
Total/NA	Analysis	SM 2540C		1	728332	YC	EET PEN	10/27/25 12:47
Total/NA	Analysis	SM 4500 CI- E		1	728999	KWS	EET PEN	10/31/25 14:58
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:30
Total/NA	Analysis	SM 4500 SO4 E		1	729369	CJK	EET PEN	11/04/25 13:24
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/23/25 08:54

Client Sample ID: MW-D8-20251023

Lab Sample ID: 400-284694-9

Date Collected: 10/23/25 11:47

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:19
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:42
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:27
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:32
Total/NA	Analysis	SM 4500 SO4 E		1	729369	CJK	EET PEN	11/04/25 13:25
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/23/25 10:47

Client Sample ID: MW-D9-20251023

Lab Sample ID: 400-284694-10

Date Collected: 10/23/25 12:59

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:21
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 16:57
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 CI- E		1	728318	CJK	EET PEN	10/27/25 10:27
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:35
Total/NA	Analysis	SM 4500 SO4 E		1	729369	CJK	EET PEN	11/04/25 13:25
Total/NA	Analysis	Field Sampling		1	728397	CJ	EET PEN	10/23/25 11:59

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Client Sample ID: DUP-14-20251023

Lab Sample ID: 400-284694-11

Date Collected: 10/23/25 00:00

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			184346	DP	EET ORL	10/28/25 11:25
Total Recoverable	Analysis	6010D		1	184518	AS	EET ORL	10/28/25 18:30
Total Recoverable	Prep	3005A			184347	DP	EET ORL	10/28/25 11:28
Total Recoverable	Analysis	6020B		1	184520	JA	EET ORL	10/28/25 17:00
Total/NA	Analysis	SM 2540C		1	728208	YC	EET PEN	10/25/25 17:17
Total/NA	Analysis	SM 4500 Cl- E		1	728318	CJK	EET PEN	10/27/25 10:28
Total/NA	Analysis	SM 4500 F C		1	728367	JP	EET PEN	10/27/25 13:38
Total/NA	Analysis	SM 4500 SO4 E		1	728262	CJK	EET PEN	10/27/25 08:36

Laboratory References:

EET ORL = Eurofins Orlando, 481 Newburyport Avenue, Altamonte Springs, FL 32701, TEL (407)339-5984

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Metals

Prep Batch: 184346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total Recoverable	Water	3005A	
400-284694-6	MW-D5-20251022	Total Recoverable	Water	3005A	
400-284694-7	MW-D6-20251023	Total Recoverable	Water	3005A	
400-284694-8	MW-D7-20251023	Total Recoverable	Water	3005A	
400-284694-9	MW-D8-20251023	Total Recoverable	Water	3005A	
400-284694-10	MW-D9-20251023	Total Recoverable	Water	3005A	
400-284694-11	DUP-14-20251023	Total Recoverable	Water	3005A	
MB 670-184346/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-184346/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
400-284694-C-1-A MS	Matrix Spike	Total Recoverable	Water	3005A	
400-284694-C-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 184347

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total Recoverable	Water	3005A	
400-284694-6	MW-D5-20251022	Total Recoverable	Water	3005A	
400-284694-7	MW-D6-20251023	Total Recoverable	Water	3005A	
400-284694-8	MW-D7-20251023	Total Recoverable	Water	3005A	
400-284694-9	MW-D8-20251023	Total Recoverable	Water	3005A	
400-284694-10	MW-D9-20251023	Total Recoverable	Water	3005A	
400-284694-11	DUP-14-20251023	Total Recoverable	Water	3005A	
MB 670-184347/3-A	Method Blank	Total Recoverable	Water	3005A	
LCS 670-184347/1-A	Lab Control Sample	Total Recoverable	Water	3005A	
LCSD 670-184347/2-A	Lab Control Sample Dup	Total Recoverable	Water	3005A	
400-284694-C-1-D MS	Matrix Spike	Total Recoverable	Water	3005A	
400-284694-C-1-E MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	

Analysis Batch: 184518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total Recoverable	Water	6010D	184346
400-284694-6	MW-D5-20251022	Total Recoverable	Water	6010D	184346
400-284694-7	MW-D6-20251023	Total Recoverable	Water	6010D	184346
400-284694-8	MW-D7-20251023	Total Recoverable	Water	6010D	184346
400-284694-9	MW-D8-20251023	Total Recoverable	Water	6010D	184346
400-284694-10	MW-D9-20251023	Total Recoverable	Water	6010D	184346
400-284694-11	DUP-14-20251023	Total Recoverable	Water	6010D	184346
MB 670-184346/3-A	Method Blank	Total Recoverable	Water	6010D	184346
LCS 670-184346/1-A	Lab Control Sample	Total Recoverable	Water	6010D	184346
400-284694-C-1-A MS	Matrix Spike	Total Recoverable	Water	6010D	184346
400-284694-C-1-B MSD	Matrix Spike Duplicate	Total Recoverable	Water	6010D	184346

Analysis Batch: 184520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total Recoverable	Water	6020B	184347
400-284694-6	MW-D5-20251022	Total Recoverable	Water	6020B	184347
400-284694-7	MW-D6-20251023	Total Recoverable	Water	6020B	184347
400-284694-8	MW-D7-20251023	Total Recoverable	Water	6020B	184347
400-284694-9	MW-D8-20251023	Total Recoverable	Water	6020B	184347
400-284694-10	MW-D9-20251023	Total Recoverable	Water	6020B	184347
400-284694-11	DUP-14-20251023	Total Recoverable	Water	6020B	184347
MB 670-184347/3-A	Method Blank	Total Recoverable	Water	6020B	184347

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QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Metals (Continued)

Analysis Batch: 184520 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 670-184347/1-A	Lab Control Sample	Total Recoverable	Water	6020B	184347
LCSD 670-184347/2-A	Lab Control Sample Dup	Total Recoverable	Water	6020B	184347
400-284694-C-1-D MS	Matrix Spike	Total Recoverable	Water	6020B	184347
400-284694-C-1-E MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	184347

General Chemistry

Analysis Batch: 728208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total/NA	Water	SM 2540C	
400-284694-6	MW-D5-20251022	Total/NA	Water	SM 2540C	
400-284694-7	MW-D6-20251023	Total/NA	Water	SM 2540C	
400-284694-9	MW-D8-20251023	Total/NA	Water	SM 2540C	
400-284694-10	MW-D9-20251023	Total/NA	Water	SM 2540C	
400-284694-11	DUP-14-20251023	Total/NA	Water	SM 2540C	
MB 400-728208/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-728208/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-284694-B-1 DU	Duplicate	Total/NA	Water	SM 2540C	

Analysis Batch: 728262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total/NA	Water	SM 4500 SO4 E	
400-284694-6	MW-D5-20251022	Total/NA	Water	SM 4500 SO4 E	
400-284694-11	DUP-14-20251023	Total/NA	Water	SM 4500 SO4 E	
MB 400-728262/12	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-728262/13	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-728262/31	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-284694-B-12 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-284694-B-12 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Analysis Batch: 728318

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total/NA	Water	SM 4500 Cl- E	
400-284694-6	MW-D5-20251022	Total/NA	Water	SM 4500 Cl- E	
400-284694-7	MW-D6-20251023	Total/NA	Water	SM 4500 Cl- E	
400-284694-9	MW-D8-20251023	Total/NA	Water	SM 4500 Cl- E	
400-284694-10	MW-D9-20251023	Total/NA	Water	SM 4500 Cl- E	
400-284694-11	DUP-14-20251023	Total/NA	Water	SM 4500 Cl- E	
MB 400-728318/13	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-728318/14	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-728318/15	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-284694-B-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-284694-B-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 728332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-8	MW-D7-20251023	Total/NA	Water	SM 2540C	
MB 400-728332/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 400-728332/2	Lab Control Sample	Total/NA	Water	SM 2540C	
400-284418-C-12 DU	Duplicate	Total/NA	Water	SM 2540C	

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QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

General Chemistry

Analysis Batch: 728367

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total/NA	Water	SM 4500 F C	
400-284694-6	MW-D5-20251022	Total/NA	Water	SM 4500 F C	
400-284694-7	MW-D6-20251023	Total/NA	Water	SM 4500 F C	
400-284694-8	MW-D7-20251023	Total/NA	Water	SM 4500 F C	
400-284694-9	MW-D8-20251023	Total/NA	Water	SM 4500 F C	
400-284694-10	MW-D9-20251023	Total/NA	Water	SM 4500 F C	
400-284694-11	DUP-14-20251023	Total/NA	Water	SM 4500 F C	
MB 400-728367/9	Method Blank	Total/NA	Water	SM 4500 F C	
LCS 400-728367/11	Lab Control Sample	Total/NA	Water	SM 4500 F C	
400-284651-J-1 MS	Matrix Spike	Total/NA	Water	SM 4500 F C	
400-284651-J-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 F C	
400-284694-5 DU	MW-D4-20251022	Total/NA	Water	SM 4500 F C	

Analysis Batch: 728999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-8	MW-D7-20251023	Total/NA	Water	SM 4500 Cl- E	
MB 400-728999/44	Method Blank	Total/NA	Water	SM 4500 Cl- E	
MB 400-728999/75	Method Blank	Total/NA	Water	SM 4500 Cl- E	
LCS 400-728999/45	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
LCS 400-728999/76	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
MRL 400-728999/46	Lab Control Sample	Total/NA	Water	SM 4500 Cl- E	
400-285010-I-1 MS	Matrix Spike	Total/NA	Water	SM 4500 Cl- E	
400-285010-I-1 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 Cl- E	

Analysis Batch: 729369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-7	MW-D6-20251023	Total/NA	Water	SM 4500 SO4 E	
400-284694-8	MW-D7-20251023	Total/NA	Water	SM 4500 SO4 E	
400-284694-9	MW-D8-20251023	Total/NA	Water	SM 4500 SO4 E	
400-284694-10	MW-D9-20251023	Total/NA	Water	SM 4500 SO4 E	
MB 400-729369/34	Method Blank	Total/NA	Water	SM 4500 SO4 E	
LCS 400-729369/32	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
MRL 400-729369/33	Lab Control Sample	Total/NA	Water	SM 4500 SO4 E	
400-284651-K-4 MS	Matrix Spike	Total/NA	Water	SM 4500 SO4 E	
400-284651-K-4 MSD	Matrix Spike Duplicate	Total/NA	Water	SM 4500 SO4 E	

Field Service / Mobile Lab

Analysis Batch: 728397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total/NA	Water	Field Sampling	
400-284694-6	MW-D5-20251022	Total/NA	Water	Field Sampling	
400-284694-7	MW-D6-20251023	Total/NA	Water	Field Sampling	
400-284694-8	MW-D7-20251023	Total/NA	Water	Field Sampling	
400-284694-9	MW-D8-20251023	Total/NA	Water	Field Sampling	
400-284694-10	MW-D9-20251023	Total/NA	Water	Field Sampling	

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 670-184346/3-A
Matrix: Water
Analysis Batch: 184518

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	ND		0.045	0.0032	mg/L		10/28/25 11:25	10/28/25 17:55	1
Calcium	ND		0.45	0.052	mg/L		10/28/25 11:25	10/28/25 17:55	1
Lithium	ND		0.018	0.016	mg/L		10/28/25 11:25	10/28/25 17:55	1

Lab Sample ID: LCS 670-184346/1-A
Matrix: Water
Analysis Batch: 184518

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.100	0.0832		mg/L		83	80 - 120
Calcium	10.1	10.2		mg/L		101	80 - 120
Lithium	1.10	1.04		mg/L		95	80 - 120

Lab Sample ID: 400-284694-C-1-A MS
Matrix: Water
Analysis Batch: 184518

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.0074	J	0.111	0.105		mg/L		88	70 - 120
Calcium	36		11.2	47.2		mg/L		95	70 - 120
Lithium	ND		1.22	1.17		mg/L		96	70 - 120

Lab Sample ID: 400-284694-C-1-B MSD
Matrix: Water
Analysis Batch: 184518

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 184346

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.0074	J	0.111	0.100		mg/L		84	70 - 120	4	20
Calcium	36		11.2	47.2		mg/L		96	70 - 120	0	20
Lithium	ND		1.22	1.17		mg/L		96	70 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 670-184347/3-A
Matrix: Water
Analysis Batch: 184520

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 184347

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	ND		0.0036	0.00033	mg/L		10/28/25 11:28	10/28/25 16:11	1
Chromium	ND		0.0018	0.00035	mg/L		10/28/25 11:28	10/28/25 16:11	1
Cobalt	ND		0.0018	0.000092	mg/L		10/28/25 11:28	10/28/25 16:11	1
Lead	ND	^+	0.0018	0.00022	mg/L		10/28/25 11:28	10/28/25 16:11	1

Lab Sample ID: LCS 670-184347/1-A
Matrix: Water
Analysis Batch: 184520

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 184347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.103		mg/L		103	80 - 120
Chromium	0.100	0.0987		mg/L		99	80 - 120

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 670-184347/1-A

Matrix: Water

Analysis Batch: 184520

Client Sample ID: Lab Control Sample

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Cobalt	0.100	0.0952		mg/L		95	80 - 120
Lead	0.100	0.103	^+	mg/L		103	80 - 120

Lab Sample ID: LCSD 670-184347/2-A

Matrix: Water

Analysis Batch: 184520

Client Sample ID: Lab Control Sample Dup

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.100	0.0991		mg/L		99	80 - 120	4	20
Chromium	0.100	0.0990		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.0967		mg/L		97	80 - 120	2	20
Lead	0.100	0.0993	^+	mg/L		99	80 - 120	3	20

Lab Sample ID: 400-284694-C-1-D MS

Matrix: Water

Analysis Batch: 184520

Client Sample ID: Matrix Spike

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.0019	J	0.111	0.117		mg/L		104	75 - 125
Chromium	0.0014	J	0.111	0.110		mg/L		98	75 - 125
Cobalt	ND		0.111	0.105		mg/L		94	75 - 125
Lead	ND	^+	0.111	0.112	^+	mg/L		100	75 - 125

Lab Sample ID: 400-284694-C-1-E MSD

Matrix: Water

Analysis Batch: 184520

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total Recoverable

Prep Batch: 184347

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.0019	J	0.111	0.118		mg/L		104	75 - 125	1	20
Chromium	0.0014	J	0.111	0.112		mg/L		99	75 - 125	1	20
Cobalt	ND		0.111	0.106		mg/L		95	75 - 125	1	20
Lead	ND	^+	0.111	0.113	^+	mg/L		101	75 - 125	1	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 400-728208/1

Matrix: Water

Analysis Batch: 728208

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		5.0	5.0	mg/L			10/25/25 17:17	1

Lab Sample ID: LCS 400-728208/2

Matrix: Water

Analysis Batch: 728208

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	274		mg/L		94	78 - 122

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: 400-284694-B-1 DU
Matrix: Water
Analysis Batch: 728208

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	94		104	F3	mg/L		10	5

Lab Sample ID: MB 400-728332/1
Matrix: Water
Analysis Batch: 728332

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	ND		5.0	5.0	mg/L			10/27/25 12:47	1

Lab Sample ID: LCS 400-728332/2
Matrix: Water
Analysis Batch: 728332

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	293	272		mg/L		93	78 - 122

Lab Sample ID: 400-284418-C-12 DU
Matrix: Water
Analysis Batch: 728332

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Total Dissolved Solids	54		56.0		mg/L		4	5

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: MB 400-728318/13
Matrix: Water
Analysis Batch: 728318

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.0	1.4	mg/L			10/27/25 10:13	1

Lab Sample ID: LCS 400-728318/14
Matrix: Water
Analysis Batch: 728318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	49.9		mg/L		100	90 - 110

Lab Sample ID: MRL 400-728318/15
Matrix: Water
Analysis Batch: 728318

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.00	2.27		mg/L		114	50 - 150

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method: SM 4500 Cl- E - Chloride, Total (Continued)

Lab Sample ID: 400-284694-B-1 MS

Matrix: Water

Analysis Batch: 728318

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1.9	J	20.0	19.6		mg/L		88	73 - 120

Lab Sample ID: 400-284694-B-1 MSD

Matrix: Water

Analysis Batch: 728318

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1.9	J	20.0	20.5		mg/L		93	73 - 120	5	8

Lab Sample ID: MB 400-728999/44

Matrix: Water

Analysis Batch: 728999

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.0	1.4	mg/L			10/31/25 14:43	1

Lab Sample ID: MB 400-728999/75

Matrix: Water

Analysis Batch: 728999

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	ND		2.0	1.4	mg/L			10/31/25 15:00	1

Lab Sample ID: LCS 400-728999/45

Matrix: Water

Analysis Batch: 728999

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	50.0		mg/L		100	90 - 110

Lab Sample ID: LCS 400-728999/76

Matrix: Water

Analysis Batch: 728999

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.0	51.8		mg/L		104	90 - 110

Lab Sample ID: MRL 400-728999/46

Matrix: Water

Analysis Batch: 728999

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	2.00	2.69		mg/L		134	50 - 150

Lab Sample ID: 400-285010-I-1 MS

Matrix: Water

Analysis Batch: 728999

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	17		20.0	37.1		mg/L		101	73 - 120

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QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method: SM 4500 Cl- E - Chloride, Total

Lab Sample ID: 400-285010-I-1 MSD
Matrix: Water
Analysis Batch: 728999

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	17		20.0	37.9		mg/L		105	73 - 120	2	8

Method: SM 4500 F C - Fluoride

Lab Sample ID: MB 400-728367/9
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	ND		0.10	0.022	mg/L			10/27/25 12:27	1

Lab Sample ID: LCS 400-728367/11
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	5.00	5.11		mg/L		102	90 - 110

Lab Sample ID: 400-284651-J-1 MS
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Matrix Spike
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.17		1.00	1.24		mg/L		106	75 - 125

Lab Sample ID: 400-284651-J-1 MSD
Matrix: Water
Analysis Batch: 728367

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.17		1.00	1.24		mg/L		106	75 - 125	0	4

Lab Sample ID: 400-284694-5 DU
Matrix: Water
Analysis Batch: 728367

Client Sample ID: MW-D4-20251022
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Fluoride	0.13		0.131		mg/L		0	4

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: MB 400-728262/12
Matrix: Water
Analysis Batch: 728262

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.4	mg/L			10/27/25 08:01	1

Eurofins Pensacola

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method: SM 4500 SO4 E - Sulfate, Total (Continued)

Lab Sample ID: LCS 400-728262/13

Matrix: Water

Analysis Batch: 728262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	15.2		mg/L		102	90 - 110

Lab Sample ID: MRL 400-728262/31

Matrix: Water

Analysis Batch: 728262

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	3.79	J	mg/L		76	50 - 150

Lab Sample ID: 400-284694-B-12 MS

Matrix: Water

Analysis Batch: 728262

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15		10.0	26.1		mg/L		107	77 - 128

Lab Sample ID: 400-284694-B-12 MSD

Matrix: Water

Analysis Batch: 728262

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	15		10.0	26.0		mg/L		105	77 - 128	0	5

Lab Sample ID: MB 400-729369/34

Matrix: Water

Analysis Batch: 729369

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	ND		5.0	1.4	mg/L			11/04/25 13:14	1

Lab Sample ID: LCS 400-729369/32

Matrix: Water

Analysis Batch: 729369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	15.0	15.2		mg/L		101	90 - 110

Lab Sample ID: MRL 400-729369/33

Matrix: Water

Analysis Batch: 729369

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	5.00	4.51	J	mg/L		90	50 - 150

Lab Sample ID: 400-284651-K-4 MS

Matrix: Water

Analysis Batch: 729369

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Sulfate	11		10.0	23.7		mg/L		124	77 - 128

Eurofins Pensacola

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Method: SM 4500 SO4 E - Sulfate, Total

Lab Sample ID: 400-284651-K-4 MSD
Matrix: Water
Analysis Batch: 729369

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sulfate	11		10.0	24.0		mg/L		127	77 - 128	1	5

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-284694-3

SDG Number: Crisp County Power Commission

Login Number: 284694

List Number: 1

Creator: Pardonner, Brett

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 0.0°C 0.3°C 1.3°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-3
SDG: Crisp County Power Commission

Laboratory: Eurofins Pensacola

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	40150	06-30-26
ANAB	ISO/IEC 17025	L2471	02-22-26
Arkansas DEQ	State	88-00689	08-01-26
Florida	NELAP	E81010	06-30-26
Georgia	State	E81010(FL)	06-30-26
Illinois	NELAP	200041	10-31-26
Kansas	NELAP	E-10253	10-31-26
Kentucky (UST)	State	53	06-30-26
Louisiana (All)	NELAP	30976	06-30-26
Louisiana (DW)	State	LA017	12-31-25
North Carolina (VW/SW)	State	314	12-31-25
Oklahoma	NELAP	9810	12-31-25
Pennsylvania	NELAP	68-00467	01-31-26
South Carolina	State	96026	06-30-26
Tennessee	State	TN02907	06-30-26
Texas	NELAP	T104704286	09-30-26
US Fish & Wildlife	US Federal Programs	A22340	06-30-26
USDA	US Federal Programs	FLGNV23001A1	01-08-26
USDA	US Federal Programs	525-23-9-22801	01-09-26
Virginia	NELAP	460166	06-14-26
West Virginia DEP	State	136	03-31-26

Laboratory: Eurofins Orlando

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alabama	State	42800	06-30-26
Arkansas (DW)	State	FL00091	06-30-26
Florida	NELAP	E83018	06-30-26
Georgia	State	E83018 (FL)	06-30-26
Georgia (DW)	State	C055	06-30-26
Louisiana (DW)	State	LA039	12-31-25
Mississippi	State	MS00007	06-30-26
New Mexico	State	FL00091	06-30-26
North Carolina (DW)	State	12712	07-31-26
North Carolina (VW/SW)	State	699	12-31-25
Puerto Rico	State	FL00091	01-31-26
Tennessee	State	TN04930	06-30-26
Texas	NELAP	T104704571	02-28-26
USDA	US Federal Programs	P525-23-138-94710	05-18-26

ANALYTICAL REPORT

PREPARED FOR

Attn: Dawit Yifru
Geosyntec Consultants Inc
1255 Roberts Blvd, NW
Suite 200
Kennesaw, Georgia 30144

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JOB DESCRIPTION

CCR App.III/IV GW Monitoring
Crisp County Power Commission

JOB NUMBER

400-284694-4

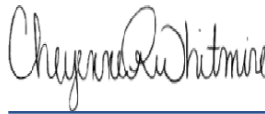
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Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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Method Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Method	Method Description	Protocol	Laboratory
9315	Radium-226 (GFPC)	SW846	EET SL
9320	Radium-228 (GFPC)	SW846	EET SL
Ra226_Ra228	Combined Radium-226 and Radium-228	TAL-STL	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-STL = TestAmerica Laboratories, St. Louis, Facility Standard Operating Procedure.

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
400-284694-5	MW-D4-20251022	Water	10/22/25 14:05	10/24/25 08:33	Georgia
400-284694-6	MW-D5-20251022	Water	10/22/25 13:53	10/24/25 08:33	Georgia
400-284694-7	MW-D6-20251023	Water	10/23/25 11:24	10/24/25 08:33	Georgia
400-284694-8	MW-D7-20251023	Water	10/23/25 09:54	10/24/25 08:33	Georgia
400-284694-9	MW-D8-20251023	Water	10/23/25 11:47	10/24/25 08:33	Georgia
400-284694-10	MW-D9-20251023	Water	10/23/25 12:59	10/24/25 08:33	Georgia
400-284694-11	DUP-14-20251023	Water	10/23/25 00:00	10/24/25 08:33	Georgia

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D4-20251022

Lab Sample ID: 400-284694-5

Date Collected: 10/22/25 14:05

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0396	U	0.108	0.108	1.00	0.206	pCi/L	10/31/25 15:28	12/01/25 17:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.9		30 - 110					10/31/25 15:28	12/01/25 17:18	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.104	U	0.448	0.449	1.00	0.815	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	80.9		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	80.0		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.144	U	0.461	0.462	5.00	0.815	pCi/L		12/02/25 09:31	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D5-20251022

Lab Sample ID: 400-284694-6

Date Collected: 10/22/25 13:53

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0768	U	0.124	0.124	1.00	0.215	pCi/L	10/31/25 15:28	12/01/25 17:18	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					10/31/25 15:28	12/01/25 17:18	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.249	U	0.448	0.448	1.00	0.770	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.9		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	82.6		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.326	U	0.465	0.465	5.00	0.770	pCi/L		12/02/25 09:31	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D6-20251023

Lab Sample ID: 400-284694-7

Date Collected: 10/23/25 11:24

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0968	U	0.139	0.139	1.00	0.236	pCi/L	10/31/25 15:28	12/01/25 17:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					10/31/25 15:28	12/01/25 17:19	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.148	U	0.334	0.334	1.00	0.688	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	81.9		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	-0.0514	U	0.362	0.362	5.00	0.688	pCi/L		12/02/25 09:31	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D7-20251023

Lab Sample ID: 400-284694-8

Date Collected: 10/23/25 09:54

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0980	U	0.134	0.135	1.00	0.227	pCi/L	10/31/25 15:28	12/01/25 17:19	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					10/31/25 15:28	12/01/25 17:19	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.0616	U	0.462	0.462	1.00	0.871	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	82.2		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0364	U	0.481	0.481	5.00	0.871	pCi/L		12/02/25 09:31	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D8-20251023

Lab Sample ID: 400-284694-9

Date Collected: 10/23/25 11:47

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.133	U	0.141	0.142	1.00	0.225	pCi/L	10/31/25 15:28	12/01/25 17:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					10/31/25 15:28	12/01/25 17:26	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.103	U	0.439	0.439	1.00	0.839	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	84.5		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.0300	U	0.461	0.461	5.00	0.839	pCi/L		12/02/25 09:31	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D9-20251023

Lab Sample ID: 400-284694-10

Date Collected: 10/23/25 12:59

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0829	U	0.129	0.129	1.00	0.223	pCi/L	10/31/25 15:28	12/01/25 17:26	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					10/31/25 15:28	12/01/25 17:26	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.186	U	0.392	0.392	1.00	0.687	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.6		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	84.1		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.269	U	0.413	0.413	5.00	0.687	pCi/L		12/02/25 09:33	1

Client Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: DUP-14-20251023

Lab Sample ID: 400-284694-11

Date Collected: 10/23/25 00:00

Matrix: Water

Date Received: 10/24/25 08:33

Method: SW846 9315 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0687	U	0.125	0.125	1.00	0.222	pCi/L	10/31/25 15:28	12/01/25 17:27	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					10/31/25 15:28	12/01/25 17:27	1

Method: SW846 9320 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.344	U	0.464	0.465	1.00	0.777	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	%Yield	Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	88.0		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	83.0		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Method: TAL-STL Ra226_Ra228 - Combined Radium-226 and Radium-228

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	0.413	U	0.481	0.482	5.00	0.777	pCi/L		12/02/25 09:33	1

Definitions/Glossary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Qualifiers

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D4-20251022

Lab Sample ID: 400-284694-5

Date Collected: 10/22/25 14:05

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743260	AMS	EET SL	10/31/25 15:28
Total/NA	Analysis	9315		1	747226	FLC	EET SL	12/01/25 17:18
Total/NA	Prep	PrecSep_0			743262	AMS	EET SL	10/31/25 15:33
Total/NA	Analysis	9320		1	747196	FLC	EET SL	11/30/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/02/25 09:31

Client Sample ID: MW-D5-20251022

Lab Sample ID: 400-284694-6

Date Collected: 10/22/25 13:53

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743260	AMS	EET SL	10/31/25 15:28
Total/NA	Analysis	9315		1	747226	FLC	EET SL	12/01/25 17:18
Total/NA	Prep	PrecSep_0			743262	AMS	EET SL	10/31/25 15:33
Total/NA	Analysis	9320		1	747196	FLC	EET SL	11/30/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/02/25 09:31

Client Sample ID: MW-D6-20251023

Lab Sample ID: 400-284694-7

Date Collected: 10/23/25 11:24

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743260	AMS	EET SL	10/31/25 15:28
Total/NA	Analysis	9315		1	747226	FLC	EET SL	12/01/25 17:19
Total/NA	Prep	PrecSep_0			743262	AMS	EET SL	10/31/25 15:33
Total/NA	Analysis	9320		1	747196	FLC	EET SL	11/30/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/02/25 09:31

Client Sample ID: MW-D7-20251023

Lab Sample ID: 400-284694-8

Date Collected: 10/23/25 09:54

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743260	AMS	EET SL	10/31/25 15:28
Total/NA	Analysis	9315		1	747226	FLC	EET SL	12/01/25 17:19
Total/NA	Prep	PrecSep_0			743262	AMS	EET SL	10/31/25 15:33
Total/NA	Analysis	9320		1	747196	FLC	EET SL	11/30/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/02/25 09:31

Lab Chronicle

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Client Sample ID: MW-D8-20251023

Lab Sample ID: 400-284694-9

Date Collected: 10/23/25 11:47

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743260	AMS	EET SL	10/31/25 15:28
Total/NA	Analysis	9315		1	747376	FLC	EET SL	12/01/25 17:26
Total/NA	Prep	PrecSep_0			743262	AMS	EET SL	10/31/25 15:33
Total/NA	Analysis	9320		1	747193	FLC	EET SL	11/30/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/02/25 09:31

Client Sample ID: MW-D9-20251023

Lab Sample ID: 400-284694-10

Date Collected: 10/23/25 12:59

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743260	AMS	EET SL	10/31/25 15:28
Total/NA	Analysis	9315		1	747376	FLC	EET SL	12/01/25 17:26
Total/NA	Prep	PrecSep_0			743262	AMS	EET SL	10/31/25 15:33
Total/NA	Analysis	9320		1	747193	FLC	EET SL	11/30/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/02/25 09:33

Client Sample ID: DUP-14-20251023

Lab Sample ID: 400-284694-11

Date Collected: 10/23/25 00:00

Matrix: Water

Date Received: 10/24/25 08:33

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	PrecSep-21			743260	AMS	EET SL	10/31/25 15:28
Total/NA	Analysis	9315		1	747376	FLC	EET SL	12/01/25 17:27
Total/NA	Prep	PrecSep_0			743262	AMS	EET SL	10/31/25 15:33
Total/NA	Analysis	9320		1	747193	FLC	EET SL	11/30/25 13:43
Total/NA	Analysis	Ra226_Ra228		1	747372	CAH	EET SL	12/02/25 09:33

Laboratory References:

EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

QC Association Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Rad

Prep Batch: 743260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total/NA	Water	PrecSep-21	
400-284694-6	MW-D5-20251022	Total/NA	Water	PrecSep-21	
400-284694-7	MW-D6-20251023	Total/NA	Water	PrecSep-21	
400-284694-8	MW-D7-20251023	Total/NA	Water	PrecSep-21	
400-284694-9	MW-D8-20251023	Total/NA	Water	PrecSep-21	
400-284694-10	MW-D9-20251023	Total/NA	Water	PrecSep-21	
400-284694-11	DUP-14-20251023	Total/NA	Water	PrecSep-21	
MB 160-743260/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-743260/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
500-277010-C-1-A DU	Duplicate	Total/NA	Water	PrecSep-21	

Prep Batch: 743262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-284694-5	MW-D4-20251022	Total/NA	Water	PrecSep_0	
400-284694-6	MW-D5-20251022	Total/NA	Water	PrecSep_0	
400-284694-7	MW-D6-20251023	Total/NA	Water	PrecSep_0	
400-284694-8	MW-D7-20251023	Total/NA	Water	PrecSep_0	
400-284694-9	MW-D8-20251023	Total/NA	Water	PrecSep_0	
400-284694-10	MW-D9-20251023	Total/NA	Water	PrecSep_0	
400-284694-11	DUP-14-20251023	Total/NA	Water	PrecSep_0	
MB 160-743262/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-743262/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
500-277010-C-1-B DU	Duplicate	Total/NA	Water	PrecSep_0	

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Method: 9315 - Radium-226 (GFPC)

Lab Sample ID: MB 160-743260/1-A

Matrix: Water

Analysis Batch: 747226

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 743260

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.009482	U	0.105	0.105	1.00	0.215	pCi/L	10/31/25 15:28	12/01/25 17:18	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					10/31/25 15:28	12/01/25 17:18	1

Lab Sample ID: LCS 160-743260/2-A

Matrix: Water

Analysis Batch: 747226

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 743260

Analyte		Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226		9.57	9.150		1.13	1.00	0.236	pCi/L	96	75 - 125
Carrier	LCS %Yield	LCS Qualifier	Limits							
Ba Carrier	82.9		30 - 110							

Lab Sample ID: 500-277010-C-1-A DU

Matrix: Water

Analysis Batch: 747376

Client Sample ID: Duplicate

Prep Type: Total/NA

Prep Batch: 743260

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	0.0720	U	0.01869	U	0.108	1.00	0.215	pCi/L	0.20	1
Carrier	DU %Yield	DU Qualifier	Limits							
Ba Carrier	87.7		30 - 110							

Method: 9320 - Radium-228 (GFPC)

Lab Sample ID: MB 160-743262/1-A

Matrix: Water

Analysis Batch: 747196

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 743262

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.09343	U	0.407	0.407	1.00	0.738	pCi/L	10/31/25 15:33	11/30/25 13:43	1
Carrier	MB %Yield	MB Qualifier	Limits					Prepared	Analyzed	Dil Fac
Ba Carrier	86.6		30 - 110					10/31/25 15:33	11/30/25 13:43	1
Y Carrier	83.0		30 - 110					10/31/25 15:33	11/30/25 13:43	1

Eurofins Pensacola

QC Sample Results

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Method: 9320 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-743262/2-A
Matrix: Water
Analysis Batch: 747196

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 743262

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-228	7.89	7.720		1.31	1.00	0.740	pCi/L	98	75 - 125

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	82.9		30 - 110
Y Carrier	81.9		30 - 110

Lab Sample ID: 500-277010-C-1-B DU
Matrix: Water
Analysis Batch: 747193

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 743262

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-228	1.43		0.7762	U	0.527	1.00	0.780	pCi/L	0.55	1

Carrier	DU %Yield	DU Qualifier	Limits
Ba Carrier	87.7		30 - 110
Y Carrier	80.0		30 - 110

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-284694-4

SDG Number: Crisp County Power Commission

Login Number: 284694

List Number: 1

Creator: Pardonner, Brett

List Source: Eurofins Pensacola

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	0.0°C 0.0°C 0.3°C 1.3°C IR8
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

Eurofins Pensacola

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Project/Site: CCR App.III/IV GW Monitoring

Job ID: 400-284694-4
SDG: Crisp County Power Commission

Laboratory: Eurofins St. Louis

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-001	05-06-27
ANAB	Dept. of Defense ELAP	L2305	04-06-27
ANAB	Dept. of Energy	L2305.01	04-06-27
ANAB	ISO/IEC 17025	L2305	04-06-27
Arizona	State	AZ0813	12-08-25
California	Los Angeles County Sanitation Districts	10259	06-30-22 *
California	State	2886	07-01-26
Connecticut	State	PH-0241	03-31-27
Florida	NELAP	E87689	06-30-26
HI - RadChem Recognition	State	n/a	06-30-26
Illinois	NELAP	200023	11-30-25 *
Iowa	State	373	12-01-26
Kansas	NELAP	E-10236	10-31-26
Kentucky (DW)	State	KY90125	12-31-25
Kentucky (WW)	State	KY90125 (Permit KY0004049)	12-31-25
Louisiana (All)	NELAP	106151	06-30-26
Louisiana (DW)	State	LA011	12-31-25
Maryland	State	310	10-01-26
Massachusetts	State	M-MO054	06-30-26
MI - RadChem Recognition	State	9005	06-30-26
Missouri	State	780	06-30-28
Nevada	State	MO00054	07-31-26
New Jersey	NELAP	MO002	06-30-26
New Mexico	State	MO00054	06-30-26
New York	NELAP	11616	03-31-26
North Carolina (DW)	State	29700	06-30-26
North Dakota	State	R-207	06-30-25 *
Oklahoma	NELAP	9997	12-31-25
Oregon	NELAP	4157	09-01-26
Pennsylvania	NELAP	68-00540	02-28-26
South Carolina	State	85002	06-30-26
Texas	NELAP	T104704193	07-31-26
US Fish & Wildlife	US Federal Programs	058448	07-31-26
USDA	US Federal Programs	525-23-138-94730	05-18-26
Utah	NELAP	MO00054	07-31-26
Virginia	NELAP	460230	06-14-26
Washington	State	C592	08-31-26
West Virginia DEP	State	381	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Eurofins Pensacola

APPENDIX C

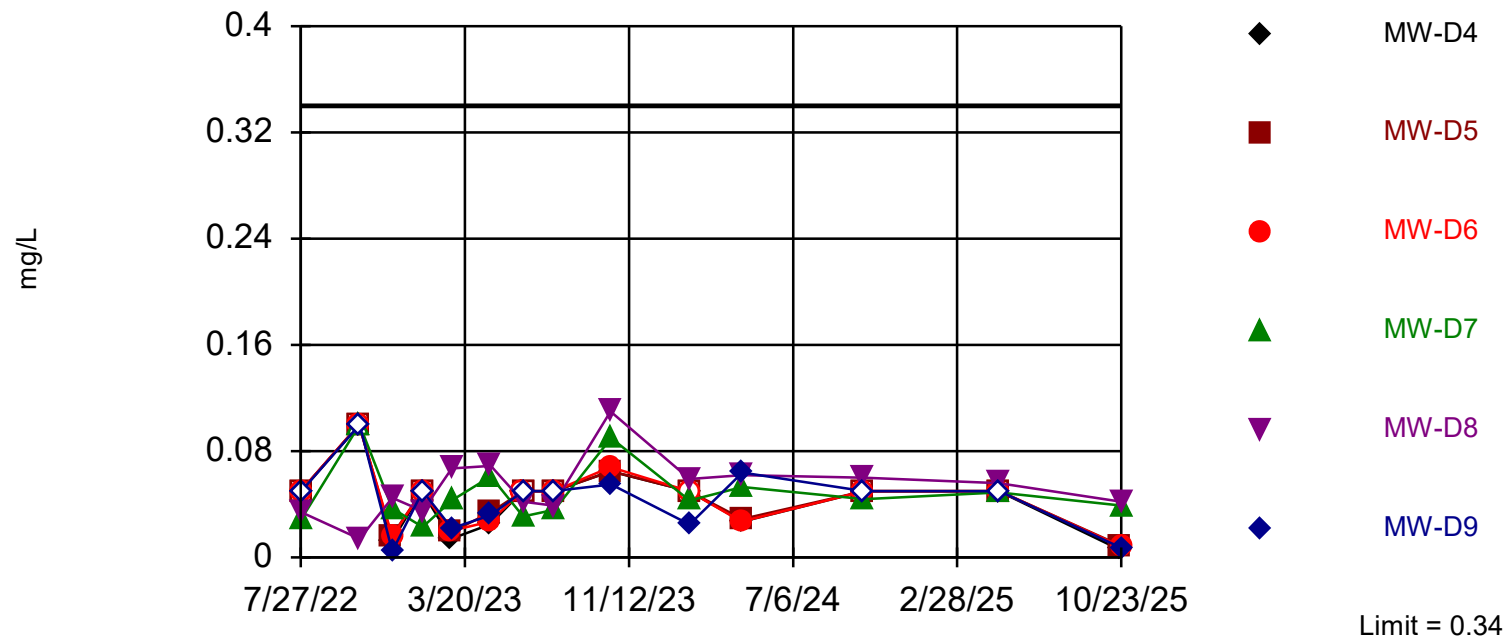
Statistical Analysis Reports

Prediction Limit

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 1/2/2026, 2:59 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bq N	Bq Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-D4	0.34	n/a	10/22/2025	0.0056J	No	41	n/a	n/a	63.41	n/a	n/a	0.02251	NP Inter (NDs)
Boron (mg/L)	MW-D5	0.34	n/a	10/22/2025	0.009J	No	41	n/a	n/a	63.41	n/a	n/a	0.02251	NP Inter (NDs)
Boron (mg/L)	MW-D6	0.34	n/a	10/23/2025	0.0083J	No	41	n/a	n/a	63.41	n/a	n/a	0.02251	NP Inter (NDs)
Boron (mg/L)	MW-D7	0.34	n/a	10/23/2025	0.039J	No	41	n/a	n/a	63.41	n/a	n/a	0.02251	NP Inter (NDs)
Boron (mg/L)	MW-D8	0.34	n/a	10/23/2025	0.042J	No	41	n/a	n/a	63.41	n/a	n/a	0.02251	NP Inter (NDs)
Boron (mg/L)	MW-D9	0.34	n/a	10/23/2025	0.0073J	No	41	n/a	n/a	63.41	n/a	n/a	0.02251	NP Inter (NDs)
Calcium (mg/L)	MW-D4	44	n/a	10/22/2025	544	No	40	n/a	n/a	0	n/a	n/a	0.02302	NP Inter (normality)
Calcium (mg/L)	MW-D5	44	n/a	10/22/2025	543	No	40	n/a	n/a	0	n/a	n/a	0.02302	NP Inter (normality)
Calcium (mg/L)	MW-D6	44	n/a	10/23/2025	535	No	40	n/a	n/a	0	n/a	n/a	0.02302	NP Inter (normality)
Calcium (mg/L)	MW-D7	44	n/a	10/23/2025	569	Yes	40	n/a	n/a	0	n/a	n/a	0.02302	NP Inter (normality)
Calcium (mg/L)	MW-D8	44	n/a	10/23/2025	577	Yes	40	n/a	n/a	0	n/a	n/a	0.02302	NP Inter (normality)
Calcium (mg/L)	MW-D9	44	n/a	10/23/2025	553	Yes	40	n/a	n/a	0	n/a	n/a	0.02302	NP Inter (normality)
Chloride (mg/L)	MW-D4	9.833	n/a	10/22/2025	2.7	No	40	n/a	n/a	12.5	n/a	n/a	0.02302	NP Inter (normality)
Chloride (mg/L)	MW-D5	9.833	n/a	10/22/2025	6.6	No	40	n/a	n/a	12.5	n/a	n/a	0.02302	NP Inter (normality)
Chloride (mg/L)	MW-D6	9.833	n/a	10/23/2025	4.6	No	40	n/a	n/a	12.5	n/a	n/a	0.02302	NP Inter (normality)
Chloride (mg/L)	MW-D7	9.833	n/a	10/23/2025	4.7	No	40	n/a	n/a	12.5	n/a	n/a	0.02302	NP Inter (normality)
Chloride (mg/L)	MW-D8	9.833	n/a	10/23/2025	6.3	No	40	n/a	n/a	12.5	n/a	n/a	0.02302	NP Inter (normality)
Chloride (mg/L)	MW-D9	9.833	n/a	10/23/2025	2.1	No	40	n/a	n/a	12.5	n/a	n/a	0.02302	NP Inter (normality)
Field pH (SU)	MW-D4	9.43	5.07	10/22/2025	7.617	No	41	n/a	n/a	0	n/a	n/a	0.04501	NP Inter (normality)
Field pH (SU)	MW-D5	9.43	5.07	10/22/2025	6.791	No	41	n/a	n/a	0	n/a	n/a	0.04501	NP Inter (normality)
Field pH (SU)	MW-D6	9.43	5.07	10/23/2025	7.995	No	41	n/a	n/a	0	n/a	n/a	0.04501	NP Inter (normality)
Field pH (SU)	MW-D7	9.43	5.07	10/23/2025	7.443	No	41	n/a	n/a	0	n/a	n/a	0.04501	NP Inter (normality)
Field pH (SU)	MW-D8	9.43	5.07	10/23/2025	7.463	No	41	n/a	n/a	0	n/a	n/a	0.04501	NP Inter (normality)
Field pH (SU)	MW-D9	9.43	5.07	10/23/2025	7.68	No	41	n/a	n/a	0	n/a	n/a	0.04501	NP Inter (normality)
Fluoride (mg/L)	MW-D4	0.45	n/a	10/22/2025	0.13	No	41	n/a	n/a	7.317	n/a	n/a	0.02251	NP Inter (normality)
Fluoride (mg/L)	MW-D5	0.45	n/a	10/22/2025	0.033J	No	41	n/a	n/a	7.317	n/a	n/a	0.02251	NP Inter (normality)
Fluoride (mg/L)	MW-D6	0.45	n/a	10/23/2025	0.1	No	41	n/a	n/a	7.317	n/a	n/a	0.02251	NP Inter (normality)
Fluoride (mg/L)	MW-D7	0.45	n/a	10/23/2025	0.078J	No	41	n/a	n/a	7.317	n/a	n/a	0.02251	NP Inter (normality)
Fluoride (mg/L)	MW-D8	0.45	n/a	10/23/2025	0.059J	No	41	n/a	n/a	7.317	n/a	n/a	0.02251	NP Inter (normality)
Fluoride (mg/L)	MW-D9	0.45	n/a	10/23/2025	0.085J	No	41	n/a	n/a	7.317	n/a	n/a	0.02251	NP Inter (normality)
Sulfate (mg/L)	MW-D4	120	n/a	10/22/2025	5ND	No	40	n/a	n/a	7.5	n/a	n/a	0.02302	NP Inter (normality)
Sulfate (mg/L)	MW-D5	120	n/a	10/22/2025	1.7J	No	40	n/a	n/a	7.5	n/a	n/a	0.02302	NP Inter (normality)
Sulfate (mg/L)	MW-D6	120	n/a	10/23/2025	3.3J	No	40	n/a	n/a	7.5	n/a	n/a	0.02302	NP Inter (normality)
Sulfate (mg/L)	MW-D7	120	n/a	10/23/2025	3.4J	No	40	n/a	n/a	7.5	n/a	n/a	0.02302	NP Inter (normality)
Sulfate (mg/L)	MW-D8	120	n/a	10/23/2025	14	No	40	n/a	n/a	7.5	n/a	n/a	0.02302	NP Inter (normality)
Sulfate (mg/L)	MW-D9	120	n/a	10/23/2025	2J	No	40	n/a	n/a	7.5	n/a	n/a	0.02302	NP Inter (normality)
Total Dissolved Solids...	MW-D4	229	n/a	10/22/2025	150	No	40	4.628	0.328	0	None	ln(x)	0.01	Param Inter
Total Dissolved Solids...	MW-D5	229	n/a	10/22/2025	150	No	40	4.628	0.328	0	None	ln(x)	0.01	Param Inter
Total Dissolved Solids...	MW-D6	229	n/a	10/23/2025	140	No	40	4.628	0.328	0	None	ln(x)	0.01	Param Inter
Total Dissolved Solids...	MW-D7	229	n/a	10/23/2025	230	Yes	40	4.628	0.328	0	None	ln(x)	0.01	Param Inter
Total Dissolved Solids...	MW-D8	229	n/a	10/23/2025	230	Yes	40	4.628	0.328	0	None	ln(x)	0.01	Param Inter
Total Dissolved Solids...	MW-D9	229	n/a	10/23/2025	180	No	40	4.628	0.328	0	None	ln(x)	0.01	Param Inter

Prediction Limit



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 41 background values. 63.41% NDs. Report alpha = 0.1277. Individual comparison alpha = 0.02251. Most recent point for each compliance well compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Boron Analysis Run 1/2/2026 2:56 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

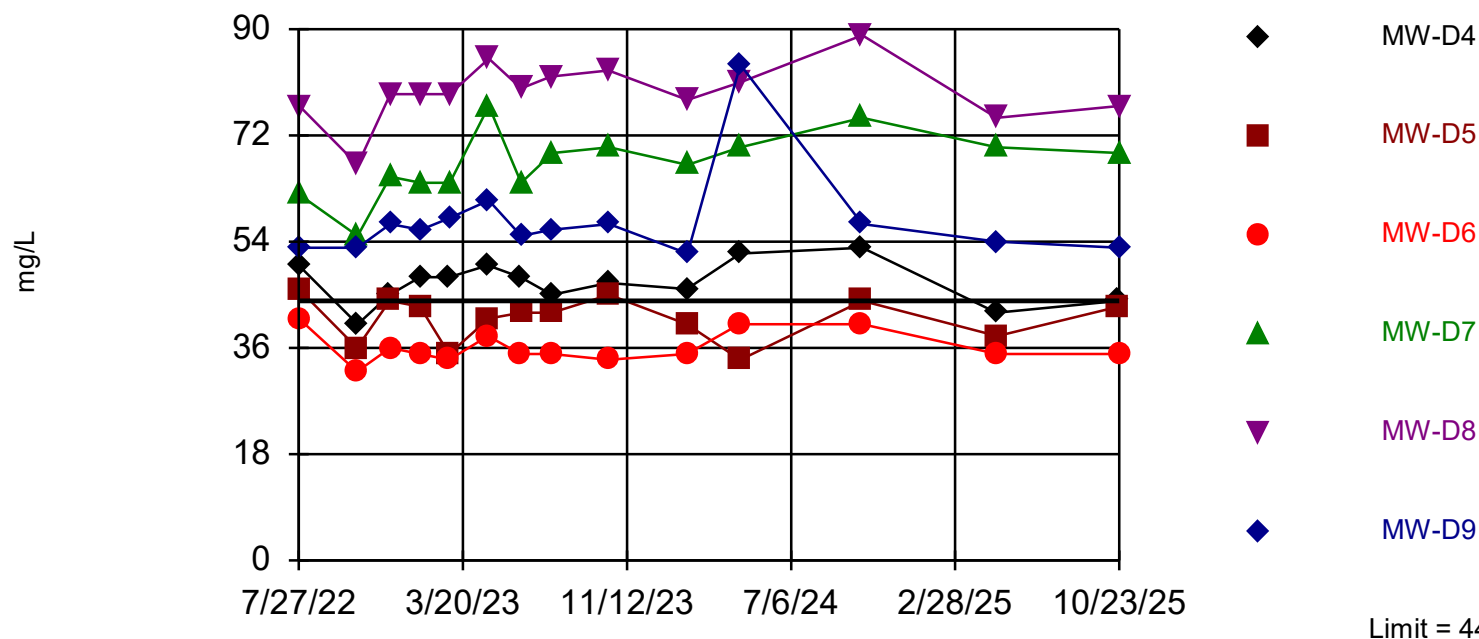
Prediction Limit

Constituent: Boron (mg/L) Analysis Run 1/2/2026 2:58 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

	MW-U1 (bg)	MW-D5	MW-U2 (bg)	MW-D6	MW-D4	MW-D7	MW-D8	MW-D9
2/28/2017	<0.05							
3/27/2017	<0.05							
4/24/2017	<0.05							
5/22/2017	<0.05							
6/19/2017	<0.05							
7/17/2017	<0.05							
8/14/2017	<0.05							
9/13/2017	<0.05							
3/22/2018	0.0077							
6/5/2018	<0.05							
11/29/2018	<0.05							
4/29/2019	<0.05							
10/23/2019	0.0051 (J)							
4/27/2020	0.0042 (J)							
11/19/2020	<0.05							
4/26/2021	<0.05 (^)							
10/26/2021	0.007 (J)							
4/26/2022	0.0067 (J)							
7/27/2022		<0.05	<0.05	<0.05	<0.05			
7/28/2022						0.029 (J)	0.034 (J)	<0.05
10/19/2022	<0.1	<0.1		<0.1				
10/20/2022			<0.1		<0.1	<0.1	0.014 (J)	<0.1
12/5/2022		0.016 (JB)			0.012 (JB)			
12/6/2022			0.0085 (JB)	0.016 (JB)		0.037 (JB)	0.045 (JB)	0.0046 (JB)
1/18/2023	<0.05 (^)	<0.05	<0.05	<0.05	<0.05			
1/19/2023						0.023 (J)	0.035 (J)	<0.05
3/1/2023		0.019 (JB)	0.015 (J)	0.02 (J)	0.014 (J)			
3/2/2023						0.043 (J)	0.067 (B)	0.022 (J)
4/26/2023	0.02 (JB)		0.027 (JB)	0.027 (JB)	0.025 (JB)			
4/27/2023		0.034 (JB)				0.061 (B)	0.069 (B)	0.032 (JB)
6/12/2023			<0.05	<0.05	<0.05			
6/13/2023		<0.05				0.031 (J)	0.042 (J)	<0.05
7/26/2023							0.039 (J)	<0.05
7/27/2023		<0.05	<0.05	<0.05	<0.05			
7/28/2023						0.036 (J)		
10/17/2023	0.34		0.038 (J)	0.068	0.065		0.11	
10/18/2023		0.065				0.09		0.055
2/7/2024	<0.05	<0.05	0.029 (JB)	<0.05	<0.05			
2/8/2024						0.043 (J)	0.059	0.025 (JB)
4/23/2024	<0.05		<0.05	0.027 (J)				
4/24/2024		0.029 (J)			0.027 (J)	0.053	0.062	0.064
10/16/2024	<0.05		0.023 (J)					
10/17/2024		<0.05		<0.05	<0.05	0.044 (J)	0.06	<0.05 (F1)
4/29/2025	<0.05		<0.05		<0.05	0.049 (J)	0.056	
4/30/2025		<0.05		<0.05				<0.05
10/22/2025	0.0074 (J)	0.009 (J)	0.01 (J)		0.0056 (J)			
10/23/2025				0.0083 (J)		0.039 (J)	0.042 (J)	0.0073 (J)

Exceeds Limit: MW-D7, MW-D8, MW-D9

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 40 background values. Report alpha = 0.1304. Individual comparison alpha = 0.02302. Most recent point for each compliance well compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Calcium Analysis Run 1/2/2026 2:56 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

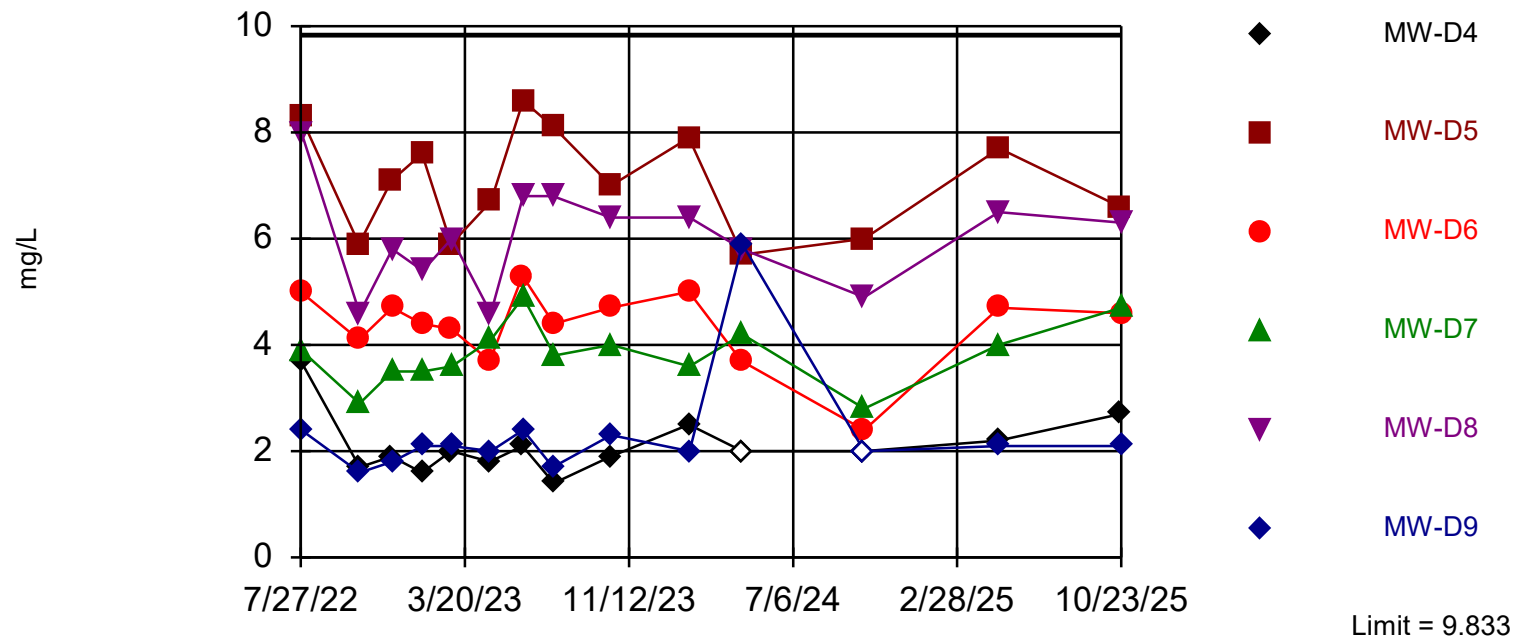
Prediction Limit

Constituent: Calcium (mg/L) Analysis Run 1/2/2026 2:58 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

	MW-U1 (bg)	MW-D6	MW-U2 (bg)	MW-D5	MW-D4	MW-D7	MW-D9	MW-D8
2/28/2017	34							
3/27/2017	32							
4/24/2017	40							
5/22/2017	36							
6/19/2017	38							
7/17/2017	37 (B)							
8/14/2017	33							
9/13/2017	35							
6/5/2018	33							
11/29/2018	32							
4/29/2019	34							
10/23/2019	38							
4/27/2020	31							
11/19/2020	36							
4/26/2021	33							
10/26/2021	36							
4/26/2022	34 (B)							
7/27/2022		41	39	46	50			
7/28/2022						62	53	77
10/19/2022	31	32		36				
10/20/2022			26		40	55	53	67
12/5/2022				44	45			
12/6/2022		36	38			65	57	79
1/18/2023	36 (B)	35 (B)	44 (B)	43 (B)	48 (B)			
1/19/2023						64	56	79
3/1/2023		34	20	35	48			
3/2/2023						64	58	79
4/26/2023	37	38	20		50			
4/27/2023				41		77	61	85
6/12/2023		35	19		48			
6/13/2023				42		64	55	80
7/26/2023							56	82
7/27/2023		35	18	42	45			
7/28/2023						69		
10/17/2023	36	34	25		47			83
10/18/2023				45		70	57	
2/7/2024	36	35	20	40	46			
2/8/2024						67	52	78
4/23/2024	33	40	12					
4/24/2024				34	52	70	84	81
10/16/2024	38		14					
10/17/2024		40		44	53	75	57	89
4/29/2025	38		13		42	70		75
4/30/2025		35		38			54	
10/22/2025	36		15	43	44			
10/23/2025		35				69	53	77

Within Limit

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 40 background values. 12.5% NDs. Report alpha = 0.1304. Individual comparison alpha = 0.02302. Most recent point for each compliance well compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Chloride Analysis Run 1/2/2026 2:56 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

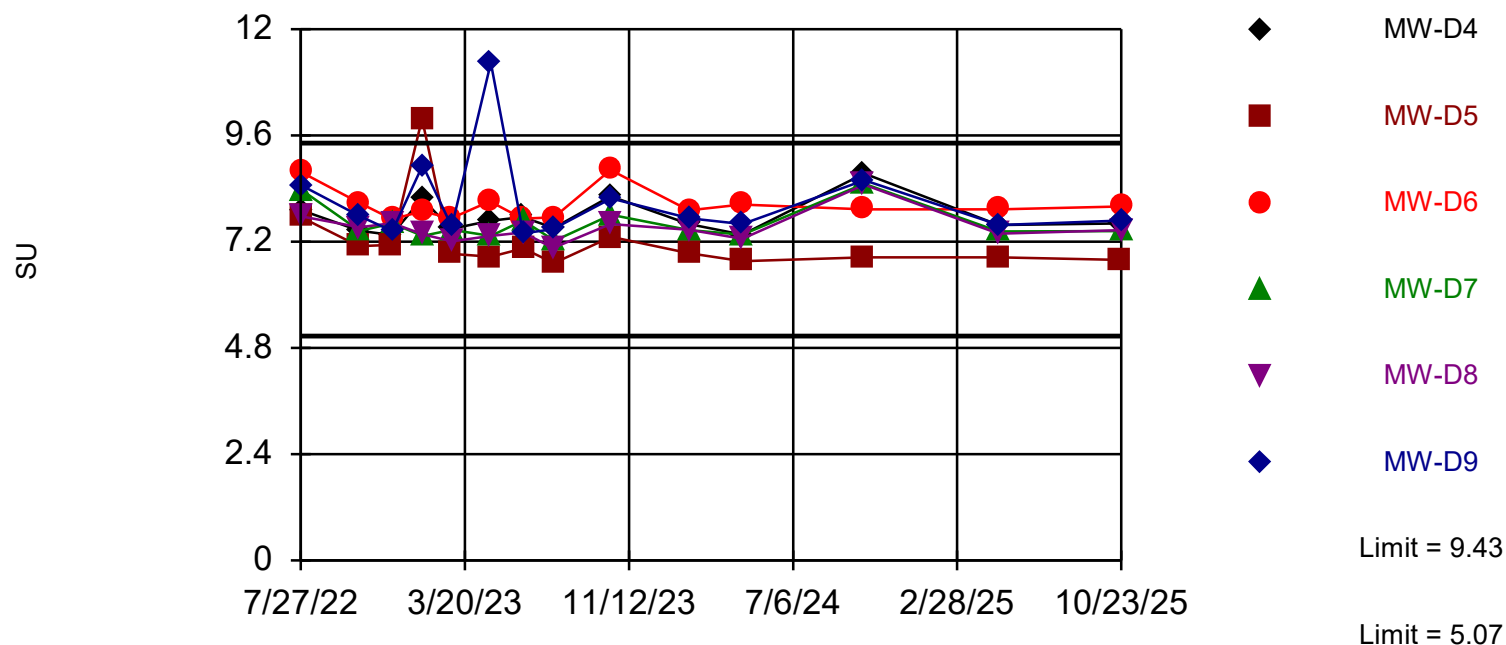
Prediction Limit

Constituent: Chloride (mg/L) Analysis Run 1/2/2026 2:58 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

	MW-U1 (bg)	MW-D6	MW-U2 (bg)	MW-D5	MW-D4	MW-D7	MW-D9	MW-D8
2/28/2017	2.2							
3/27/2017	2.1							
4/24/2017	1.8 (J)							
5/22/2017	2.6							
6/19/2017	1.9 (J)							
7/17/2017	2.2							
8/14/2017	2							
9/13/2017	2.2							
6/5/2018	1.8 (J)							
11/29/2018	1.7 (J)							
4/29/2019	1.4 (J)							
10/23/2019	9.8 (D)							
4/27/2020	2.4							
11/19/2020	2.4							
4/26/2021	9.833 (F1D)							
10/26/2021	1.7 (J)							
4/26/2022	1.9 (J)							
7/27/2022		5	2.4	8.3	3.7			
7/28/2022						3.9	2.4	8
10/19/2022	<2	4.1		5.9				
10/20/2022			2.5		1.7 (J)	2.9	1.6 (J)	4.6
12/5/2022				7.1	1.9 (J)			
12/6/2022		4.7	3.3			3.5	1.8 (J)	5.8
1/18/2023	2.2	4.4	4.3	7.6	1.6 (J)			
1/19/2023						3.5	2.1	5.4
3/1/2023		4.3	2.2	5.9	2			
3/2/2023						3.6	2.1	6
4/26/2023	1.7 (J)	3.7	3.4		1.8 (J)			
4/27/2023				6.7		4.1	2	4.6
6/12/2023		5.3	2.3		2.1			
6/13/2023				8.6		4.9	2.4	6.8
7/26/2023							1.7 (J)	6.8
7/27/2023		4.4	<2	8.1	1.4 (J)			
7/28/2023						3.8		
10/17/2023	1.9 (J)	4.7	2		1.9 (J)			6.4
10/18/2023				7		4	2.3	
2/7/2024	2.5	5	2.2	7.9	2.5			
2/8/2024						3.6	2	6.4
4/23/2024	1.5 (J)	3.7	<2					
4/24/2024				5.7	<2	4.2	5.9	5.8
10/16/2024	<2		<2					
10/17/2024		2.4		6	<2	2.8	<2	4.9
4/29/2025	1.6 (J)		1.4 (J)		2.2	4		6.5
4/30/2025		4.7		7.7			2.1	
10/22/2025	1.9 (J)		1.8 (J)	6.6	2.7			
10/23/2025		4.6				4.7	2.1	6.3

Within Limits

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limits are highest and lowest of 41 background values. Report alpha = 0.2553. Individual comparison alpha = 0.04501. Most recent point for each compliance well compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Field pH Analysis Run 1/2/2026 2:56 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Prediction Limit

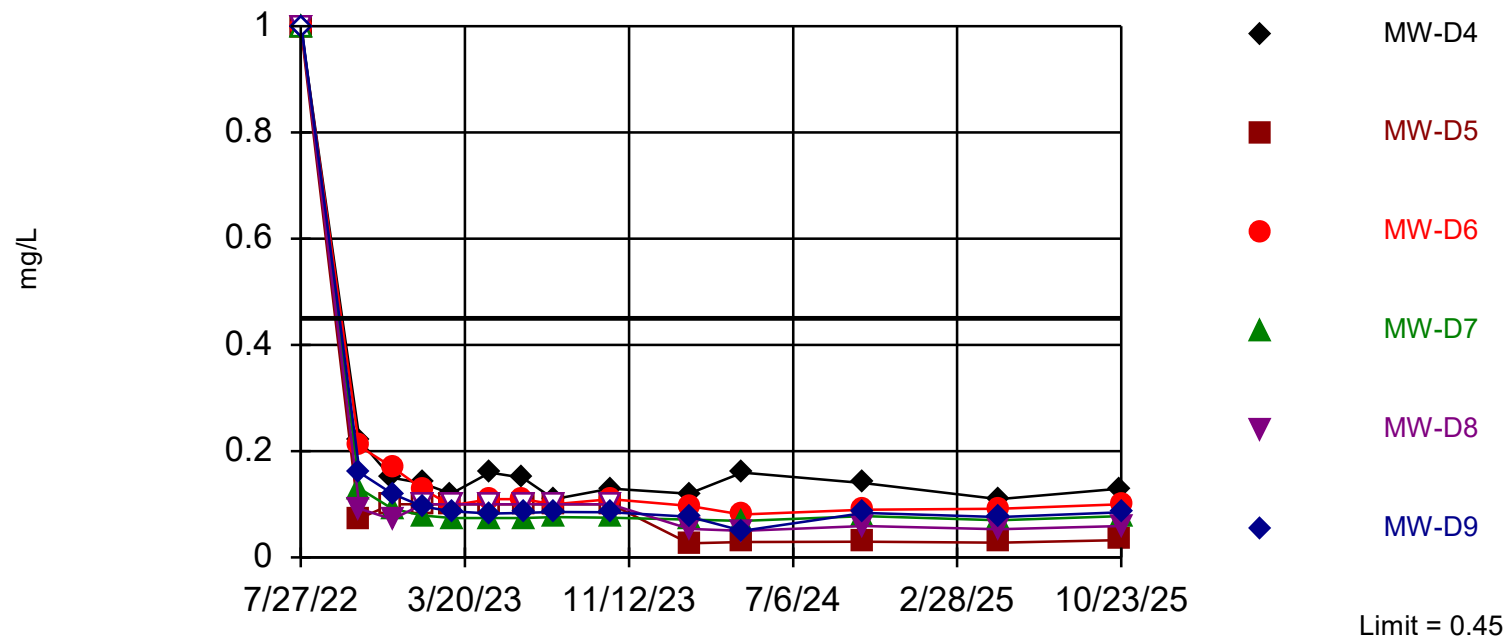
Constituent: Field pH (SU) Analysis Run 1/2/2026 2:58 PM

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

	MW-U1 (bg)	MW-D5	MW-U2 (bg)	MW-D6	MW-D4	MW-D7	MW-D8	MW-D9
2/28/2017	7.74							
3/27/2017	7.78							
4/24/2017	7.45							
5/22/2017	7.77							
6/19/2017	5.07							
7/17/2017	6.37							
8/14/2017	7.45							
9/13/2017	7.63							
3/22/2018	7.87							
6/5/2018	6.74							
11/29/2018	7.72							
4/29/2019	7.84							
10/23/2019	7.54							
4/27/2020	6.05							
11/19/2020	7.47							
4/26/2021	7.91							
10/26/2021	9.28							
4/26/2022	8.1							
7/27/2022		7.76	8.55	8.78	7.92			
7/28/2022						8.37	7.77	8.47
10/19/2022	7.98	7.1		8.08				
10/20/2022			7.77		7.45	7.45	7.53	7.78
12/5/2022		7.13			7.35			
12/6/2022			7.64	7.71		7.61	7.62	7.44
1/18/2023	9.43	9.98	7.64	7.89	8.18			
1/19/2023						7.33	7.37	8.93
3/1/2023		6.93	6.58	7.73	7.49			
3/2/2023						7.47	7.21	7.54
4/26/2023	7.82		7.57	8.11	7.67			
4/27/2023		6.86				7.33	7.33	11.24
6/12/2023			7.79	7.72	7.76			
6/13/2023		7.05				7.68	7.41	7.39
7/26/2023							7.06	7.48
7/27/2023		6.72	7.5	7.75	7.51			
7/28/2023						7.22		
10/17/2023	8.1		8.56	8.82	8.23		7.6	
10/18/2023		7.31				7.81		8.18
2/7/2024	7.82	6.94	7.67	7.91	7.6			
2/8/2024						7.46	7.47	7.73
4/23/2024	7.92		7.37	8.04				
4/24/2024		6.76			7.36	7.36	7.27	7.6
10/16/2024	7.95		7.22					
10/17/2024		6.85		7.93	8.74	8.51	8.49	8.59
4/29/2025	7.89		7.17		7.58	7.43	7.38	
4/30/2025		6.85		7.93				7.58
10/22/2025	7.548	6.791	6.995		7.617			
10/23/2025				7.995		7.443	7.463	7.68

Within Limit

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 41 background values. 7.317% NDs. Report alpha = 0.1277. Individual comparison alpha = 0.02251. Most recent point for each compliance well compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Fluoride Analysis Run 1/2/2026 2:56 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

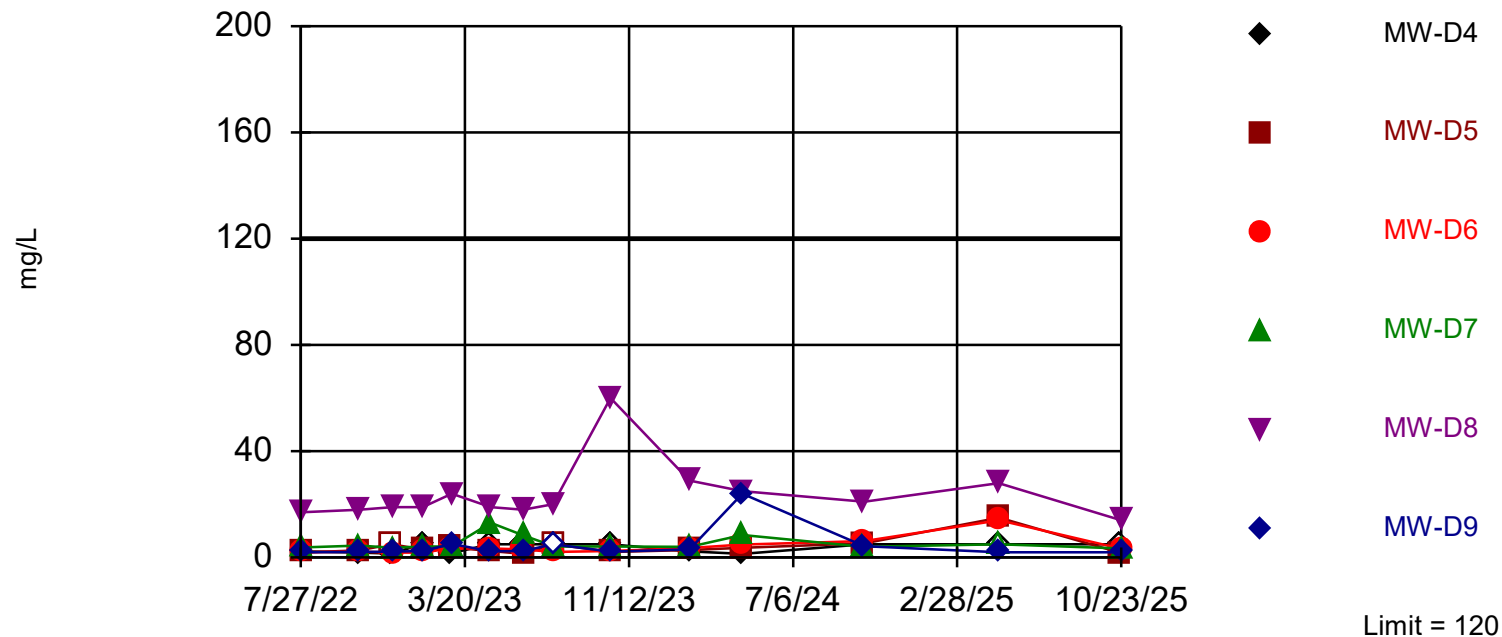
Prediction Limit

Constituent: Fluoride (mg/L) Analysis Run 1/2/2026 2:59 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

	MW-U1 (bg)	MW-D5	MW-U2 (bg)	MW-D6	MW-D4	MW-D7	MW-D8	MW-D9
2/28/2017	0.06 (J)							
3/27/2017	0.04 (J)							
4/24/2017	0.06 (J)							
5/22/2017	0.06 (J)							
6/19/2017	0.06 (J)							
7/17/2017	0.06 (J)							
8/14/2017	0.05 (J)							
9/13/2017	0.058 (J)							
3/22/2018	0.07 (J)							
6/5/2018	0.06 (J)							
11/29/2018	0.04 (J)							
4/29/2019	<0.1							
10/23/2019	0.05 (JB)							
4/27/2020	0.05 (J)							
11/19/2020	0.07 (J)							
4/26/2021	0.1 (B)							
10/26/2021	<0.1							
4/26/2022	0.07 (J)							
7/27/2022		<1 (H)	0.45 (J)	<1 (H)	<1 (H)			
7/28/2022						<1 (H)	<1 (H)	<1 (H)
10/19/2022	0.13	0.073 (J)		0.21				
10/20/2022			0.32		0.22	0.13	0.092 (J)	0.16
12/5/2022		<0.1			0.15			
12/6/2022			0.3	0.17		0.092 (J)	0.072 (J)	0.12
1/18/2023	0.075 (J)	<0.1	0.18	0.13	0.14			
1/19/2023						0.079 (J)	<0.1	0.096 (J)
3/1/2023		<0.1	0.13	0.098 (J)	0.12			
3/2/2023						0.074 (J)	<0.1	0.087 (J)
4/26/2023	<0.1		0.11	0.11	0.16			
4/27/2023		<0.1				0.074 (J)	<0.1	0.083 (J)
6/12/2023			0.12	0.11	0.15			
6/13/2023		<0.1				0.074 (J)	<0.1	0.084 (J)
7/26/2023							<0.1	0.086 (J)
7/27/2023		<0.1	0.093 (J)	0.1	0.11			
7/28/2023						0.076 (J)		
10/17/2023	0.079 (J)		0.12	0.11	0.13		<0.1	
10/18/2023		<0.1				0.075 (J)		0.085 (J)
2/7/2024	0.068 (J)	0.027 (J)	0.074 (J)	0.097 (J)	0.12			
2/8/2024						0.071 (J)	0.054 (J)	0.077 (J)
4/23/2024	0.05 (J)		0.041 (J)	0.081 (J)				
4/24/2024		0.029 (J)			0.16	0.069 (J)	0.05 (J)	0.05 (J)
10/16/2024	0.064 (J)		0.04 (J)					
10/17/2024		0.03 (J)		0.09 (J)	0.14	0.078 (J)	0.059 (J)	0.084 (J)
4/29/2025	0.06 (J)		0.038 (J)		0.11	0.07 (J)	0.053 (J)	
4/30/2025		0.028 (J)		0.092 (J)				0.076 (J)
10/22/2025	0.088 (J)	0.033 (J)	0.047 (J)		0.13			
10/23/2025				0.1		0.078 (J)	0.059 (J)	0.085 (J)

Within Limit

Prediction Limit Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Limit is highest of 40 background values. 7.5% NDs. Report alpha = 0.1304. Individual comparison alpha = 0.02302. Most recent point for each compliance well compared to limit. Seasonality was not detected with 95% confidence.

Constituent: Sulfate Analysis Run 1/2/2026 2:56 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

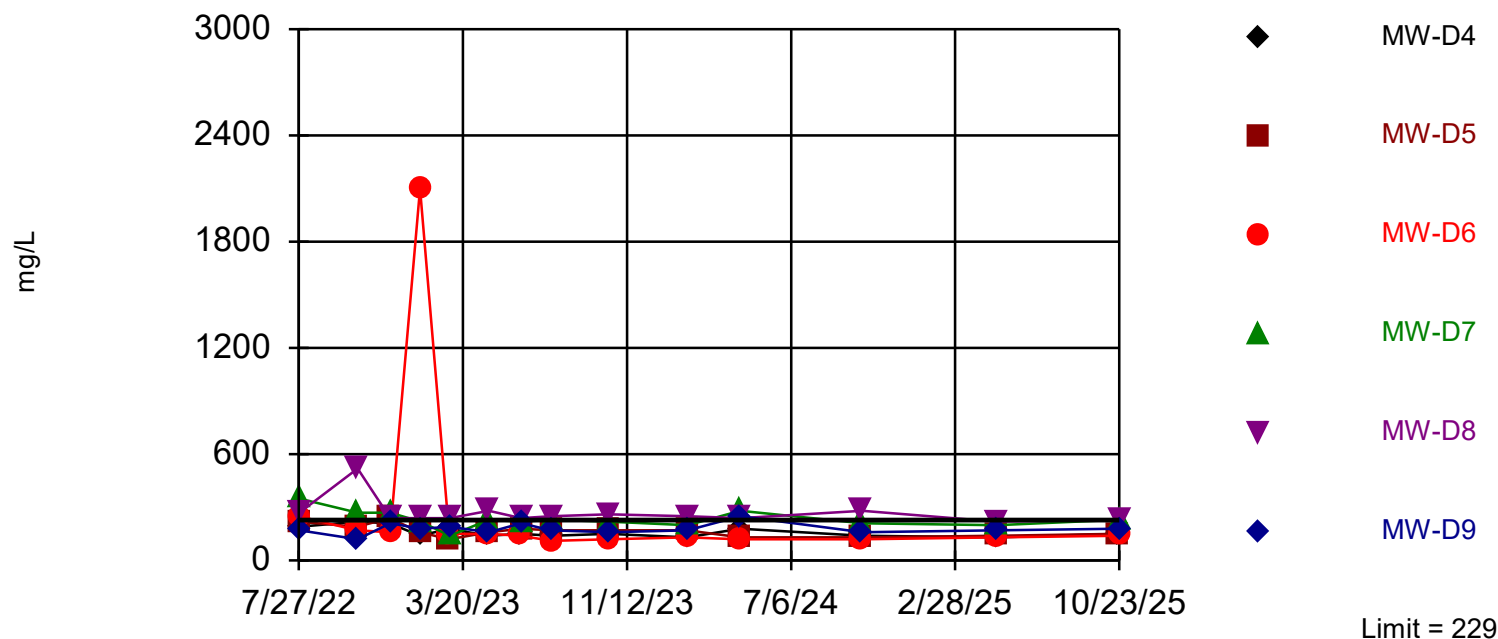
Prediction Limit

Constituent: Sulfate (mg/L) Analysis Run 1/2/2026 2:59 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

	MW-U1 (bg)	MW-D6	MW-U2 (bg)	MW-D5	MW-D4	MW-D7	MW-D9	MW-D8
2/28/2017	2.8 (J)							
3/27/2017	2.4 (J)							
4/24/2017	1.4 (J)							
5/22/2017	1.5 (J)							
6/19/2017	1.8 (J)							
7/17/2017	2.8 (J)							
8/14/2017	2.6 (J)							
9/13/2017	3.1 (J)							
6/5/2018	2.9 (J)							
11/29/2018	2 (J)							
4/29/2019	<5							
10/23/2019	2.8 (J)							
4/27/2020	2.6 (J)							
11/19/2020	2.3 (J)							
4/26/2021	8.867 (D)							
10/26/2021	<5							
4/26/2022	4.3 (J)							
7/27/2022		2 (J)	50 (F1)	1.9 (J)	2.3 (J)			
7/28/2022						3.8 (J)	2 (J)	17
10/19/2022	2.4 (J)	2.2 (J)		2.7 (J)				
10/20/2022			35		1.8 (J)	4.5 (J)	2.1 (J)	18
12/5/2022				<5	1.5 (J)			
12/6/2022		1.8 (J)	29			3.7 (J)	2.2 (J)	19
1/18/2023	1.9 (J)	1.9 (J)	120	3.1 (J)	<5			
1/19/2023						4.1 (J)	2.4 (J)	19
3/1/2023		3.4 (J)	38	3.8 (J)	1.6 (J)			
3/2/2023						4.1 (J)	5.1	24
4/26/2023	2 (J)	3.4 (J)	28		<5			
4/27/2023				2.5 (J)		13	2.3 (J)	19
6/12/2023		3.1 (J)	27		<5			
6/13/2023				1.4 (J)		8.4	2.5 (J)	18
7/26/2023							<5	20
7/27/2023		2.1 (J)	19 (F1)	<5	<5			
7/28/2023						4.1 (J)		
10/17/2023	2 (J)	2.4 (J)	17		<5			60
10/18/2023				2.1 (J)		4.1 (J)	2.2 (J)	
2/7/2024	2.5 (J)	3.5 (J)	62	2.8 (J)	2.3 (J)			
2/8/2024						4 (J)	3 (J)	29
4/23/2024	2.3 (J)	4.9 (J)	23					
4/24/2024				3.7 (J)	1.4 (J)	8.5	24	25
10/16/2024	2.3 (J)		20					
10/17/2024		6.2		5.4	<5	4 (J)	4.3 (J)	21
4/29/2025	<5		19		<5	<5		28
4/30/2025		14		15			2 (J)	
10/22/2025	2 (J)		22	1.7 (J)	<5			
10/23/2025		3.3 (J)				3.4 (J)	2 (J)	14

Exceeds Limit: MW-D7, MW-D8

Prediction Limit Interwell Parametric



Background Data Summary (based on natural log transformation): Mean=4.628, Std. Dev.=0.328, n=40. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.957, critical = 0.94. Report alpha = 0.05852. Individual comparison alpha = 0.01. Most recent point for each compliance well compared to limit.

Constituent: Total Dissolved Solids Analysis Run 1/2/2026 2:56 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Prediction Limit

Constituent: Total Dissolved Solids (mg/L) Analysis Run 1/2/2026 2:59 PM

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

	MW-D4	MW-D5	MW-D6	MW-D7	MW-D8	MW-D9	MW-U2 (bg)	MW-U1 (bg)
2/28/2017								80
3/27/2017								120
4/24/2017								44
5/22/2017								100
6/19/2017								92
7/17/2017								78
8/14/2017								86
9/13/2017								110
6/5/2018								110
11/29/2018								66
4/29/2019								120
10/23/2019								120
4/27/2020								120
11/19/2020								130
4/26/2021								98
10/26/2021								86
4/26/2022								98
7/27/2022	190	220	250				230	
7/28/2022				350	270	170		
10/19/2022		190	170					130
10/20/2022	220			270	520	120	130	
12/5/2022	210	240						
12/6/2022			160	270	240	210	170	
1/18/2023	140	160	2100				240	110
1/19/2023				220	240	180		
3/1/2023	180	120	150				120	
3/2/2023				140	240	190		
4/26/2023	140		150				84	110
4/27/2023		160		230	280	160		
6/12/2023	150		140				96	
6/13/2023		180		220	240	210		
7/26/2023					250	170		
7/27/2023	140	170	110				90	
7/28/2023				230				
10/17/2023	150		120		260		98	110 (H)
10/18/2023		170		220		160		
2/7/2024	130	170	130				150	96
2/8/2024				200	250	170		
4/23/2024			120				58	120
4/24/2024	180	130		280	240	250		
10/16/2024							80 (H)	110 (H)
10/17/2024	140 (H)	130 (H)	120 (H)	210 (H)	280 (H)	160 (H)		
4/29/2025	130			200	220		66	110
4/30/2025		140	130			170		
10/22/2025	150	150					60	94
10/23/2025			140	230	230	180		

Summary Report

Constituent: Antimony Analysis Run 1/2/2026 3:03 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 4/30/2025, a summary of the selected data set:

Observations = 110
 ND/Trace = 110
 Wells = 8
 Minimum Value = 0.00042
 Maximum Value = 0.005
 Mean Value = 0.002622
 Median Value = 0.0025
 Standard Deviation = 0.0006803
 Coefficient of Variation = 0.2594
 Skewness = 2.158

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	13	12	0.00042	0.005	0.002532	0.0025	0.0009382	0.3705	0.5883
MW-D5	13	13	0.0025	0.005	0.002692	0.0025	0.0006934	0.2575	3.175
MW-D6	13	13	0.0025	0.005	0.002692	0.0025	0.0006934	0.2575	3.175
MW-D7	13	13	0.0025	0.005	0.002692	0.0025	0.0006934	0.2575	3.175
MW-D8	13	13	0.0025	0.005	0.002692	0.0025	0.0006934	0.2575	3.175
MW-D9	13	13	0.0025	0.005	0.002692	0.0025	0.0006934	0.2575	3.175
MW-U2 (bg)	13	13	0.0025	0.005	0.002692	0.0025	0.0006934	0.2575	3.175
MW-U1 (bg)	19	19	0.0005	0.0025	0.002395	0.0025	0.0004588	0.1916	-4.007

Summary Report

Constituent: Arsenic Analysis Run 1/2/2026 3:03 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 4/30/2025, a summary of the selected data set:

Observations = 110

ND/Trace = 104

Wells = 8

Minimum Value = 0.00015

Maximum Value = 0.0025

Mean Value = 0.001375

Median Value = 0.0013

Standard Deviation = 0.0003515

Coefficient of Variation = 0.2556

Skewness = 1.87

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	12	12	0.0013	0.0025	0.0014	0.0013	0.0003464	0.2474	3.015
MW-D5	12	12	0.0013	0.0025	0.0014	0.0013	0.0003464	0.2474	3.015
MW-D6	12	12	0.0013	0.0025	0.0014	0.0013	0.0003464	0.2474	3.015
MW-D7	12	12	0.0013	0.0025	0.0014	0.0013	0.0003464	0.2474	3.015
MW-D8	12	12	0.0013	0.0025	0.0014	0.0013	0.0003464	0.2474	3.015
MW-D9	12	7	0.00095	0.0025	0.001404	0.0013	0.0003683	0.2623	2.309
MW-U2 (bg)	13	13	0.0013	0.0025	0.001392	0.0013	0.0003328	0.239	3.175
MW-U1 (bg)	25	21	0.00015	0.0025	0.001292	0.0013	0.0003993	0.309	-0.05499

Summary Report

Constituent: Barium Analysis Run 1/2/2026 3:03 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/23/2025, a summary of the selected data set:

Observations = 125
 ND/Trace = 17
 Wells = 8
 Minimum Value = 0.0018
 Maximum Value = 0.15
 Mean Value = 0.03057
 Median Value = 0.025
 Standard Deviation = 0.02813
 Coefficient of Variation = 0.9203
 Skewness = 1.313

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	14	0	0.014	0.039	0.02521	0.025	0.007728	0.3065	0.4175
MW-D5	14	0	0.022	0.062	0.03271	0.03	0.01097	0.3354	1.889
MW-D6	14	0	0.0081	0.012	0.009314	0.00905	0.001221	0.1311	0.9857
MW-D7	14	0	0.06	0.15	0.08843	0.083	0.02315	0.2618	1.409
MW-D8	14	0	0.048	0.061	0.05443	0.055	0.004363	0.08015	-0.1858
MW-D9	14	0	0.034	0.053	0.04114	0.0405	0.004786	0.1163	1.08
MW-U2 (bg)	14	0	0.0092	0.043	0.01672	0.013	0.009435	0.5642	1.818
MW-U1 (bg)	27	0	0.0018	0.0062	0.002563	0.0022	0.000962	0.3754	2.391

Summary Report

Constituent: Beryllium Analysis Run 1/2/2026 3:04 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 4/30/2025, a summary of the selected data set:

Observations = 102
 ND/Trace = 102
 Wells = 8
 Minimum Value = 0.00028
 Maximum Value = 0.004
 Mean Value = 0.00211
 Median Value = 0.002
 Standard Deviation = 0.0005676
 Coefficient of Variation = 0.2691
 Skewness = 1.964

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	12	12	0.002	0.004	0.002167	0.002	0.0005774	0.2665	3.015
MW-D5	12	11	0.00028	0.004	0.002023	0.002	0.000795	0.3929	0.4583
MW-D6	12	12	0.002	0.004	0.002167	0.002	0.0005774	0.2665	3.015
MW-D7	12	12	0.002	0.004	0.002167	0.002	0.0005774	0.2665	3.015
MW-D8	12	12	0.002	0.004	0.002167	0.002	0.0005774	0.2665	3.015
MW-D9	12	12	0.002	0.004	0.002167	0.002	0.0005774	0.2665	3.015
MW-U2 (bg)	12	12	0.002	0.004	0.002167	0.002	0.0005774	0.2665	3.015
MW-U1 (bg)	18	18	0.0004	0.0025	0.001939	0.002	0.0004017	0.2072	-3.235

Summary Report

Constituent: Cadmium Analysis Run 1/2/2026 3:04 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/22/2025, a summary of the selected data set:

Observations = 105
ND/Trace = 103
Wells = 8
Minimum Value = 0.0002
Maximum Value = 0.0025
Mean Value = 0.001102
Median Value = 0.001
Standard Deviation = 0.0003375
Coefficient of Variation = 0.3061
Skewness = 2.29

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	12	12	0.001	0.002	0.001083	0.001	0.0002887	0.2665	3.015
MW-D5	12	12	0.001	0.002	0.001083	0.001	0.0002887	0.2665	3.015
MW-D6	12	12	0.001	0.002	0.001083	0.001	0.0002887	0.2665	3.015
MW-D7	12	11	0.00086	0.002	0.001072	0.001	0.0002951	0.2754	2.907
MW-D8	12	11	0.001	0.002	0.0011	0.001	0.0002892	0.2629	2.826
MW-D9	12	12	0.001	0.002	0.001083	0.001	0.0002887	0.2665	3.015
MW-U2 (bg)	13	12	0.001	0.002	0.001231	0.001	0.0004385	0.3563	1.278
MW-U1 (bg)	20	20	0.0002	0.0025	0.001085	0.001	0.000444	0.4092	1.786

Summary Report

Constituent: Chromium Analysis Run 1/2/2026 3:04 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/23/2025, a summary of the selected data set:

Observations = 116
ND/Trace = 104
Wells = 8
Minimum Value = 0.00083
Maximum Value = 0.039
Mean Value = 0.003016
Median Value = 0.0025
Standard Deviation = 0.004217
Coefficient of Variation = 1.398
Skewness = 6.891

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	13	8	0.0011	0.011	0.003031	0.0025	0.002574	0.8492	2.521
MW-D5	13	9	0.00083	0.026	0.00441	0.0025	0.006561	1.488	3.052
MW-D6	13	5	0.001	0.039	0.0053	0.0025	0.01018	1.921	3.113
MW-D7	13	11	0.0012	0.005	0.002454	0.0025	0.0009061	0.3693	1.454
MW-D8	13	11	0.0018	0.0044	0.002554	0.0025	0.0005995	0.2347	2.292
MW-D9	13	11	0.0014	0.0049	0.002562	0.0025	0.000773	0.3018	2.073
MW-U2 (bg)	13	8	0.0014	0.0063	0.002954	0.0025	0.001378	0.4666	1.369
MW-U1 (bg)	25	3	0.0011	0.0051	0.001896	0.0014	0.001053	0.5556	2.196

Summary Report

Constituent: Cobalt Analysis Run 1/2/2026 3:04 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/23/2025, a summary of the selected data set:

Observations = 123
 ND/Trace = 122
 Wells = 8
 Minimum Value = 0.00012
 Maximum Value = 0.005
 Mean Value = 0.002326
 Median Value = 0.0025
 Standard Deviation = 0.0009595
 Coefficient of Variation = 0.4125
 Skewness = 0.2102

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	14	12	0.00057	0.005	0.002498	0.0025	0.0008873	0.3552	0.9571
MW-D5	14	12	0.0012	0.005	0.002543	0.0025	0.000793	0.3118	1.961
MW-D6	14	12	0.00021	0.005	0.002486	0.0025	0.0009467	0.3808	0.3788
MW-D7	14	6	0.00023	0.005	0.001837	0.0022	0.001282	0.6977	0.8282
MW-D8	14	11	0.00022	0.005	0.002328	0.0025	0.001115	0.479	0.05983
MW-D9	14	10	0.00012	0.005	0.002199	0.0025	0.001271	0.5779	-0.07315
MW-U2 (bg)	14	12	0.00068	0.005	0.002491	0.0025	0.0008727	0.3503	1.165
MW-U1 (bg)	25	24	0.0005	0.0025	0.002272	0.0025	0.0005913	0.2602	-2.431

Summary Report

Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:04 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/23/2025, a summary of the selected data set:

Observations = 125
ND/Trace = 24
Wells = 8
Minimum Value = -0.189
Maximum Value = 1.8
Mean Value = 0.5076
Median Value = 0.519
Standard Deviation = 0.3579
Coefficient of Variation = 0.7051
Skewness = 0.5055

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	14	3	0.049	1.29	0.6103	0.652	0.334	0.5473	0.1338
MW-D5	14	3	0.219	1.8	0.6188	0.5395	0.3856	0.6231	2.12
MW-D6	14	3	-0.0527	1.43	0.6052	0.5895	0.4148	0.6853	0.6163
MW-D7	14	3	-0.0315	1.22	0.5982	0.675	0.3416	0.571	-0.0745
MW-D8	14	3	-0.0397	0.851	0.4961	0.6125	0.2984	0.6016	-0.624
MW-D9	14	3	-0.0298	0.887	0.4266	0.431	0.271	0.6352	-0.09237
MW-U2 (bg)	14	3	0.0267	1.09	0.5553	0.607	0.339	0.6105	-0.1828
MW-U1 (bg)	27	3	-0.189	1.39	0.3223	0.239	0.3679	1.142	0.8332

Summary Report

Constituent: Fluoride Analysis Run 1/2/2026 3:04 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/23/2025, a summary of the selected data set:

Observations = 125
ND/Trace = 92
Wells = 8
Minimum Value = 0.027
Maximum Value = 1
Mean Value = 0.1396
Median Value = 0.092
Standard Deviation = 0.2016
Coefficient of Variation = 1.445
Skewness = 3.783

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	14	1	0.11	1	0.2029	0.14	0.2311	1.139	3.246
MW-D5	14	8	0.027	1	0.1371	0.1	0.2506	1.827	3.224
MW-D6	14	1	0.081	1	0.1784	0.105	0.239	1.34	3.211
MW-D7	14	1	0.069	1	0.1457	0.0755	0.2464	1.691	3.306
MW-D8	14	7	0.05	1	0.1456	0.096	0.2468	1.695	3.285
MW-D9	14	1	0.05	1	0.1552	0.085	0.2444	1.575	3.27
MW-U2 (bg)	14	0	0.038	0.45	0.1474	0.115	0.1247	0.8463	1.278
MW-U1 (bg)	27	3	0.04	0.13	0.06933	0.06	0.0214	0.3086	1.039

Summary Report

Constituent: Lead Analysis Run 1/2/2026 3:04 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/23/2025, a summary of the selected data set:

Observations = 118
 ND/Trace = 118
 Wells = 8
 Minimum Value = 0.00024
 Maximum Value = 0.0025
 Mean Value = 0.001383
 Median Value = 0.0013
 Standard Deviation = 0.000379
 Coefficient of Variation = 0.2741
 Skewness = 1.133

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	14	14	0.0013	0.0025	0.001436	0.0013	0.0003586	0.2498	2.345
MW-D5	14	11	0.0004	0.0025	0.001332	0.0013	0.0004713	0.3538	0.7716
MW-D6	14	14	0.0013	0.0025	0.001436	0.0013	0.0003586	0.2498	2.345
MW-D7	14	14	0.0013	0.0025	0.001436	0.0013	0.0003586	0.2498	2.345
MW-D8	14	14	0.0013	0.0025	0.001436	0.0013	0.0003586	0.2498	2.345
MW-D9	14	13	0.00024	0.0025	0.00136	0.0013	0.0004806	0.3534	0.2418
MW-U2 (bg)	14	14	0.0013	0.0025	0.001436	0.0013	0.0003586	0.2498	2.345
MW-U1 (bg)	20	19	0.00025	0.002	0.00125	0.0013	0.0003216	0.2573	-1.286

Summary Report

Constituent: Lithium Analysis Run 1/2/2026 3:04 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/23/2025, a summary of the selected data set:

Observations = 113
 ND/Trace = 106
 Wells = 8
 Minimum Value = 0.00034
 Maximum Value = 0.02
 Mean Value = 0.004046
 Median Value = 0.0025
 Standard Deviation = 0.004531
 Coefficient of Variation = 1.12
 Skewness = 3.094

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	13	12	0.002	0.02	0.004	0.0025	0.004861	1.215	3.063
MW-D5	13	11	0.0025	0.02	0.004577	0.0025	0.004847	1.059	2.741
MW-D6	13	11	0.0025	0.02	0.004477	0.0025	0.004814	1.075	2.856
MW-D7	13	13	0.0025	0.02	0.004038	0.0025	0.004845	1.2	3.071
MW-D8	13	13	0.0025	0.02	0.004231	0.0025	0.004829	1.141	2.982
MW-D9	13	11	0.0025	0.02	0.004331	0.0025	0.004801	1.109	2.972
MW-U2 (bg)	13	12	0.0021	0.02	0.004008	0.0025	0.004857	1.212	3.065
MW-U1 (bg)	22	20	0.00034	0.02	0.003256	0.0025	0.003862	1.186	3.94

Summary Report

Constituent: Mercury Analysis Run 1/2/2026 3:04 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 4/30/2025, a summary of the selected data set:

Observations = 102
 ND/Trace = 100
 Wells = 8
 Minimum Value = 0.000099
 Maximum Value = 0.00022
 Mean Value = 0.0001991
 Median Value = 0.0002
 Standard Deviation = 0.00001063
 Coefficient of Variation = 0.0534
 Skewness = -8.215

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	12	12	0.0002	0.0002	0.0002	0.0002	0	0	NaN
MW-D5	12	12	0.0002	0.0002	0.0002	0.0002	0	0	NaN
MW-D6	12	12	0.0002	0.0002	0.0002	0.0002	0	0	NaN
MW-D7	12	12	0.0002	0.0002	0.0002	0.0002	0	0	NaN
MW-D8	12	11	0.0002	0.00022	0.0002017	0.0002	0.000005774	0.02863	3.015
MW-D9	12	10	0.00019	0.00022	0.0002008	0.0002	0.000006686	0.03329	1.831
MW-U2 (bg)	12	11	0.00018	0.0002	0.0001983	0.0002	0.000005774	0.02911	-3.015
MW-U1 (bg)	18	17	0.000099	0.0002	0.0001944	0.0002	0.00002381	0.1225	-3.881

Summary Report

Constituent: Molybdenum Analysis Run 1/2/2026 3:04 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 10/22/2025, a summary of the selected data set:

Observations = 111
ND/Trace = 111
Wells = 8
Minimum Value = 0.00046
Maximum Value = 0.02
Mean Value = 0.009764
Median Value = 0.01
Standard Deviation = 0.003826
Coefficient of Variation = 0.3919
Skewness = 0.4542

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	12	11	0.0038	0.02	0.01032	0.01	0.003532	0.3424	1.359
MW-D5	12	11	0.0027	0.02	0.01022	0.01	0.003726	0.3644	0.9324
MW-D6	12	11	0.0027	0.02	0.01022	0.01	0.003726	0.3644	0.9324
MW-D7	12	11	0.0031	0.02	0.01026	0.01	0.003653	0.3561	1.086
MW-D8	12	10	0.00046	0.02	0.009388	0.01	0.004742	0.5051	0.1014
MW-D9	12	10	0.0023	0.02	0.009617	0.01	0.004318	0.4491	0.5324
MW-U2 (bg)	14	13	0.002	0.02	0.009664	0.01	0.003993	0.4132	0.4971
MW-U1 (bg)	25	24	0.0011	0.02	0.009124	0.01	0.003747	0.4107	-0.1369

Summary Report

Constituent: Selenium Analysis Run 1/2/2026 3:04 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 4/30/2025, a summary of the selected data set:

Observations = 113
 ND/Trace = 98
 Wells = 8
 Minimum Value = 0.00039
 Maximum Value = 0.0039
 Mean Value = 0.001498
 Median Value = 0.0013
 Standard Deviation = 0.000627
 Coefficient of Variation = 0.4185
 Skewness = 1.604

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	13	10	0.0011	0.0036	0.001585	0.0013	0.0006998	0.4416	2.185
MW-D5	13	11	0.001	0.0031	0.001508	0.0013	0.0005923	0.3928	2.001
MW-D6	13	10	0.0011	0.0025	0.001615	0.0013	0.0005352	0.3313	0.8586
MW-D7	13	11	0.001	0.0025	0.001546	0.0013	0.0005502	0.3558	1.187
MW-D8	13	10	0.00098	0.0034	0.001691	0.0013	0.0007603	0.4497	1.081
MW-D9	13	10	0.00084	0.0039	0.00168	0.0013	0.0008706	0.5182	1.607
MW-U2 (bg)	13	5	0.0011	0.0026	0.001585	0.0013	0.0004947	0.3122	1.192
MW-U1 (bg)	22	15	0.00039	0.0013	0.001071	0.0013	0.0003504	0.3271	-0.9249

Summary Report

Constituent: Thallium Analysis Run 1/2/2026 3:04 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

For observations made between 2/28/2017 and 4/30/2025, a summary of the selected data set:

Observations = 106
 ND/Trace = 106
 Wells = 8
 Minimum Value = 0.0001
 Maximum Value = 0.001
 Mean Value = 0.0005292
 Median Value = 0.0005
 Standard Deviation = 0.0001316
 Coefficient of Variation = 0.2487
 Skewness = 2.722

<u>Well</u>	<u>#Obs.</u>	<u>ND/Trace</u>	<u>Min</u>	<u>Max</u>	<u>Mean</u>	<u>Median</u>	<u>Std.Dev.</u>	<u>CV</u>	<u>Skewness</u>
MW-D4	12	12	0.0005	0.001	0.0005417	0.0005	0.0001443	0.2665	3.015
MW-D5	12	12	0.0005	0.001	0.0005417	0.0005	0.0001443	0.2665	3.015
MW-D6	12	12	0.0005	0.001	0.0005417	0.0005	0.0001443	0.2665	3.015
MW-D7	12	12	0.0005	0.001	0.0005417	0.0005	0.0001443	0.2665	3.015
MW-D8	12	12	0.0005	0.001	0.0005417	0.0005	0.0001443	0.2665	3.015
MW-D9	12	12	0.0005	0.001	0.0005417	0.0005	0.0001443	0.2665	3.015
MW-U2 (bg)	12	12	0.0005	0.001	0.0005417	0.0005	0.0001443	0.2665	3.015
MW-U1 (bg)	22	22	0.0001	0.0005	0.0004818	0.0005	0.00008528	0.177	-4.364

Outlier Analysis

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 1/2/2026, 3:10 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	13	0.002532	0.0009382	unknown	ShapiroWilk
Antimony (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	19	0.002395	0.0004588	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	12	0.001404	0.0003683	unknown	ShapiroWilk
Arsenic (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	13	0.001392	0.0003328	unknown	ShapiroWilk
Arsenic (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	25	0.001292	0.0003993	unknown	ShapiroWilk
Barium (mg/L)	MW-D4	No	n/a	n/a	EPA 1989	0.05	14	0.02521	0.007728	normal	ShapiroWilk
Barium (mg/L)	MW-D5	Yes	0.062,0.0...	2/7/2024,...	EPA 1989	0.05	14	0.03271	0.01097	normal	ShapiroWilk
Barium (mg/L)	MW-D6	No	n/a	n/a	EPA 1989	0.05	14	0.009314	0.001221	ln(x)	ShapiroWilk
Barium (mg/L)	MW-D7	No	n/a	n/a	EPA 1989	0.05	14	0.08843	0.02315	ln(x)	ShapiroWilk
Barium (mg/L)	MW-D8	No	n/a	n/a	EPA 1989	0.05	14	0.05443	0.004363	normal	ShapiroWilk
Barium (mg/L)	MW-D9	No	n/a	n/a	EPA 1989	0.05	14	0.04114	0.004786	normal	ShapiroWilk
Barium (mg/L)	MW-U2 (bg)	No	n/a	n/a	EPA 1989	0.05	14	0.01672	0.009435	unknown	ShapiroWilk
Barium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	27	0.002563	0.000962	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	12	0.002023	0.000795	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	18	0.001939	0.0004017	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	12	0.001072	0.0002951	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	12	0.0011	0.0002892	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-U2 (bg)	No	n/a	n/a	EPA 1989	0.05	13	0.001231	0.0004385	unknown	ShapiroWilk
Cadmium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	20	0.001085	0.000444	unknown	ShapiroWilk
Chromium (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	13	0.003031	0.002574	unknown	ShapiroWilk
Chromium (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	13	0.00441	0.006561	unknown	ShapiroWilk
Chromium (mg/L)	MW-D6	Yes	0.039	10/17/2023	EPA 1989	0.05	13	0.0053	0.01018	normal	ShapiroWilk
Chromium (mg/L)	MW-D7	No	n/a	n/a	EPA 1989	0.05	13	0.002454	0.0009061	unknown	ShapiroWilk
Chromium (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	13	0.002554	0.0005995	unknown	ShapiroWilk
Chromium (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	13	0.002562	0.000773	unknown	ShapiroWilk
Chromium (mg/L)	MW-U2 (bg)	No	n/a	n/a	EPA 1989	0.05	13	0.002954	0.001378	unknown	ShapiroWilk
Chromium (mg/L)	MW-U1 (bg)	No	n/a	n/a	EPA 1989	0.05	25	0.001896	0.001053	unknown	ShapiroWilk
Cobalt (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	14	0.002498	0.0008873	unknown	ShapiroWilk
Cobalt (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	14	0.002543	0.000793	unknown	ShapiroWilk

Outlier Analysis

CCPC Plant Crisp Ash Pond Site

Client: Geosyntec

Data: Sanitas Input

Printed 1/2/2026, 3:10 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Cobalt (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	14	0.002486	0.0009467	unknown	ShapiroWilk
Cobalt (mg/L)	MW-D7	No	n/a	n/a	EPA 1989	0.05	14	0.001837	0.001282	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	14	0.002328	0.001115	unknown	ShapiroWilk
Cobalt (mg/L)	MW-D9	No	n/a	n/a	EPA 1989	0.05	14	0.002199	0.001271	unknown	ShapiroWilk
Cobalt (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	14	0.002491	0.0008727	unknown	ShapiroWilk
Cobalt (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	25	0.002272	0.0005913	unknown	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D4	Yes	0.049	2/7/2024	EPA 1989	0.05	14	0.6103	0.334	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D5	No	n/a	n/a	EPA 1989	0.05	14	0.6188	0.3856	ln(x)	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D6	No	n/a	n/a	EPA 1989	0.05	14	0.6052	0.4148	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D7	No	n/a	n/a	EPA 1989	0.05	14	0.5982	0.3416	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D8	No	n/a	n/a	EPA 1989	0.05	14	0.4961	0.2984	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D9	No	n/a	n/a	EPA 1989	0.05	14	0.4266	0.271	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-U2 (bg)	Yes	0.0267	2/7/2024	EPA 1989	0.05	14	0.5553	0.339	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-U1 (bg)	No	n/a	n/a	EPA 1989	0.05	27	0.3223	0.3679	normal	ShapiroWilk
Fluoride (mg/L)	MW-D4	Yes	1,0.22	7/27/2022...	EPA 1989	0.05	14	0.2029	0.2311	normal	ShapiroWilk
Fluoride (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	14	0.1371	0.2506	unknown	ShapiroWilk
Fluoride (mg/L)	MW-D6	Yes	1,0.21,0.17	7/27/2022...	EPA 1989	0.05	14	0.1784	0.239	normal	ShapiroWilk
Fluoride (mg/L)	MW-D7	Yes	1,0.13,0.092	7/28/2022...	EPA 1989	0.05	14	0.1457	0.2464	normal	ShapiroWilk
Fluoride (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	14	0.1456	0.2468	unknown	ShapiroWilk
Fluoride (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	14	0.1552	0.2444	unknown	ShapiroWilk
Fluoride (mg/L)	MW-U2 (bg)	No	n/a	n/a	EPA 1989	0.05	14	0.1474	0.1247	ln(x)	ShapiroWilk
Fluoride (mg/L)	MW-U1 (bg)	No	n/a	n/a	EPA 1989	0.05	27	0.06933	0.0214	ln(x)	ShapiroWilk
Lead (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	14	0.001436	0.0003586	unknown	ShapiroWilk
Lead (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	14	0.001332	0.0004713	unknown	ShapiroWilk
Lead (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	14	0.001436	0.0003586	unknown	ShapiroWilk
Lead (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	14	0.001436	0.0003586	unknown	ShapiroWilk
Lead (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	14	0.001436	0.0003586	unknown	ShapiroWilk
Lead (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	14	0.00136	0.0004806	unknown	ShapiroWilk
Lead (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	14	0.001436	0.0003586	unknown	ShapiroWilk
Lead (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	20	0.00125	0.0003216	unknown	ShapiroWilk
Lithium (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	13	0.004	0.004861	unknown	ShapiroWilk
Lithium (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	13	0.004577	0.004847	unknown	ShapiroWilk
Lithium (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	13	0.004477	0.004814	unknown	ShapiroWilk
Lithium (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	13	0.004038	0.004845	unknown	ShapiroWilk
Lithium (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	13	0.004231	0.004829	unknown	ShapiroWilk
Lithium (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	13	0.004331	0.004801	unknown	ShapiroWilk
Lithium (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	13	0.004008	0.004857	unknown	ShapiroWilk
Lithium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	22	0.003256	0.003862	unknown	ShapiroWilk
Mercury (mg/L)	MW-D4	No	n/a	n/a	EPA 1989	0.05	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D5	No	n/a	n/a	EPA 1989	0.05	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D6	No	n/a	n/a	EPA 1989	0.05	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D7	No	n/a	n/a	EPA 1989	0.05	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	18	0.000...	0.0000...	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	12	0.01032	0.003532	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	12	0.01022	0.003726	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	12	0.01022	0.003726	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	12	0.01026	0.003653	unknown	ShapiroWilk

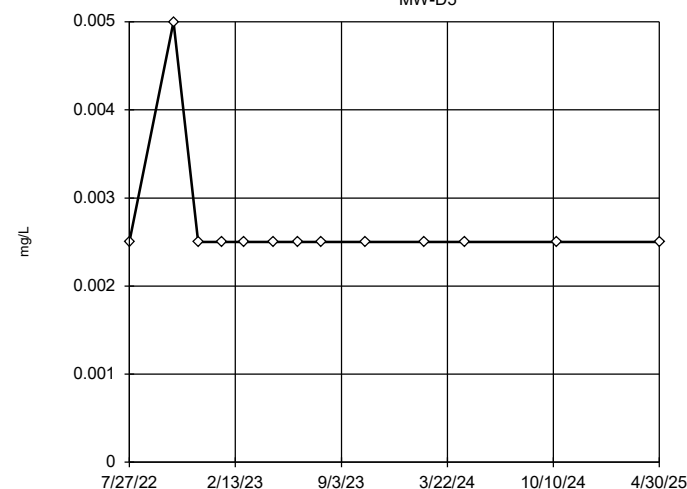
Outlier Analysis

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 1/2/2026, 3:10 PM

<u>Constituent</u>	<u>Well</u>	<u>Outlier</u>	<u>Value(s)</u>	<u>Date(s)</u>	<u>Method</u>	<u>Alpha</u>	<u>N</u>	<u>Mean</u>	<u>Std. Dev.</u>	<u>Distribution</u>	<u>Normality Test</u>
Molybdenum (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	12	0.009388	0.004742	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D9	No	n/a	n/a	EPA 1989	0.05	12	0.009617	0.004318	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	14	0.009664	0.003993	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	25	0.009124	0.003747	unknown	ShapiroWilk
Selenium (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	13	0.001585	0.0006998	unknown	ShapiroWilk
Selenium (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	13	0.001508	0.0005923	unknown	ShapiroWilk
Selenium (mg/L)	MW-D6	No	n/a	n/a	EPA 1989	0.05	13	0.001615	0.0005352	unknown	ShapiroWilk
Selenium (mg/L)	MW-D7	No	n/a	n/a	EPA 1989	0.05	13	0.001546	0.0005502	unknown	ShapiroWilk
Selenium (mg/L)	MW-D8	No	n/a	n/a	EPA 1989	0.05	13	0.001691	0.0007603	unknown	ShapiroWilk
Selenium (mg/L)	MW-D9	No	n/a	n/a	EPA 1989	0.05	13	0.00168	0.0008706	unknown	ShapiroWilk
Selenium (mg/L)	MW-U2 (bg)	No	n/a	n/a	EPA 1989	0.05	13	0.001585	0.0004947	unknown	ShapiroWilk
Selenium (mg/L)	MW-U1 (bg)	No	n/a	n/a	EPA 1989	0.05	22	0.001071	0.0003504	unknown	ShapiroWilk
Thallium (mg/L)	MW-D4	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D5	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D6	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D7	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D8	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D9	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	EPA 1989	0.05	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	EPA 1989	0.05	22	0.000...	0.0000...	unknown	ShapiroWilk

EPA 1989 Outlier Screening

MW-D5



n = 13

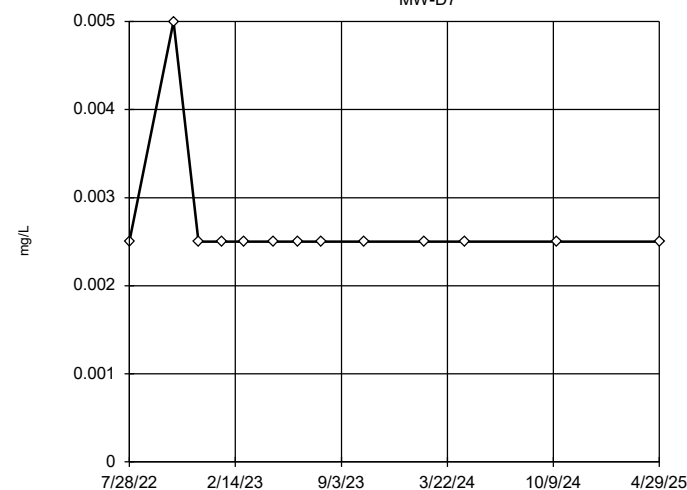
No statistical outliers.
The distribution was not normalizable.
Mean 0.002692, std. dev. 0.0006934, critical Tn 2.331

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.3111
Critical = 0.866

Constituent: Antimony Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7



n = 13

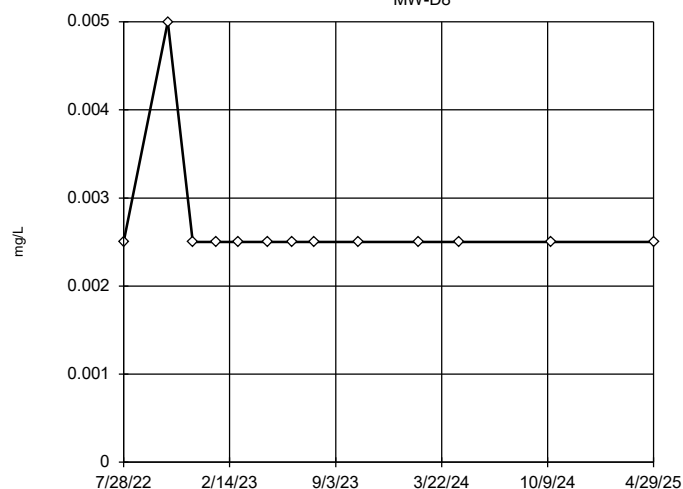
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002692, std. dev.
0.0006934, critical Tn
2.331

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.3111
Critical = 0.866

Constituent: Antimony Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D8

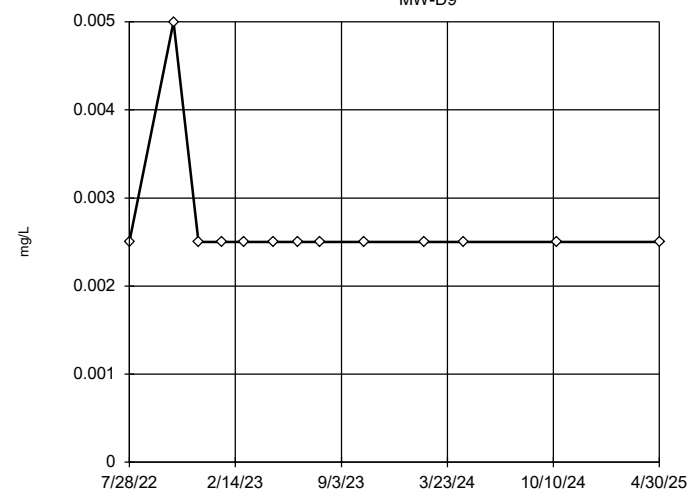


n = 13
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002692, std. dev.
0.0006934, critical Tn
2.331
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.3111
Critical = 0.866

Constituent: Antimony Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9

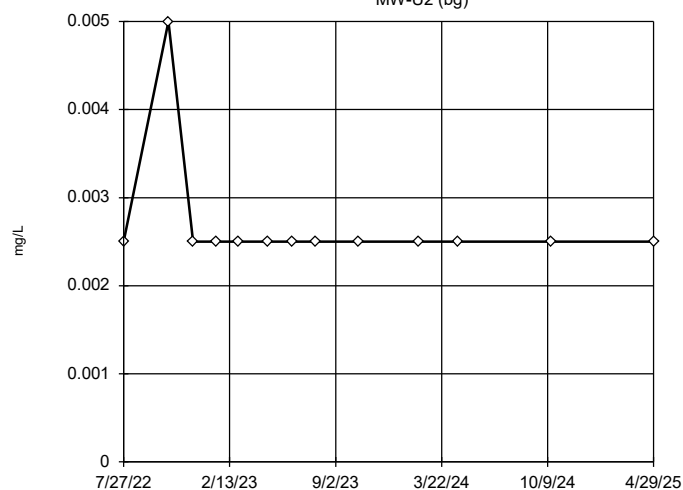


n = 13
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002692, std. dev.
0.0006934, critical Tn
2.331
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.3111
Critical = 0.866

Constituent: Antimony Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U2 (bg)

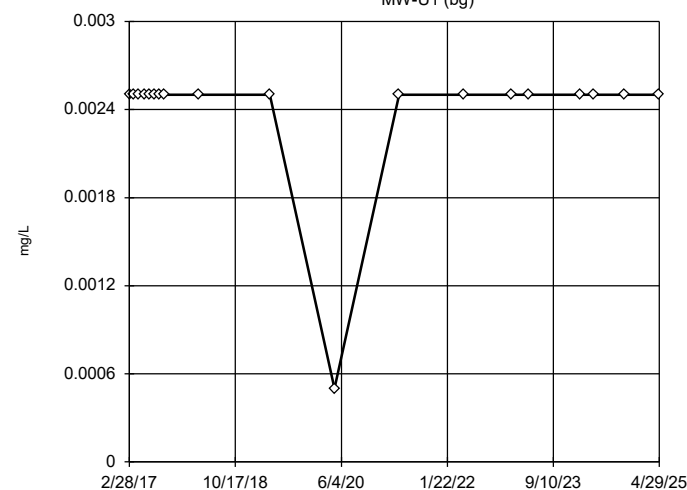


n = 13
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002692, std. dev.
0.0006934, critical Tn
2.331
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.3111
Critical = 0.866

Constituent: Antimony Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U1 (bg)

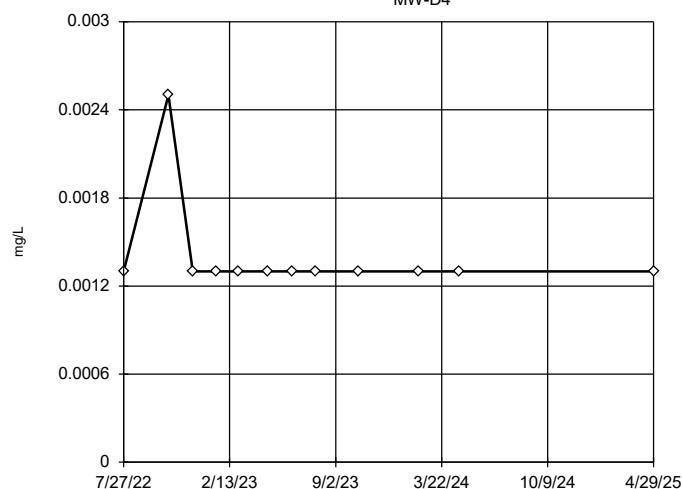


n = 19
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002395, std. dev.
0.0004588, critical Tn
2.532
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.244
Critical = 0.901

Constituent: Antimony Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D4



n = 12

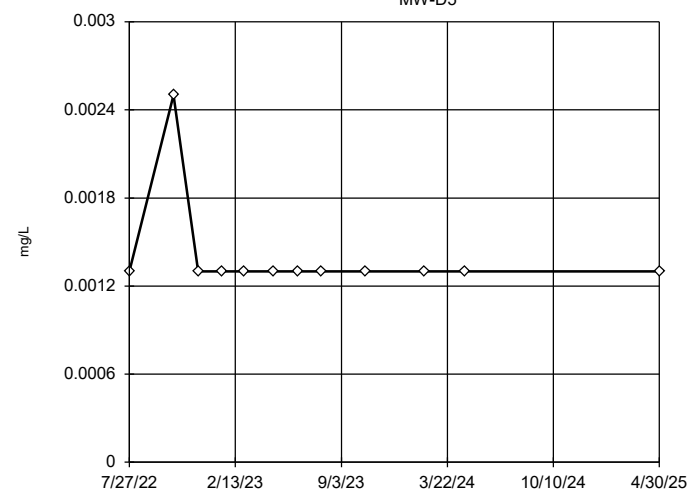
No statistical outliers.
The distribution was not
normalizable.
Mean 0.0014, std. dev.
0.0003464, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Arsenic Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D5



n = 12

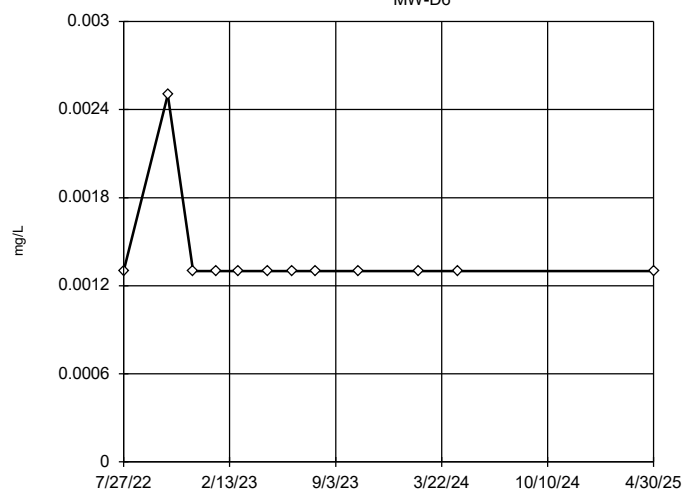
No statistical outliers.
The distribution was not
normalizable.
Mean 0.0014, std. dev.
0.0003464, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Arsenic Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D6



n = 12

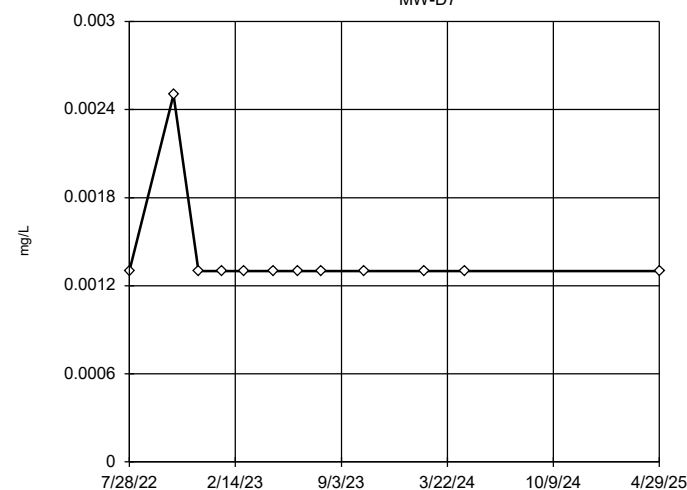
No statistical outliers.
The distribution was not
normalizable.
Mean 0.0014, std. dev.
0.0003464, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Arsenic Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7



n = 12

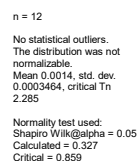
No statistical outliers.
The distribution was not
normalizable.
Mean 0.0014, std. dev.
0.0003464, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Arsenic Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9



The graph displays the concentration of MW-DS in mg/L over time. The y-axis ranges from 0 to 0.003 mg/L with major grid lines every 0.0006 mg/L. The x-axis shows dates from 7/28/22 to 4/30/25. The data points are connected by a solid black line, and a horizontal purple line is drawn at 0.0012 mg/L.

Date	MW-DS Concentration (mg/L)
7/28/22	0.0014
~10/2022	0.0024
~12/2022	0.0013
2/14/23	0.0014
~4/2023	0.0013
~6/2023	0.0013
9/3/23	0.0013
~11/2023	0.0009
3/23/24	0.0013
10/10/24	0.0012
4/30/25	0.0012

n = 12

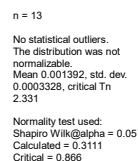
No statistical outliers.
The distribution was not
normalizable.

Mean 0.001404, std. dev.
0.0003683, critical Tn
2.285. After removing
suspect data: mean 0.001305,
std. dev. 0.000135, Tn
2.234; mean 0.00134, std.
dev. 0.00006992, Tn 2.176;
mean 0.001322, std. dev.
0.0000441, Tn 2.11.

Normality test used:
Shapiro Wilk α =0.05
Calculated = 0.5361
Critical = 0.829

EPA 1989 Outlier Screening

MW-U1 (bg)



The graph displays the concentration of MW-CF (ug) in mg/L over time. The y-axis ranges from 0 to 0.003 mg/L with major grid lines every 0.0006 mg/L. The x-axis shows dates from 2/28/17 to 4/29/25. The data points are connected by a solid black line. The concentration is generally stable at approximately 0.0012 mg/L, with a significant drop to near 0 in early 2020 and a peak of approximately 0.0025 mg/L in late 2022.

Date	MW-CF (ug) (mg/L)
2/28/17	0.0012
3/1/17	0.0012
3/15/17	0.0005
3/22/17	0.0012
10/17/18	0.0012
11/1/18	0.0012
12/1/18	0.0012
6/4/20	0.0002
7/1/20	0.0012
8/1/20	0.0012
12/22/22	0.0019
12/29/22	0.0025
1/5/23	0.0012
9/10/23	0.0012
10/1/23	0.0012
11/1/23	0.0012
4/29/25	0.0012

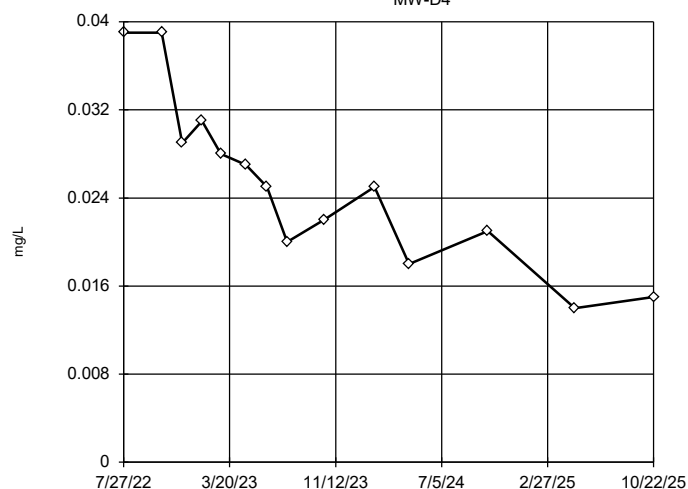
n = 25

No statistical outliers.
The distribution was not normalizable.
Mean 0.001292, std. dev. 0.0003993, critical Tn 2.663. After removing suspect data: mean 0.00134, std. dev. 0.0003275, Tn 2.644; mean 0.001378, std. dev. 0.0002746, Tn 2.624; mean 0.001327, std. dev. 0.0001279, Tn 2.603; mean 0.0013, std. dev. 7.7e-13, Tn 2.58.

Normality test used:
Shapiro Wilk $\alpha = 0.05$
Calculated = 0.4647
Critical = 0.918

EPA 1989 Outlier Screening

MW-D4



n = 14

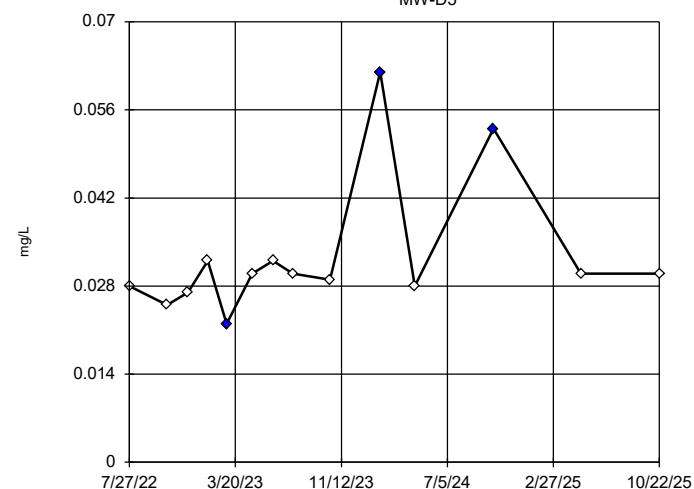
No statistical outliers.
Mean 0.02521, std. dev.
0.007728, critical Tn
2.371

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9489
Critical = 0.874
The distribution was found
to be normally distrib-
uted.

Constituent: Barium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D5



n = 14

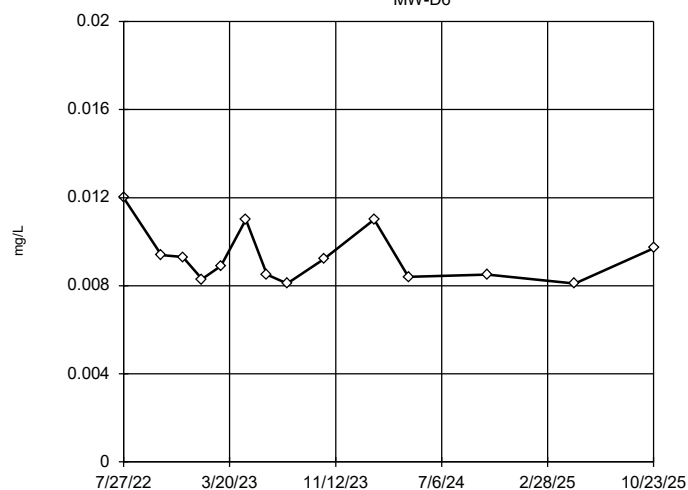
Statistical outliers are
drawn as solid.
Mean 0.03271, std. dev.
0.01097, critical Tn 2.371.
After removing suspect
data: mean 0.03046, std.
dev. 0.00731, Tn 2.331;
mean 0.02858, std. dev.
0.002875, Tn 2.285; mean
0.02918, std. dev. 0.002089,
Tn 2.234.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9344
Critical = 0.85
The distribution, after
removal of suspect val-
ues, was found to be nor-
mally distributed.

Constituent: Barium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D6



n = 14

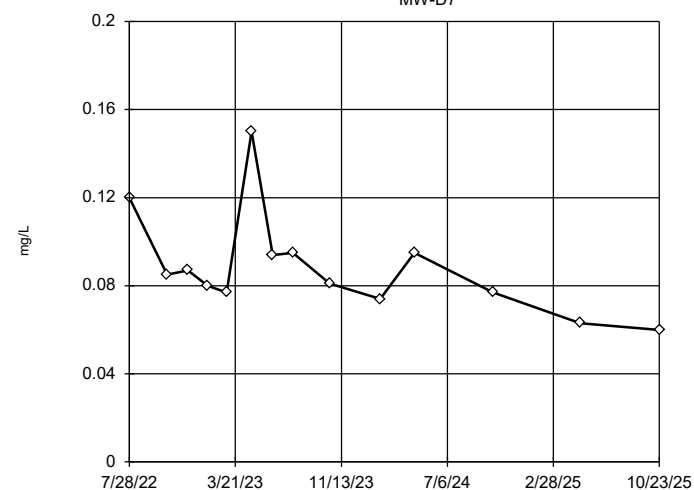
No statistical outliers.
Mean 0.009314, std. dev.
0.001221, critical Tn
2.371

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.8837
Critical = 0.874 (after
natural log transforma-
tion)
The distribution was found
to be log-normal.

Constituent: Barium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7

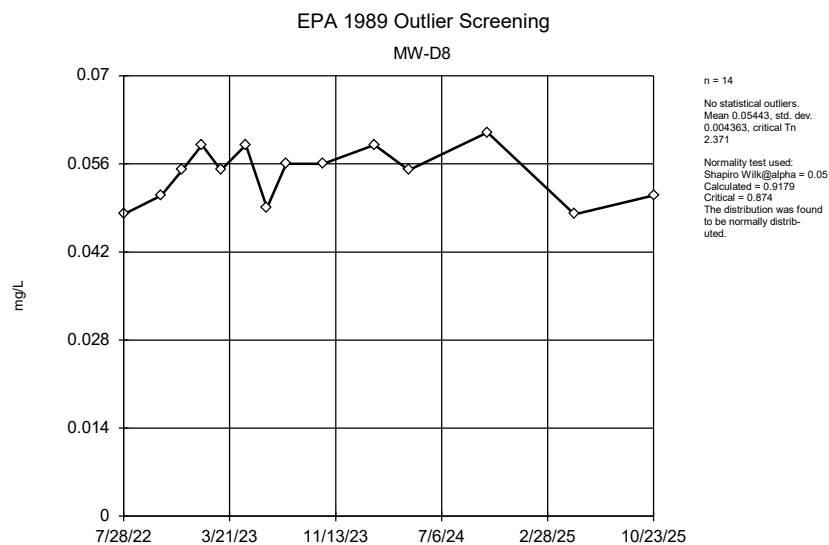


n = 14

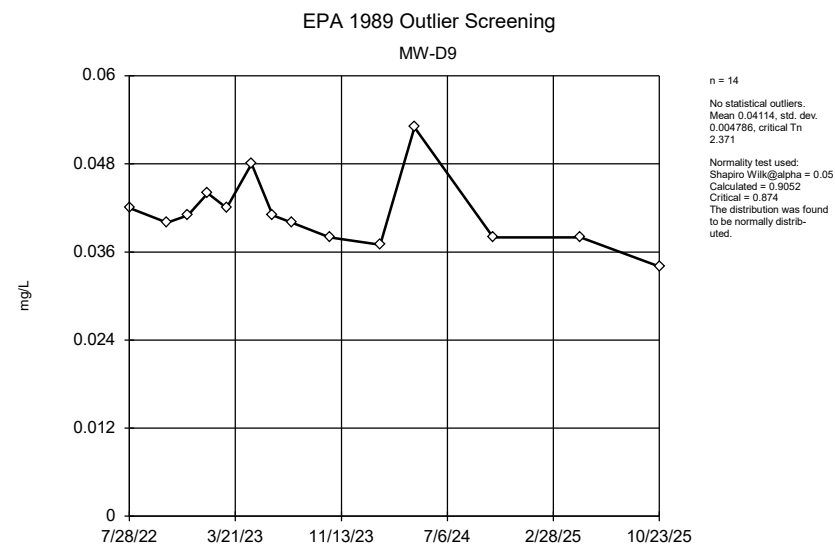
No statistical outliers.
Mean 0.08843, std. dev.
0.02315, critical Tn 2.371

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9342
Critical = 0.874 (after
natural log transforma-
tion)
The distribution was found
to be log-normal.

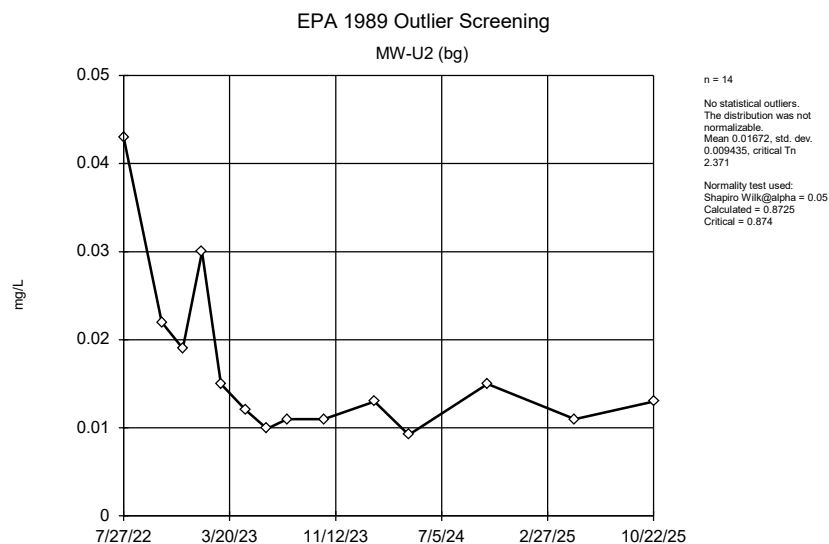
Constituent: Barium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



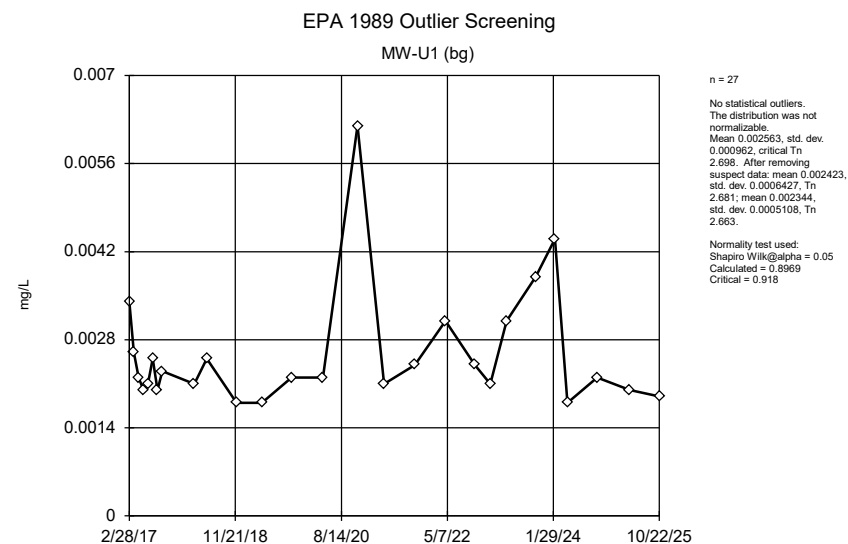
Constituent: Barium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



Constituent: Barium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

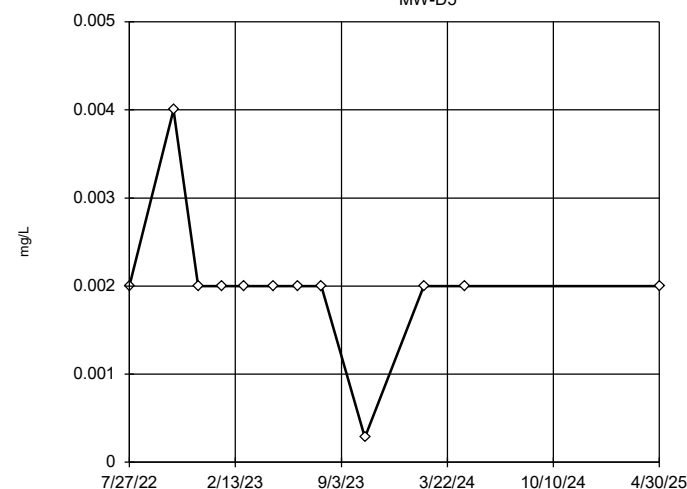


Constituent: Barium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



EPA 1989 Outlier Screening

MW-D5



n = 12

No statistical outliers.
The distribution was not normalizable.

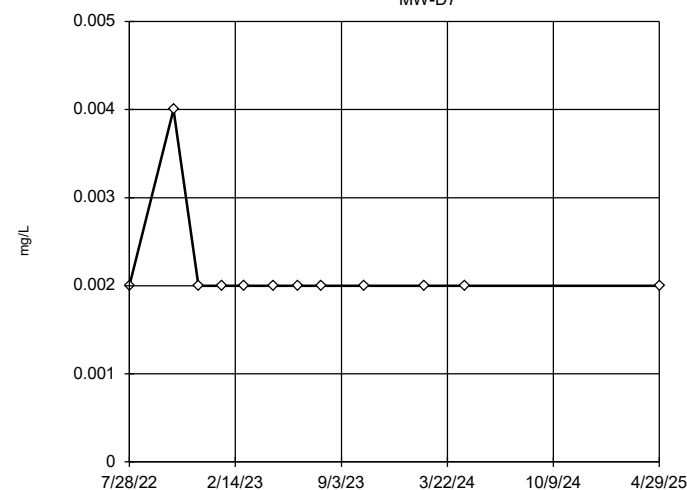
Mean 0.002023, std. dev. 0.000795, critical Tn 2.285. After removing suspect data: mean 0.002182, std. dev. 0.000603, Tn 2.234.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.5034
Critical = 0.859

Constituent: Beryllium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7



n = 12

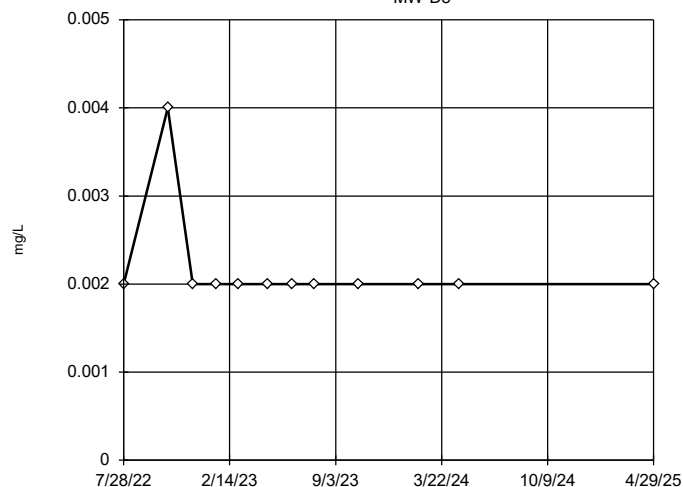
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002167, std. dev.
0.0005774, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Beryllium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D8



n = 12

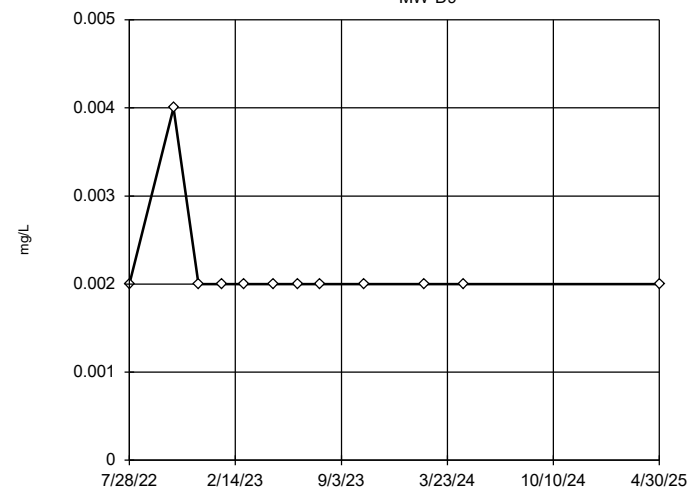
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002167, std. dev.
0.0005774, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Beryllium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9



n = 12

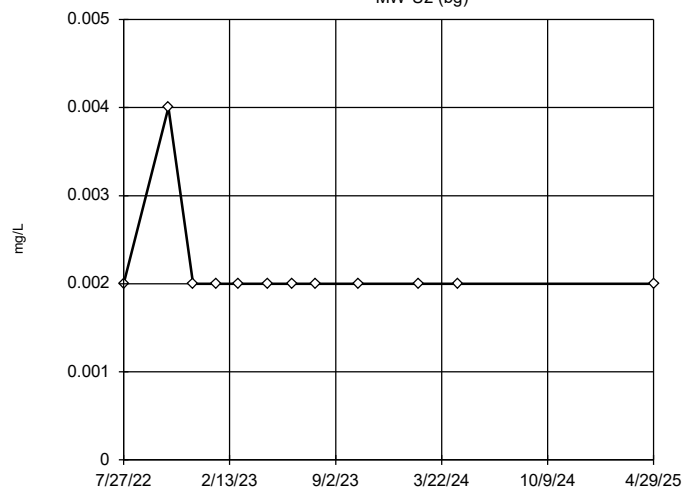
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002167, std. dev.
0.0005774, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Beryllium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U2 (bg)



n = 12

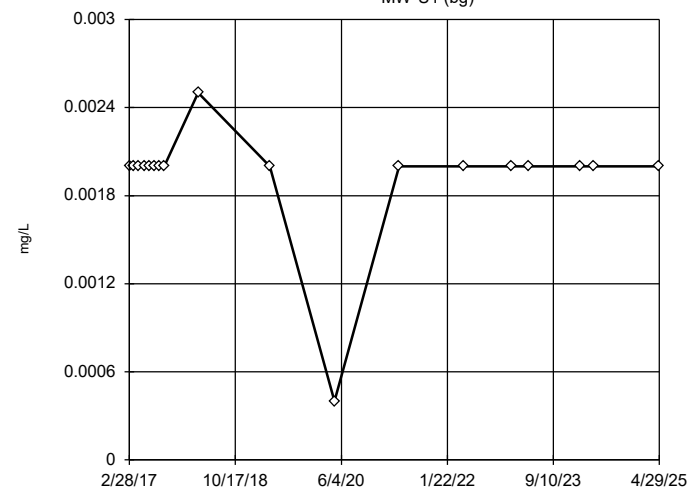
No statistical outliers.
The distribution was not
normalizable.
Mean 0.002167, std. dev.
0.0005774, critical Tn
2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Beryllium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U1 (bg)



n = 18

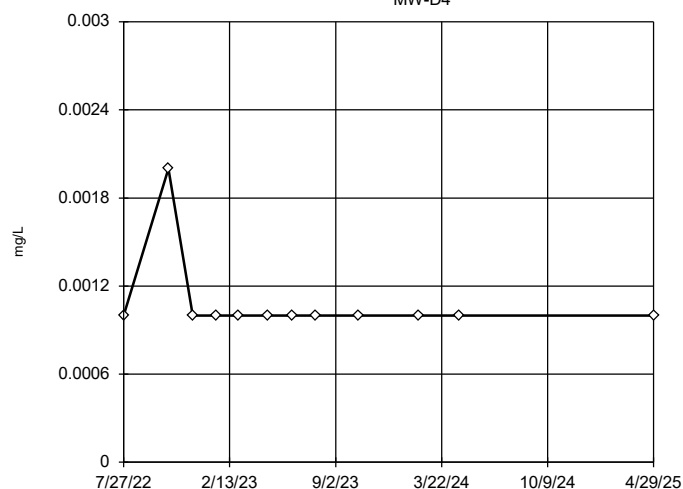
No statistical outliers.
The distribution was not
normalizable.
Mean 0.001939, std. dev.
0.0004017, critical Tn
2.504. After removing
suspect data: mean 0.002029,
std. dev. 0.0001213, Tn
2.475.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.3165
Critical = 0.897

Constituent: Beryllium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D4

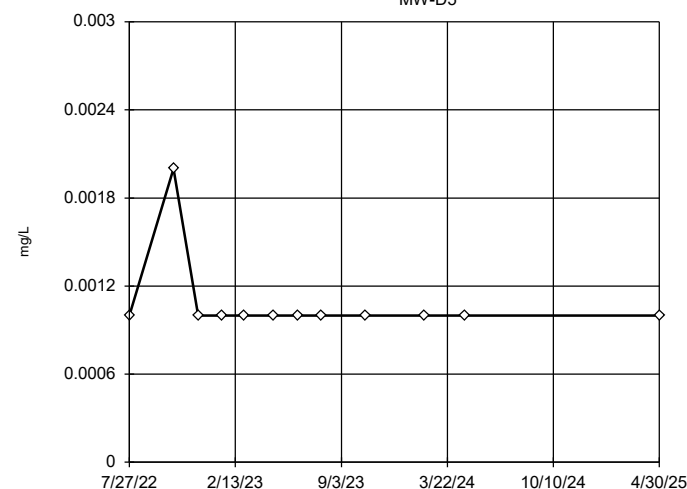


n = 12
No statistical outliers.
The distribution was not
normalizable.
Mean 0.001083, std. dev.
0.0002887, critical Tn
2.285
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Cadmium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D5

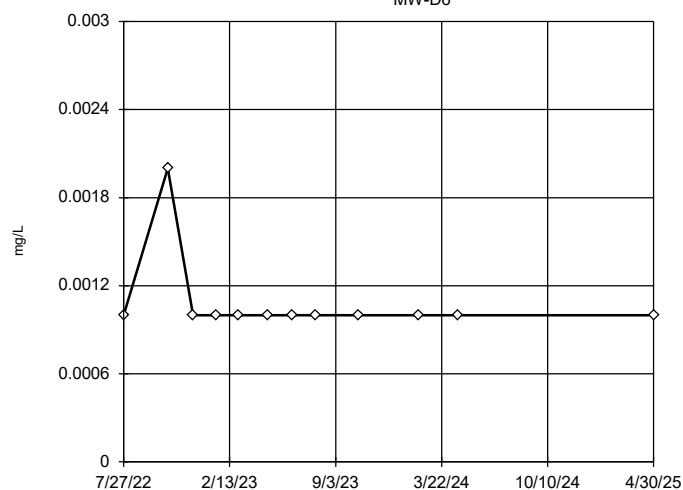


n = 12
No statistical outliers.
The distribution was not
normalizable.
Mean 0.001083, std. dev.
0.0002887, critical Tn
2.285
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Cadmium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D6

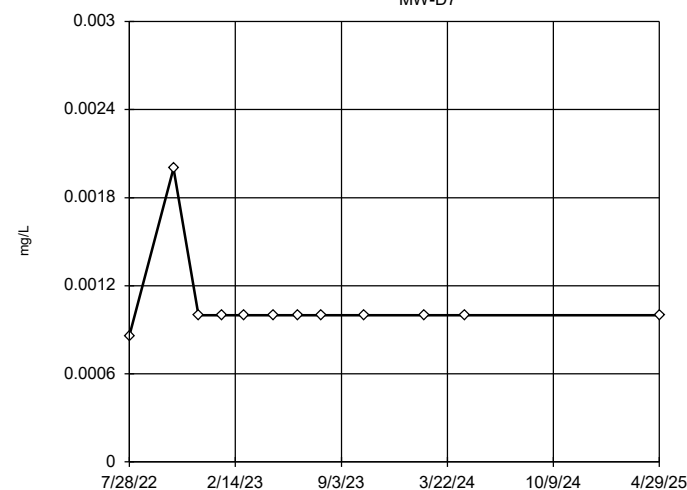


n = 12
No statistical outliers.
The distribution was not
normalizable.
Mean 0.001083, std. dev.
0.0002887, critical Tn
2.285
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Cadmium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7

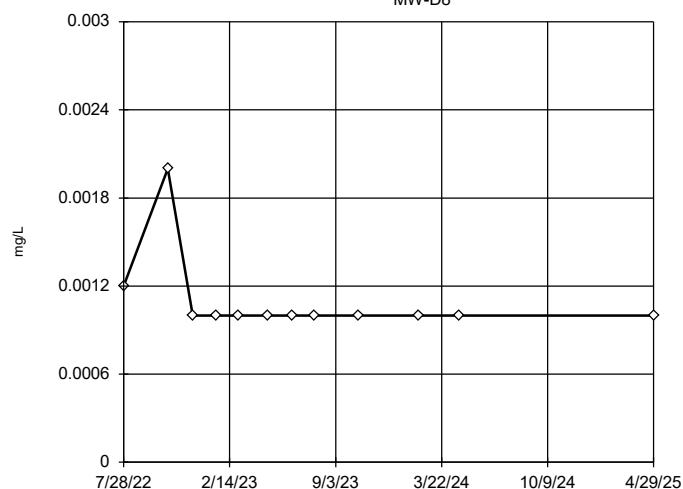


n = 12
No statistical outliers.
The distribution was not
normalizable.
Mean 0.001072, std. dev.
0.0002951, critical Tn
2.285. After removing
suspect data: mean 0.0009873,
std. dev. 0.0004221,
Tn 2.234.
Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.446
Critical = 0.859

Constituent: Cadmium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D8

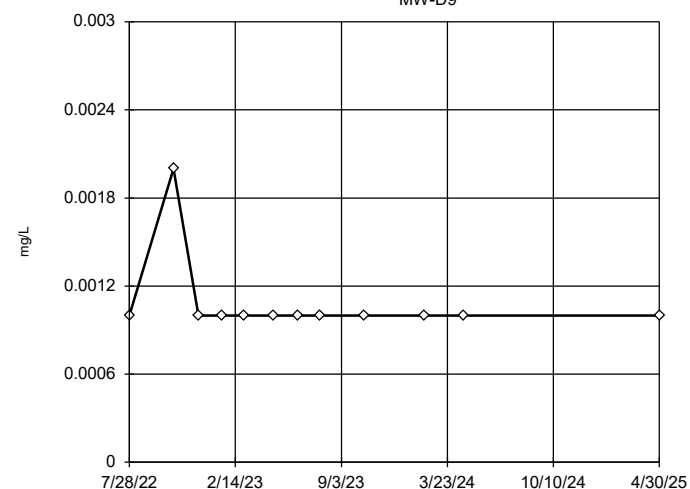


n = 12
No statistical outliers.
The distribution was not normalizable.
Mean 0.0011, std. dev. 0.0002892, critical Tn 2.285. After removing suspect data: mean 0.001018, std. dev. 0.0000603, Tn 2.234.
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.4306
Critical = 0.859

Constituent: Cadmium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9

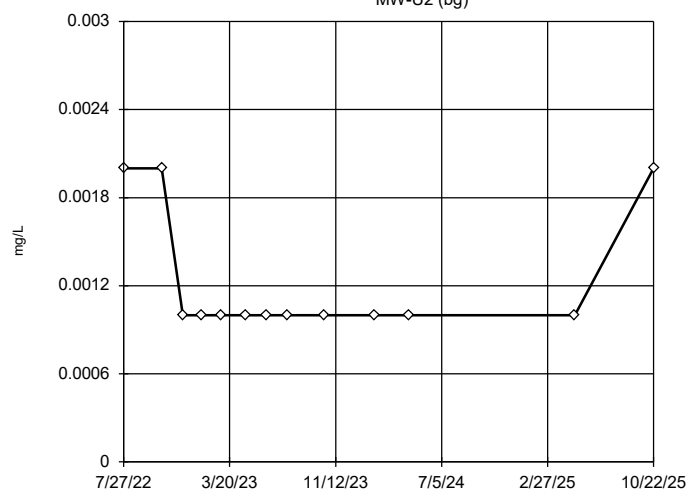


n = 12
No statistical outliers.
The distribution was not normalizable.
Mean 0.001083, std. dev. 0.0002887, critical Tn 2.285
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Cadmium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U2 (bg)

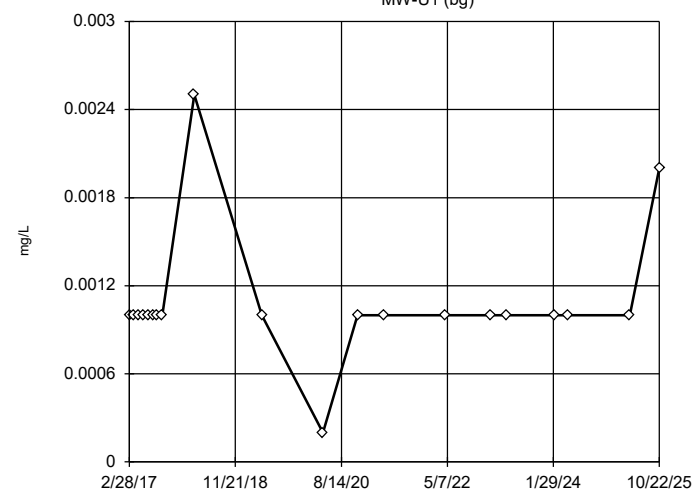


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.001231, std. dev. 0.0004385, critical Tn 2.331
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.5335
Critical = 0.866

Constituent: Cadmium Analysis Run 1/2/2026 3:06 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

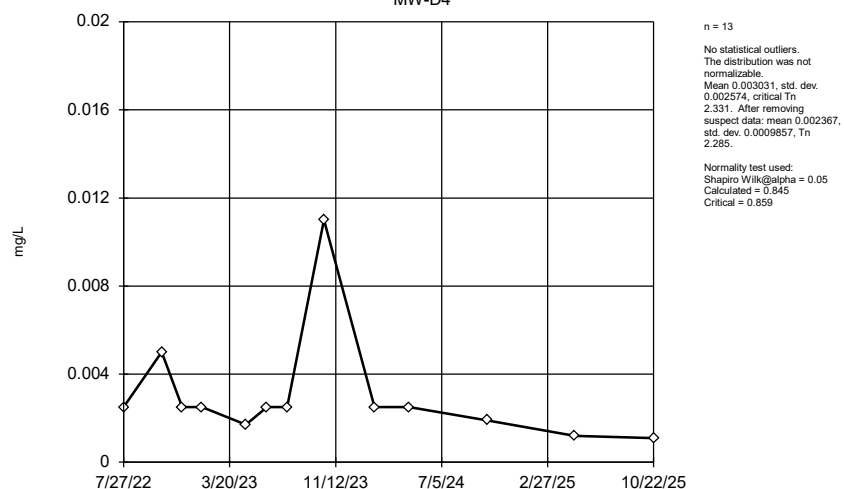
EPA 1989 Outlier Screening

MW-U1 (bg)



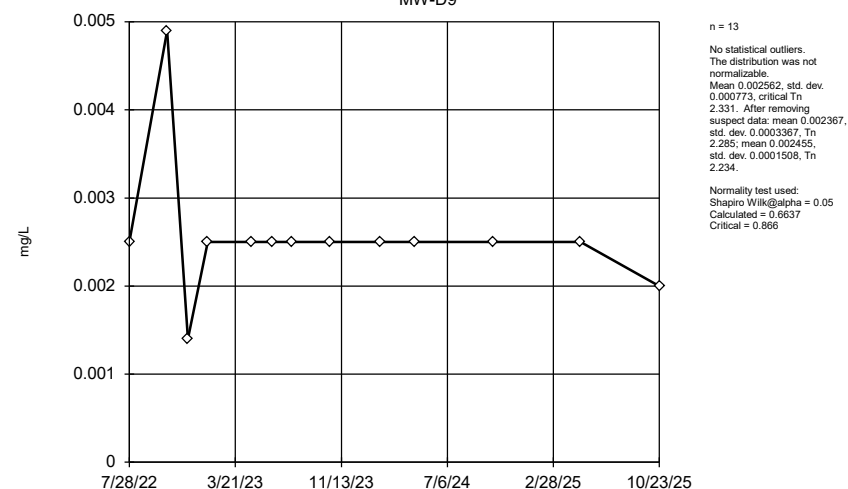
EPA 1989 Outlier Screening

MW-D4



EPA 1989 Outlier Screening

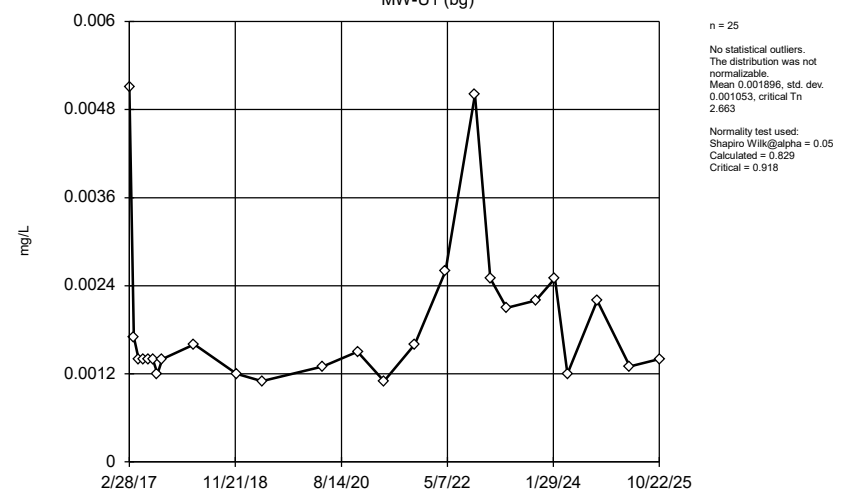
MW-D9



Constituent: Chromium Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

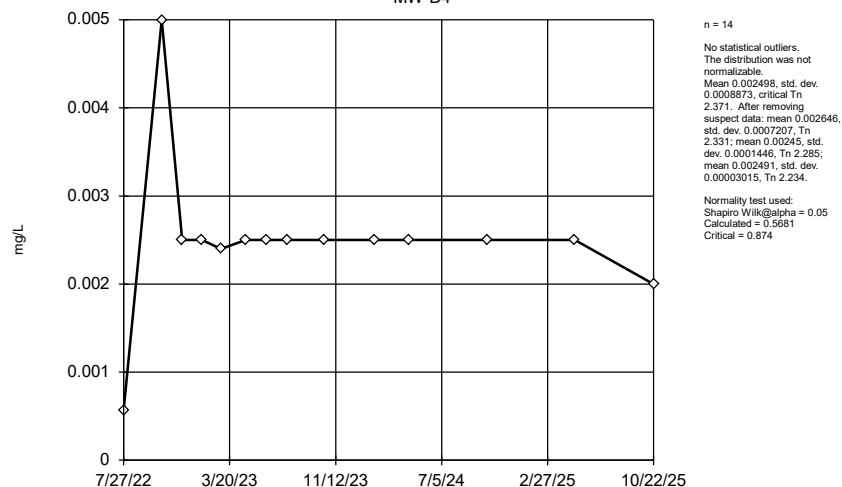
MW-U1 (bg)



Constituent: Chromium Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

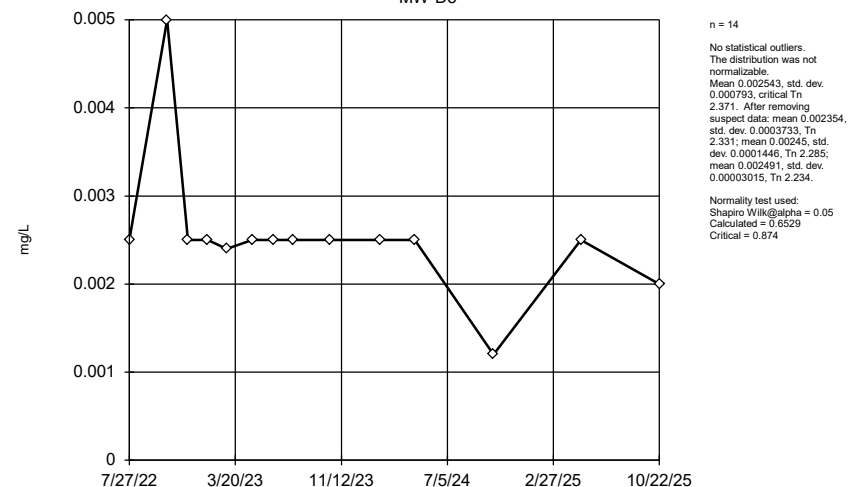
MW-D4



Constituent: Cobalt Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

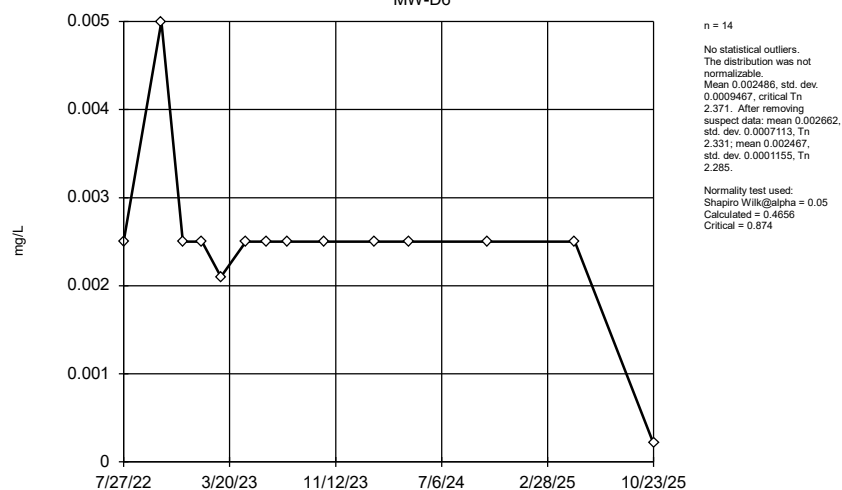
MW-D5



Constituent: Cobalt Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

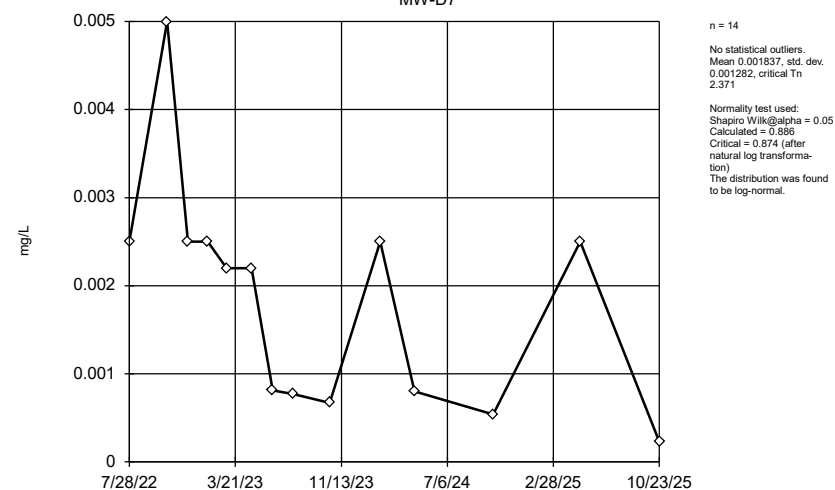
MW-D6



Constituent: Cobalt Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

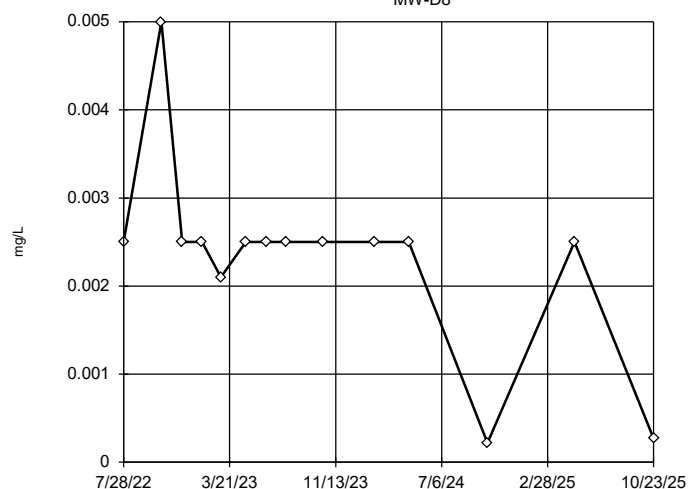
MW-D7



Constituent: Cobalt Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D8



n = 14

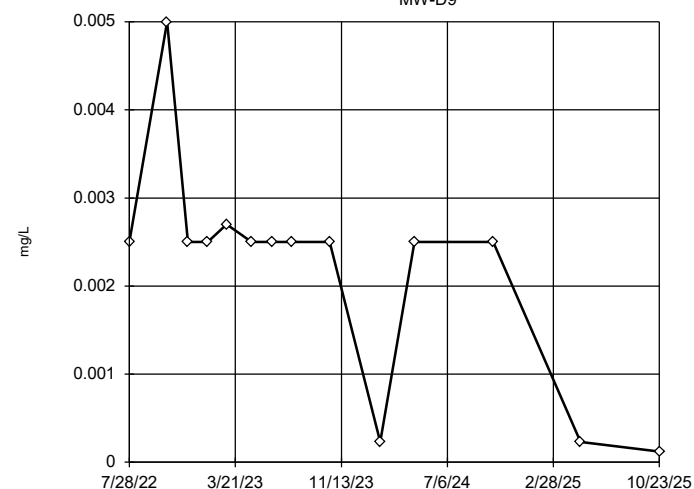
No statistical outliers.
The distribution was not normalizable.
Mean 0.002328, std. dev. 0.001115, critical Tn 2.371. After removing suspect data: mean 0.00249, std. dev. 0.000739, Tn 2.331; mean 0.002675, std. dev. 0.0007412, Tn 2.285; mean 0.002464, std. dev. 0.0001206, Tn 2.234.

Normality test used:
Shapiro Wilk(alpha = 0.05)
Calculated = 0.5778
Critical = 0.874

Constituent: Cobalt Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9



n = 14

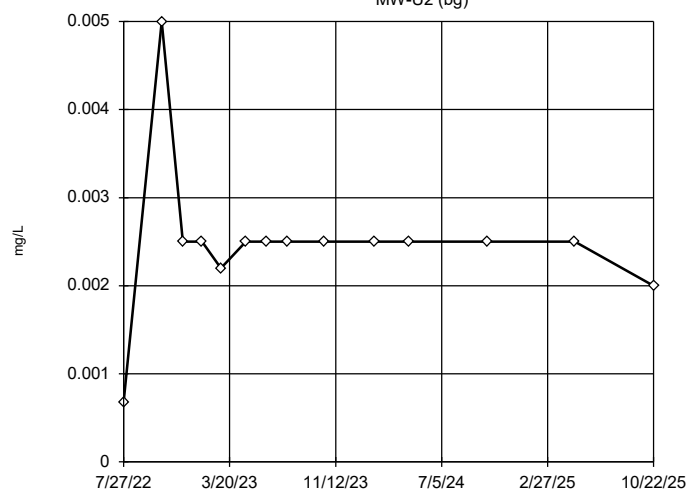
No statistical outliers.
The distribution was not normalizable.
Mean 0.002199, std. dev. 0.001271, critical Tn 2.371

Normality test used:
Shapiro Wilk(alpha = 0.05)
Calculated = 0.6441
Critical = 0.874

Constituent: Cobalt Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

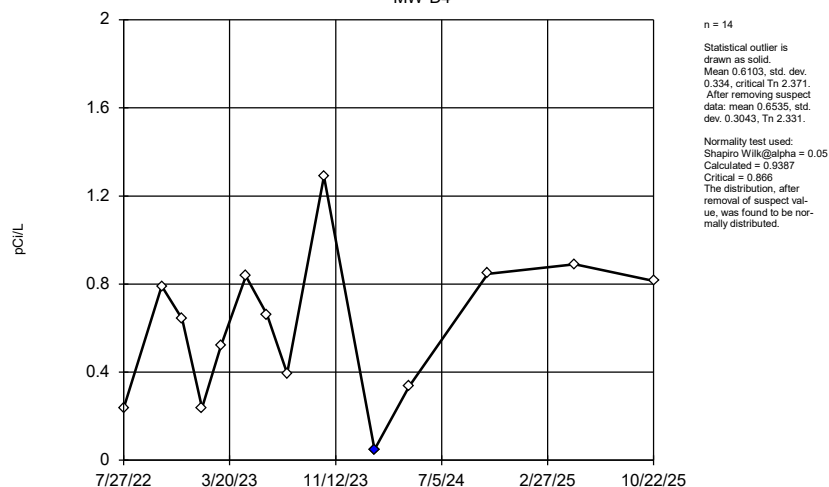
EPA 1989 Outlier Screening

MW-U2 (bg)



EPA 1989 Outlier Screening

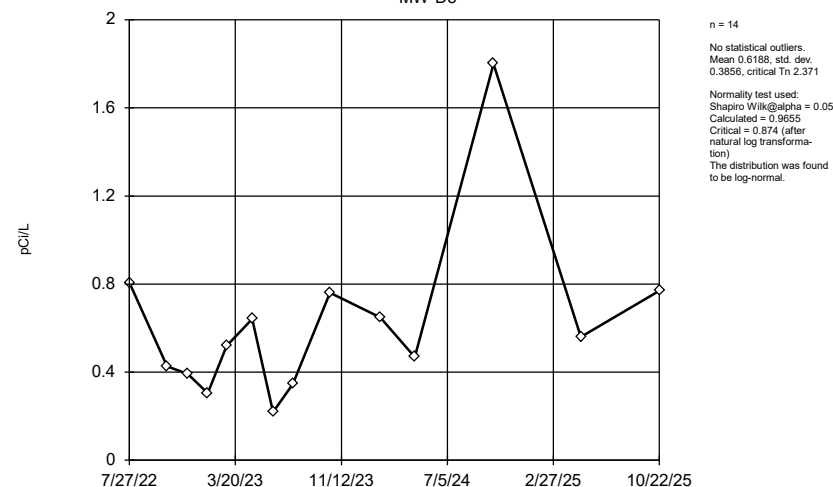
MW-D4



Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:07 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

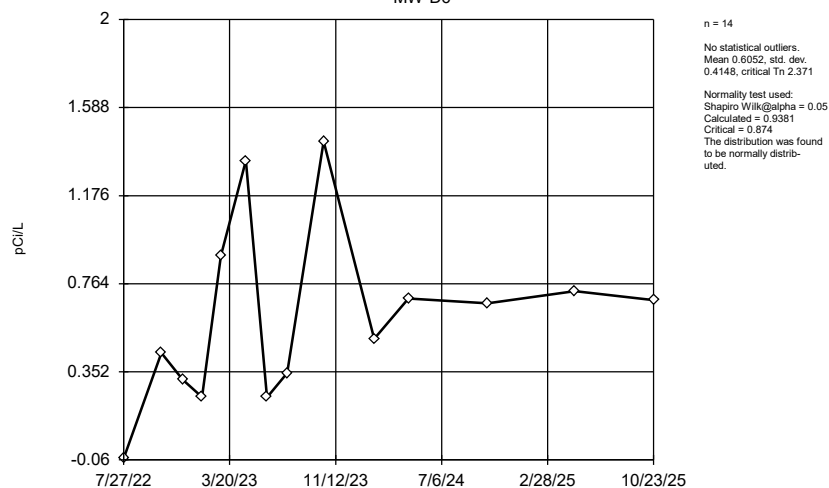
MW-D5



Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:07 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

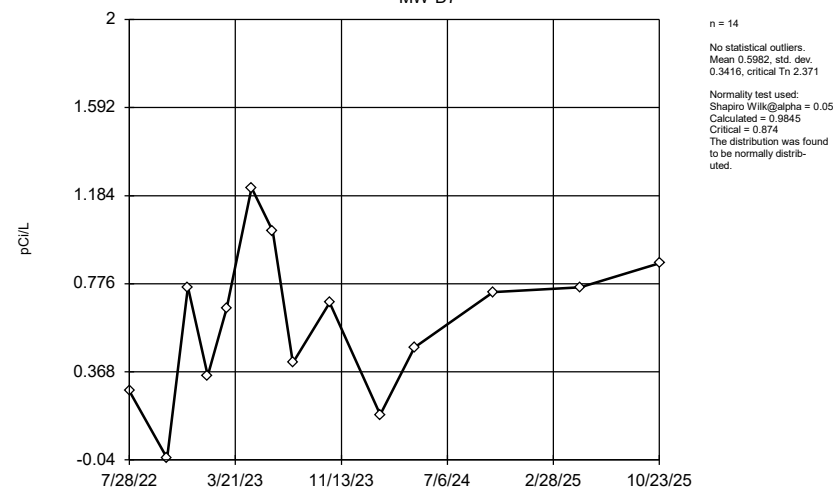
MW-D6



Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:07 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

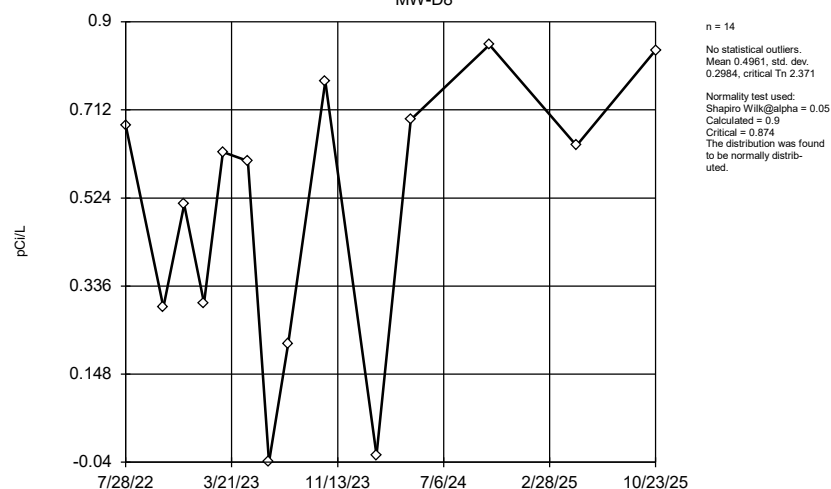
MW-D7



Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:07 PM
 CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

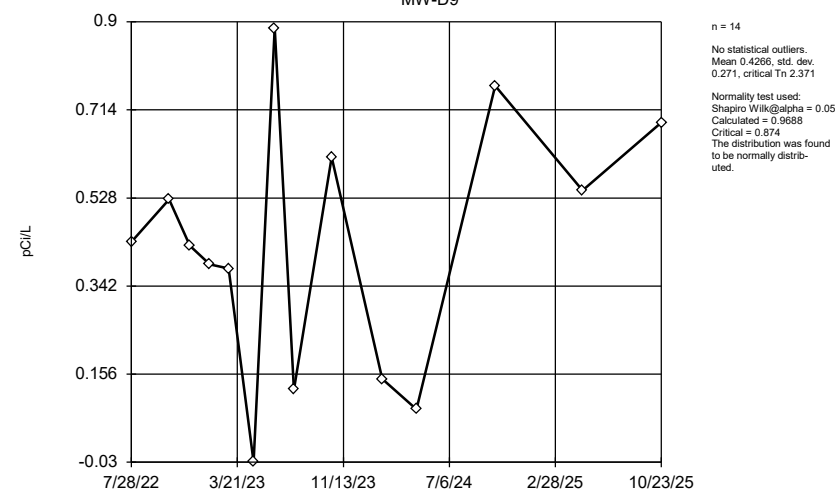
MW-D8



Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

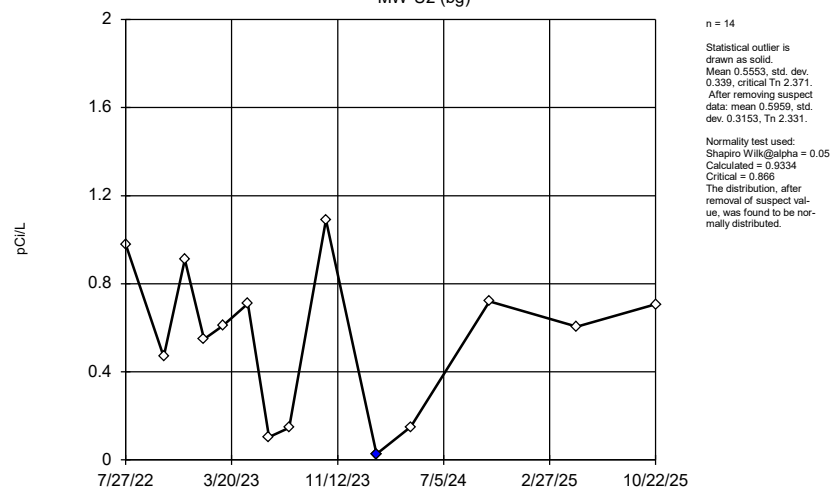
MW-D9



Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

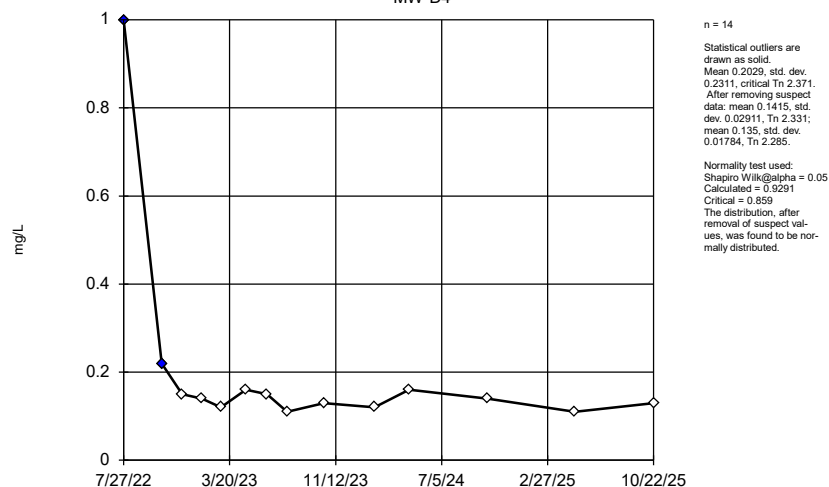
EPA 1989 Outlier Screening

MW-U2 (bg)



EPA 1989 Outlier Screening

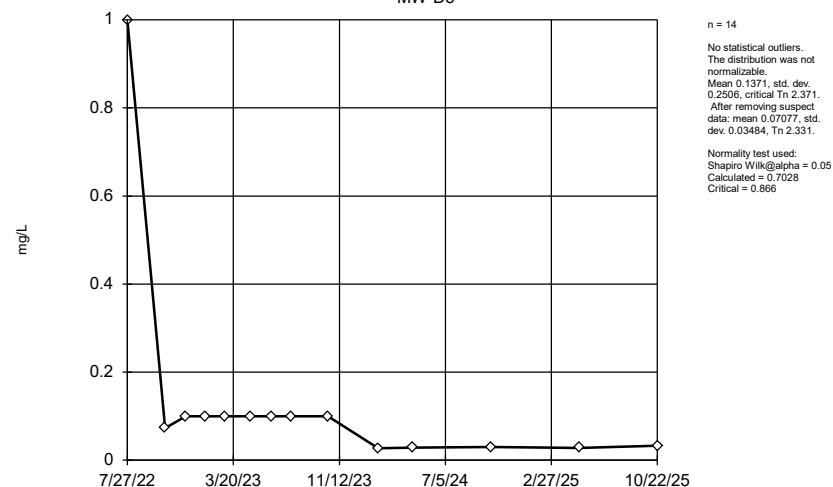
MW-D4



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

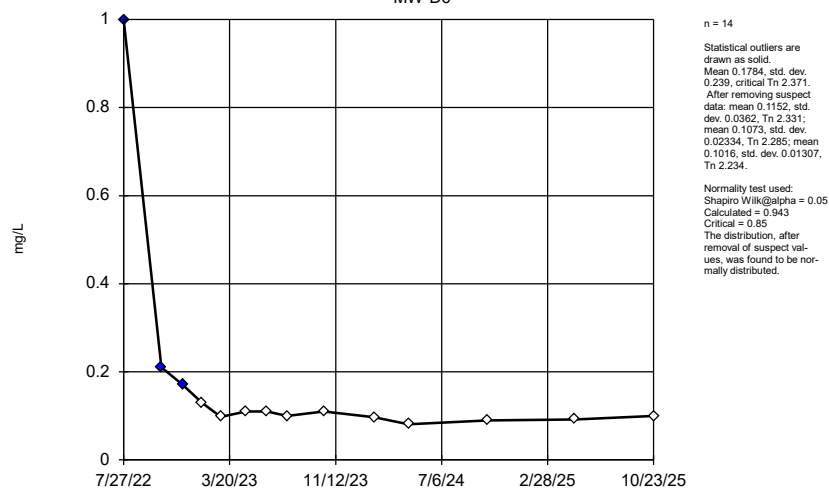
MW-D5



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

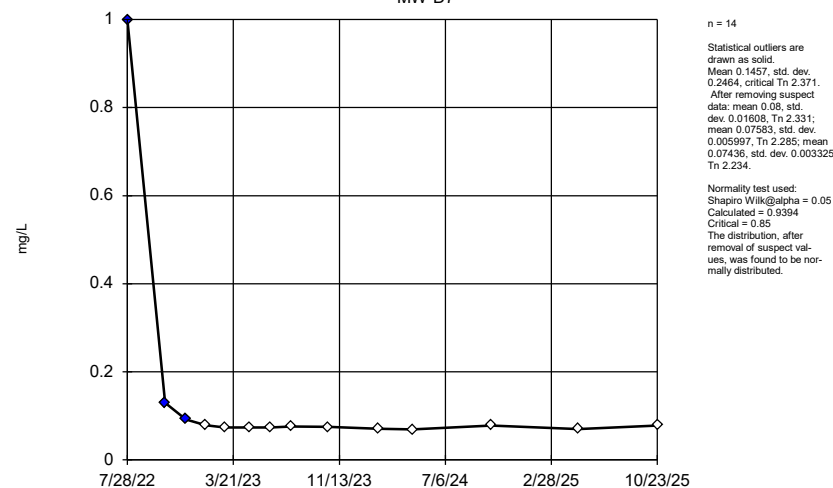
MW-D6



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

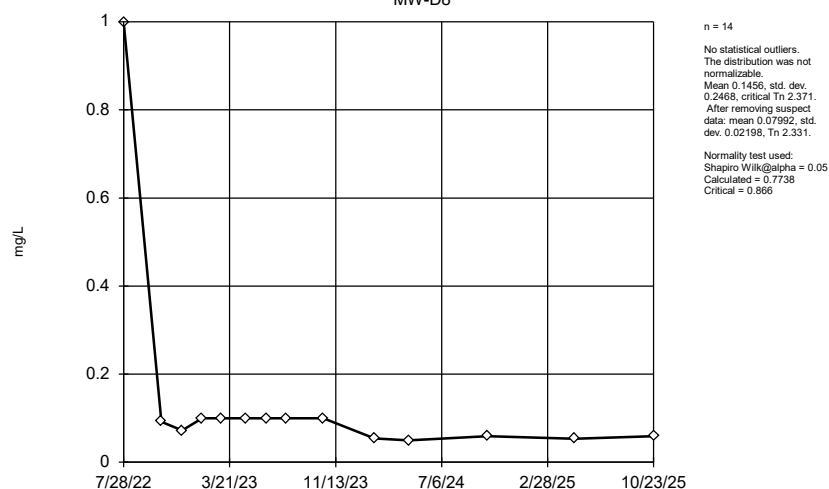
MW-D7



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

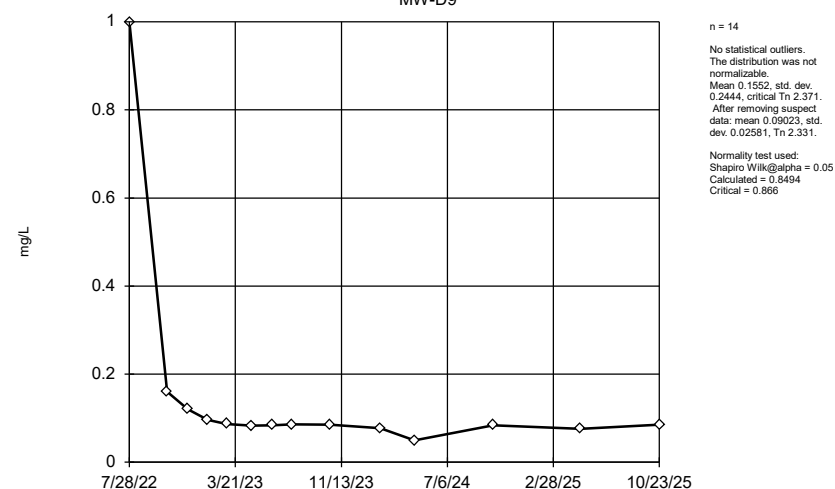
MW-D8



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

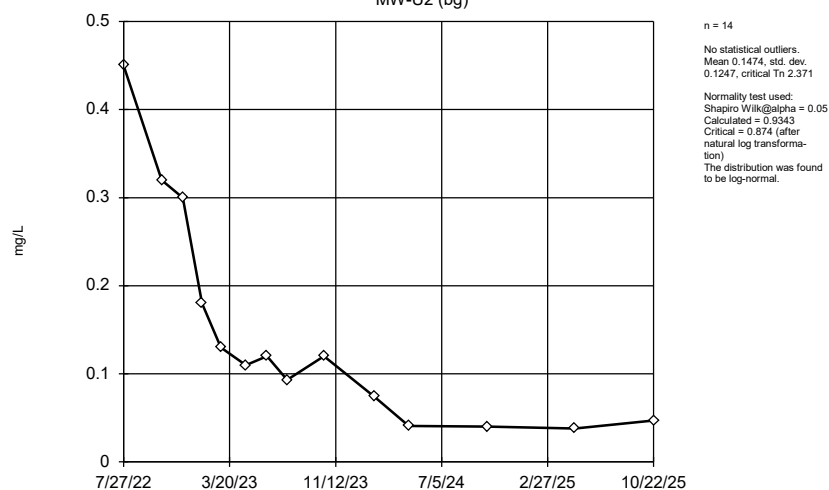
MW-D9



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

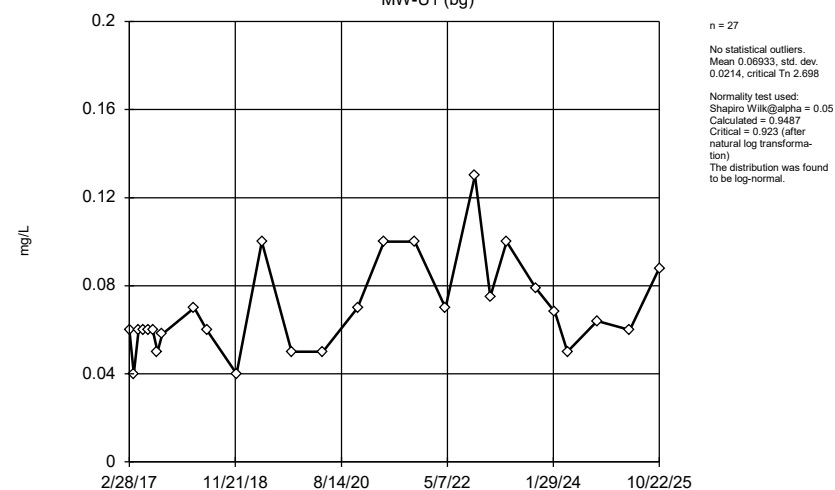
MW-U2 (bg)



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

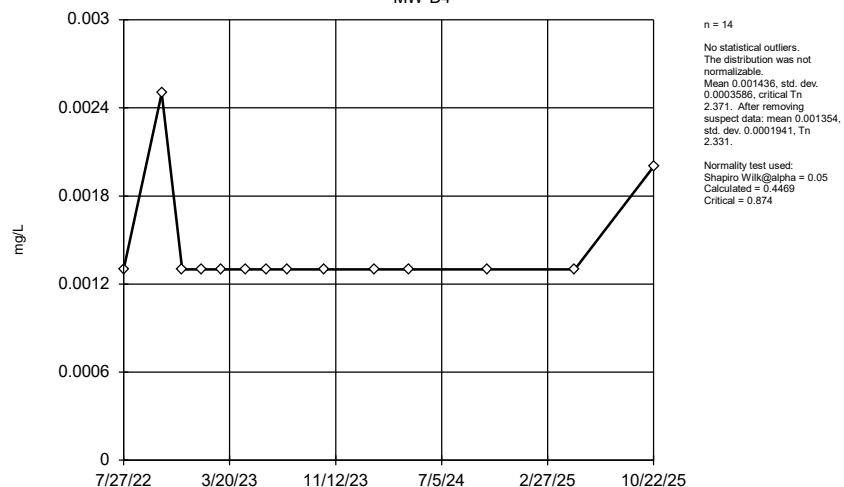
MW-U1 (bg)



Constituent: Fluoride Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

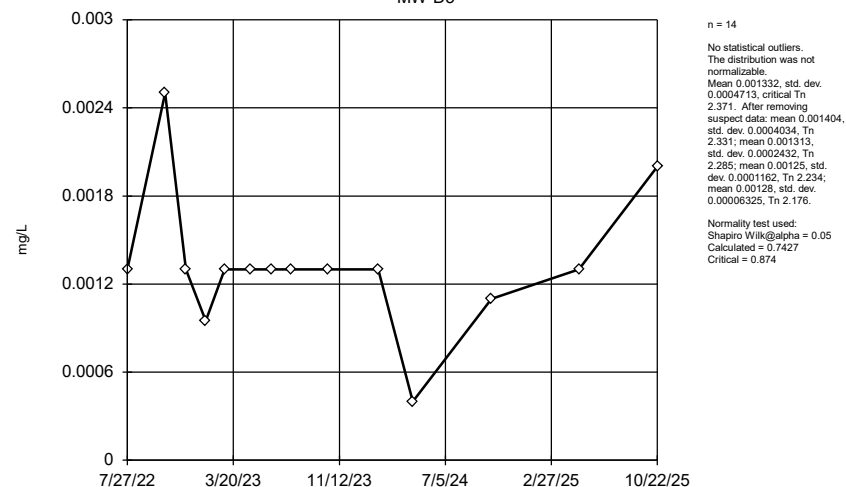
MW-D4



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

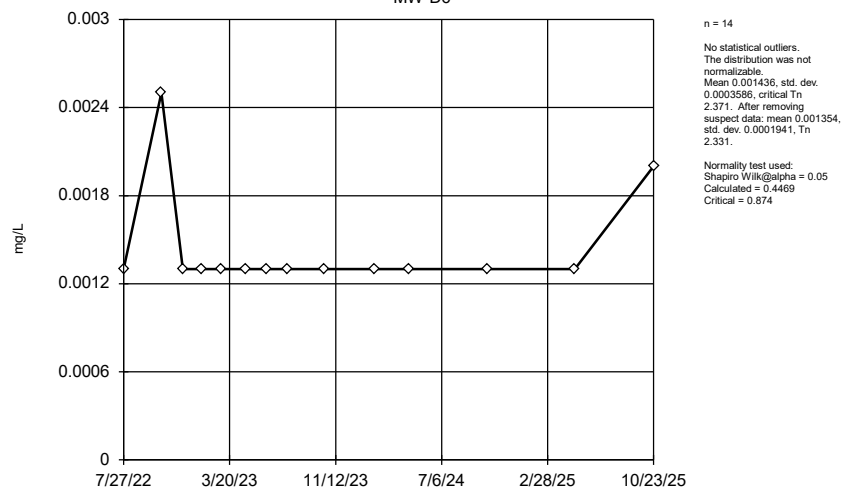
MW-D5



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

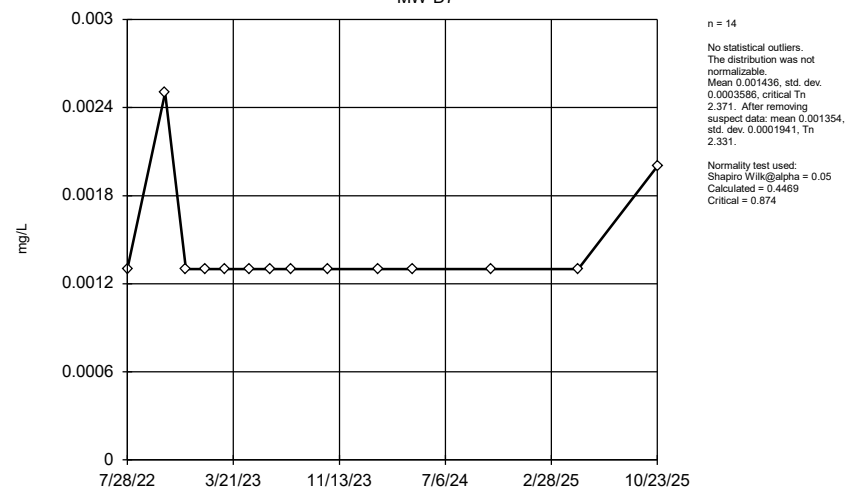
MW-D6



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

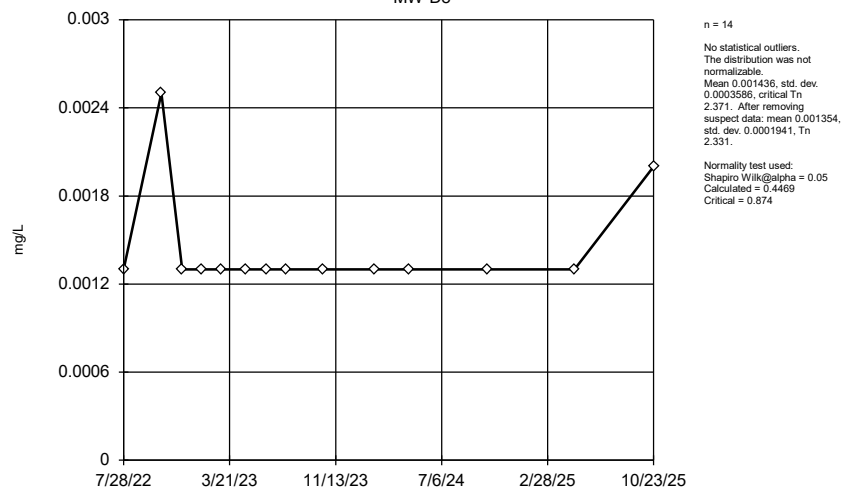
MW-D7



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

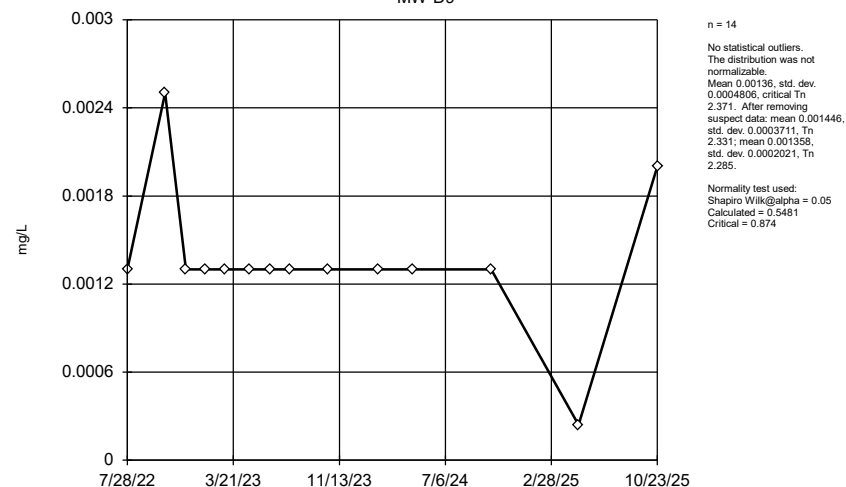
MW-D8



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

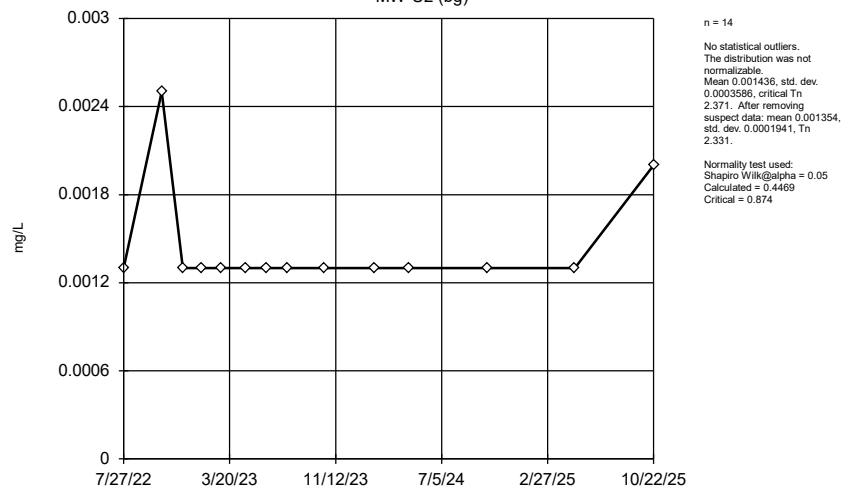
MW-D9



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

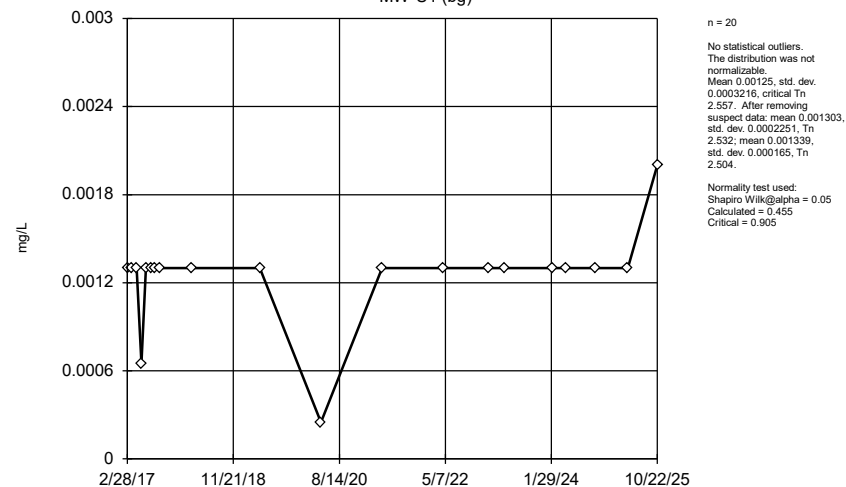
MW-U2 (bg)



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

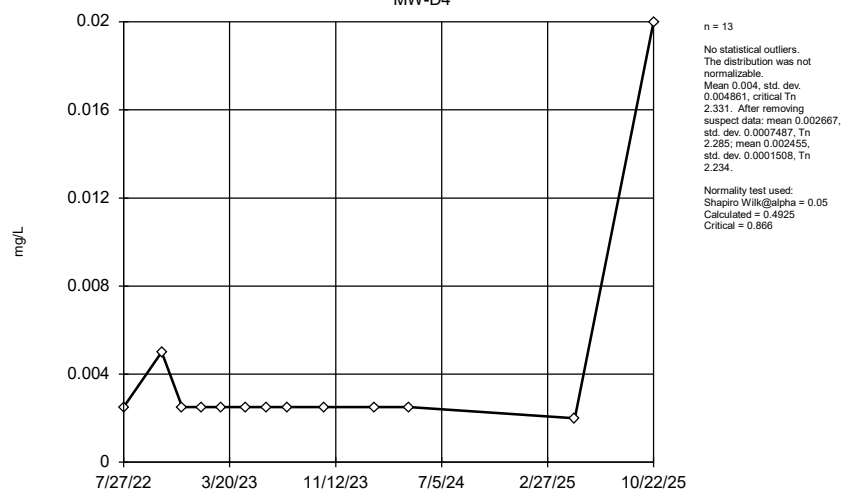
MW-U1 (bg)



Constituent: Lead Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

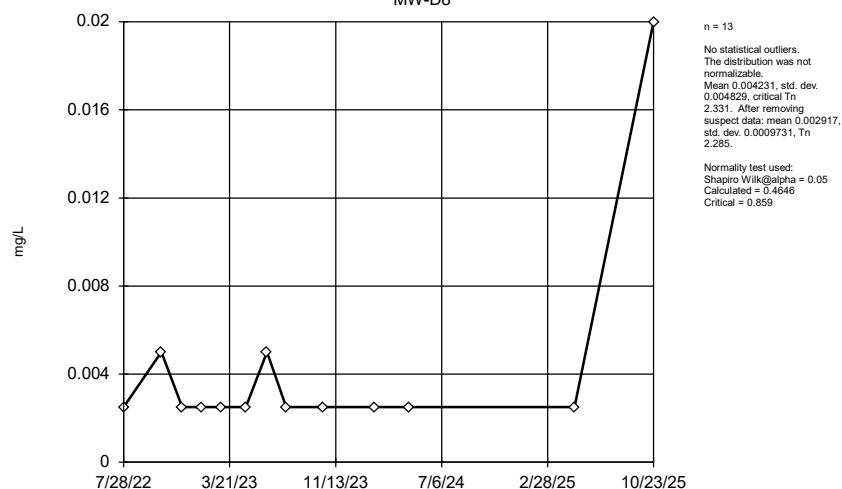
EPA 1989 Outlier Screening

MW-D4



EPA 1989 Outlier Screening

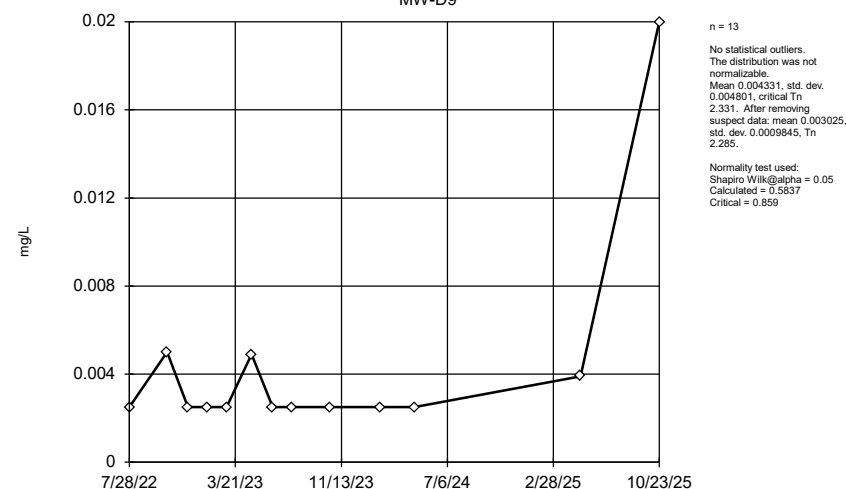
MW-D8



Constituent: Lithium Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

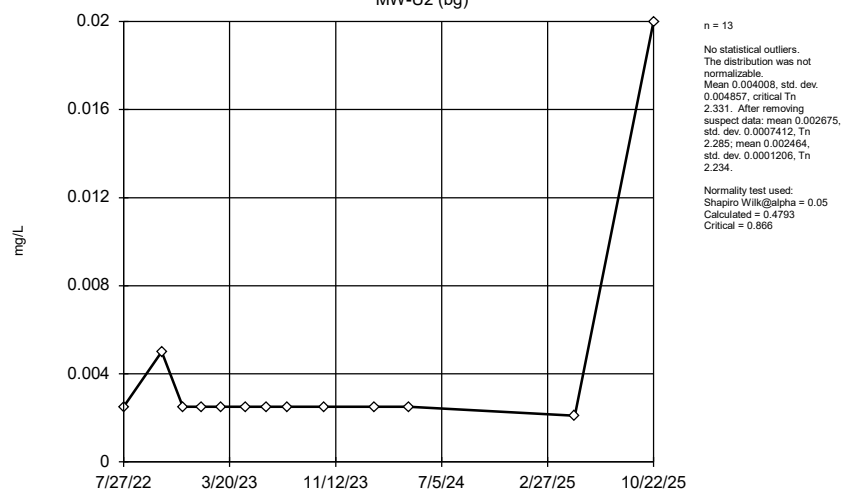
MW-D9



Constituent: Lithium Analysis Run 1/2/2026 3:07 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

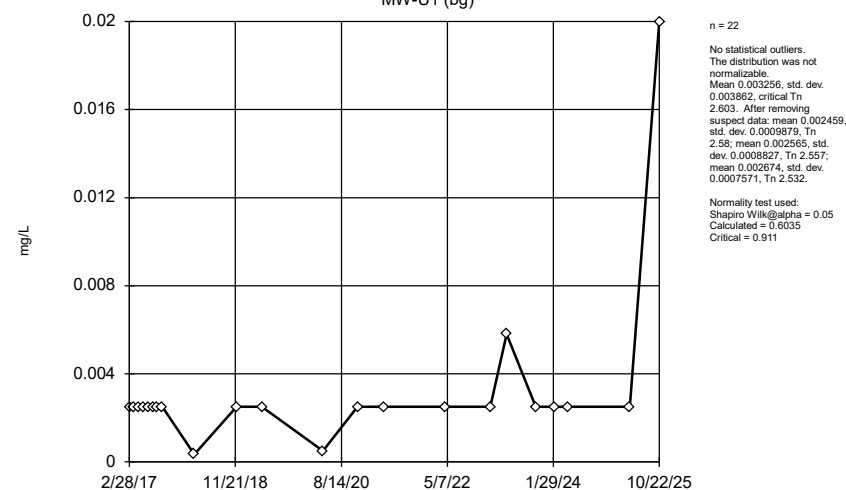
MW-U2 (bg)



Constituent: Lithium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

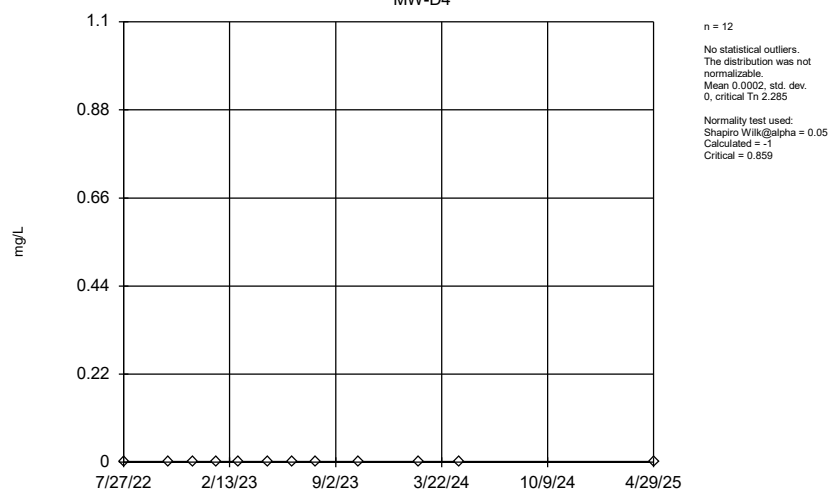
MW-U1 (bg)



Constituent: Lithium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

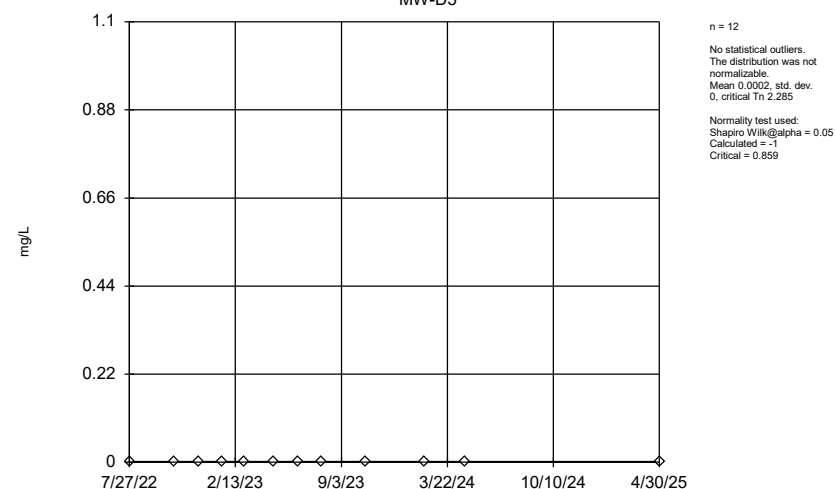
MW-D4



Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

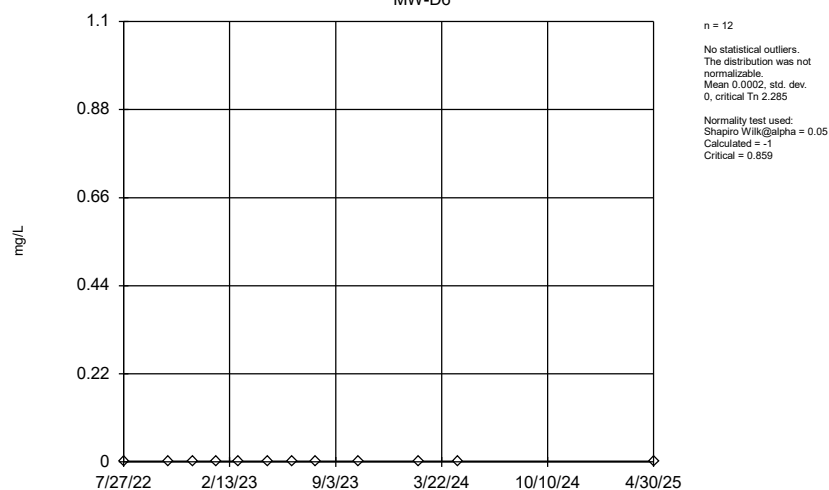
MW-D5



Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

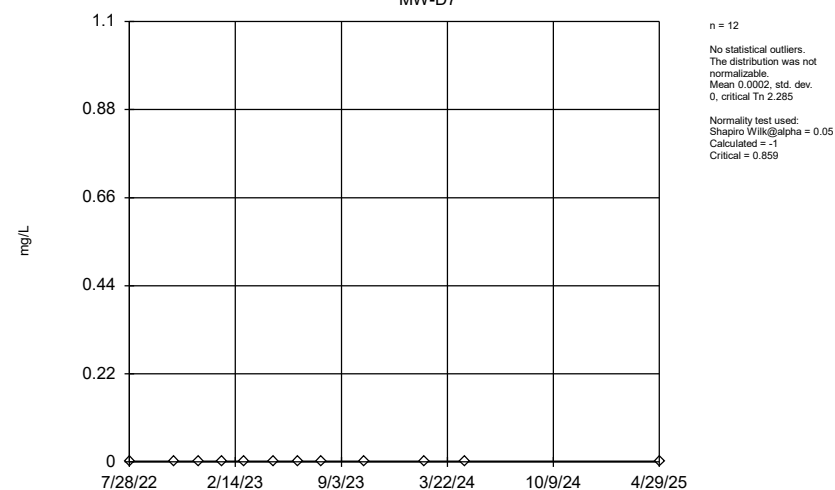
MW-D6



Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

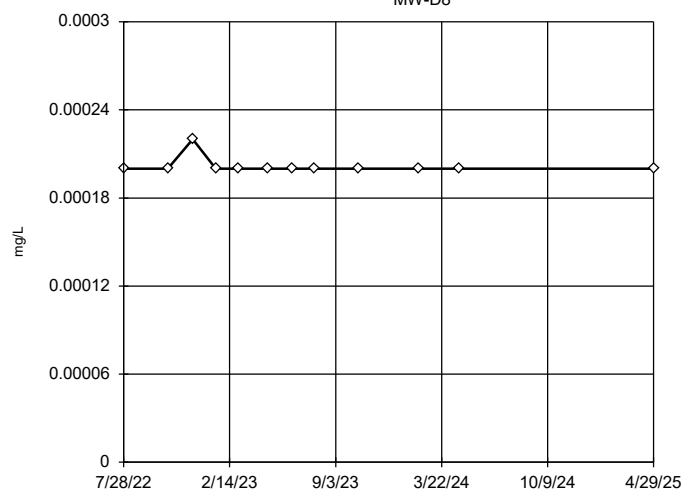
MW-D7



Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D8

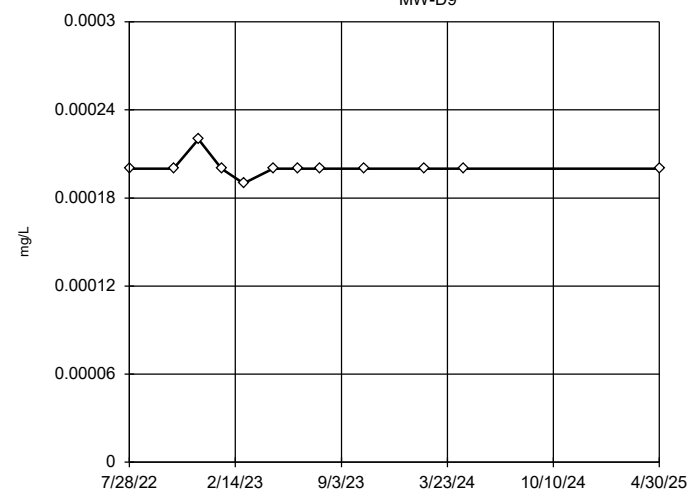


n = 12
No statistical outliers.
The distribution was not normalizable.
Mean 0.0002017, std. dev. 0.000005774, critical Tn 2.285
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9

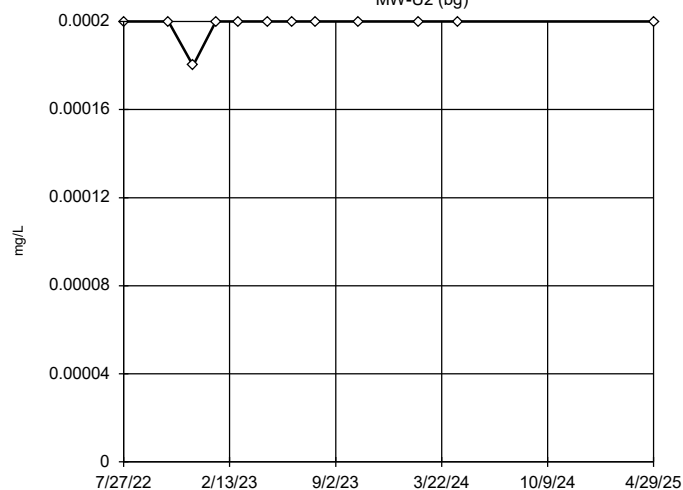


n = 12
No statistical outliers.
The distribution was not normalizable.
Mean 0.0002008, std. dev. 0.000006686, critical Tn 2.285. After removing suspect data: mean 0.0001991, std. dev. 0.000003015, Tn 2.234.
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.5576
Critical = 0.859

Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U2 (bg)

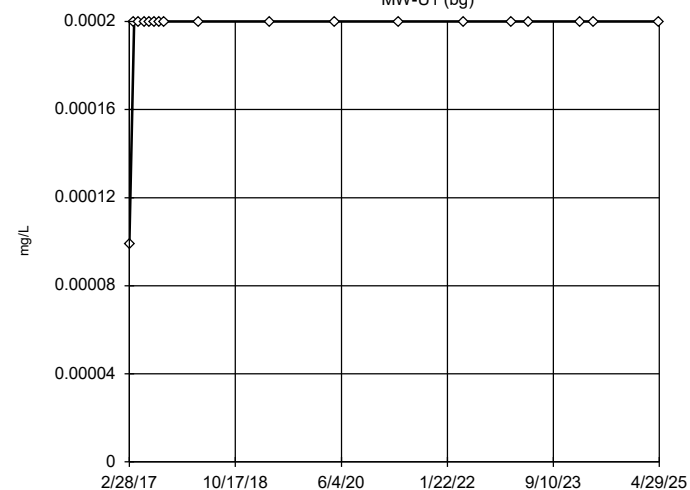


n = 12
No statistical outliers.
The distribution was not normalizable.
Mean 0.0001983, std. dev. 0.000005774, critical Tn 2.285
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.327
Critical = 0.859

Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U1 (bg)

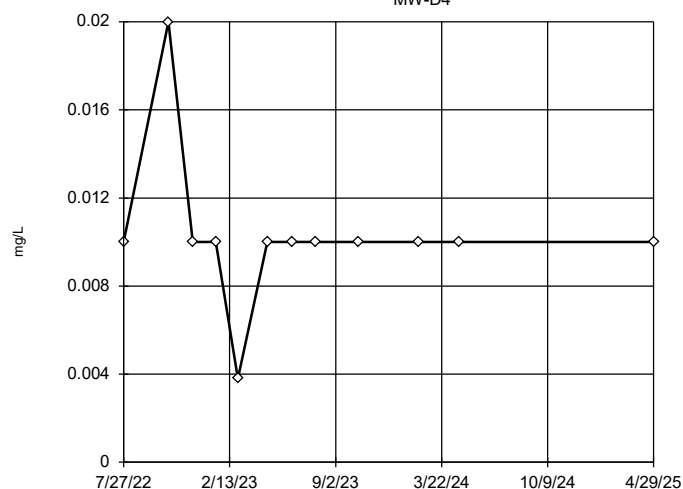


n = 18
No statistical outliers.
The distribution was not normalizable.
Mean 0.0001944, std. dev. 0.00002381, critical Tn 2.504
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.2528
Critical = 0.897

Constituent: Mercury Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D4



n = 12

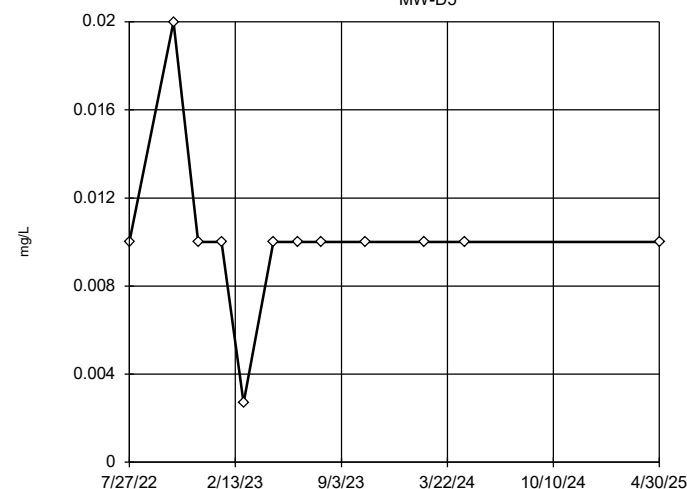
No statistical outliers.
The distribution was not
normalizable.
Mean 0.01032, std. dev.
0.003532, critical Tn
2.285. After removing
suspect data: mean 0.01091,
std. dev. 0.003015, Tn
2.234.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.5862
Critical = 0.859

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D5



n = 12

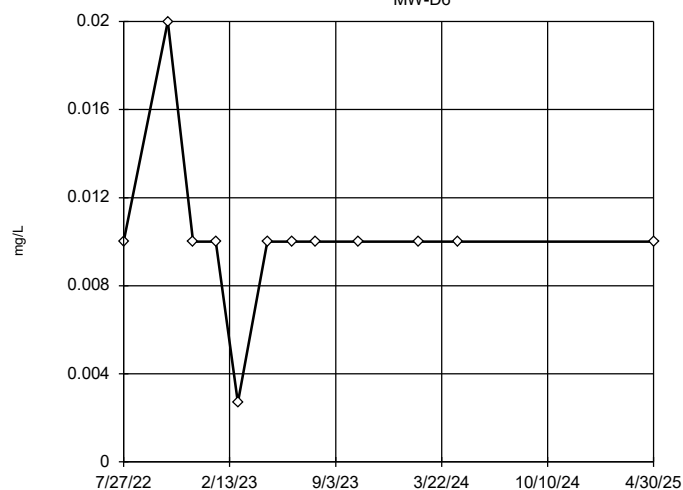
No statistical outliers.
The distribution was not
normalizable.
Mean 0.01022, std. dev.
0.003726, critical Tn
2.285. After removing
suspect data: mean 0.01091,
std. dev. 0.003015, Tn
2.234.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.5557
Critical = 0.859

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D6



n = 12

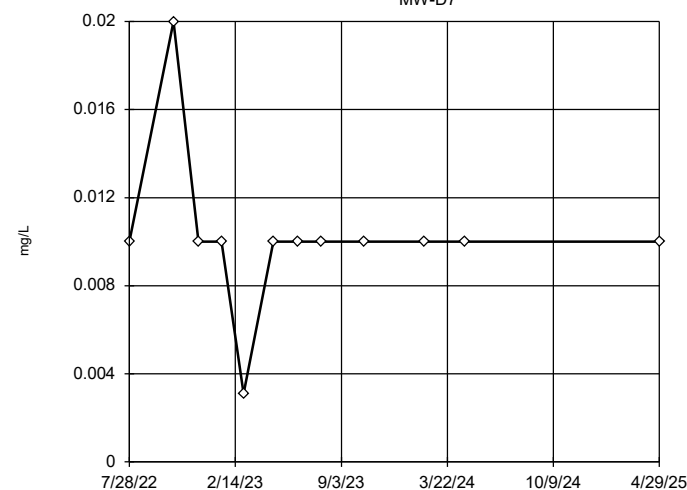
No statistical outliers.
The distribution was not
normalizable.
Mean 0.01022, std. dev.
0.003726, critical Tn
2.285. After removing
suspect data: mean 0.01091,
std. dev. 0.003015, Tn
2.234.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.5557
Critical = 0.859

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7



n = 12

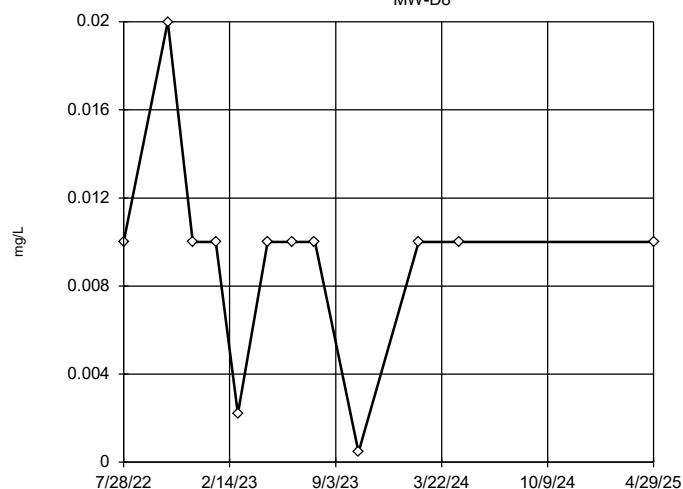
No statistical outliers.
The distribution was not
normalizable.
Mean 0.01026, std. dev.
0.003653, critical Tn
2.285. After removing
suspect data: mean 0.01091,
std. dev. 0.003015, Tn
2.234.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.5684
Critical = 0.859

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D8



n = 12

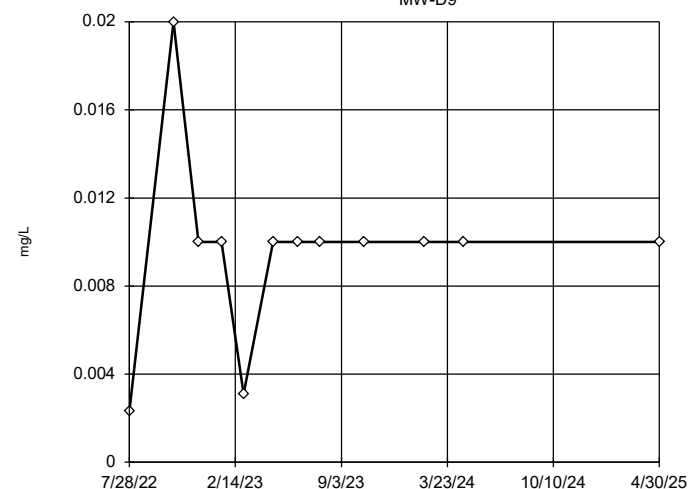
No statistical outliers.
The distribution was not normalizable.
Mean 0.009388, std. dev. 0.004742, critical Tn 2.285. After removing suspect data: mean 0.0102, std. dev. 0.004005, Tn 2.234; mean 0.011, std. dev. 0.003162, Tn 2.176.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.6006
Critical = 0.859

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9



n = 12

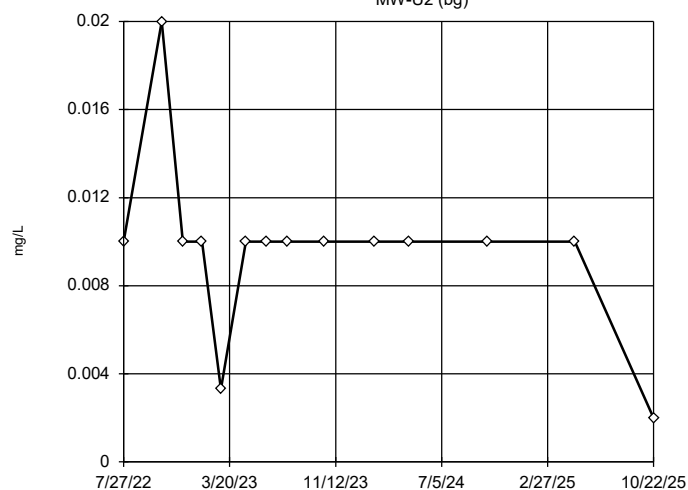
No statistical outliers.
The distribution was not normalizable.
Mean 0.009617, std. dev. 0.004318, critical Tn 2.285

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.67
Critical = 0.859

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U2 (bg)



n = 14

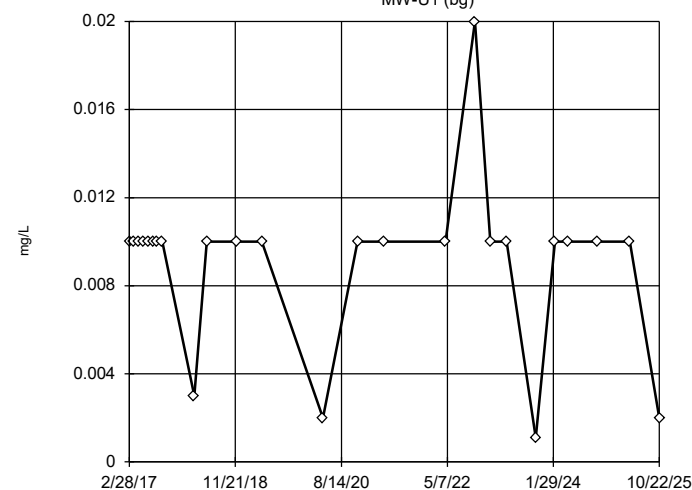
No statistical outliers.
The distribution was not normalizable.
Mean 0.009664, std. dev. 0.003993, critical Tn 2.371. After removing suspect data: mean 0.01025, std. dev. 0.003465, Tn 2.331; mean 0.01083, std. dev. 0.002887, Tn 2.285.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.6206
Critical = 0.874

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U1 (bg)



n = 25

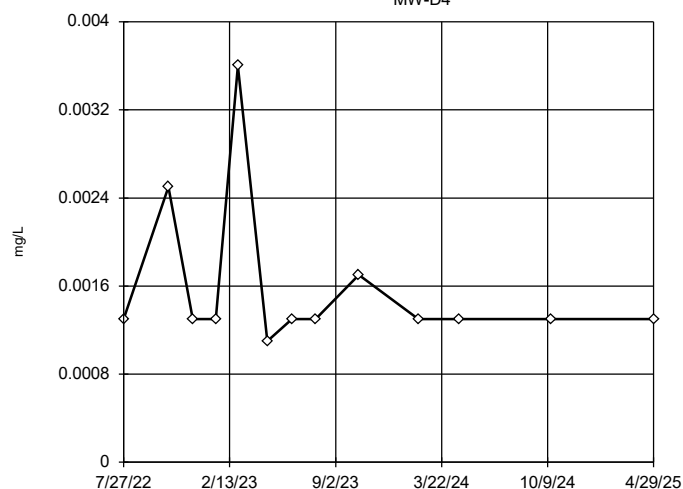
No statistical outliers.
The distribution was not normalizable.
Mean 0.009124, std. dev. 0.003747, critical Tn 2.663. After removing suspect data: mean 0.009458, std. dev. 0.003426, Tn 2.644; mean 0.01014, std. dev. 0.00286, Tn 2.603; mean 0.01048, std. dev. 0.002182, Tn 2.58.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.5689
Critical = 0.918

Constituent: Molybdenum Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D4

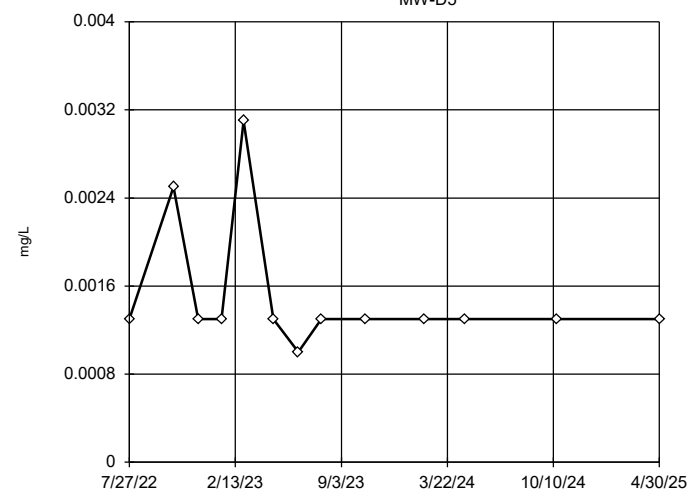


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.001585, std. dev. 0.0006999, critical Tn 2.331. After removing suspect data: mean 0.001417, std. dev. 0.0003664, Tn 2.285; mean 0.001315, std. dev. 0.0001401, Tn 2.234; mean 0.00128, std. dev. 0.00006325, Tn 2.176.
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.6363
Critical = 0.866

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D5

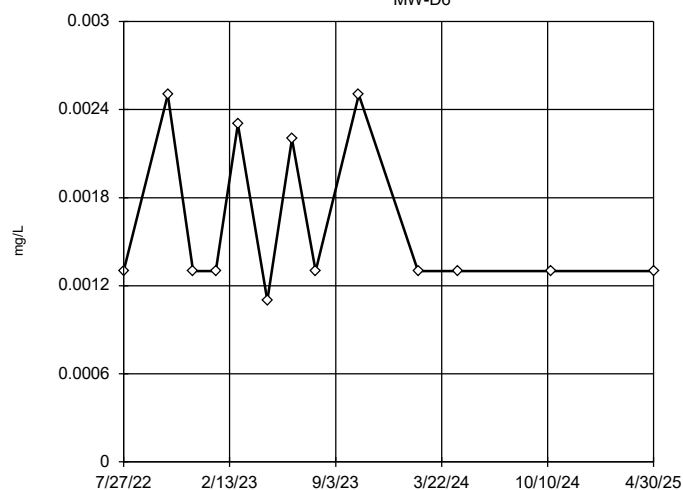


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.001508, std. dev. 0.0005923, critical Tn 2.331. After removing suspect data: mean 0.001375, std. dev. 0.0003646, Tn 2.285; mean 0.001273, std. dev. 0.00009045, Tn 2.234.
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.6008
Critical = 0.866

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D6

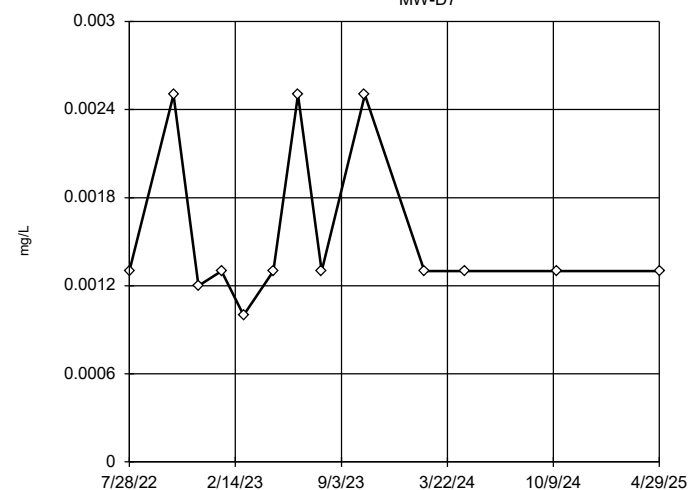


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.001615, std. dev. 0.0005352, critical Tn 2.331.
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.7115
Critical = 0.866

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7

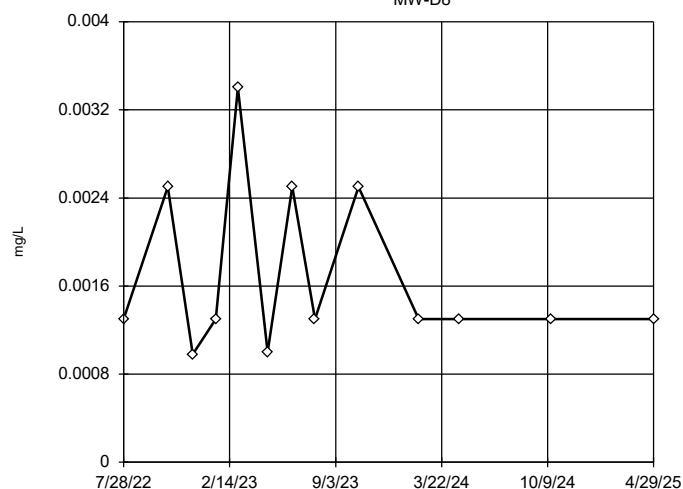


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.001546, std. dev. 0.0005502, critical Tn 2.331.
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.6893
Critical = 0.866

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D8

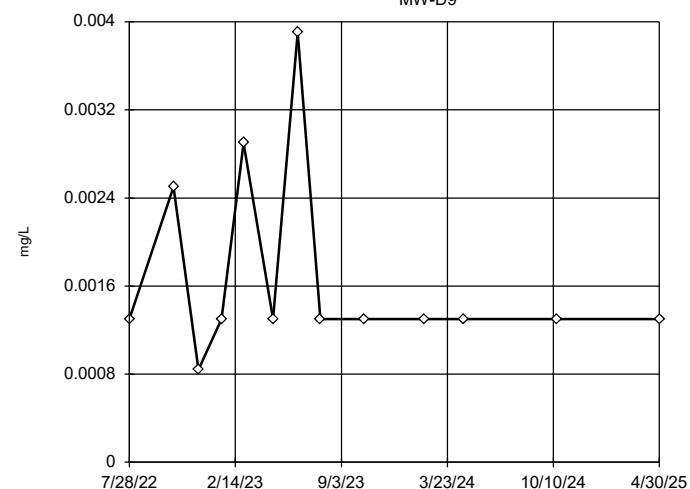


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.001691, std. dev. 0.0007603, critical Tn 2.331
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.8014
Critical = 0.866

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9

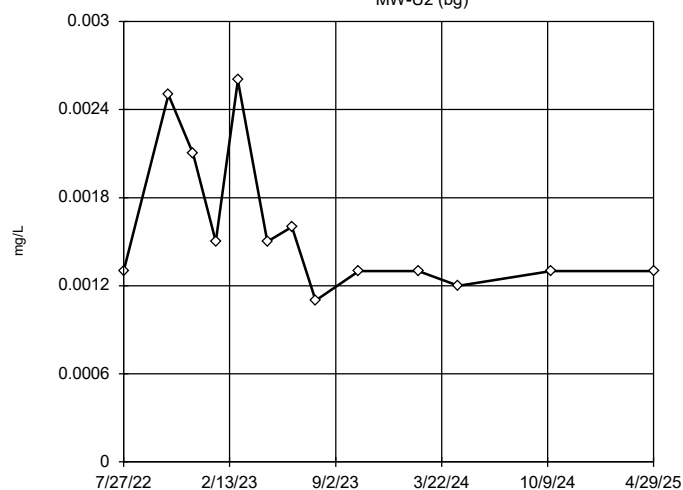


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.00168, std. dev. 0.0008706, critical Tn 2.331
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.7325
Critical = 0.866

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U2 (bg)

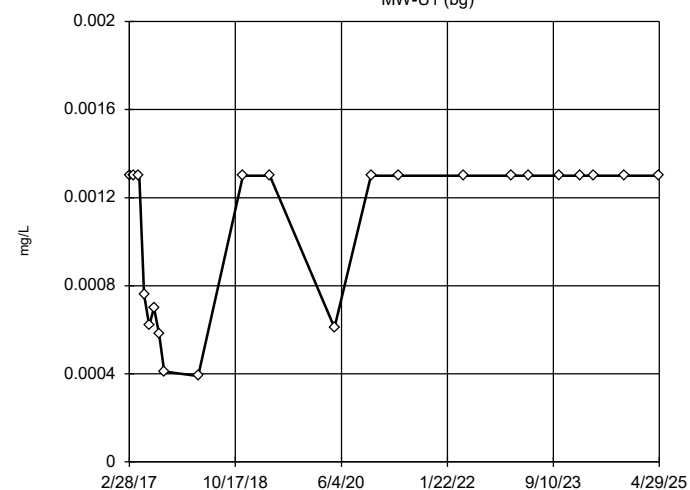


n = 13
No statistical outliers.
The distribution was not normalizable.
Mean 0.001585, std. dev. 0.0004947, critical Tn 2.331
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.8357
Critical = 0.866

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U1 (bg)

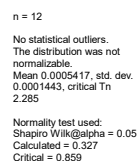


n = 22
No statistical outliers.
The distribution was not normalizable.
Mean 0.001071, std. dev. 0.0003504, critical Tn 2.603
Normality test used: Shapiro Wilk@alpha = 0.05
Calculated = 0.6663
Critical = 0.911

Constituent: Selenium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D5



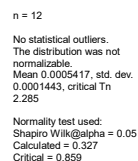
The graph displays the concentration of MW-DS in mg/L over a period of nearly three years. The y-axis ranges from 0 to 0.0011 mg/L with major grid lines every 0.0002 mg/L. The x-axis shows dates from 7/27/22 to 4/30/25. A horizontal purple line is positioned at 0.00044 mg/L. The data points, marked with diamonds, show a sharp increase from the baseline to a peak of approximately 0.00095 mg/L in late 2022, followed by a rapid decline and subsequent stabilization at the baseline level from early 2023 onwards.

Date	MW-DS Concentration (mg/L)
7/27/22	0.00045
~10/2022	0.00095
~12/2022	0.00045
2/13/23	0.00045
~4/2023	0.00045
~6/2023	0.00045
9/3/23	0.00045
~11/2023	0.00045
3/22/24	0.00045
~5/2024	0.00045
10/10/24	0.00045
4/30/25	0.00045

Constituent: Thallium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D7



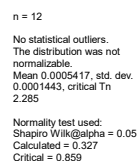
The graph displays the concentration of MW-L7 (mg/L) over time. The y-axis ranges from 0 to 0.0011 mg/L with major grid lines every 0.0002 mg/L. The x-axis shows dates from 7/28/22 to 4/29/25. The data points are connected by a solid black line, and each point is marked with a diamond symbol. The concentration starts at approximately 0.00045 mg/L on 7/28/22, rises sharply to a peak of about 0.00095 mg/L on 1/15/23, and then drops to approximately 0.00045 mg/L by 2/14/23, where it remains stable through the final data point on 4/29/25.

Date	Concentration (mg/L)
7/28/22	0.00045
1/15/23	0.00095
2/14/23	0.00045
3/14/23	0.00045
4/14/23	0.00045
5/14/23	0.00045
6/14/23	0.00045
7/14/23	0.00045
8/14/23	0.00045
9/14/23	0.00045
10/14/23	0.00045
11/14/23	0.00045
12/14/23	0.00045
1/14/24	0.00045
2/14/24	0.00045
3/14/24	0.00045
4/14/24	0.00045
5/14/24	0.00045
6/14/24	0.00045
7/14/24	0.00045
8/14/24	0.00045
9/14/24	0.00045
10/14/24	0.00045
11/14/24	0.00045
12/14/24	0.00045
1/14/25	0.00045
2/14/25	0.00045
3/14/25	0.00045
4/14/25	0.00045
5/14/25	0.00045
6/14/25	0.00045
7/14/25	0.00045
8/14/25	0.00045
9/14/25	0.00045
10/14/25	0.00045
11/14/25	0.00045
12/14/25	0.00045
1/14/26	0.00045
2/14/26	0.00045
3/14/26	0.00045
4/14/26	0.00045
5/14/26	0.00045
6/14/26	0.00045
7/14/26	0.00045
8/14/26	0.00045
9/14/26	0.00045
10/14/26	0.00045
11/14/26	0.00045
12/14/26	0.00045
1/14/27	0.00045
2/14/27	0.00045
3/14/27	0.00045
4/14/27	0.00045
5/14/27	0.00045
6/14/27	0.00045
7/14/27	0.00045
8/14/27	0.00045
9/14/27	0.00045
10/14/27	0.00045
11/14/27	0.00045
12/14/27	0.00045
1/14/28	0.00045
2/14/28	0.00045
3/14/28	0.00045
4/14/28	0.00045
5/14/28	0.00045
6/14/28	0.00045
7/14/28	0.00045
8/14/28	0.00045
9/14/28	0.00045
10/14/28	0.00045
11/14/28	0.00045
12/14/28	0.00045
1/14/29	0.00045
2/14/29	0.00045
3/14/29	0.00045
4/14/29	0.00045
5/14/29	0.00045
6/14/29	0.00045
7/14/29	0.00045
8/14/29	0.00045
9/14/29	0.00045
10/14/29	0.00045
11/14/29	0.00045
12/14/29	0.00045
1/14/30	0.00045
2/14/30	0.00045
3/14/30	0.00045
4/14/30	0.00045
5/14/30	0.00045
6/14/30	0.00045
7/14/30	0.00045
8/14/30	0.00045
9/14/30	0.00045
10/14/30	0.00045
11/14/30	0.00045
12/14/30	0.00045
1/14/31	0.00045
2/14/31	0.00045
3/14/31	0.00045
4/14/31	0.00045
5/14/31	0.00045
6/14/31	0.00045
7/14/31	0.00045
8/14/31	0.00045
9/14/31	0.00045
10/14/31	0.00045
11/14/31	0.00045
12/14/31	0.00045
1/14/32	0.00045
2/14/32	0.00045
3/14/32	0.00045
4/14/32	0.00045
5/14/32	

Constituent: Thallium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-D9



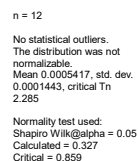
The graph displays the concentration of MW-DS in mg/L over a period of nearly three years. The y-axis ranges from 0 to 0.0011 mg/L with major grid lines every 0.0002 mg/L. The x-axis shows dates from 7/28/22 to 4/30/25. A horizontal purple line is positioned at 0.00044 mg/L. The data points, marked with diamonds, show a sharp increase from the initial value to a peak of approximately 0.00095 mg/L in early 2023, followed by a rapid decline and stabilization at the initial level by mid-2023.

Date	MW-DS Concentration (mg/L)
7/28/22	0.00045
1/15/23	0.00095
2/14/23	0.00045
3/14/23	0.00045
4/14/23	0.00045
5/14/23	0.00045
6/14/23	0.00045
7/14/23	0.00045
8/14/23	0.00045
9/3/23	0.00045
10/3/23	0.00045
11/3/23	0.00045
12/3/23	0.00045
1/3/24	0.00045
2/3/24	0.00045
3/3/24	0.00045
4/3/24	0.00045
5/3/24	0.00045
6/3/24	0.00045
7/3/24	0.00045
8/3/24	0.00045
9/3/24	0.00045
10/3/24	0.00045
11/3/24	0.00045
12/3/24	0.00045
1/3/25	0.00045
2/3/25	0.00045
3/3/25	0.00045
4/3/25	0.00045

Constituent: Thallium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

EPA 1989 Outlier Screening

MW-U1 (bg)



The graph displays the concentration of MW-C1 (ug) in mg/L over a period of nearly eight years. The y-axis ranges from 0 to 0.0006 mg/L with major gridlines every 0.00012 mg/L. The x-axis shows dates from 2/28/17 to 4/29/25. The data points, marked with diamonds, show a stable concentration of approximately 0.00049 mg/L from 2/28/17 to 6/4/20. On 6/4/20, the concentration drops sharply to a minimum of about 0.00011 mg/L. By 6/20/20, it returns to the baseline level of approximately 0.00049 mg/L and remains stable through 4/29/25.

Date	MW-C1 (ug) (mg/L)
2/28/17	0.00049
3/14/17	0.00049
3/21/17	0.00049
3/28/17	0.00049
4/4/17	0.00049
4/11/17	0.00049
4/18/17	0.00049
5/2/17	0.00049
5/9/17	0.00049
5/16/17	0.00049
5/23/17	0.00049
5/30/17	0.00049
6/6/17	0.00049
6/13/17	0.00049
6/20/17	0.00049
6/27/17	0.00049
7/4/17	0.00049
7/11/17	0.00049
7/18/17	0.00049
7/25/17	0.00049
8/1/17	0.00049
8/8/17	0.00049
8/15/17	0.00049
8/22/17	0.00049
8/29/17	0.00049
9/5/17	0.00049
9/12/17	0.00049
9/19/17	0.00049
9/26/17	0.00049
10/3/17	0.00049
10/10/17	0.00049
10/17/17	0.00049
10/24/17	0.00049
10/31/17	0.00049
11/7/17	0.00049
11/14/17	0.00049
11/21/17	0.00049
11/28/17	0.00049
12/5/17	0.00049
12/12/17	0.00049
12/19/17	0.00049
12/26/17	0.00049
1/2/18	0.00049
1/9/18	0.00049
1/16/18	0.00049
1/23/18	0.00049
1/30/18	0.00049
2/6/18	0.00049
2/13/18	0.00049
2/20/18	0.00049
2/27/18	0.00049
3/5/18	0.00049
3/12/18	0.00049
3/19/18	0.00049
3/26/18	0.00049
4/2/18	0.00049
4/9/18	0.00049
4/16/18	0.00049
4/23/18	0.00049
4/30/18	0.00049
5/7/18	0.00049
5/14/18	0.00049
5/21/18	0.00049
5/28/18	0.00049
6/4/18	0.00049
6/11/18	0.00049
6/18/18	0.00049
6/25/18	0.00049
7/2/18	0.00049
7/9/18	0.00049
7/16/18	0.00049
7/23/18	0.00049
7/30/18	0.00049
8/6/18	0.00049
8/13/18	0.00049
8/20/18	0.00049
8/27/18	0.00049
9/3/18	0.00049
9/10/18	0.00049
9/17/18	0.00049
9/24/18	0.00049
10/1/18	0.00049
10/8/18	0.00049
10/15/18	0.00049
10/22/18	0.00049
10/29/18	0.00049
11/5/18	0.00049
11/12/18	0.00049
11/19/18	0.00049
11/26/18	0.00049
12/3/18	0.00049
12/10/18	0.00049
12/17/18	0.00049
12/24/18	0.00049
12/31/18	0.00049
1/7/19	0.00049
1/14/19	0.00049
1/21/19	0.00049
1/28/19	0.00049
2/4/19	0.00049
2/11/19	0.00049
2/18/19	0.00049
2/25/19	0.00049
3/4/19	0.00049
3/11/19	0.00049
3/18/19	0.00049
3/25/19	0.00049
4/1/19	0.00049
4/8/19	0.00049
4/15/19	0.00049
4/22/19	0.00049
4/29/19	0.00049
5/6/19	0.00049
5/13/19	0.00049

Constituent: Thallium Analysis Run 1/2/2026 3:08 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tolerance Limit

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 1/2/2026, 3:12 PM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Antimony (mg/L)	MW-D4	0.0025	4/29/2025	<0.0025	No	32	100	n/a	0.03525	NP Inter(NDs)
Antimony (mg/L)	MW-D5	0.0025	4/30/2025	<0.0025	No	32	100	n/a	0.03525	NP Inter(NDs)
Antimony (mg/L)	MW-D6	0.0025	4/30/2025	<0.0025	No	32	100	n/a	0.03525	NP Inter(NDs)
Antimony (mg/L)	MW-D7	0.0025	4/29/2025	<0.0025	No	32	100	n/a	0.03525	NP Inter(NDs)
Antimony (mg/L)	MW-D8	0.0025	4/29/2025	<0.0025	No	32	100	n/a	0.03525	NP Inter(NDs)
Antimony (mg/L)	MW-D9	0.0025	4/30/2025	<0.0025	No	32	100	n/a	0.03525	NP Inter(NDs)
Arsenic (mg/L)	MW-D4	0.0025	4/29/2025	<0.0013	No	38	89.47	n/a	0.02528	NP Inter(NDs)
Arsenic (mg/L)	MW-D5	0.0025	4/30/2025	<0.0013	No	38	89.47	n/a	0.02528	NP Inter(NDs)
Arsenic (mg/L)	MW-D6	0.0025	4/30/2025	<0.0013	No	38	89.47	n/a	0.02528	NP Inter(NDs)
Arsenic (mg/L)	MW-D7	0.0025	4/29/2025	<0.0013	No	38	89.47	n/a	0.02528	NP Inter(NDs)
Arsenic (mg/L)	MW-D8	0.0025	4/29/2025	<0.0013	No	38	89.47	n/a	0.02528	NP Inter(NDs)
Arsenic (mg/L)	MW-D9	0.0025	4/30/2025	<0.0013	No	38	89.47	n/a	0.02528	NP Inter(NDs)
Barium (mg/L)	MW-D4	0.043	10/22/2025	0.015	No	41	0	n/a	0.02147	NP Inter(normal...
Barium (mg/L)	MW-D5	0.043	10/22/2025	0.03	No	41	0	n/a	0.02147	NP Inter(normal...
Barium (mg/L)	MW-D6	0.043	10/23/2025	0.0097	No	41	0	n/a	0.02147	NP Inter(normal...
Barium (mg/L)	MW-D7	0.043	10/23/2025	0.06	Yes	41	0	n/a	0.02147	NP Inter(normal...
Barium (mg/L)	MW-D8	0.043	10/23/2025	0.051	Yes	41	0	n/a	0.02147	NP Inter(normal...
Barium (mg/L)	MW-D9	0.043	10/23/2025	0.034	No	41	0	n/a	0.02147	NP Inter(normal...
Beryllium (mg/L)	MW-D4	0.002	4/29/2025	<0.002	No	30	100	n/a	0.03947	NP Inter(NDs)
Beryllium (mg/L)	MW-D5	0.002	4/30/2025	<0.002	No	30	100	n/a	0.03947	NP Inter(NDs)
Beryllium (mg/L)	MW-D6	0.002	4/30/2025	<0.002	No	30	100	n/a	0.03947	NP Inter(NDs)
Beryllium (mg/L)	MW-D7	0.002	4/29/2025	<0.002	No	30	100	n/a	0.03947	NP Inter(NDs)
Beryllium (mg/L)	MW-D8	0.002	4/29/2025	<0.002	No	30	100	n/a	0.03947	NP Inter(NDs)
Beryllium (mg/L)	MW-D9	0.002	4/30/2025	<0.002	No	30	100	n/a	0.03947	NP Inter(NDs)
Cadmium (mg/L)	MW-D4	0.0025	4/29/2025	<0.001	No	33	96.97	n/a	0.03333	NP Inter(NDs)
Cadmium (mg/L)	MW-D5	0.0025	4/30/2025	<0.001	No	33	96.97	n/a	0.03333	NP Inter(NDs)
Cadmium (mg/L)	MW-D6	0.0025	4/30/2025	<0.001	No	33	96.97	n/a	0.03333	NP Inter(NDs)
Cadmium (mg/L)	MW-D7	0.0025	4/29/2025	<0.001	No	33	96.97	n/a	0.03333	NP Inter(NDs)
Cadmium (mg/L)	MW-D8	0.0025	4/29/2025	<0.001	No	33	96.97	n/a	0.03333	NP Inter(NDs)
Cadmium (mg/L)	MW-D9	0.0025	4/30/2025	<0.001	No	33	96.97	n/a	0.03333	NP Inter(NDs)
Chromium (mg/L)	MW-D4	0.0063	10/22/2025	0.0011	No	38	28.95	n/a	0.02528	NP Inter(normal...
Chromium (mg/L)	MW-D5	0.0063	10/22/2025	0.00083	No	38	28.95	n/a	0.02528	NP Inter(normal...
Chromium (mg/L)	MW-D6	0.0063	10/23/2025	0.0022	No	38	28.95	n/a	0.02528	NP Inter(normal...
Chromium (mg/L)	MW-D7	0.0063	10/23/2025	<0.002	No	38	28.95	n/a	0.02528	NP Inter(normal...
Chromium (mg/L)	MW-D8	0.0063	10/23/2025	<0.002	No	38	28.95	n/a	0.02528	NP Inter(normal...
Chromium (mg/L)	MW-D9	0.0063	10/23/2025	<0.002	No	38	28.95	n/a	0.02528	NP Inter(normal...
Cobalt (mg/L)	MW-D4	0.005	10/22/2025	<0.002	No	39	92.31	n/a	0.02393	NP Inter(NDs)
Cobalt (mg/L)	MW-D5	0.005	10/22/2025	<0.002	No	39	92.31	n/a	0.02393	NP Inter(NDs)
Cobalt (mg/L)	MW-D6	0.005	10/23/2025	0.00021	No	39	92.31	n/a	0.02393	NP Inter(NDs)
Cobalt (mg/L)	MW-D7	0.005	10/23/2025	0.00023	No	39	92.31	n/a	0.02393	NP Inter(NDs)
Cobalt (mg/L)	MW-D8	0.005	10/23/2025	0.00027	No	39	92.31	n/a	0.02393	NP Inter(NDs)
Cobalt (mg/L)	MW-D9	0.005	10/23/2025	0.00012	No	39	92.31	n/a	0.02393	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	MW-D4	1.189	10/22/2025	<0.815	No	41	14.63	No	0.008512	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D5	1.189	10/22/2025	<0.77	No	41	14.63	No	0.008512	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D6	1.189	10/23/2025	<0.688	No	41	14.63	No	0.008512	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D7	1.189	10/23/2025	<0.871	No	41	14.63	No	0.008512	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D8	1.189	10/23/2025	<0.839	No	41	14.63	No	0.008512	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D9	1.189	10/23/2025	<0.687	No	41	14.63	No	0.008512	Inter
Fluoride (mg/L)	MW-D4	0.45	10/22/2025	0.13	No	41	7.317	n/a	0.02147	NP Inter(normal...
Fluoride (mg/L)	MW-D5	0.45	10/22/2025	0.033	No	41	7.317	n/a	0.02147	NP Inter(normal...

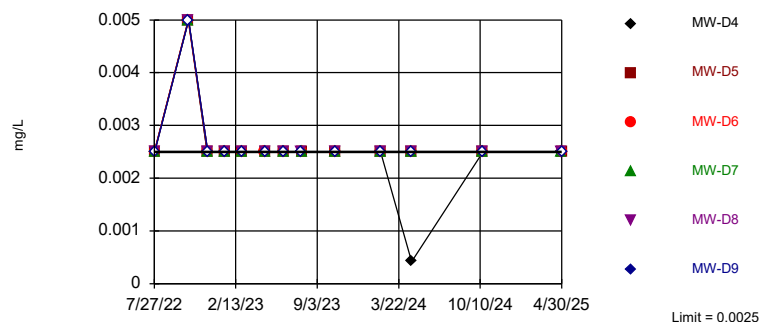
Tolerance Limit

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 1/2/2026, 3:12 PM

<u>Constituent</u>	<u>Well</u>	<u>Upper Lim.</u>	<u>Date</u>	<u>Observ.</u>	<u>Sig.</u>	<u>Bg N</u>	<u>%NDs</u>	<u>Transform</u>	<u>Alpha</u>	<u>Method</u>
Fluoride (mg/L)	MW-D6	0.45	10/23/2025	0.1	No	41	7.317	n/a	0.02147	NP Inter(normal...
Fluoride (mg/L)	MW-D7	0.45	10/23/2025	0.078	No	41	7.317	n/a	0.02147	NP Inter(normal...
Fluoride (mg/L)	MW-D8	0.45	10/23/2025	0.059	No	41	7.317	n/a	0.02147	NP Inter(normal...
Fluoride (mg/L)	MW-D9	0.45	10/23/2025	0.085	No	41	7.317	n/a	0.02147	NP Inter(normal...
Lead (mg/L)	MW-D4	0.0025	10/22/2025	<0.002 ...	No	34	97.06	n/a	0.03152	NP Inter(NDs)
Lead (mg/L)	MW-D5	0.0025	10/22/2025	<0.002 ...	No	34	97.06	n/a	0.03152	NP Inter(NDs)
Lead (mg/L)	MW-D6	0.0025	10/23/2025	<0.002 ...	No	34	97.06	n/a	0.03152	NP Inter(NDs)
Lead (mg/L)	MW-D7	0.0025	10/23/2025	<0.002 ...	No	34	97.06	n/a	0.03152	NP Inter(NDs)
Lead (mg/L)	MW-D8	0.0025	10/23/2025	<0.002 ...	No	34	97.06	n/a	0.03152	NP Inter(NDs)
Lead (mg/L)	MW-D9	0.0025	10/23/2025	<0.002 ...	No	34	97.06	n/a	0.03152	NP Inter(NDs)
Lithium (mg/L)	MW-D4	0.02	10/22/2025	<0.02	No	35	91.43	n/a	0.02982	NP Inter(NDs)
Lithium (mg/L)	MW-D5	0.02	10/22/2025	<0.02	No	35	91.43	n/a	0.02982	NP Inter(NDs)
Lithium (mg/L)	MW-D6	0.02	10/23/2025	<0.02	No	35	91.43	n/a	0.02982	NP Inter(NDs)
Lithium (mg/L)	MW-D7	0.02	10/23/2025	<0.02	No	35	91.43	n/a	0.02982	NP Inter(NDs)
Lithium (mg/L)	MW-D8	0.02	10/23/2025	<0.02	No	35	91.43	n/a	0.02982	NP Inter(NDs)
Lithium (mg/L)	MW-D9	0.02	10/23/2025	<0.02	No	35	91.43	n/a	0.02982	NP Inter(NDs)
Mercury (mg/L)	MW-D4	0.0002	4/29/2025	<0.0002...	No	30	93.33	n/a	0.03947	NP Inter(NDs)
Mercury (mg/L)	MW-D5	0.0002	4/30/2025	<0.0002...	No	30	93.33	n/a	0.03947	NP Inter(NDs)
Mercury (mg/L)	MW-D6	0.0002	4/30/2025	<0.0002...	No	30	93.33	n/a	0.03947	NP Inter(NDs)
Mercury (mg/L)	MW-D7	0.0002	4/29/2025	<0.0002...	No	30	93.33	n/a	0.03947	NP Inter(NDs)
Mercury (mg/L)	MW-D8	0.0002	4/29/2025	<0.0002...	No	30	93.33	n/a	0.03947	NP Inter(NDs)
Mercury (mg/L)	MW-D9	0.0002	4/30/2025	<0.0002...	No	30	93.33	n/a	0.03947	NP Inter(NDs)
Molybdenum (mg/L)	MW-D4	0.02	4/29/2025	<0.01	No	39	94.87	n/a	0.02393	NP Inter(NDs)
Molybdenum (mg/L)	MW-D5	0.02	4/30/2025	<0.01	No	39	94.87	n/a	0.02393	NP Inter(NDs)
Molybdenum (mg/L)	MW-D6	0.02	4/30/2025	<0.01	No	39	94.87	n/a	0.02393	NP Inter(NDs)
Molybdenum (mg/L)	MW-D7	0.02	4/29/2025	<0.01	No	39	94.87	n/a	0.02393	NP Inter(NDs)
Molybdenum (mg/L)	MW-D8	0.02	4/29/2025	<0.01	No	39	94.87	n/a	0.02393	NP Inter(NDs)
Molybdenum (mg/L)	MW-D9	0.02	4/30/2025	<0.01	No	39	94.87	n/a	0.02393	NP Inter(NDs)
Selenium (mg/L)	MW-D4	0.0026	4/29/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(NDs)
Selenium (mg/L)	MW-D5	0.0026	4/30/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(NDs)
Selenium (mg/L)	MW-D6	0.0026	4/30/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(NDs)
Selenium (mg/L)	MW-D7	0.0026	4/29/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(NDs)
Selenium (mg/L)	MW-D8	0.0026	4/29/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(NDs)
Selenium (mg/L)	MW-D9	0.0026	4/30/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(NDs)
Thallium (mg/L)	MW-D4	0.0005	4/29/2025	<0.0005	No	34	100	n/a	0.03152	NP Inter(NDs)
Thallium (mg/L)	MW-D5	0.0005	4/30/2025	<0.0005	No	34	100	n/a	0.03152	NP Inter(NDs)
Thallium (mg/L)	MW-D6	0.0005	4/30/2025	<0.0005	No	34	100	n/a	0.03152	NP Inter(NDs)
Thallium (mg/L)	MW-D7	0.0005	4/29/2025	<0.0005	No	34	100	n/a	0.03152	NP Inter(NDs)
Thallium (mg/L)	MW-D8	0.0005	4/29/2025	<0.0005	No	34	100	n/a	0.03152	NP Inter(NDs)
Thallium (mg/L)	MW-D9	0.0005	4/30/2025	<0.0005	No	34	100	n/a	0.03152	NP Inter(NDs)

Within Limit

Tolerance Limit Interwell Non-parametric

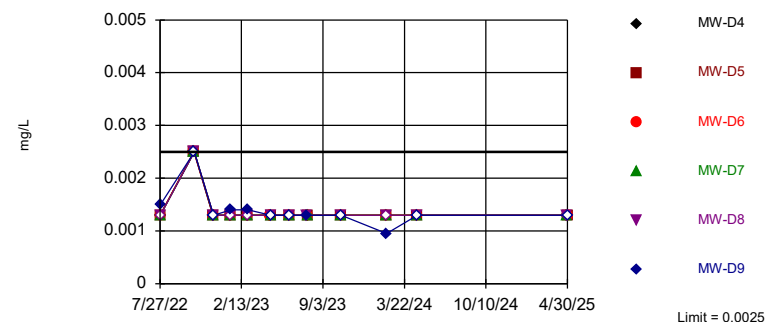


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. All background values were censored; limit is most recent reporting limit. 86.52% coverage at alpha=0.01; 91.21% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.1937.

Constituent: Antimony Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

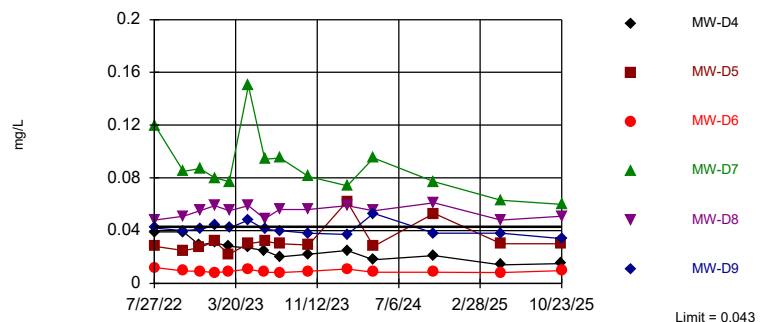


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 38 background values. 89.47% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1424.

Constituent: Arsenic Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Exceeds Limit: MW-D7, MW-D8

Tolerance Limit Interwell Non-parametric

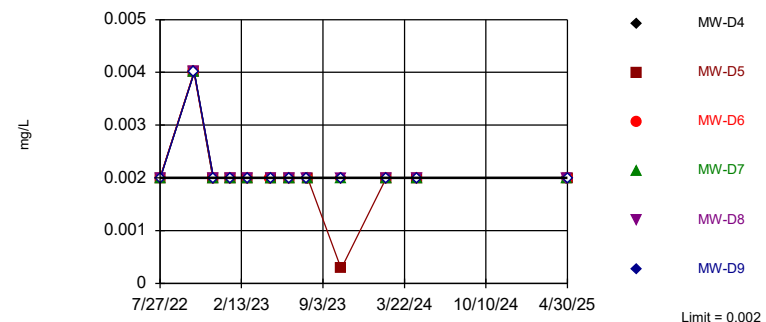


Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Most recent observation is compared with limit. Limit is highest of 41 background values. 89.26% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1221.

Constituent: Barium Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

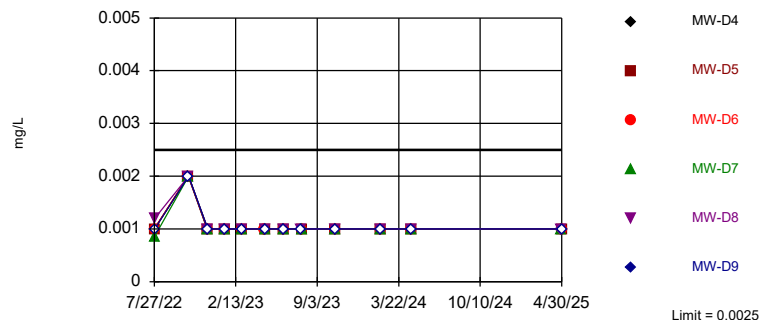


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. All background values were censored; limit is most recent reporting limit. 85.74% coverage at alpha=0.01; 90.43% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.2146.

Constituent: Beryllium Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

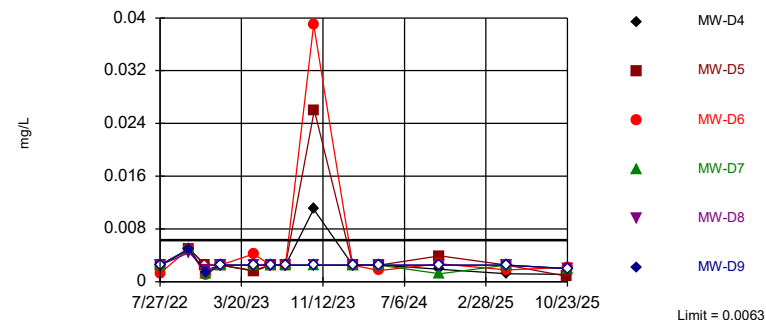


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 33 background values. 96.97% NDs. 86.91% coverage at alpha=0.01; 91.21% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.184.

Constituent: Cadmium Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

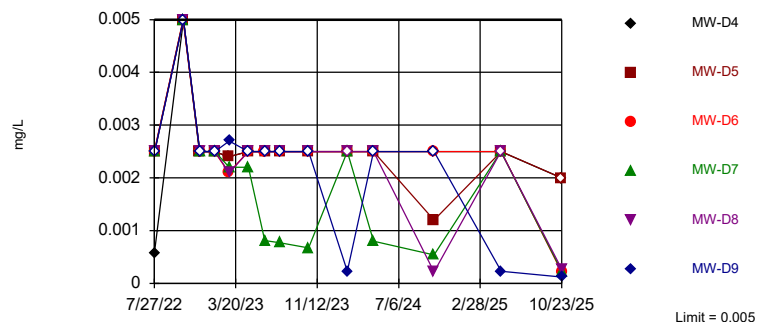


Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Most recent observation is compared with limit. Limit is highest of 38 background values. 28.95% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1424.

Constituent: Chromium Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

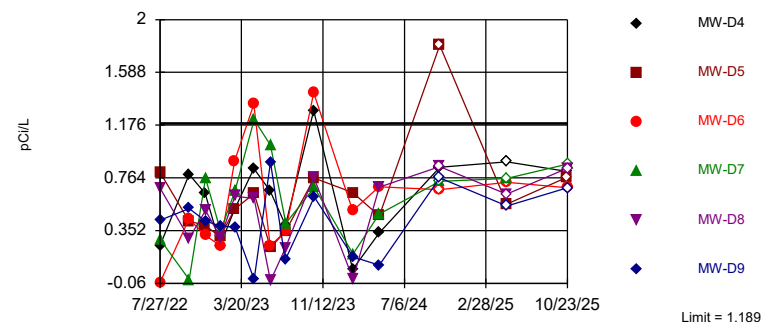


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 39 background values. 92.31% NDs. 88.87% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1353.

Constituent: Cobalt Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Parametric

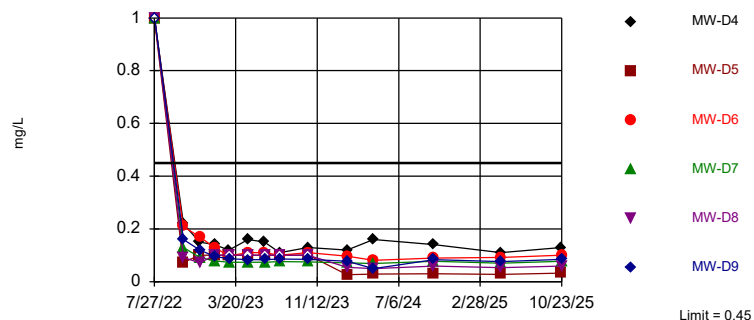


95% coverage. Most recent observation is compared with limit. Background Data Summary: Mean=0.4019, Std. Dev.=0.3713, n=41, 14.63% NDs. Normality test: Shapiro Wilk @alpha = 0.05, calculated = 0.9545, critical = 0.941. Report alpha = 0.05.

Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

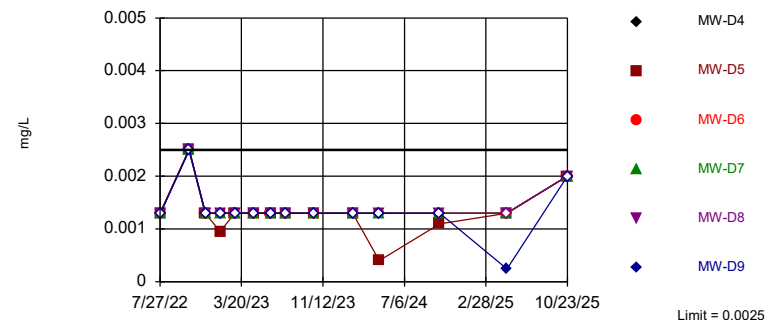


Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.05 alpha level. Most recent observation is compared with limit. Limit is highest of 41 background values. 7.317% NDs. 89.26% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1221.

Constituent: Fluoride Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

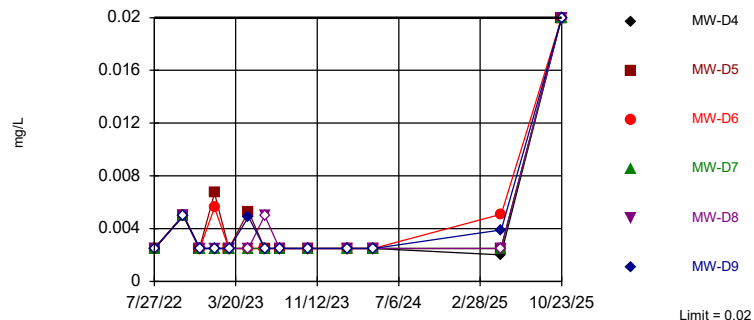


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 34 background values. 97.06% NDs. 87.3% coverage at alpha=0.01; 91.6% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.1748.

Constituent: Lead Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

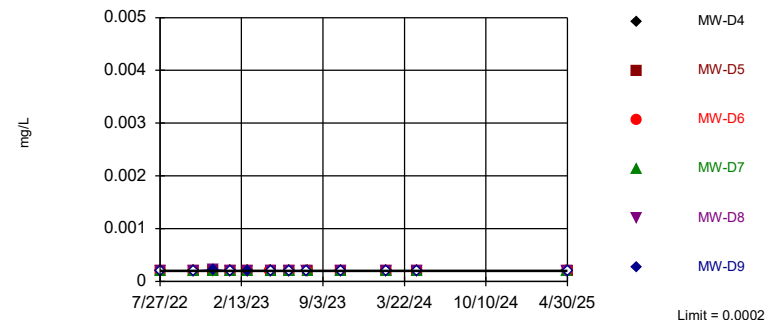


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 35 background values. 91.43% NDs. 87.7% coverage at alpha=0.01; 91.6% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.1661.

Constituent: Lithium Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit Interwell Non-parametric

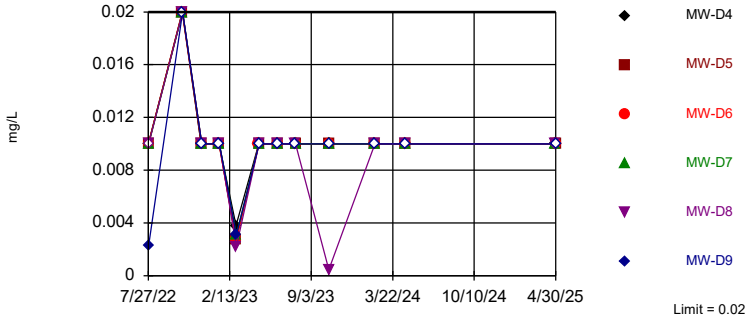


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 30 background values. 93.33% NDs. 85.74% coverage at alpha=0.01; 90.43% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.2146.

Constituent: Mercury Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit
Interwell Non-parametric

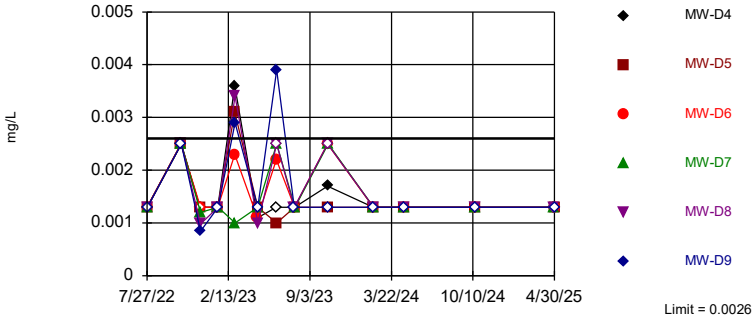


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 39 background values. 94.87% NDs. 88.87% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1353.

Constituent: Molybdenum Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit
Interwell Non-parametric

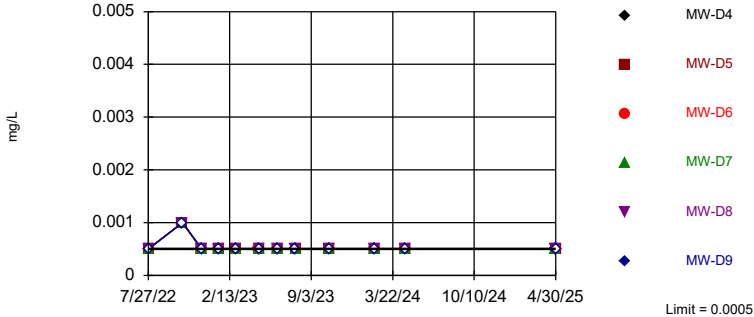


Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. Limit is highest of 35 background values. 57.14% NDs. 87.7% coverage at alpha=0.01; 91.6% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.1661.

Constituent: Selenium Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Within Limit

Tolerance Limit
Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 50%. Most recent observation is compared with limit. All background values were censored; limit is most recent reporting limit. 87.3% coverage at alpha=0.01; 91.6% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.1748.

Constituent: Thallium Analysis Run 1/2/2026 3:11 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Confidence Interval

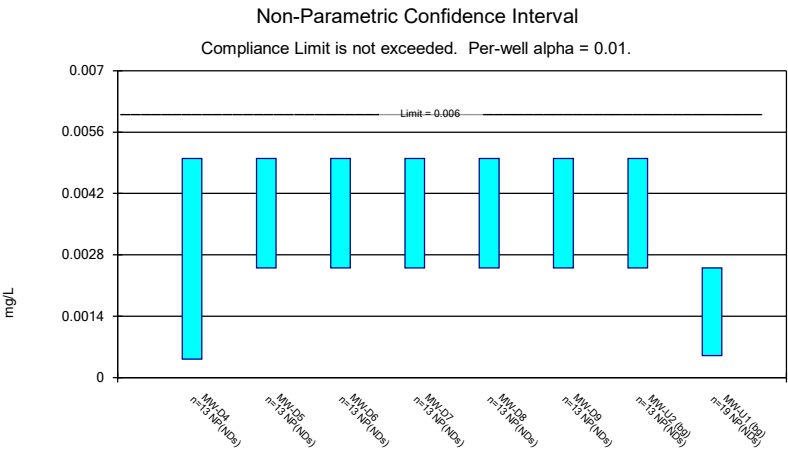
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 1/2/2026, 3:22 PM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	MW-D4	0.005	0.00042	0.006	No	13	0.002532	92.31	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-D5	0.005	0.0025	0.006	No	13	0.002692	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-D6	0.005	0.0025	0.006	No	13	0.002692	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-D7	0.005	0.0025	0.006	No	13	0.002692	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-D8	0.005	0.0025	0.006	No	13	0.002692	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-D9	0.005	0.0025	0.006	No	13	0.002692	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-U2 (bg)	0.005	0.0025	0.006	No	13	0.002692	100	None	No	0.01	NP (NDs)
Antimony (mg/L)	MW-U1 (bg)	0.0025	0.0005	0.006	No	19	0.002395	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-D4	0.0025	0.0013	0.01	No	12	0.0014	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-D5	0.0025	0.0013	0.01	No	12	0.0014	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-D6	0.0025	0.0013	0.01	No	12	0.0014	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-D7	0.0025	0.0013	0.01	No	12	0.0014	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-D8	0.0025	0.0013	0.01	No	12	0.0014	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-D9	0.0015	0.0013	0.01	No	12	0.001404	58.33	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-U2 (bg)	0.0025	0.0013	0.01	No	13	0.001392	100	None	No	0.01	NP (NDs)
Arsenic (mg/L)	MW-U1 (bg)	0.0019	0.0013	0.01	No	25	0.001292	84	None	No	0.01	NP (NDs)
Barium (mg/L)	MW-D4	0.03069	0.01974	2	No	14	0.02521	0	None	No	0.01	Param.
Barium (mg/L)	MW-D5	0.053	0.027	2	No	14	0.03271	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-D6	0.01013	0.008459	2	No	14	0.009314	0	None	x^(1/3)	0.01	Param.
Barium (mg/L)	MW-D7	0.1032	0.07251	2	No	14	0.08843	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-D8	0.05752	0.05134	2	No	14	0.05443	0	None	No	0.01	Param.
Barium (mg/L)	MW-D9	0.04453	0.03775	2	No	14	0.04114	0	None	No	0.01	Param.
Barium (mg/L)	MW-U2 (bg)	0.022	0.0099	2	No	14	0.01672	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-U1 (bg)	0.0026	0.002	2	No	27	0.002563	0	None	No	0.01	NP (normality)
Beryllium (mg/L)	MW-D4	0.004	0.002	0.004	No	12	0.002167	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-D5	0.004	0.00028	0.004	No	12	0.002023	91.67	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-D6	0.004	0.002	0.004	No	12	0.002167	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-D7	0.004	0.002	0.004	No	12	0.002167	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-D8	0.004	0.002	0.004	No	12	0.002167	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-D9	0.004	0.002	0.004	No	12	0.002167	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-U2 (bg)	0.004	0.002	0.004	No	12	0.002167	100	None	No	0.01	NP (NDs)
Beryllium (mg/L)	MW-U1 (bg)	0.0025	0.0004	0.004	No	18	0.001939	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-D4	0.002	0.001	0.005	No	12	0.001083	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-D5	0.002	0.001	0.005	No	12	0.001083	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-D6	0.002	0.001	0.005	No	12	0.001083	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-D7	0.002	0.00086	0.005	No	12	0.001072	91.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-D8	0.0012	0.001	0.005	No	12	0.0011	91.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-D9	0.002	0.001	0.005	No	12	0.001083	100	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-U2 (bg)	0.002	0.001	0.005	No	13	0.001231	92.31	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-U1 (bg)	0.002	0.0002	0.005	No	20	0.001085	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D4	0.005	0.0012	0.1	No	13	0.003031	61.54	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D5	0.005	0.0016	0.1	No	13	0.00441	69.23	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D6	0.005	0.0013	0.1	No	13	0.0053	38.46	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-D7	0.005	0.002	0.1	No	13	0.002454	84.62	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D8	0.0044	0.002	0.1	No	13	0.002554	84.62	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D9	0.0049	0.002	0.1	No	13	0.002562	84.62	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-U2 (bg)	0.005	0.0017	0.1	No	13	0.002954	61.54	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-U1 (bg)	0.0022	0.0013	0.1	No	25	0.001896	12	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-D4	0.005	0.0024	0.006	No	14	0.002498	85.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D5	0.005	0.0024	0.006	No	14	0.002543	85.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D6	0.005	0.0021	0.006	No	14	0.002486	85.71	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D7	0.001128	0.0004635	0.006	No	14	0.001837	42.86	Kapla...	sqrt(x)	0.01	Param.
Cobalt (mg/L)	MW-D8	0.005	0.0021	0.006	No	14	0.002328	78.57	Kapla...	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D9	0.0027	0.00023	0.006	No	14	0.002199	71.43	Kapla...	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-U2 (bg)	0.005	0.0022	0.006	No	14	0.002491	85.71	Kapla...	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-U1 (bg)	0.0025	0.002	0.006	No	25	0.002272	96	Kapla...	No	0.01	NP (NDs)
Combined Radium 226 + ...	MW-D4	0.751	0.2997	5	No	14	0.6103	21.43	Kapla...	No	0.01	Param.
Combined Radium 226 + ...	MW-D5	0.6076	0.3575	5	No	14	0.6188	21.43	Kapla...	sqrt(x)	0.01	Param.
Combined Radium 226 + ...	MW-D6	0.8192	0.2226	5	No	14	0.6052	21.43	Kapla...	No	0.01	Param.
Combined Radium 226 + ...	MW-D7	0.7508	0.2735	5	No	14	0.5982	21.43	Kapla...	No	0.01	Param.
Combined Radium 226 + ...	MW-D8	0.6047	0.2167	5	No	14	0.4961	21.43	Kapla...	No	0.01	Param.
Combined Radium 226 + ...	MW-D9	0.5206	0.1742	5	No	14	0.4266	21.43	Kapla...	No	0.01	Param.
Combined Radium 226 + ...	MW-U2 (bg)	0.7189	0.2237	5	No	14	0.5553	21.43	Kapla...	No	0.01	Param.
Combined Radium 226 + ...	MW-U1 (bg)	0.4979	0.1468	5	No	27	0.3223	11.11	None	No	0.01	Param.
Fluoride (mg/L)	MW-D4	0.22	0.12	4	No	14	0.2029	7.143	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-D5	1	0.029	4	No	14	0.1371	57.14	None	No	0.01	NP (NDs)
Fluoride (mg/L)	MW-D6	0.17	0.092	4	No	14	0.1784	7.143	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-D7	0.092	0.071	4	No	14	0.1457	7.143	None	No	0.01	NP (normality)

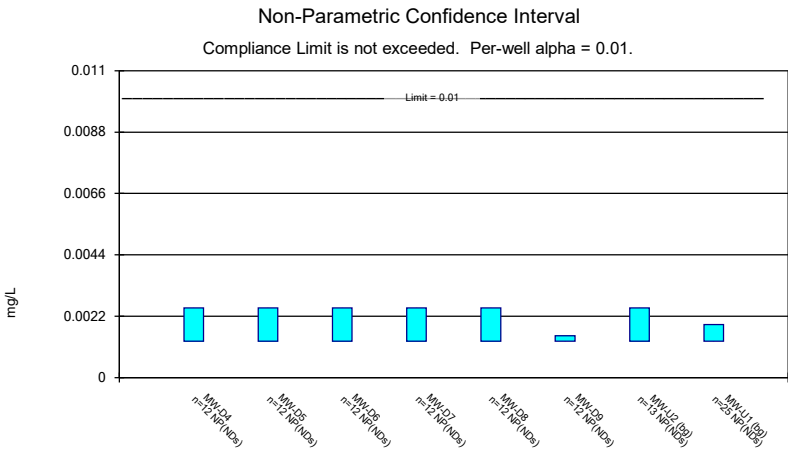
Confidence Interval

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 1/2/2026, 3:22 PM

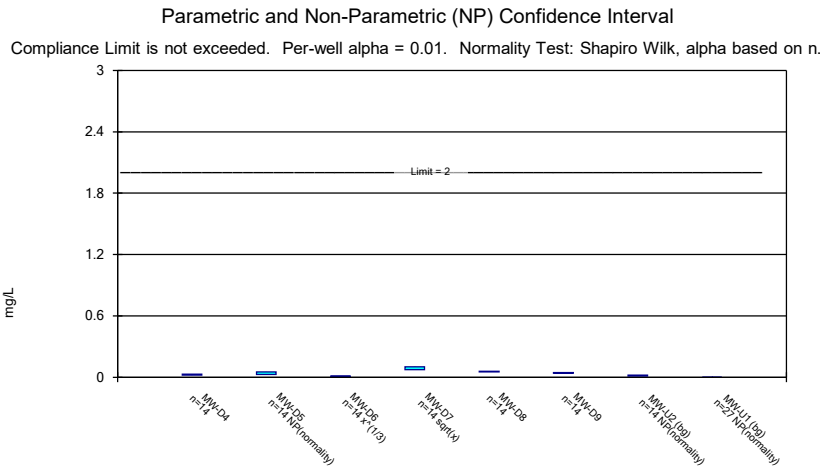
Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	MW-D8	1	0.054	4	No	14	0.1456	50	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-D9	0.12	0.077	4	No	14	0.1552	7.143	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-U2 (bg)	0.213	0.0628	4	No	14	0.1474	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	MW-U1 (bg)	0.07788	0.05856	4	No	27	0.06933	11.11	None	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-D4	0.002	0.0013	0.015	No	14	0.001436	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D5	0.002	0.0011	0.015	No	14	0.001332	78.57	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D6	0.002	0.0013	0.015	No	14	0.001436	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D7	0.002	0.0013	0.015	No	14	0.001436	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D8	0.002	0.0013	0.015	No	14	0.001436	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D9	0.002	0.00024	0.015	No	14	0.00136	92.86	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-U2 (bg)	0.002	0.0013	0.015	No	14	0.001436	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-U1 (bg)	0.002	0.00065	0.015	No	20	0.00125	95	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D4	0.005	0.002	0.04	No	13	0.004	92.31	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D5	0.0067	0.0025	0.04	No	13	0.004577	84.62	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D6	0.0056	0.0025	0.04	No	13	0.004477	84.62	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D7	0.005	0.0025	0.04	No	13	0.004038	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D8	0.005	0.0025	0.04	No	13	0.004231	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D9	0.005	0.0025	0.04	No	13	0.004331	84.62	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-U2 (bg)	0.005	0.0021	0.04	No	13	0.004008	92.31	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-U1 (bg)	0.0058	0.0005	0.04	No	22	0.003256	90.91	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-D4	0.0002	0.0002	0.002	No	12	0.0002	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-D5	0.0002	0.0002	0.002	No	12	0.0002	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-D6	0.0002	0.0002	0.002	No	12	0.0002	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-D7	0.0002	0.0002	0.002	No	12	0.0002	100	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-D8	0.00022	0.0002	0.002	No	12	0.000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-D9	0.00022	0.00019	0.002	No	12	0.000...	83.33	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-U2 (bg)	0.0002	0.00018	0.002	No	12	0.000...	91.67	None	No	0.01	NP (NDs)
Mercury (mg/L)	MW-U1 (bg)	0.0002	0.000099	0.002	No	18	0.000...	94.44	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-D4	0.02	0.0038	0.1	No	12	0.01032	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-D5	0.02	0.0027	0.1	No	12	0.01022	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-D6	0.02	0.0027	0.1	No	12	0.01022	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-D7	0.02	0.0031	0.1	No	12	0.01026	91.67	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-D8	0.02	0.0022	0.1	No	12	0.009388	83.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-D9	0.02	0.0031	0.1	No	12	0.009617	83.33	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-U2 (bg)	0.02	0.0033	0.1	No	14	0.009664	92.86	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-U1 (bg)	0.01	0.003	0.1	No	25	0.009124	96	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-D4	0.0025	0.0011	0.05	No	13	0.001585	76.92	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-D5	0.0025	0.001	0.05	No	13	0.001508	84.62	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-D6	0.0023	0.0011	0.05	No	13	0.001615	76.92	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-D7	0.0025	0.0012	0.05	No	13	0.001546	84.62	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-D8	0.0025	0.001	0.05	No	13	0.001691	76.92	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-D9	0.0029	0.00084	0.05	No	13	0.00168	76.92	None	No	0.01	NP (NDs)
Selenium (mg/L)	MW-U2 (bg)	0.0025	0.0012	0.05	No	13	0.001585	38.46	None	No	0.01	NP (normality)
Selenium (mg/L)	MW-U1 (bg)	0.0013	0.0007	0.05	No	22	0.001071	68.18	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-D4	0.001	0.0005	0.002	No	12	0.000...	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-D5	0.001	0.0005	0.002	No	12	0.000...	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-D6	0.001	0.0005	0.002	No	12	0.000...	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-D7	0.001	0.0005	0.002	No	12	0.000...	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-D8	0.001	0.0005	0.002	No	12	0.000...	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-D9	0.001	0.0005	0.002	No	12	0.000...	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-U2 (bg)	0.001	0.0005	0.002	No	12	0.000...	100	None	No	0.01	NP (NDs)
Thallium (mg/L)	MW-U1 (bg)	0.0005	0.0001	0.002	No	22	0.000...	100	None	No	0.01	NP (NDs)



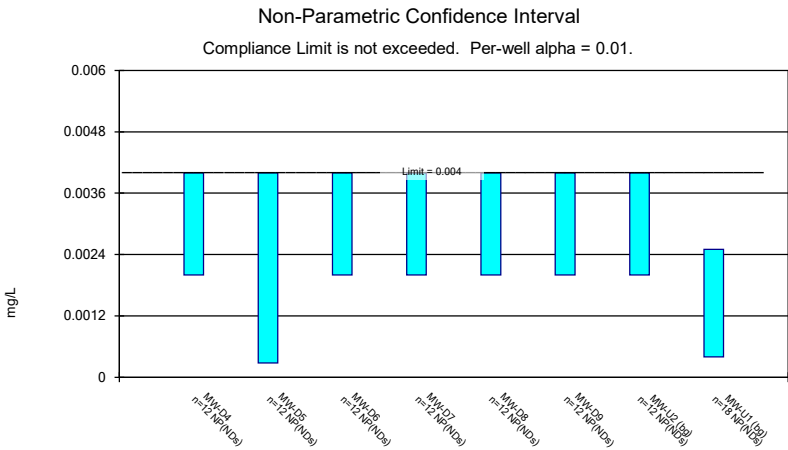
Constituent: Antimony Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



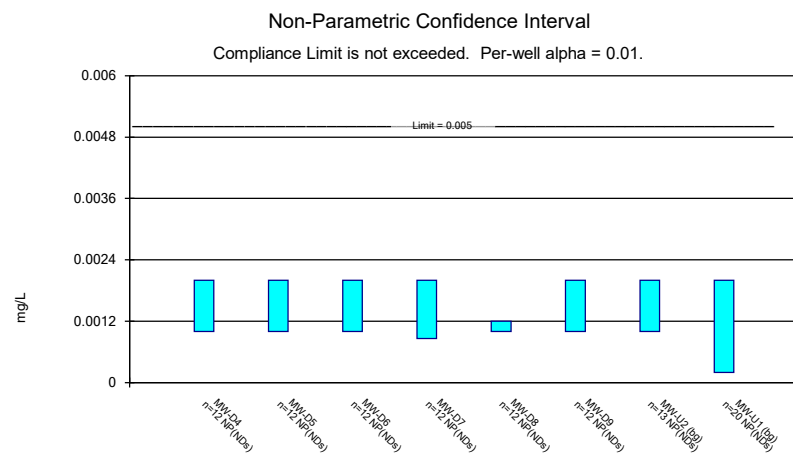
Constituent: Arsenic Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



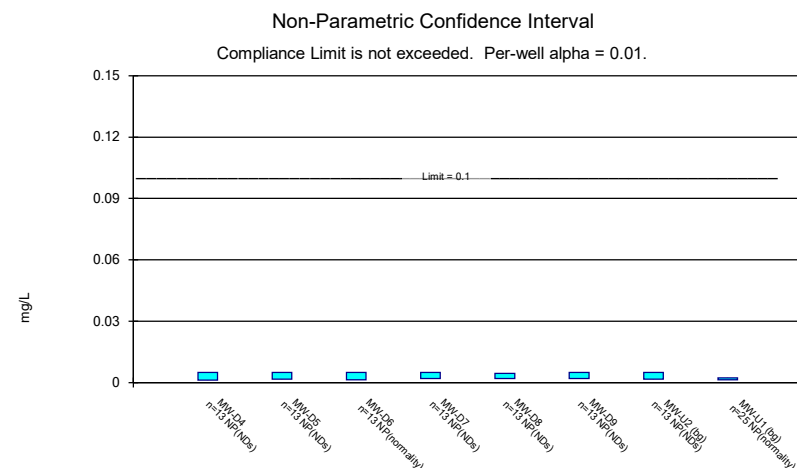
Constituent: Barium Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



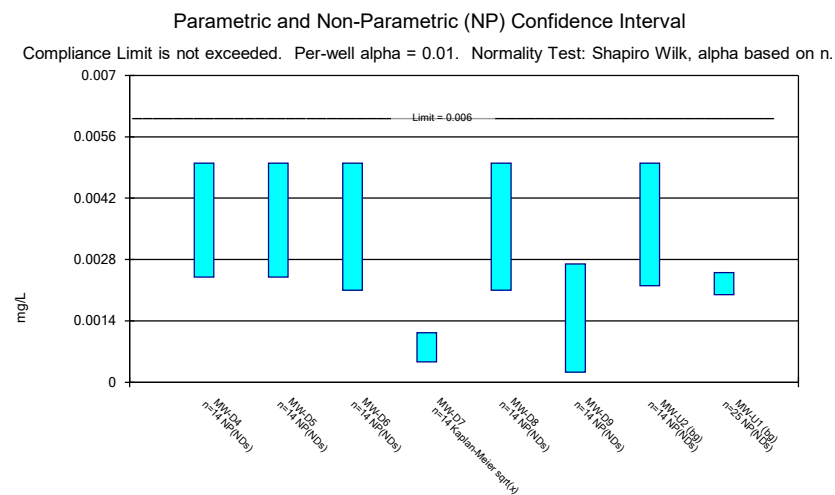
Constituent: Beryllium Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



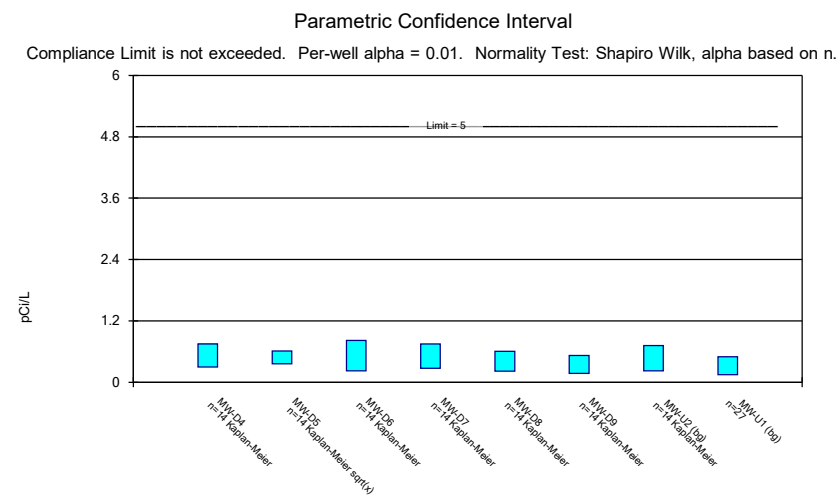
Constituent: Cadmium Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



Constituent: Chromium Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



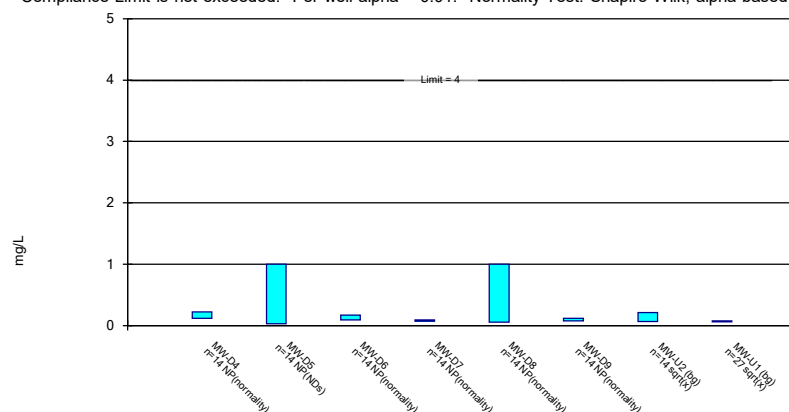
Constituent: Cobalt Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



Constituent: Combined Radium 226 + 228 Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Parametric and Non-Parametric (NP) Confidence Interval

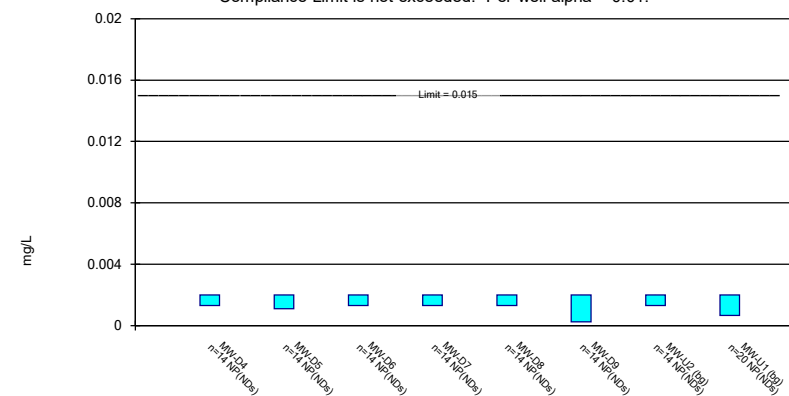
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

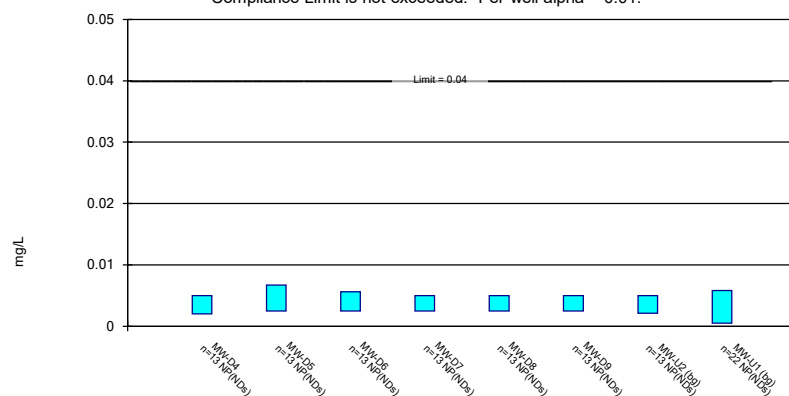
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lead Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

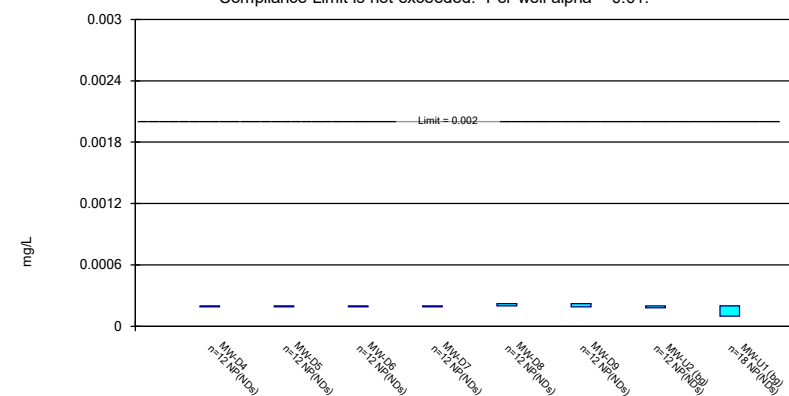
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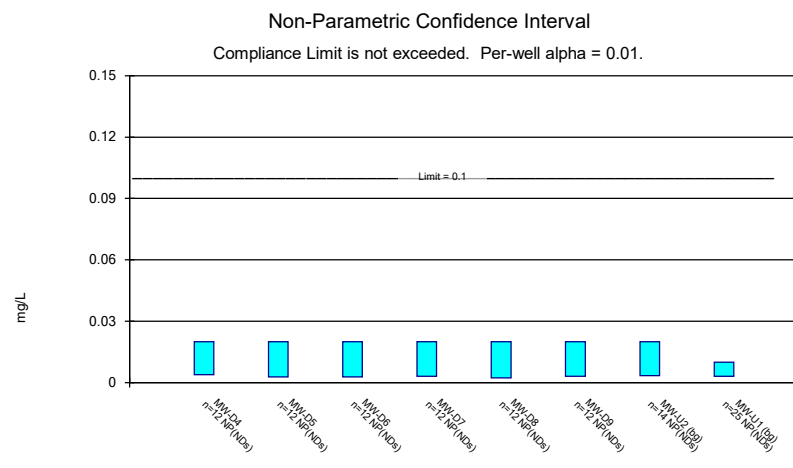
Constituent: Lithium Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

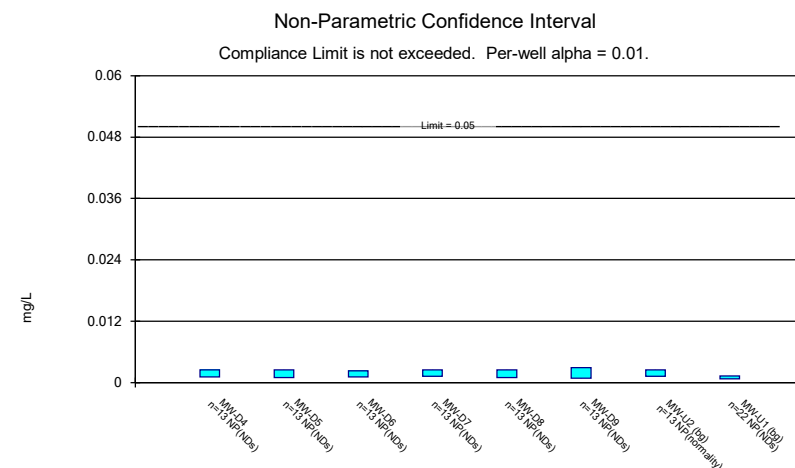
Compliance Limit is not exceeded. Per-well alpha = 0.01.



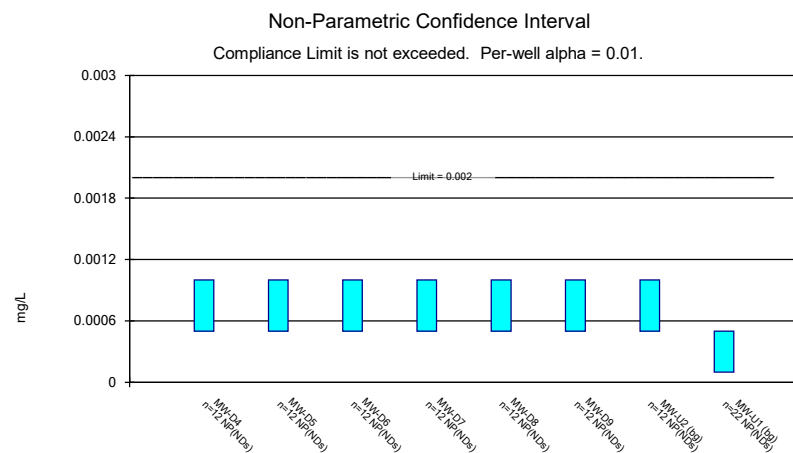
Constituent: Mercury Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



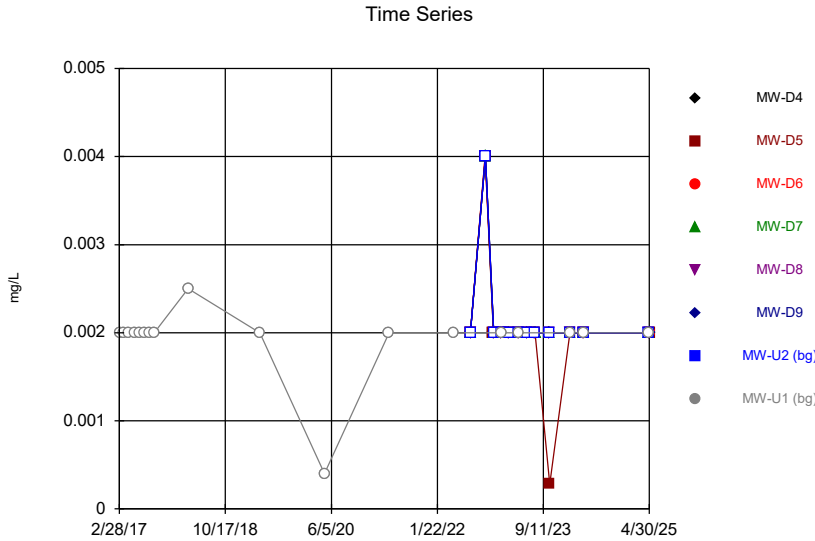
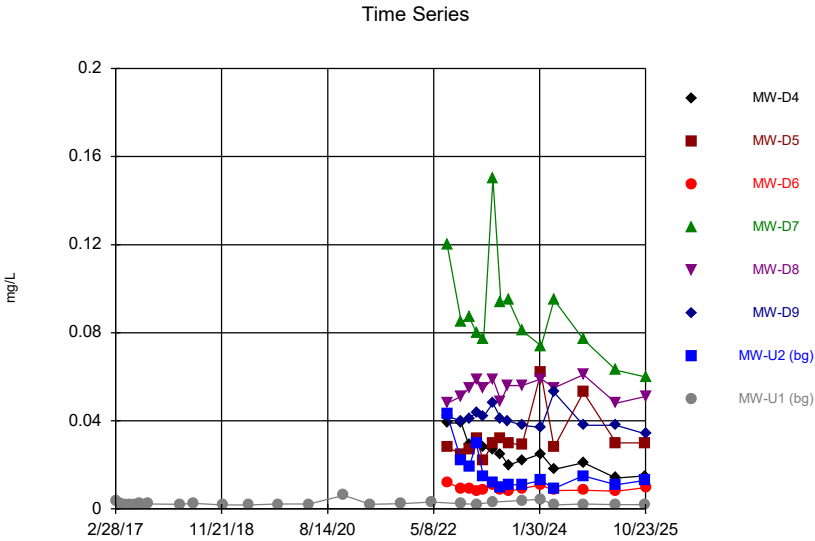
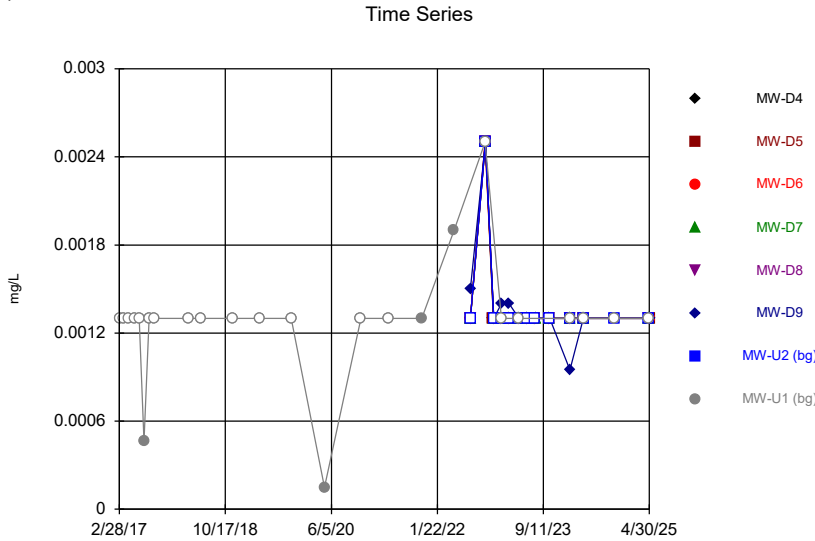
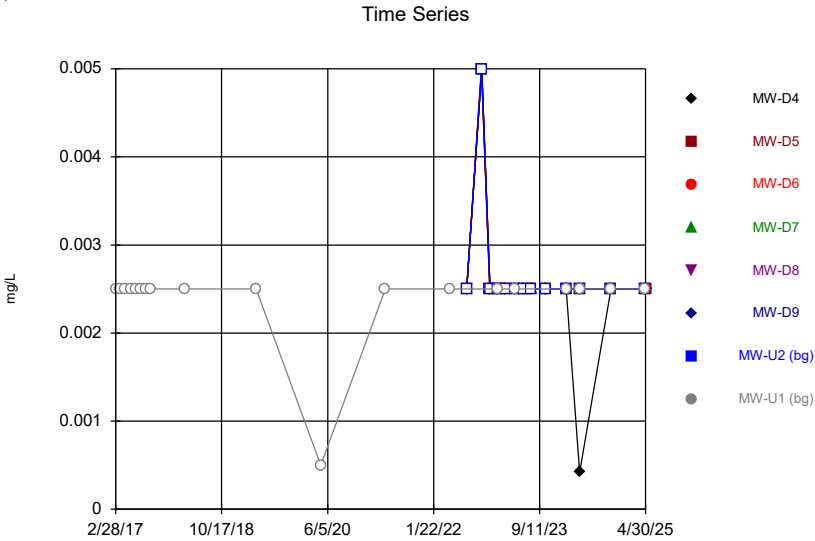
Constituent: Molybdenum Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



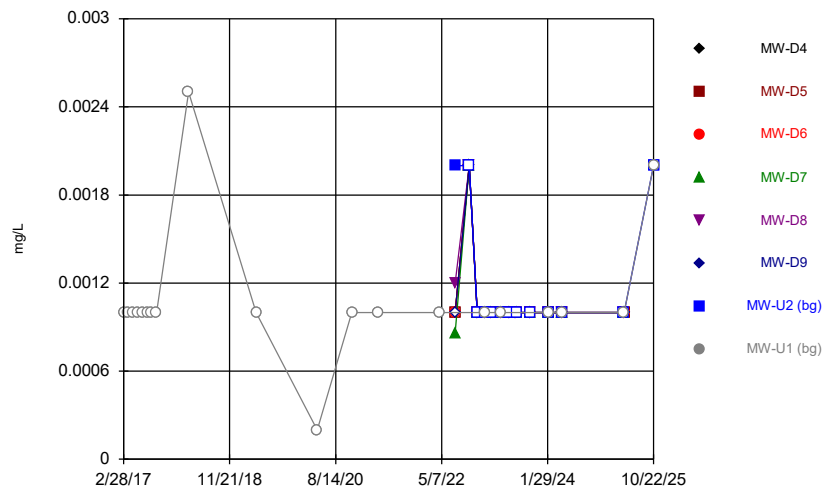
Constituent: Selenium Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



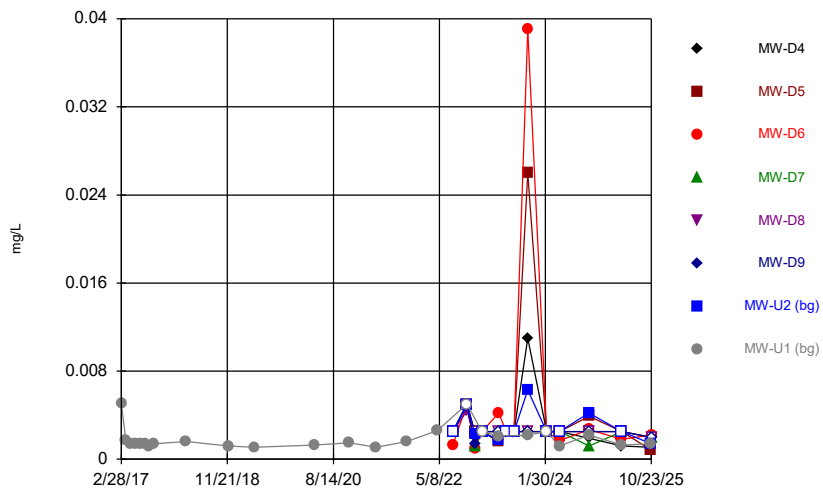
Constituent: Thallium Analysis Run 1/2/2026 3:13 PM
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



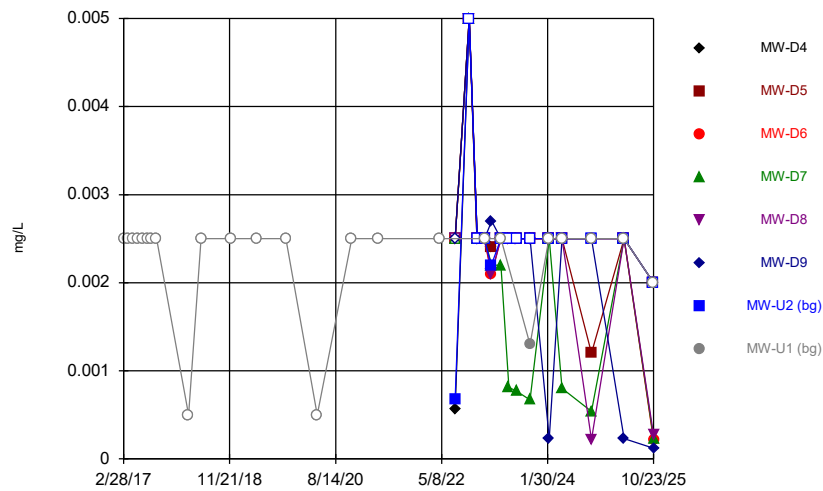
Time Series



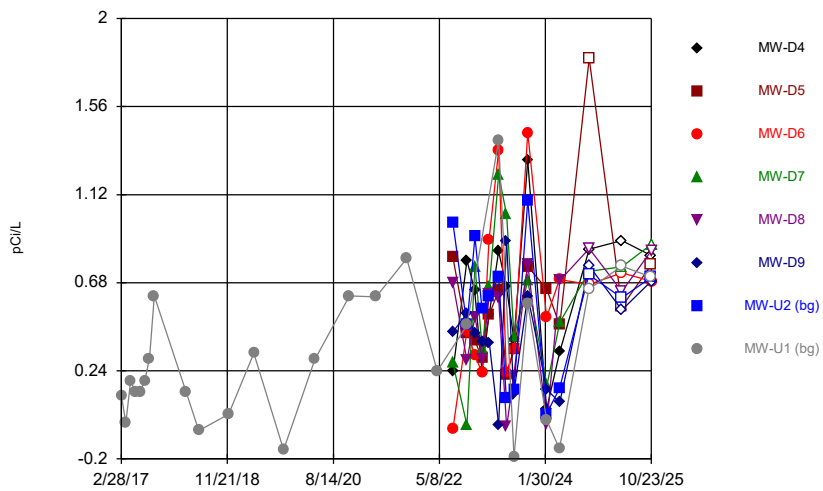
Time Series



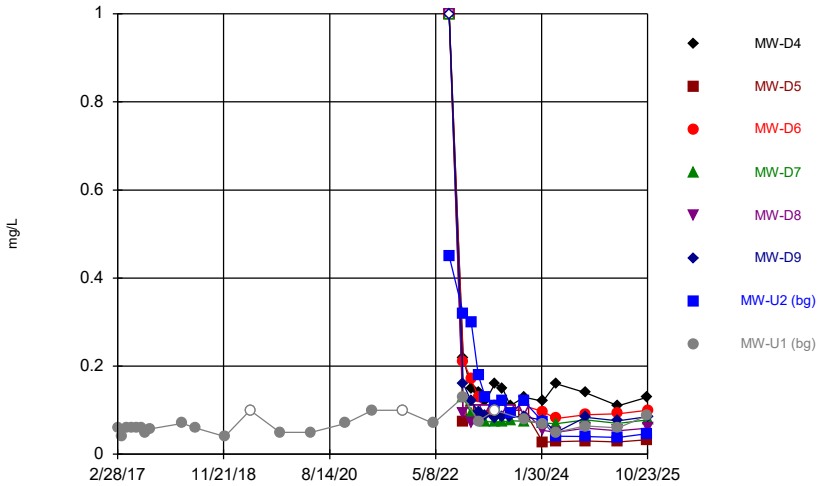
Time Series



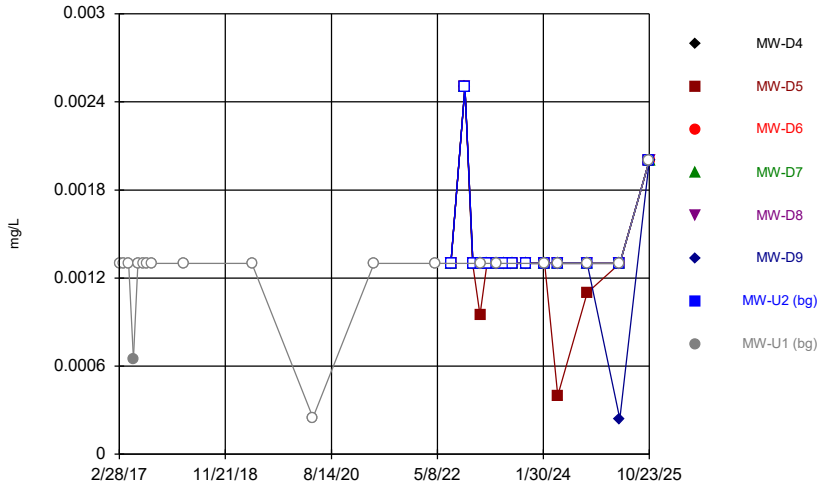
Time Series



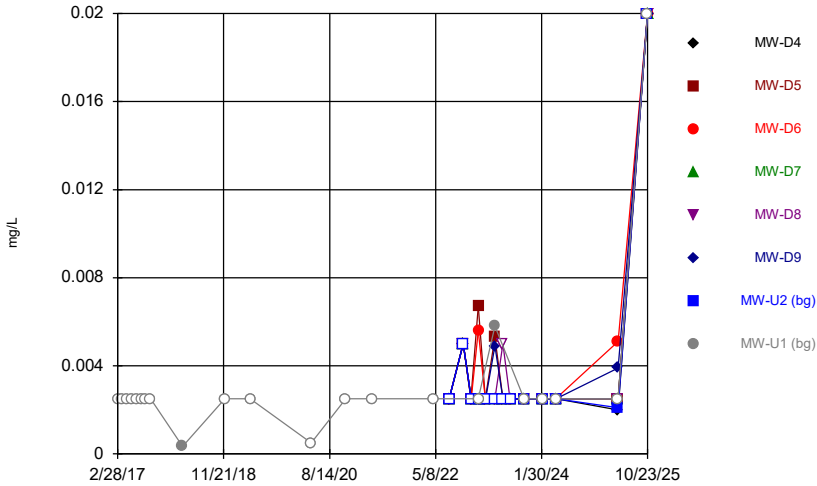
Time Series



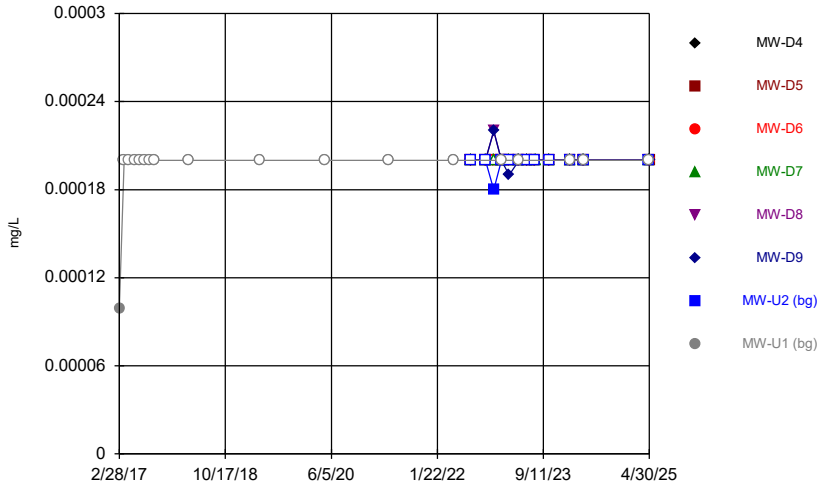
Time Series



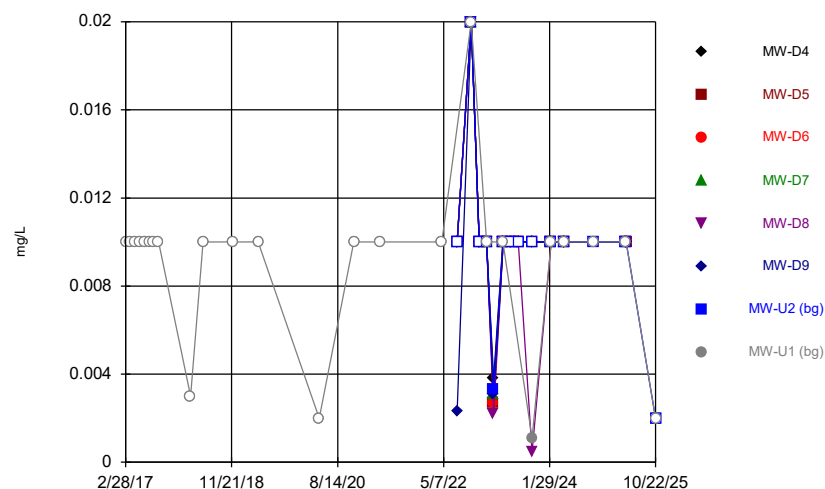
Time Series



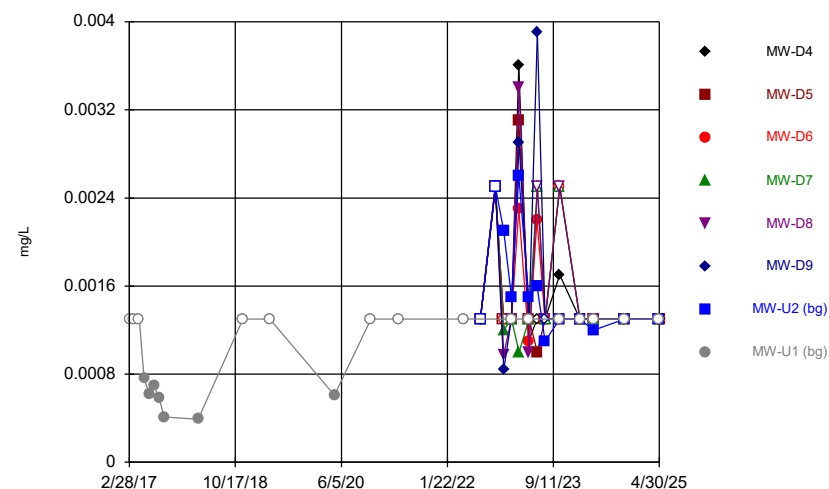
Time Series



Time Series



Time Series



Time Series

