Prepared for

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

2025 SEMI-ANNUAL GROUNDWATER MONITORING REPORT

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

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CERTIFICATION BY QUALIFIED GROUNDWATER SCIENTIST

I certify that this Semi-Annual 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 Semi-Annual 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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07/30/2025

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LIST OF ACRONYMS

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
K_h	Horizontal Hydraulic Conductivity
LSASD	Laboratory Services & 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
USEPA	United States Environmental Protection Agency
UTL	Upper Tolerance Limit

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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 the reporting period (i.e., between January and June 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 for the former secondary ash areas. The first assessment monitoring was performed in February 2024, within 90 days of triggering an assessment monitoring program.

- 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 III[1] constituents set forth below where concentrations of Appendix III constituents in the downgradient monitoring wells were statistically higher than the concentrations in 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 IV[2] constituents during the reporting period. A summary of SSIs of Appendix III and SSLs of Appendix IV parameters during the April 2025 monitoring is provided in the table below[3] .

[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 Table 4 and Table 5.

Appendix III Parameter	SSIs in Monitoring Well
Calcium	*MW-D4, MW-D7, MW-D8, MW-D9*
Total Dissolved Solids (TDS)	*MW-D7, MW-D8*
Appendix IV Parameter[4]	**No SSLs**

- CCR removal from the former secondary ash areas has been completed in 2023 and site restoration activities have been completed in July 2024. The concentrations of the Appendix IV constituents continue to remain below their respective GWPS since monitoring began in 2022. CCPC will continue assessment monitoring from the former secondary ash areas wells one more time in October 2025. If the October assessment monitoring results continue to remain below their GWPS, CCPC will discuss with the Georgia EPD the option of discontinuing groundwater monitoring from the former secondary ash areas monitoring well network.

[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 2024 Semi-Annual Groundwater Monitoring Report for two former coal ash disposal areas (referred in this document as former secondary ash areas). 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 and 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 former secondary ash areas in February 2024. The assessment monitoring continued in 2025 by performing a semi-annual monitoring event in April 2025. The April 2025 assessment monitoring event was 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 groundwater monitoring and statistical analyses were performed consistent with the Groundwater Monitoring and Statistical Analysis Plan prepared for the former secondary ash areas in February 2024 [Geosyntec, 2024b].

The purpose of this report is to present a summary of the April 2025 groundwater assessment monitoring activities and associated laboratory and statistical analysis results. This report has been prepared to meet the semi-annual reporting requirements of GA EPD CCR Rule 391-3-4-.10(6) (c)[5].

In summary, the April 2025 sampling events detected concentrations of 40 C.F.R. §257 Appendix IV constituents, but at concentrations below their respective United States

[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

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.

1.2 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 159-007D (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

[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).

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} centimeter 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-U1[7] 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 the 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 former 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 is needed for any of the eight monitoring wells.

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

2.0 GROUNDWATER SAMPLING AND LABORATORY ANALYSIS RESULTS

2.1 Groundwater Sampling and Laboratory Analysis

Groundwater assessment monitoring events for this reporting period were conducted on April 29-30, 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 monitoring are summarized in **Table 2**[8]. The groundwater elevations obtained from the April 2025 monitoring event were used to prepare the potentiometric surface map presented as **Figure 2**. Based on the potentiometric surface map, groundwater flow direction is from southeast towards northwest. Hydraulic gradient is on average 0.012 feet per foot (ft/ft) in April 2025 (**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 ± 0.1 Standard Units (SU);

[8] In addition to the former 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 former ash pond monitoring (i.e., MW-D1, MW-D2, and MW-D3) are presented in Table 2. Groundwater elevation data from the former ash pond monitoring wells, the former secondary ash areas monitoring wells, and water level data from Lake Blackshear are used to make the potentiometric surface map.

- Conductivity ± 5%;
- Turbidity measured less than 10 nephelometric turbidity units (NTU);
- Other parameters used are dissolved oxygen ±0.2 milligrams per liter (mg/L) or ±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 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. Radium was analyzed at Eurofins Environment Testing in St. Louis, MO. 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) 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 Laboratories. Field sampling quality control samples (field blank and equipment blank) were collected during the April 2025 monitoring event.

2.2 Groundwater Monitoring Results

Laboratory analytical results for Appendix III and Appendix IV constituents from the April 2025 monitoring event are summarized in **Table 4** and **Table 5**, respectively. Appendix III constituents were detected at low concentrations in the upgradient and downgradient monitoring well locations.

Low levels of Appendix IV constituents were detected in both the upgradient and downgradient wells. During the April 2025 monitoring, barium, chromium, cobalt, fluoride, lead, and lithium were detected in the downgradient monitoring wells. Similarly, low levels of barium, chromium, fluoride, and lithium were detected in the background/upgradient monitoring well MW-U1 and MW-U2. However, all concentrations measured in the upgradient and downgradient wells were below their respective USEPA's MCLs or groundwater protection standards (GWPS).

Low level Appendix IV constituents detected during the April 2025 monitoring events 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**. Results of the field sampling quality control samples (field blank and equipment blank) are also provided in **Appendix B**.

The 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 ASSESSMENT MONITORING STATISTICAL DATA ANALYSIS

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

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. The PL for each constituent and the list of wells with SSIs are summarized in **Table 6**. Appendix III statistical analyses results indicated that groundwater conditions have not returned to background levels.

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 reporting period. The Sanitas™ statistical calculations and time-series graphs for each constituent are provided in **Appendix C**.

The former secondary ash areas have been closed by removal and the Appendix IV constituents continue to remain statistically below the GWPS since monitoring began in 2022 (i.e., for 13 monitoring events). CCPC will continue the assessment monitoring one more time in October 2025. If Appendix IV constituents continue to remain below their GWPS during the next monitoring, CCPC will discuss with the Georgia EPD the option of discontinuing the assessment monitoring from the former secondary ash areas monitoring well network.

5.0 FUTURE GROUNDWATER MONITORING PROGRAM

Data collected during the assessment monitoring event indicated that Appendix IV constituents detected in the downgradient monitoring wells were below their respective GWPS. Pursuant to the CCR Rule 40 C.F.R. §257.95(d)(1) and GA EPD's CCR Rules, CCPC will continue groundwater sampling semi-annually for Appendix III and Appendix IV constituents. The next semi-annual groundwater monitoring will be in October 2025 and a report will be submitted by January 31, 2026 pursuant to the GA EPD CCR Rule 391-3-4-.10(6)(c).

CCR removal from the former secondary ash areas has been completed in 2023 and site restoration activities have been completed in July 2024. Appendix IV constituents continue to remain below their respective GWPS since monitoring began in 2022. If the Appendix IV constituents continue to remain below their GWPS during the next monitoring, CCPC will discuss with the Georgia EPD the option of discontinuing the assessment monitoring from the former secondary ash areas monitoring well network.

6.0 REFERENCES

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TABLES

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

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

Notes:

ft = feet
MSL = above mean sea level
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 - Former Secondary Ash Areas

Well ID	CCR Unit being Monitored	TOC Elevation (ft MSL)[(1)]	Date: 4/29/2025	
			Depth to Groundwater (ft BTOC)	Groundwater Elevation (ft MSL)
MW-D1	Ash Pond	241.77	15.62	226.15
MW-D2	Ash Pond	232.66	12.69	219.97
MW-D3	Ash Pond	233.78	6.98	226.80
MW-U1	Ash Pond	249.52	12.06	237.46
MW-D4	Secondary Ash Areas	246.51	10.96	235.55
MW-D5	Secondary Ash Areas	241.16	8.53	232.63
MW-D6	Secondary Ash Areas	252.63	22.05	230.58
MW-D7	Secondary Ash Areas	230.18	7.35	222.83
MW-D8	Secondary Ash Areas	226.76	7.65	219.11
MW-D9	Secondary Ash Areas	221.42	7.01	214.41
MW-U2	Secondary Ash Areas	248.79	11.56	237.23
Lake Blackshear[(2)]	--	--	--	236.91

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 elevation at 12 pm on 4/29/2025.

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

Location	Hydraulic Gradient (4/29/2025)				Groundwater Flow Velocity (4/29/2025)		
	h_1 (ft)	h_2 (ft)	Δl (ft)	$\Delta h/\Delta l$ (ft/ft)	K_h(ft/day)	ηe	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)	235.55	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**				**8.7**		

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.

$\Delta h/\Delta l$ = 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.

ηe = 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. Appendix III Analytical Data Summary - Sampling Performed on 29-30 April 2025
Crisp County Power Commission
Plant Crisp - Former Secondary Ash Areas

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

Constituent	Unit	MCL[1]	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	0.022	ND	ND	ND	ND	ND	ND	<0.050 (0.049 J)	0.056	ND
Calcium	mg/L	N/A	0.14	38	13	42	38	35	33	70	75	54
Chloride	mg/L	N/A	1.4	<2.0 (1.6 J)	<2.0 (1.4 J)	2.2	7.7	4.7	4.6	4.0	6.5	2.1
Fluoride	mg/L	4	0.022	<0.1 (0.060 J)	<0.1 (0.038 J)	0.11	<0.1 (0.028 J)	<0.1 (0.092 J)	<0.1 (0.095 J)	<0.1 (0.070 J)	<0.1 (0.053 J)	<0.1 (0.076 J)
Sulfate	mg/L	N/A	1.4	ND	19	ND	15	14	<5 (1.7 J)	ND	28	<5 (2.0 J)
pH[3]	SU	N/A	--	7.89	7.17	7.58	6.85	7.93	7.93	7.43	7.38	7.58
Total Dissolved Solids	mg/L	N/A	5.0	110	66	130	140	130	120	200	220	170

Notes:
mg/L = Milligrams per liter.
ND = The constituent was not detected above the analytical MDL.
MCL = Maximum contaminant level
MDL = Method detection limit
S.U. = Standard unit.
N/A = Not applicable because the constituent does not have an MCL.
J = Concentration is less than the reporting level but greater than or equal to the MDL and the reported concentration is an approximate value.
-- '= Not applicable
DUP-13 is a duplicate sample collected from MW-D6.
[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.

Table 5. Appendix IV Analytical Data Summary - Sampling Performed on 29-30 April 2025
Crisp County Power Commission
Plant Crisp - Former Secondary Ash Areas

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

Constituent	Unit	MCL[1]	CCR-Rule Specified[2]	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	<0.0025 (0.0020 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[3]	N/A	0.0012	<0.0025 (0.0013 J)	ND	<0.0025 (0.0012 J)	ND	<0.0025 (0.0018 J)	<0.0025 (0.0018 J)	ND	ND	ND
Cobalt	mg/L	N/A	0.006	0.00022	ND	ND	ND	ND	ND	ND	ND	ND	<0.0025 (0.00023 J)
Fluoride	mg/L	4	N/A	0.022	<0.1 (0.060 J)	<0.1 (0.038 J)	0.11	<0.1 (0.028 J)	<0.1 (0.092 J)	<0.1 (0.095 J)	<0.1 (0.070 J)	<0.1 (0.053 J)	<0.1 (0.076 J)
Lead	mg/L	0.015[4,5]	N/A	0.00021	ND	ND	ND	ND	ND	ND	ND	ND	<0.0013 (0.00024 J)
Lithium	mg/L	0.04[4]	0.04	0.002	ND	<0.0025 (0.0021 J)	<0.0025 (0.0020 J)	ND	0.0051	<0.0025 (0.0022 J)	ND	ND	0.0039
Mercury	mg/L	0.002[6]	N/A	0.00008	ND	ND	ND*+	ND*+	ND*+	ND*+	ND*+	ND*+	ND*+
Molybdenum	mg/L	0.1[4]	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:
mg/L = Milligrams per liter.
pCi/L = Picocuries per liter.
ND = The constituent was not detected above the analytical method detection limit (MDL).
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.
N/A = Not applicable for the constituent.
[1]: MCLs indicate USEPA maximum contaminant levels. MCLs are established under 40 CFR §141.62 and 40 CFR §141.66.
[2]: 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.
[3]: MCL value for total chromium.
[4]: Groundwater Protection Standard (GWPS) obtained from 40 C.F.R. §257.95(h)(2).
[5]: Lead Treatment Technology Action Level is 0.015 mg/L.
[6]: Value for inorganic mercury.
[7]: During the analysis of radium, background concentrations are substracted, 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.
*+ = LCS and/or LCSD is outside acceptance limits, high biased.

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

Appendix III to Part 257 Constituents for Detection Monitoring	Prediction Limit[1]	Wells with SSI (April 2025 Monitoring)
Boron (mg/L)	0.34	None
Calcium (mg/L)	41.52	MW-D4. MW-D7, MW-D8, MW-D9
Chloride (mg/L)	9.833	None
Field pH (SU)	<5.07 or >9.43	None
Fluoride (mg/L)	0.45	None
Sulfate (mg/L)	120	None
Total Dissolved Solids (TDS) (mg/L)	178.5	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. The April 2025 concentrations from MW-D4 through MW-D9 were compared to the predication limit values.

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

Appendix IV to Part 257 - Constituents for Assessment Monitoring	Well ID	Wells with SSI (April 2025 Monitoring)	Number of Non-detects	% Non-detects	Minimum	Maximum	Upper Tolerance Limit[1]	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	13	0	0%	0.014	0.039		2	2
	MW-D5	13	0	0%	0.022	0.062			
	MW-D6	13	0	0%	0.0081	0.012 B			
	MW-D7	13	0	0%	0.063	0.15			
	MW-D8	13	0	0%	0.048 B	0.061			
	MW-D9	13	0	0%	0.037	0.053			
	MW-U2	13	0	0%	0.0092	0.043 B	0.043		
	MW-U1	26	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			

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

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	12	11	92%	<0.001	0.002	0.0025	
	MW-U1	19	19	100%	<0.0002	<0.0025		
Chromium [mg/L]	MW-D4	12	8	67%	0.0012 J	0.011	0.1	0.1
	MW-D5	12	9	75%	0.0016 J	0.026		
	MW-D6	12	5	42%	0.001 J	0.039		
	MW-D7	12	10	83%	0.0012 JB	<0.005		
	MW-D8	12	10	83%	0.0018 JB	0.0044 JB		
	MW-D9	12	10	83%	0.0014 JB	0.0049 J		
	MW-U2	12	8	67%	0.0017 J	0.0063	0.0063	
	MW-U1	24	3	13%	0.0011 J	0.0051		
Cobalt [mg/L]	MW-D4	13	11	85%	0.00057 J	<0.005	0.006	0.006
	MW-D5	13	11	85%	0.0012 J	<0.005		
	MW-D6	13	12	92%	0.0021 J	<0.005		
	MW-D7	13	6	46%	0.00054 J	<0.005		
	MW-D8	13	11	85%	0.00022 J	<0.005		
	MW-D9	13	10	77%	0.00023 J	<0.005		
	MW-U2	13	11	85%	0.00068 J	<0.005	0.005	
	MW-U1	24	23	96%	<0.0005	<0.0025		
Fluoride [mg/L]	MW-D4	13	1	8%	0.11	<1.00 H	4	4
	MW-D5	13	8	62%	0.027 J	<1.00 H		
	MW-D6	11	1	9%	0.081 J	<1.00 H		
	MW-D7	13	1	8%	0.069 J	<1.00 H		
	MW-D8	13	7	54%	0.05 J	<1.00 H		
	MW-D9	13	1	8%	0.05 J	<1.00 H		
	MW-U2	13	0	0%	0.038 J	0.45 J	0.45	
	MW-U1	26	3	12%	0.04 J	0.13		
Lead [mg/L]	MW-D4	13	13	100%	<0.0013	<0.0025	0.015	0.0015
	MW-D5	13	10	77%	0.0004 J	<0.0025		
	MW-D6	13	13	100%	<0.0013	<0.0025		
	MW-D7	13	13	100%	<0.0013	<0.0025		
	MW-D8	13	13	100%	<0.0013	<0.0025		
	MW-D9	13	13	100%	0.00024 J	<0.0025		
	MW-U2	13	13	100%	<0.0013	<0.0025	0.0025	
	MW-U1	19	18	95%	<0.00025	<0.0013		

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

Lithium [mg/L]	MW-D4	12	11	92%	0.0020 J	<0.005		0.04	0.04
	MW-D5	12	10	83%	<0.0025	0.0067			
	MW-D6	12	10	83%	<0.0025	0.0056			
	MW-D7	12	12	100%	<0.0025	<0.005			
	MW-D8	12	12	100%	<0.0025	<0.005			
	MW-D9	12	10	83%	<0.0025	<0.005			
	MW-U2	12	11	92%	0.0021 J	<0.005	0.0058		
	MW-U1	21	19	90%	0.00034 J	0.0058			
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	13	12	92%	0.0033 J	<0.02	0.02		
	MW-U1	24	23	96%	0.0011 J	<0.02			
Radium 226 and 228 228 Combined [pCi/L]	MW-D4	13	2	15%	0.049	1.29		5	5
	MW-D5	13	2	15%	0.219	1.800			
	MW-D6	13	2	15%	-0.0527	1.43			
	MW-D7	13	2	15%	-0.0315	1.22			
	MW-D8	13	2	15%	-0.0397	0.851			
	MW-D9	13	2	15%	-0.0298	0.887			
	MW-U2	13	2	15%	0.0267	1.09	1.276		
	MW-U1	26	2	8%	-0.189	1.39			

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

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.
[1]: The upper tolerance limit values were calculated using data collected from the background well MW-U1 and MW-U2 between February 2017 and April 2025.

Table 8. Evaluation of SSLs for Appendix IV Constituents
Crisp County Power Commission
Plant Crisp - Former 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 April 2024 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	0.02047	No
	MW-D5		0.025	No
	MW-D6		0.0083	No
	MW-D7		0.07455	No
	MW-D8		0.0514	No
	MW-D9		0.03846	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	0.0017	No
	MW-D5		ND	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		ND	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		0.00023	No
	MW-U2		Background Well	
	MW-U1			
Fluoride [mg/L]	MW-D4	4	0.11	No
	MW-D5		0.028	No
	MW-D6		0.09	No
	MW-D7		0.07	No
	MW-D8		0.053	No
	MW-D9		0.076	No
	MW-U2		Background Well	
	MW-U1			

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

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		0.00024	No
	MW-U2		Background Well	
	MW-U1			
Lithium [mg/L]	MW-D4	0.04	0.002	No
	MW-D5		ND	No
	MW-D6		0.0025	No
	MW-D7		ND	No
	MW-D8		ND	No
	MW-D9		0.0025	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	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			
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

Service Layer Credits: ESRI_World_Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community Aerial Photograph from January 2024.

Legend

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

0 250 500 1,000 Feet

Groundwater Monitoring Well Location Map

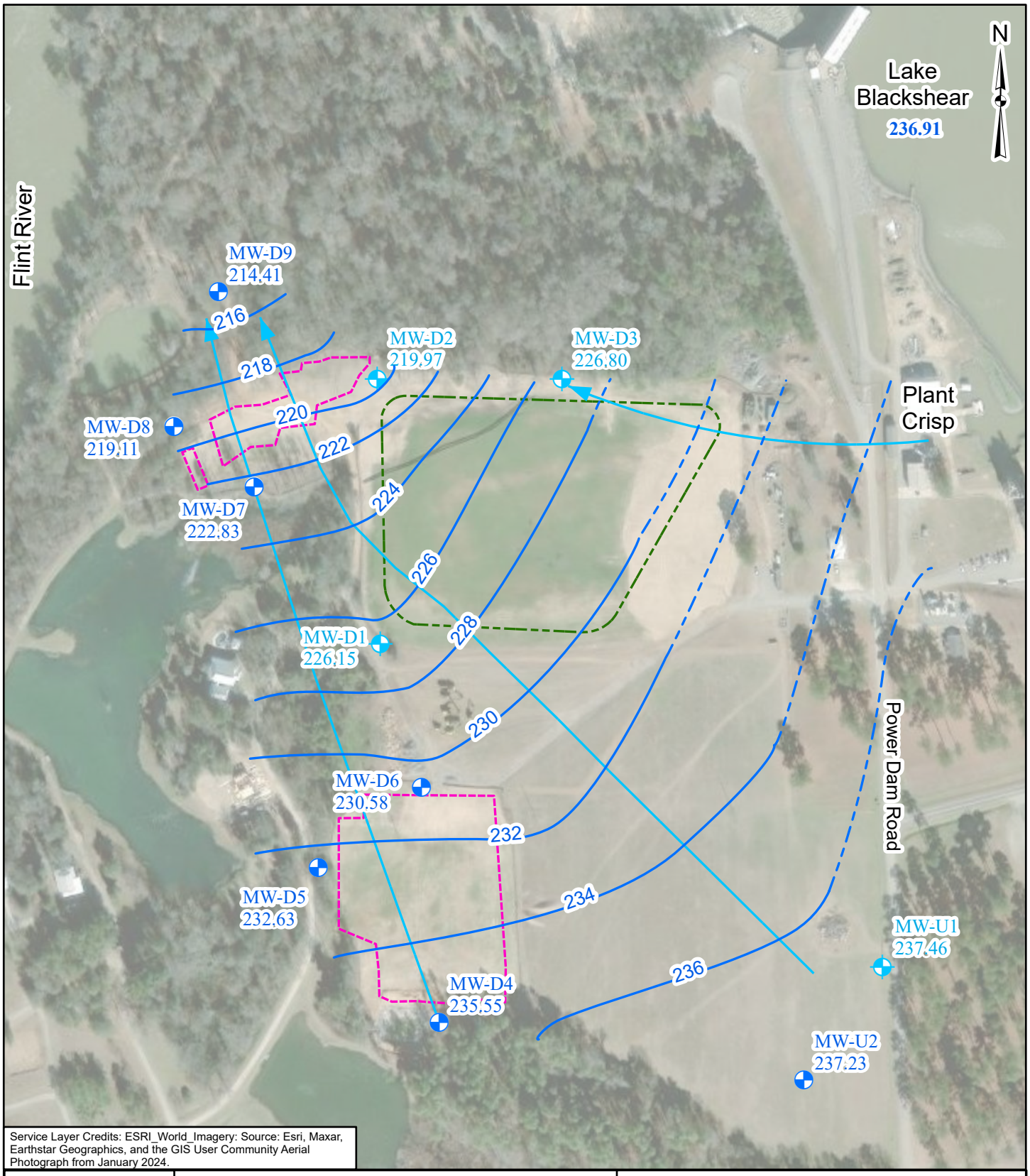
Crisp County Power Commission
Warwick, Georgia

Geosyntec consultants

KENNESAW, GA

DATE:	JULY 2025
PROJECT NO.	GW6152
DOCUMENT NO.	GA 240383
FILE NO.	FIGURE 1 GROUNDWATER MONITORING WELL LOCATION MAP
FIGURE NO.	1

\\Aro-01\prj1$\Crisp County\GIS\APRX\Monitoring Report Figures SAA.aprx 5/15/2025 1:12 PM DY



Service Layer Credits: ESRI_World_Imagery: Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community Aerial Photograph from January 2024.

DAWIT D. YIFRU
No. 001965
GEORGIA REGISTERED PROFESSIONAL GEOLOGIST

Dawit Yifru
PG001965

Legend

- Monitoring Well (Former Ash Pond)
- Monitoring Well (Former Secondary Ash Areas)
- Groundwater Elevation Contour - 29 April 2025 (ft, MSL) (dashed where inferred)
- Groundwater Flow Direction
- Former Secondary Ash Area Approximate Boundary
- Former Ash Pond Approximate Boundary

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

0 150 300 Feet

Potentiometric Surface Map (April 2025)

Crisp County Power Commission
Warwick, Georgia

Geosyntec consultants
KENNESAW, GA

DATE:	JULY 2025
PROJECT NO.	GW6152
DOCUMENT NO.	GA 250141
FILE NO.	FIGURE 2 POTENTIOMETRIC SURFACE MAP
FIGURE NO.	2

\\Aro-01\prj1$\Crisp County\GIS\APRX\July 2025 Semiannual\Former Ash Area.aprx 5/23/2025 5:28 PM

APPENDIX A

Field Groundwater Sampling Forms

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) 4/29/2025
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.

Geosyntec consultants

EQUIPMENT CALIBRATION LOG

Field Technician: Tony/Yw | Date: 04/30/25 | Time (start): 0803 | Time (finish): 0820

smarTroll SN: 1170065 | Turbidity Meter Type: Hach 2100Q | SN: 24090D000222

Weather Conditions: Sunny | Facility and Unit: CCPC | 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 01/2026	21.02	4490	4510.6	4492.4	+/- 5 %	Yes / No	
pH (4)			4.00	4.04	4.00	+/- 0.1 SU	Yes / No	
Mid-Day pH (4) check	~~22.36~~	YW	4.00	~~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			~~1.00~~ 20	20.7	20.1	+/- 0.5 NTU	Yes / No	
Turbidity 10 NTU			~~10.00~~ 100	102	99.8	+/- 0.5 NTU	Yes / No	YW

Geosyntec consultants

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: 23060D600290

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 01/2026	22.26	4490	4361.8	4490	+/- 5 %	(Yes) No	—
pH (4)			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 01/2026	23.02	7.00	6.95	7.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (7) check	—	—	7.00	—	—	+/- 0.1 SU	~~Yes~~ ~~No~~	—
pH (10)	24011537 01/2026	23.33	10.00	9.97	10.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (10) check	—	—	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)	[redacted]		100	97.002	100.002	+/- 6 % saturation	(Yes) No	—
Turbidity 20 NTU			20	22.5	20	+/- 0.5 NTU	(Yes) No	—
Turbidity ~~1~~ 100 NTU			~~1.00~~ 100	97.6	100	+/- 0.5 NTU	(Yes) No	—
Turbidity ~~10~~ 800 NTU			~~10.00~~ 800	757	800	+/- 0.5 NTU	(Yes) No	—

Geosyntec consultants

EQUIPMENT CALIBRATION LOG

Field Technician: Yongli Wang | Date: 04/29/25 | Time (start): 1045 | Time (finish): 1105

smarTroll SN: 170065 | Turbidity Meter Type: Hach 2100Q | SN: 24090123000274

Weather Conditions: Sunny | Facility and Unit: CCPC | 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 01/2026	23.61	4490	4178	4484.3	+/- 5 %	Yes No	
pH (4)			4.00	4.02	4.00	+/- 0.1 SU	Yes No	
Mid-Day pH (4) check	—	YW	4.00	—	—	+/- 0.1 SU	Yes No	
pH (7)	24014266 01/2026	24.07	7.00	6.97	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	24.06	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)	22490162 01/2026	24.11	228	223.7	227.9	+/- 20mV	Yes No	
DO (%) (1pt, 100% water saturated air cal)	[redacted]		100	103.32	99.81	+/- 6 % saturation	Yes No	
Turbidity 0 NTU	[redacted]		0.10	10.5	10.1	+/- 0.5 NTU	Yes No	
Turbidity 1 NTU	[redacted]		~~1.00~~ 20	21	19.9	+/- 0.5 NTU	Yes No	YW
Turbidity 10 NTU	[redacted]		~~10.00~~ 100	103	101	+/- 0.5 NTU	Yes No	

Geosyntec consultants

EQUIPMENT CALIBRATION LOG

Field Technician: Zain Webb | Date: 4-29-25 | Time (start): 0909 | Time (finish): 0929

smarTroll SN: 116798 | Turbidity Meter Type: HACH 2100Q | SN: 23060D000290

Weather Conditions: Cloudy, 75°F | Facility and Unit: — | Project No: GW6152103

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 01/2026	23.5C	4490	4318.	449000	+/- 5 %	(Yes) No	—
pH (4)			4.00	3.99	4.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (4) check	24014218 01/2026	26.8C	4.00	4.10	4.00	+/- 0.1 SU	(Yes) No	—
pH (7)	24014266 01/2026	28.8C	7.00	6.97	7.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (7) check	24014266 01/2026	27.7C	7.00	7.06	7.00	+/- 0.1 SU	(Yes) No	—
pH (10)	24011537 01/2026	23.9C	10.00	10.39	10.00	+/- 0.1 SU	(Yes) No	—
Mid-Day pH (10) check	24011537 01/2026	28.0C	10.00	10.02	10.00	+/- 0.1 SU	(Yes) No	—
ORP (mV)	22490162 01/2026	23.7C	228	223.8	228.0	+/- 20mV	(Yes) No	—
DO (%) (1pt, 100% water saturated air cal)	[redacted]		100	99.4%	100%	+/- 6 % saturation	(Yes) No	—
Turbidity 20 NTU	[redacted]		20	20.1	20	+/- 0.5 NTU	(Yes) No	—
Turbidity 100 NTU	[redacted]		~~100~~ 20 / 100	97.9	100	+/- 0.5 NTU	(Yes) No	—
Turbidity ~~40~~ 800 NTU	[redacted]		~~10.00~~ 20 / 800	767	800	+/- 0.5 NTU	(Yes) No	—

APPENDIX B

Laboratory Analytical Reports

eurofins | Environment Testing

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

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
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

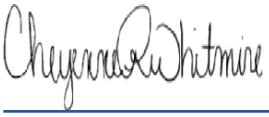
myEOL

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
Cheyenne Whitmire, Senior Project Manager
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

Table of Contents

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 0.0º 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.

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.

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: Geosyntec Consultants Inc
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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: Geosyntec Consultants Inc
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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

Job ID: 400-275211-1

Client Sample ID: EB-20250430

Date Collected: 04/30/25 11:48
Date Received: 05/02/25 10:10

Lab Sample ID: 400-275211-3

Matrix: Water

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: Geosyntec Consultants Inc
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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

Client: Geosyntec Consultants Inc
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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 Cl- 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 Cl- 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 Cl- 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

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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 Cl- 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

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

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
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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	

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

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

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

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		

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

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

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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:			Job #:
Address: 1255 Roberts Blvd, NW Suite 200	Due Date Requested:			
City: Kennesaw	TAT Requested (days): Standard			
State, Zip: GA, 30144	Compliance Project: Δ Yes X 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			
Site: Crisp County Power Commission	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

400-275211 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E - Chloride	6020 - Sb,As,B,Ba,Be,Ca,Cd,Cr,Co,Li,Pb,Tl,Se,Mo	7470A - Mercury	2540C - Total Dissolved Solids	4500_F_C - Fluoride	SM4500_SO4_E - Sulfate	FieldSampling - Field pH	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	N	D	D	N	N	N	N		
MW-U1 -20250429	04/24/25	1228	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.39
MW-U2 -20250429	04/24/25	1222	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.17
EB -20250430	04/30/25	1148	G	Water	N	N	X	X	X	X	X	X	X	X		
FB -20250430	04/30/25	1137	G	Water	N	N	X	X	X	X	X	X	X	X		

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Yongli Wang	5/1/25 0831	Geosyntec		5/2/25 1000	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.0°C IR8

Ver: 03/27/2025

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 </= 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 <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.

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 400-275211-1
Project/Site: 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	06-30-25
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.

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 400-275211-1
Project/Site: Crisp County Power Commission

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

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 6/5/2025 7:34:30 PM

JOB DESCRIPTION

Crisp County Power Commission

JOB NUMBER

400-275211-2

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

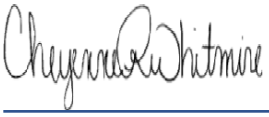
See page two for job notes and contact information.

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
Cheyenne Whitmire, Senior Project Manager
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

Table of Contents

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
Job ID: 400-275211-2
Project/Site: Crisp County Power Commission

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 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
Job ID: 400-275211-2
Project/Site: Crisp County Power Commission

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

Job ID: 400-275211-2

Client Sample ID: EB-20250430

Date Collected: 04/30/25 11:48
Date Received: 05/02/25 10:10

Lab Sample ID: 400-275211-3

Matrix: Water

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 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
Job ID: 400-275211-2
Project/Site: 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
Job ID: 400-275211-2
Project/Site: Crisp County Power Commission

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

QC Association Summary

Client: Geosyntec Consultants Inc
Job ID: 400-275211-2
Project/Site: Crisp County Power Commission

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	

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*

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*

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:			Job #:
Address: 1255 Roberts Blvd, NW Suite 200	Due Date Requested:			
City: Kennesaw	TAT Requested (days): Standard			
State, Zip: GA, 30144	Compliance Project: Δ Yes X 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			
Site: Crisp County Power Commission	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

400-275211 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E - Chloride	6020 - Sb,As,B,Ba,Be,Ca,Cd,Cr,Co,Li,Pb,Tl,Se,Mo	7470A - Mercury	2540C - Total Dissolved Solids	4500_F_C - Fluoride	SM4500_SO4_E - Sulfate	FieldSampling - Field pH	Total No.	Special Instructions/Note:
			Preservation Code:				D	N	D	D	N	N	N	N		
MW-U1 -20250429	04/24/25	1228	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.39
MW-U2 -20250429	04/24/25	1222	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.17
EB -20250430	04/30/25	1148	G	Water	N	N	X	X	X	X	X	X	X	X		
FB -20250430	04/30/25	1137	G	Water	N	N	X	X	X	X	X	X	X	X		

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Yongli Wang	5/1/25 0831	Geosyntec		5/2/25 1000	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.0°C IR8

Ver: 03/27/2025

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 </= 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 <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.

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 400-275211-2
Project/Site: 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	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.

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

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

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

myEOL

Job Notes

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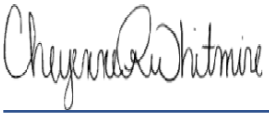
The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed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

Authorization



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Authorized for release by
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(850)471-6222

Table of Contents

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 0.0º C and 0.0º 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.

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.

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.

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: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

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: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

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: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

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

Job ID: 400-275223-1

Client Sample ID: MW-D7-20250429

Date Collected: 04/29/25 17:43
Date Received: 05/02/25 10:10

Lab Sample ID: 400-275223-4

Matrix: Water

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: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

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: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

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: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

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

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 Cl- 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 Cl- 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 Cl- 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

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 Cl- 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 Cl- 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 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 13:05
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

Lab Chronicle

Client: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

Client Sample ID: DUP-13-20250430
Date Collected: 04/30/25 00:00
Date Received: 05/02/25 10:10

Lab Sample ID: 400-275223-7
Matrix: Water

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

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

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	

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	

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

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

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

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		

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

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

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

Eurofins Pensacola
3355 McLemore Drive
Pensacola, FL 32514
Phone (850) 474-1001 Phone (850) 478-2671

Chain of Custody Record

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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:			Job #:
Address: 1255 Roberts Blvd, NW Suite 200	Due Date Requested:			
City: Kennesaw	TAT Requested (days): Standard			
State, Zip: GA, 30144	Compliance Project: Δ Yes Δ 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			
Site: Crisp County Power Commission	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

400-275223 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E - Chloride	6020 - Sb,As,B,Ba,Be,Ca,Cd,Cr,Co,Li,Pb,Tl,Se,Mo	7470A - Mercury	2540C - Total Dissolved Solids	4500_F_C - Fluoride	SM4500_SO4_E - Sulfate	FieldSampling - Field pH	Total N	Special Instructions/Note:
			Preservation Code:		X	X	D	N	D	D	N	N	N	F	X	
MW-D4 – 20250429	04/29/25	1428	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.58
MW-D5 – 20250430	04/30/25	0953	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 6.85
MW-D6 – 20250430	04/30/25	1324	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.93
MW-D7 – 20250429	04/29/25	1743	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.43
MW-D8 – 20250429	04/29/25	1617	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.38
MW-D9 – 20250430	04/30/25	0952	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.58
DUP-13 – 20250430	04/30/25	0007	G	Water	N	N	X	X	X	X	X	X	X	X		

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)
☐ 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:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Yongli Wang	05/01/25 0831	Geosyntec			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: BP	Date/Time: 5/2/25 1000	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0.0C R20 ,0.0

Ver: 03/27/2025

5/13/2025

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-275223-1

Login Number: 275223
List Number: 1
Creator: Beecher (Roberts), Alexis J

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.	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 <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.

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: 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	06-30-25
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.

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 400-275223-1
Project/Site: Crisp County Power Commission

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

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

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
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

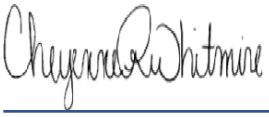
myEOL

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
Cheyenne Whitmire, Senior Project Manager
Cheyenne.Whitmire@et.eurofinsus.com
(850)471-6222

Table of Contents

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 0.0º C and 0.0º C.

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

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
Job ID: 400-275223-2
Project/Site: Crisp County Power Commission

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 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 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 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 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 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 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 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
Job ID: 400-275223-2
Project/Site: 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: 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

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	

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		

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

Carrier	LCS %Yield	LCS 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

Carrier	DU %Yield	DU 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

Carrier	MB %Yield	MB 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		

Carrier	LCS %Yield	LCS 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

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

Carrier	DU %Yield	DU 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	MB %Yield	MB 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	LCS %Yield	LCS 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	DU %Yield	DU Qualifier	Limits
Ba Carrier	61.9		30 - 110
Y Carrier	84.9		30 - 110

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:			Job #:
Address: 1255 Roberts Blvd, NW Suite 200	Due Date Requested:			
City: Kennesaw	TAT Requested (days): Standard			
State, Zip: GA, 30144	Compliance Project: Δ Yes X 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			
Site: Crisp County Power Commission	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

400-275223 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9315_Ra226, 9320_Ra228, Ra226Ra228_GFPC	SM4500_Cl_E - Chloride	6020 - Sb,As,B,Ba,Be,Ca,Cd,Cr,Co,Li,Pb,Tl,Se,Mo	7470A - Mercury	2540C - Total Dissolved Solids	4500_F_C - Fluoride	SM4500_SO4_E - Sulfate	FieldSampling - Field pH	Total N	Special Instructions/Note:
			Preservation Code:		X	X	D	N	D	D	N	N	N	F	X	
MW-D4 – 20250429	04/29/25	1428	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.58
MW-D5 – 20250430	04/30/25	0953	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 6.85
MW-D6 – 20250430	04/30/25	1324	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.93
MW-D7 – 20250429	04/29/25	1743	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.43
MW-D8 – 20250429	04/29/25	1617	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.38
MW-D9 – 20250430	04/30/25	0952	G	Water	N	N	X	X	X	X	X	X	X	X		pH = 7.58
DUP-13 – 20250430	04/30/25	0007	G	Water	N	N	X	X	X	X	X	X	X	X		

Possible Hazard Identification
X Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client X Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Yongli Wang	05/01/25 0831	Geosyntec			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: BP	Date/Time: 5/2/25 1000	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 0.0c R20 ,0.0

Ver: 03/27/2025

Login Sample Receipt Checklist

Client: Geosyntec Consultants Inc

Job Number: 400-275223-2

Login Number: 275223
List Number: 1
Creator: Beecher (Roberts), Alexis J

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.	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 <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.

Accreditation/Certification Summary

Client: Geosyntec Consultants Inc
Job ID: 400-275223-2
Project/Site: 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	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.

APPENDIX C

Statistical Analysis Reports

Prediction Limit

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 6/17/2025, 9:04 AM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Observ.	Sig.	Bg N	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Boron (mg/L)	MW-D4	0.34	n/a	4/29/2025	0.05ND	No	39	n/a	n/a	66.67	n/a	n/a	0.001211	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-D5	0.34	n/a	4/30/2025	0.05ND	No	39	n/a	n/a	66.67	n/a	n/a	0.001211	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-D6	0.34	n/a	4/30/2025	0.05ND	No	39	n/a	n/a	66.67	n/a	n/a	0.001211	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-D7	0.34	n/a	4/29/2025	0.049J	No	39	n/a	n/a	66.67	n/a	n/a	0.001211	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-D8	0.34	n/a	4/29/2025	0.056	No	39	n/a	n/a	66.67	n/a	n/a	0.001211	NP Inter (NDs) 1 of 2
Boron (mg/L)	MW-D9	0.34	n/a	4/30/2025	0.05ND	No	39	n/a	n/a	66.67	n/a	n/a	0.001211	NP Inter (NDs) 1 of 2
Calcium (mg/L)	**MW-D4**	**41.52**	**n/a**	**4/29/2025**	**42**	**Yes**	**38**	**36061**	**20205**	**0**	**None**	**x^3**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	MW-D5	41.52	n/a	4/30/2025	38	No	38	36061	20205	0	None	x^3	0.002505	Param Inter 1 of 2
Calcium (mg/L)	MW-D6	41.52	n/a	4/30/2025	35	No	38	36061	20205	0	None	x^3	0.002505	Param Inter 1 of 2
Calcium (mg/L)	**MW-D7**	**41.52**	**n/a**	**4/29/2025**	**70**	**Yes**	**38**	**36061**	**20205**	**0**	**None**	**x^3**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-D8**	**41.52**	**n/a**	**4/29/2025**	**75**	**Yes**	**38**	**36061**	**20205**	**0**	**None**	**x^3**	**0.002505**	**Param Inter 1 of 2**
Calcium (mg/L)	**MW-D9**	**41.52**	**n/a**	**4/30/2025**	**54**	**Yes**	**38**	**36061**	**20205**	**0**	**None**	**x^3**	**0.002505**	**Param Inter 1 of 2**
Chloride (mg/L)	MW-D4	9.833	n/a	4/29/2025	2.2	No	38	n/a	n/a	13.16	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Chloride (mg/L)	MW-D5	9.833	n/a	4/30/2025	7.7	No	38	n/a	n/a	13.16	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Chloride (mg/L)	MW-D6	9.833	n/a	4/30/2025	4.7	No	38	n/a	n/a	13.16	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Chloride (mg/L)	MW-D7	9.833	n/a	4/29/2025	4	No	38	n/a	n/a	13.16	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Chloride (mg/L)	MW-D8	9.833	n/a	4/29/2025	6.5	No	38	n/a	n/a	13.16	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Chloride (mg/L)	MW-D9	9.833	n/a	4/30/2025	2.1	No	38	n/a	n/a	13.16	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Field pH (SU)	MW-D4	9.43	5.07	4/29/2025	7.58	No	39	n/a	n/a	0	n/a	n/a	0.002423	NP Inter (normality) 1 of 2
Field pH (SU)	MW-D5	9.43	5.07	4/30/2025	6.85	No	39	n/a	n/a	0	n/a	n/a	0.002423	NP Inter (normality) 1 of 2
Field pH (SU)	MW-D6	9.43	5.07	4/30/2025	7.93	No	39	n/a	n/a	0	n/a	n/a	0.002423	NP Inter (normality) 1 of 2
Field pH (SU)	MW-D7	9.43	5.07	4/29/2025	7.43	No	39	n/a	n/a	0	n/a	n/a	0.002423	NP Inter (normality) 1 of 2
Field pH (SU)	MW-D8	9.43	5.07	4/29/2025	7.38	No	39	n/a	n/a	0	n/a	n/a	0.002423	NP Inter (normality) 1 of 2
Field pH (SU)	MW-D9	9.43	5.07	4/30/2025	7.58	No	39	n/a	n/a	0	n/a	n/a	0.002423	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-D4	0.45	n/a	4/29/2025	0.11	No	39	n/a	n/a	7.692	n/a	n/a	0.001211	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-D5	0.45	n/a	4/30/2025	0.028J	No	39	n/a	n/a	7.692	n/a	n/a	0.001211	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-D6	0.45	n/a	4/30/2025	0.092J	No	39	n/a	n/a	7.692	n/a	n/a	0.001211	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-D7	0.45	n/a	4/29/2025	0.07J	No	39	n/a	n/a	7.692	n/a	n/a	0.001211	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-D8	0.45	n/a	4/29/2025	0.053J	No	39	n/a	n/a	7.692	n/a	n/a	0.001211	NP Inter (normality) 1 of 2
Fluoride (mg/L)	MW-D9	0.45	n/a	4/30/2025	0.076J	No	39	n/a	n/a	7.692	n/a	n/a	0.001211	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-D4	120	n/a	4/29/2025	5ND	No	38	n/a	n/a	7.895	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-D5	120	n/a	4/30/2025	15	No	38	n/a	n/a	7.895	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-D6	120	n/a	4/30/2025	14	No	38	n/a	n/a	7.895	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-D7	120	n/a	4/29/2025	5ND	No	38	n/a	n/a	7.895	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-D8	120	n/a	4/29/2025	28	No	38	n/a	n/a	7.895	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Sulfate (mg/L)	MW-D9	120	n/a	4/30/2025	2J	No	38	n/a	n/a	7.895	n/a	n/a	0.001277	NP Inter (normality) 1 of 2
Total Dissolved Solids...	MW-D4	178.5	n/a	4/29/2025	130	No	38	10.33	1.724	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Total Dissolved Solids...	MW-D5	178.5	n/a	4/30/2025	140	No	38	10.33	1.724	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Total Dissolved Solids...	MW-D6	178.5	n/a	4/30/2025	130	No	38	10.33	1.724	0	None	sqrt(x)	0.002505	Param Inter 1 of 2
Total Dissolved Solids...	**MW-D7**	**178.5**	**n/a**	**4/29/2025**	**200**	**Yes**	**38**	**10.33**	**1.724**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Total Dissolved Solids...	**MW-D8**	**178.5**	**n/a**	**4/29/2025**	**220**	**Yes**	**38**	**10.33**	**1.724**	**0**	**None**	**sqrt(x)**	**0.002505**	**Param Inter 1 of 2**
Total Dissolved Solids...	MW-D9	178.5	n/a	4/30/2025	170	No	38	10.33	1.724	0	None	sqrt(x)	0.002505	Param Inter 1 of 2

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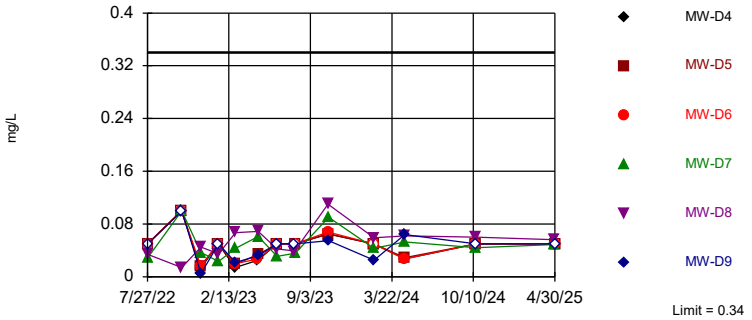
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because censored data exceeded 50%. Limit is highest of 39 background values. 66.67% NDs. Annual per-constituent alpha = 0.007247. Individual comparison alpha = 0.001211 (1 of 2). Comparing 6 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Boron Analysis Run 6/17/2025 9:03 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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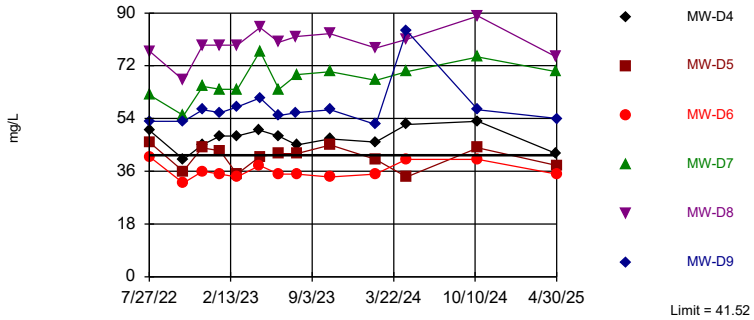
Exceeds Limit: MW-D4, MW-D7, MW-D8, MW-D9

Prediction Limit

Interwell Parametric



Background Data Summary (based on cube transformation): Mean=36061, Std. Dev.=20205, n=38. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9319, critical = 0.916. Kappa = 1.758 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 6 points to limit.

Constituent: Calcium Analysis Run 6/17/2025 9:03 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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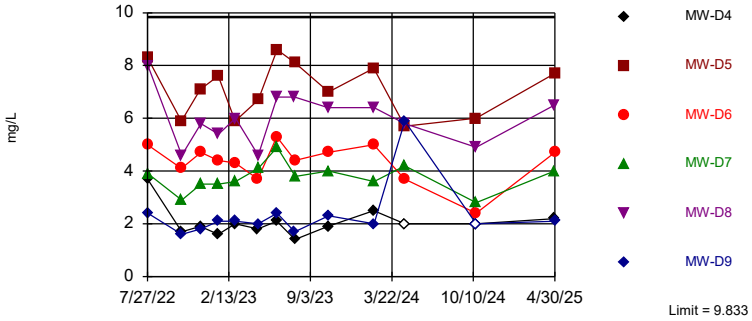
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. 13.16% NDs. Annual per-constituent alpha = 0.00764. Individual comparison alpha = 0.001277 (1 of 2). Comparing 6 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Chloride Analysis Run 6/17/2025 9:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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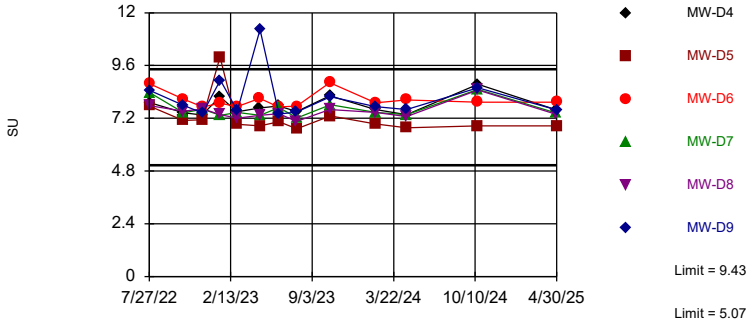
Within Limits

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 0.01 alpha level. Limits are highest and lowest of 39 background values. Annual per-constituent alpha = 0.01449. Individual comparison alpha = 0.002423 (1 of 2). Comparing 6 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Field pH Analysis Run 6/17/2025 9:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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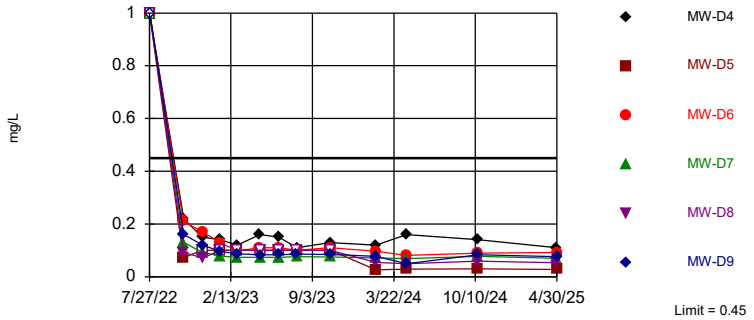
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 39 background values. 7.692% NDs. Annual per-constituent alpha = 0.007247. Individual comparison alpha = 0.001211 (1 of 2). Comparing 6 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Fluoride Analysis Run 6/17/2025 9:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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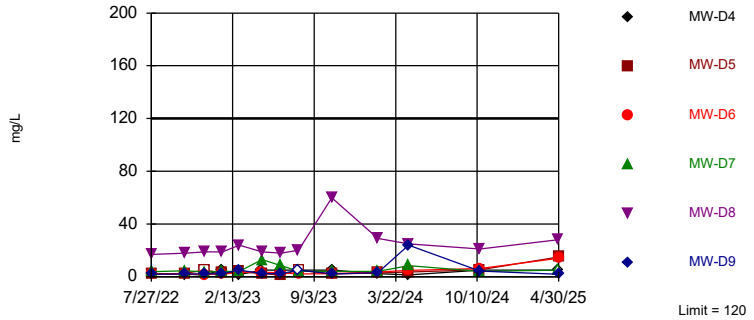
Hollow symbols indicate censored values.

Within Limit

Prediction Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric prediction limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Limit is highest of 38 background values. 7.895% NDs. Annual per-constituent alpha = 0.00764. Individual comparison alpha = 0.001277 (1 of 2). Comparing 6 points to limit. Seasonality was not detected with 95% confidence.

Constituent: Sulfate Analysis Run 6/17/2025 9:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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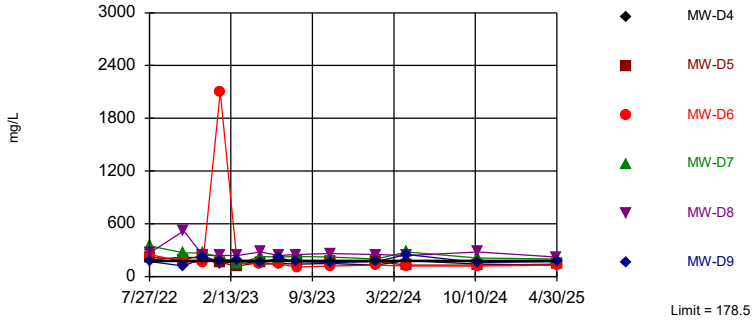
Exceeds Limit: MW-D7, MW-D8

Prediction Limit

Interwell Parametric



Background Data Summary (based on square root transformation): Mean=10.33, Std. Dev.=1.724, n=38. Seasonality was not detected with 95% confidence. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.9169, critical = 0.916. Kappa = 1.758 (c=7, w=3, 1 of 2, event alpha = 0.05132). Report alpha = 0.007498. Individual comparison alpha = 0.002505. Comparing 6 points to limit.

Constituent: Total Dissolved Solids Analysis Run 6/17/2025 9:04 AM View: CCPC - Former Secondary As
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Summary Report

Constituent: Antimony Analysis Run 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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 = 117
ND/Trace = 16
Wells = 8
Minimum Value = 0.0018
Maximum Value = 0.15
Mean Value = 0.03082
Median Value = 0.025
Standard Deviation = 0.02862
Coefficient of Variation = 0.9285
Skewness = 1.309

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
MW-D4	13	0	0.014	0.039	0.026	0.025	0.007439	0.2861	0.4021
MW-D5	13	0	0.022	0.062	0.03292	0.03	0.01139	0.346	1.778
MW-D6	13	0	0.0081	0.012	0.009285	0.0089	0.001265	0.1363	1.032
MW-D7	13	0	0.063	0.15	0.09062	0.085	0.02254	0.2488	1.529
MW-D8	13	0	0.048	0.061	0.05469	0.055	0.004423	0.08087	-0.3397
MW-D9	13	0	0.037	0.053	0.04169	0.041	0.004498	0.1079	1.377
MW-U2 (bg)	13	0	0.0092	0.043	0.01701	0.013	0.009756	0.5736	1.699
MW-U1 (bg)	26	0	0.0018	0.0062	0.002588	0.0022	0.0009717	0.3754	2.348

Summary Report

Constituent: Beryllium Analysis Run 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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 = 103
ND/Trace = 101
Wells = 8
Minimum Value = 0.0002
Maximum Value = 0.0025
Mean Value = 0.001085
Median Value = 0.001
Standard Deviation = 0.0003163
Coefficient of Variation = 0.2915
Skewness = 2.553

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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)	12	11	0.001	0.002	0.001167	0.001	0.0003892	0.3336	1.789
MW-U1 (bg)	19	19	0.0002	0.0025	0.001037	0.001	0.0003989	0.3847	2.289

Summary Report

Constituent: Chromium Analysis Run 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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 = 108
ND/Trace = 97
Wells = 8
Minimum Value = 0.001
Maximum Value = 0.039
Mean Value = 0.003119
Median Value = 0.0025
Standard Deviation = 0.004352
Coefficient of Variation = 1.395
Skewness = 6.673

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
MW-D4	12	8	0.0012	0.011	0.003192	0.0025	0.002619	0.8206	2.465
MW-D5	12	9	0.0016	0.026	0.004708	0.0025	0.006761	1.436	2.93
MW-D6	12	5	0.001	0.039	0.005558	0.0025	0.01059	1.906	2.955
MW-D7	12	10	0.0012	0.005	0.002492	0.0025	0.0009356	0.3755	1.33
MW-D8	12	10	0.0018	0.0044	0.0026	0.0025	0.0006015	0.2314	2.317
MW-D9	12	10	0.0014	0.0049	0.002608	0.0025	0.0007879	0.3021	1.991
MW-U2 (bg)	12	8	0.0017	0.0063	0.003083	0.0025	0.001354	0.4392	1.422
MW-U1 (bg)	24	3	0.0011	0.0051	0.001917	0.00145	0.001071	0.5587	2.128

Summary Report

Constituent: Cobalt Analysis Run 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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 = 115
ND/Trace = 114
Wells = 8
Minimum Value = 0.00022
Maximum Value = 0.005
Mean Value = 0.002411
Median Value = 0.0025
Standard Deviation = 0.0009037
Coefficient of Variation = 0.3747
Skewness = 0.4418

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
MW-D4	13	11	0.00057	0.005	0.002536	0.0025	0.0009114	0.3594	0.8424
MW-D5	13	11	0.0012	0.005	0.002585	0.0025	0.0008092	0.3131	1.87
MW-D6	13	12	0.0021	0.005	0.002662	0.0025	0.0007113	0.2672	3.029
MW-D7	13	6	0.00054	0.005	0.001961	0.0022	0.001244	0.6346	0.8594
MW-D8	13	11	0.00022	0.005	0.002486	0.0025	0.0009834	0.3956	0.3822
MW-D9	13	10	0.00023	0.005	0.002358	0.0025	0.001167	0.4947	-0.04304
MW-U2 (bg)	13	11	0.00068	0.005	0.002529	0.0025	0.0008963	0.3544	1.051
MW-U1 (bg)	24	23	0.0005	0.0025	0.002283	0.0025	0.0006012	0.2633	-2.469

Summary Report

Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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 = 117
ND/Trace = 16
Wells = 8
Minimum Value = -0.189
Maximum Value = 1.8
Mean Value = 0.4903
Median Value = 0.481
Standard Deviation = 0.3632
Coefficient of Variation = 0.7407
Skewness = 0.6323

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
MW-D4	13	2	0.049	1.29	0.5945	0.642	0.3422	0.5756	0.2604
MW-D5	13	2	0.219	1.8	0.6072	0.519	0.3987	0.6568	2.169
MW-D6	13	2	-0.0527	1.43	0.5989	0.507	0.431	0.7197	0.6424
MW-D7	13	2	-0.0315	1.22	0.5773	0.661	0.346	0.5994	0.06922
MW-D8	13	2	-0.0397	0.851	0.4697	0.603	0.2931	0.6241	-0.5725
MW-D9	13	2	-0.0298	0.887	0.4066	0.427	0.271	0.6667	0.05401
MW-U2 (bg)	13	2	0.0267	1.09	0.5436	0.605	0.3499	0.6437	-0.08352
MW-U1 (bg)	26	2	-0.189	1.39	0.3075	0.2145	0.3669	1.193	0.9512

Summary Report

Constituent: Fluoride Analysis Run 6/17/2025 9:43 AM View: CCPC - Former Secondary Ash Areas
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 = 117
ND/Trace = 86
Wells = 8
Minimum Value = 0.027
Maximum Value = 1
Mean Value = 0.1438
Median Value = 0.092
Standard Deviation = 0.2076
Coefficient of Variation = 1.444
Skewness = 3.645

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
MW-D4	13	1	0.11	1	0.2085	0.14	0.2396	1.149	3.096
MW-D5	13	8	0.027	1	0.1452	0.1	0.259	1.784	3.084
MW-D6	13	1	0.081	1	0.1845	0.11	0.2477	1.343	3.063
MW-D7	13	1	0.069	1	0.1509	0.075	0.2556	1.694	3.154
MW-D8	13	7	0.05	1	0.1523	0.1	0.2556	1.678	3.137
MW-D9	13	1	0.05	1	0.1606	0.085	0.2535	1.578	3.119
MW-U2 (bg)	13	0	0.038	0.45	0.1551	0.12	0.1263	0.8142	1.19
MW-U1 (bg)	26	3	0.04	0.13	0.06862	0.06	0.02149	0.3131	1.143

Summary Report

Constituent: Lead Analysis Run 6/17/2025 9:44 AM View: CCPC - Former Secondary Ash Areas
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 = 0.00024
Maximum Value = 0.0025
Mean Value = 0.001338
Median Value = 0.0013
Standard Deviation = 0.0003525
Coefficient of Variation = 0.2634
Skewness = 1.503

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
MW-D4	13	13	0.0013	0.0025	0.001392	0.0013	0.0003328	0.239	3.175
MW-D5	13	10	0.0004	0.0025	0.001281	0.0013	0.0004479	0.3497	1.049
MW-D6	13	13	0.0013	0.0025	0.001392	0.0013	0.0003328	0.239	3.175
MW-D7	13	13	0.0013	0.0025	0.001392	0.0013	0.0003328	0.239	3.175
MW-D8	13	13	0.0013	0.0025	0.001392	0.0013	0.0003328	0.239	3.175
MW-D9	13	12	0.00024	0.0025	0.001311	0.0013	0.0004621	0.3525	0.3993
MW-U2 (bg)	13	13	0.0013	0.0025	0.001392	0.0013	0.0003328	0.239	3.175
MW-U1 (bg)	19	18	0.00025	0.0013	0.001211	0.0013	0.0002762	0.2281	-2.846

Summary Report

Constituent: Lithium Analysis Run 6/17/2025 9:44 AM View: CCPC - Former Secondary Ash Areas
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 = 105
ND/Trace = 98
Wells = 8
Minimum Value = 0.00034
Maximum Value = 0.0067
Mean Value = 0.002831
Median Value = 0.0025
Standard Deviation = 0.001019
Coefficient of Variation = 0.36
Skewness = 1.748

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
MW-D4	12	11	0.002	0.005	0.002667	0.0025	0.0007487	0.2808	2.796
MW-D5	12	10	0.0025	0.0067	0.003292	0.0025	0.001484	0.4507	1.402
MW-D6	12	10	0.0025	0.0056	0.003183	0.0025	0.001244	0.3907	1.198
MW-D7	12	12	0.0025	0.005	0.002708	0.0025	0.0007217	0.2665	3.015
MW-D8	12	12	0.0025	0.005	0.002917	0.0025	0.0009731	0.3336	1.789
MW-D9	12	10	0.0025	0.005	0.003025	0.0025	0.0009845	0.3255	1.359
MW-U2 (bg)	12	11	0.0021	0.005	0.002675	0.0025	0.0007412	0.2771	2.874
MW-U1 (bg)	21	19	0.00034	0.0058	0.002459	0.0025	0.0009879	0.4018	1.076

Summary Report

Constituent: Mercury Analysis Run 6/17/2025 9:44 AM View: CCPC - Former Secondary Ash Areas
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

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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 6/17/2025 9:44 AM View: CCPC - Former Secondary Ash Areas
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 = 109
ND/Trace = 109
Wells = 8
Minimum Value = 0.00046
Maximum Value = 0.02
Mean Value = 0.009906
Median Value = 0.01
Standard Deviation = 0.003711
Coefficient of Variation = 0.3746
Skewness = 0.5616

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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)	13	12	0.0033	0.02	0.01025	0.01	0.003465	0.3379	1.229
MW-U1 (bg)	24	23	0.0011	0.02	0.009421	0.01	0.003515	0.3731	-0.06298

Summary Report

Constituent: Selenium Analysis Run 6/17/2025 9:44 AM View: CCPC - Former Secondary Ash Areas
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

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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 6/17/2025 9:44 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

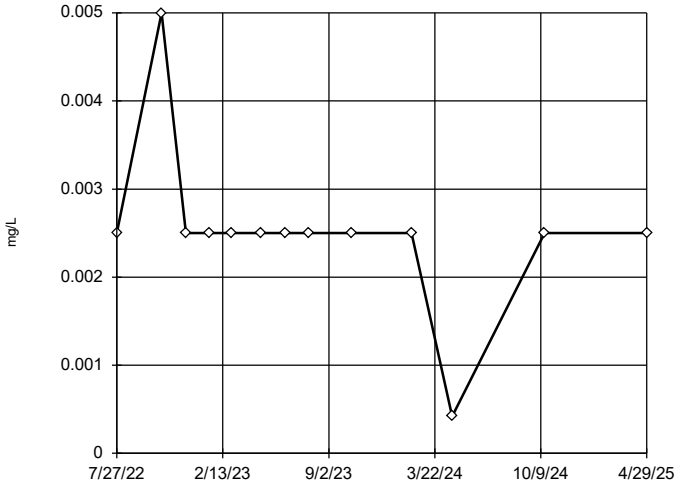
For observations made between 2/28/2017 and 4/30/2025, a summary of the selected data set:

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

Well	#Obs.	ND/Trace	Min	Max	Mean	Median	Std.Dev.	CV	Skewness
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

Tukey's Outlier Screening

MW-D4



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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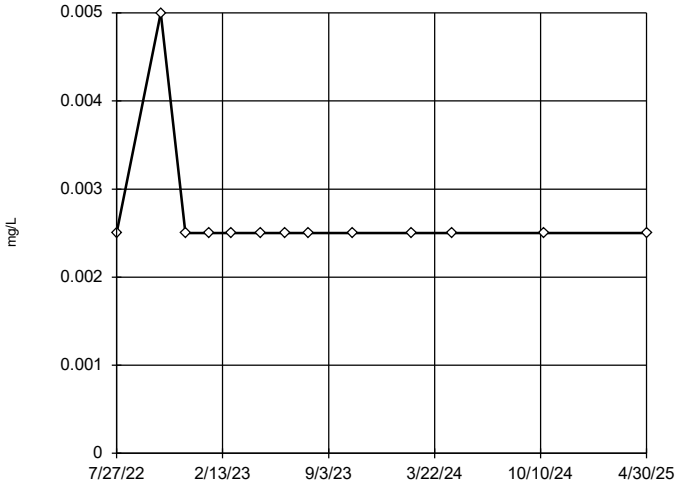
Tukey's Outlier Screening

MW-D5



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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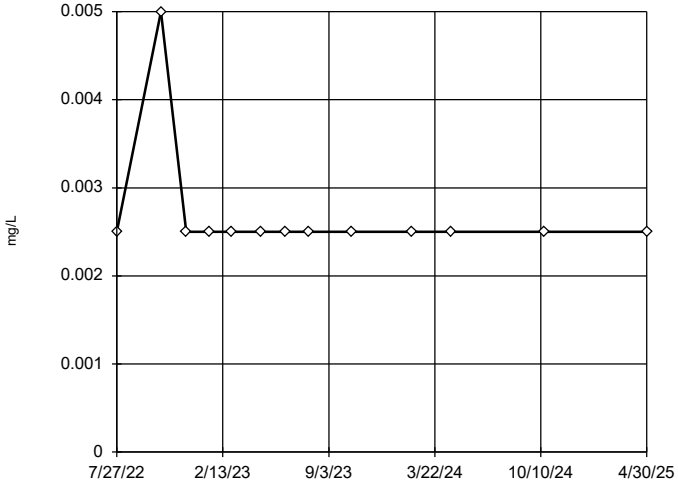
Tukey's Outlier Screening

MW-D6



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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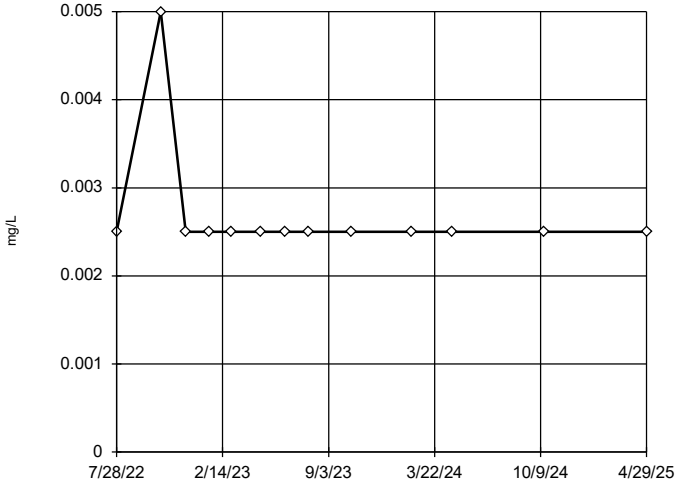
Tukey's Outlier Screening

MW-D7



n = 13

No outliers found. Tukey's method selected by user.

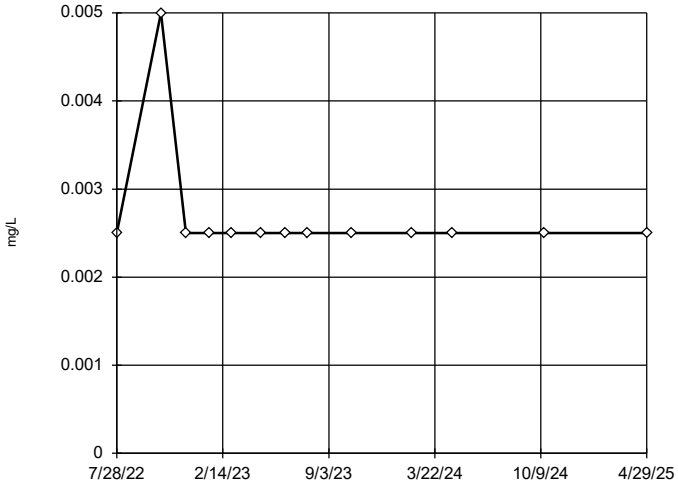
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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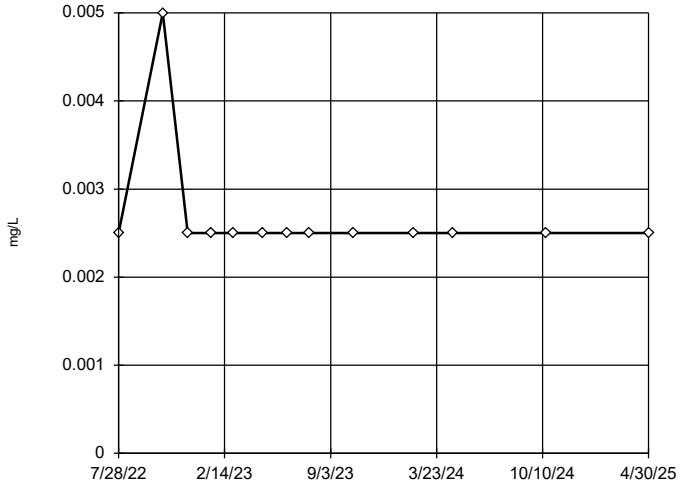
Tukey's Outlier Screening

MW-D9



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

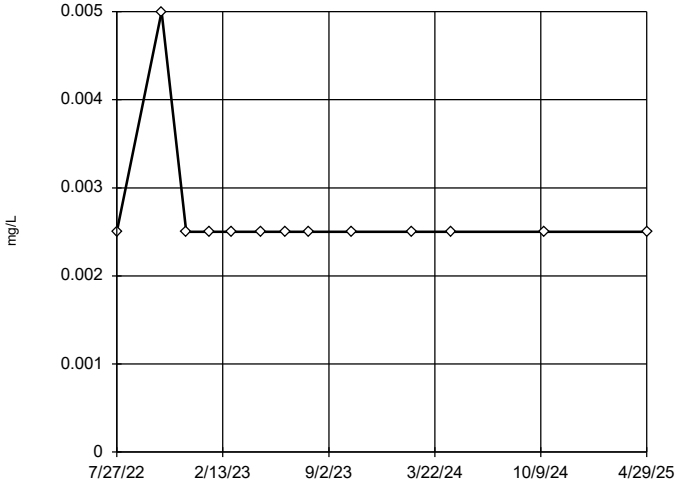
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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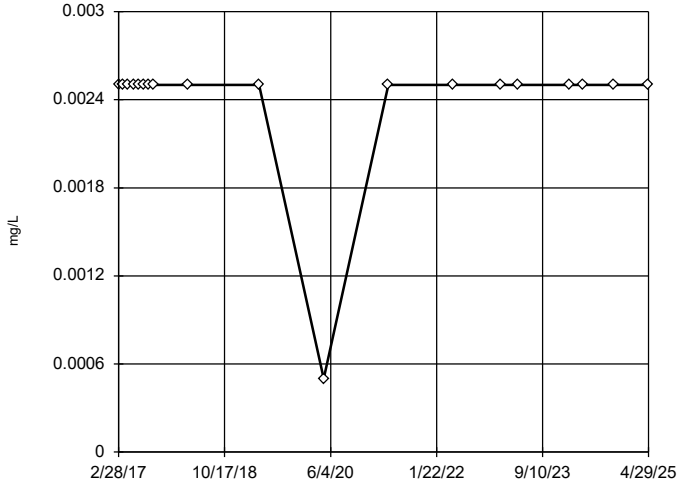
Tukey's Outlier Screening

MW-U1 (bg)



n = 19

No outliers found. Tukey's method selected by user.

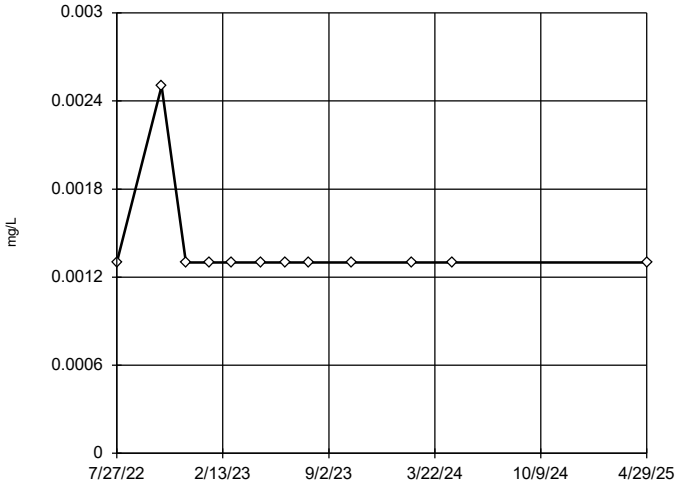
Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Antimony Analysis Run 6/17/2025 9:47 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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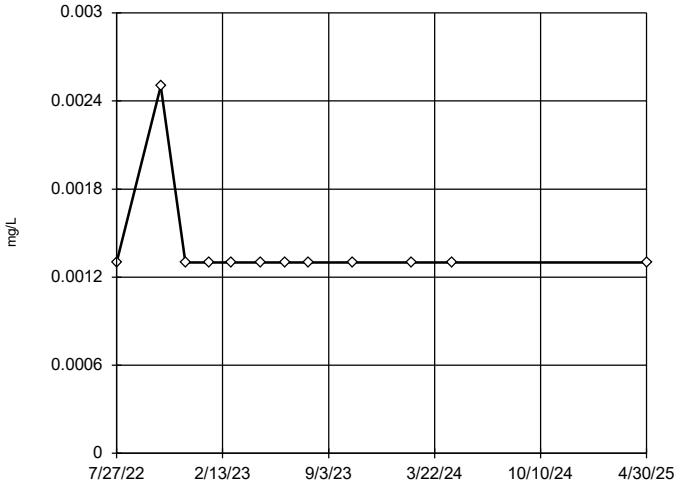
Tukey's Outlier Screening

MW-D5



n = 12

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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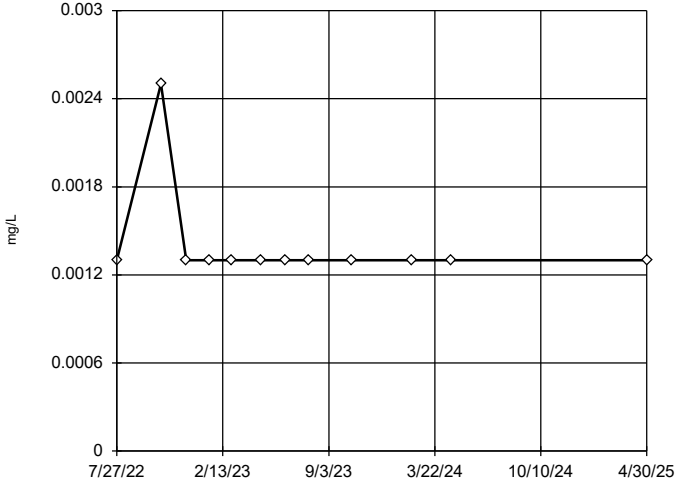
Tukey's Outlier Screening

MW-D6



n = 12

No outliers found. Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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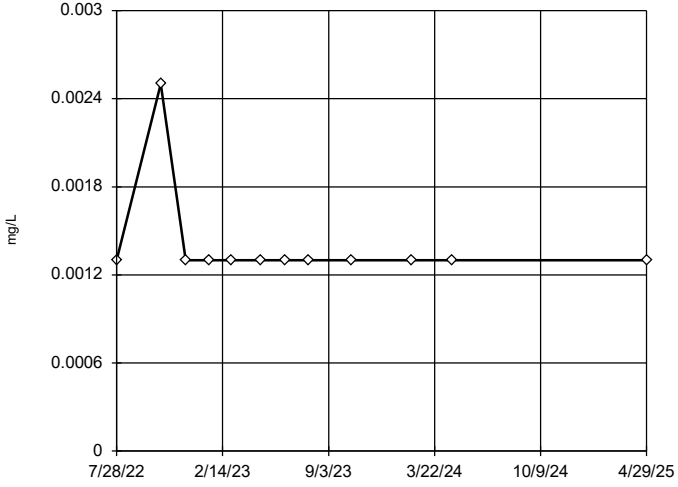
Tukey's Outlier Screening

MW-D7



n = 12

No outliers found. Tukey's method selected by user.

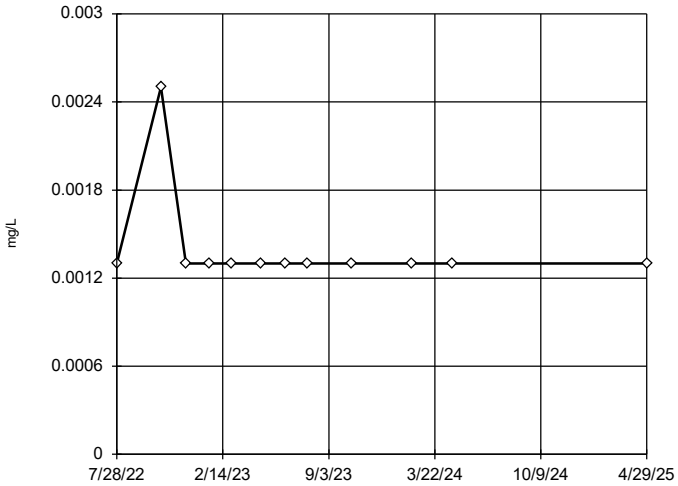
Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found.
Tukey's method selected by user.

Data were cube transformed to achieve best W statistic (graph shown in original units).

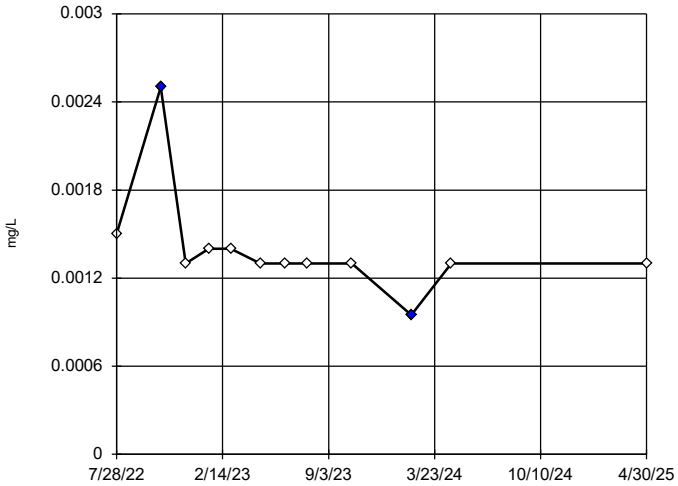
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D9



n = 12

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001749, low cutoff = 0.001041, based on IQR multiplier of 3.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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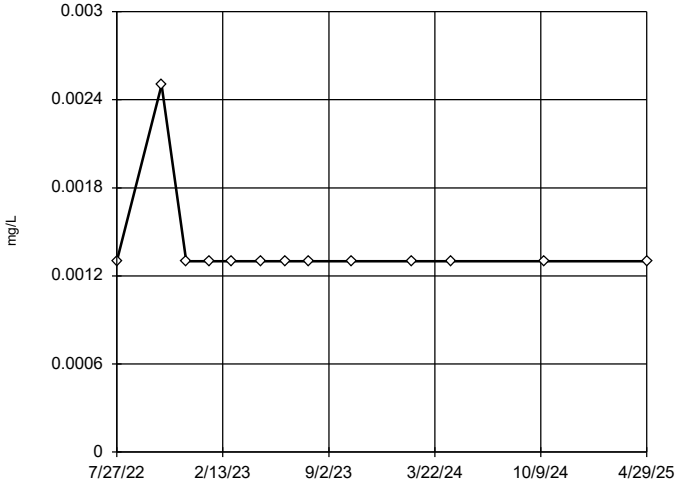
Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

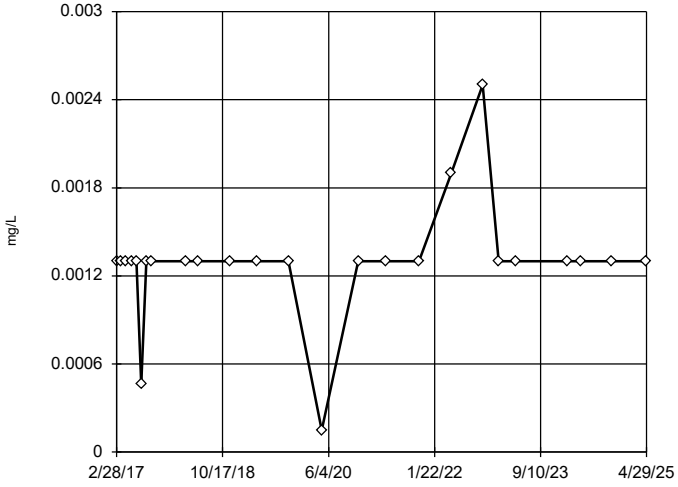
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U1 (bg)



n = 25

No outliers found.
Tukey's method selected by user.

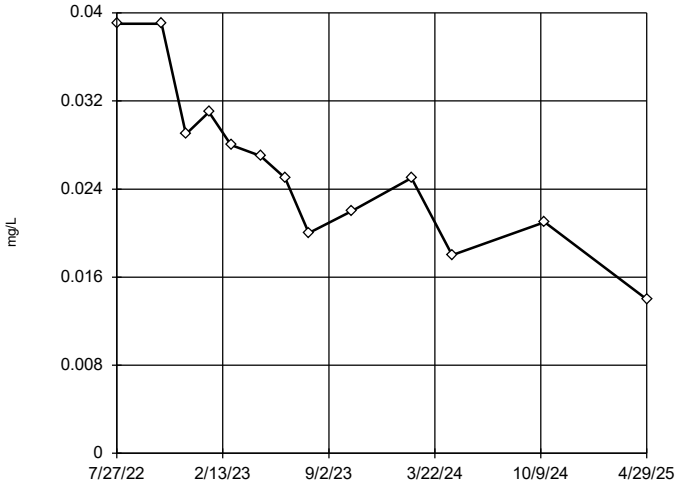
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Arsenic Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 13

No outliers found.
Tukey's method selected by user.

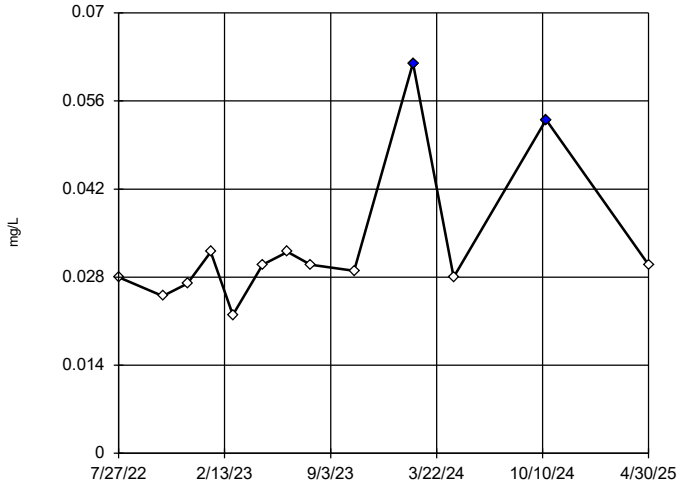
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.07501, low cutoff = 0.0043, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D5



n = 13

Outliers are drawn as solid.
Tukey's method selected by user.

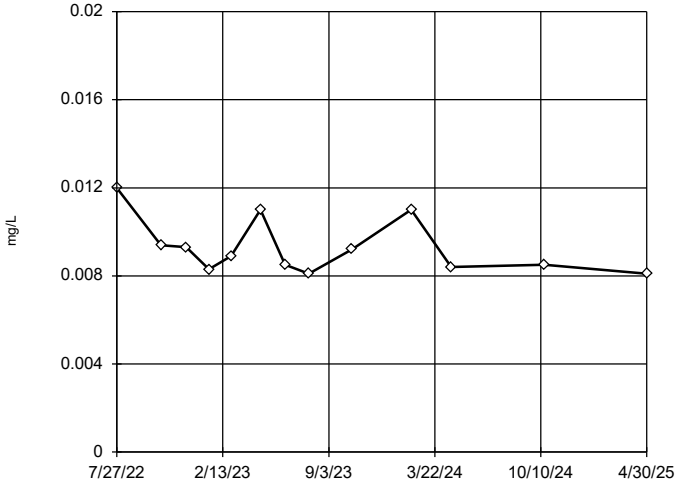
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.05044, low cutoff = 0.01744, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D6



n = 13

No outliers found.
Tukey's method selected by user.

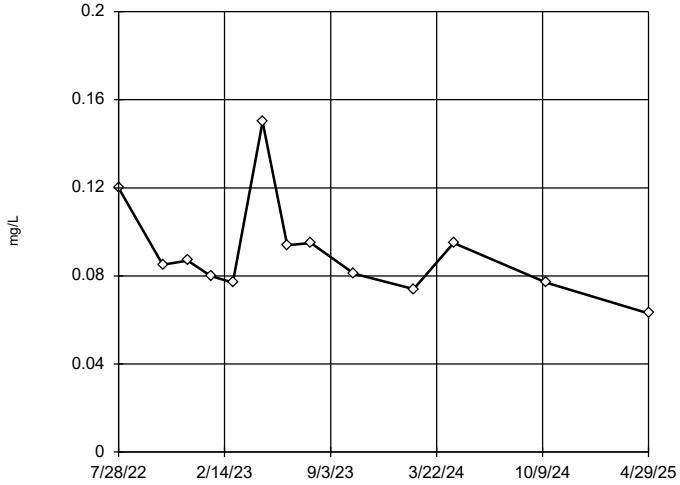
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01837, low cutoff = 0.004623, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D7



n = 13

No outliers found.
Tukey's method selected by user.

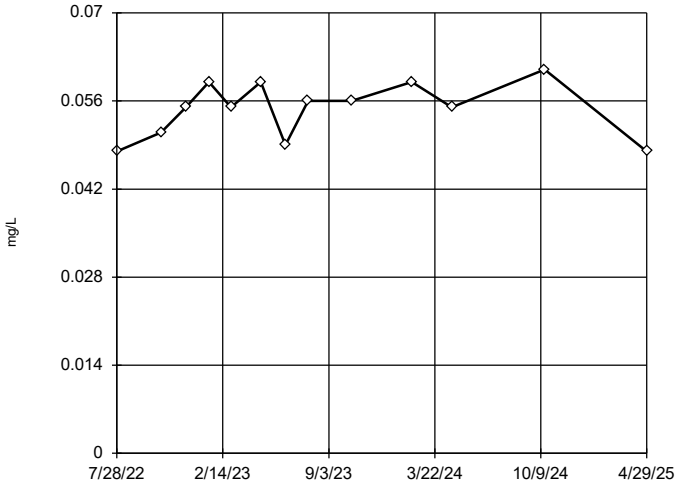
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1784, low cutoff = 0.041, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 13

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.07038, low cutoff = -0.06319, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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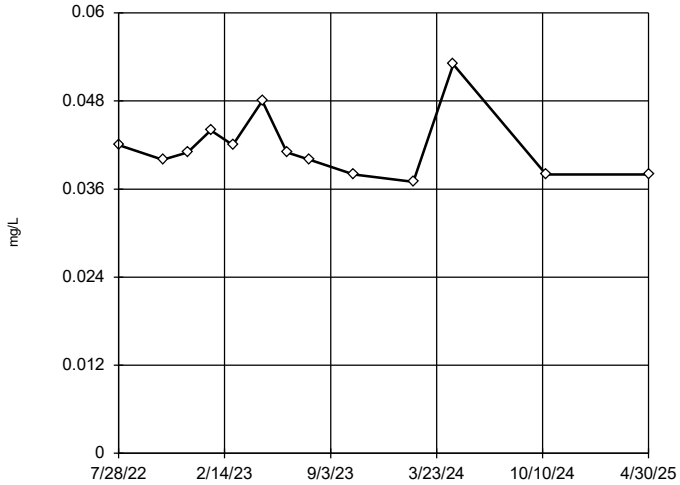
Tukey's Outlier Screening

MW-D9



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.06224, low cutoff = 0.02625, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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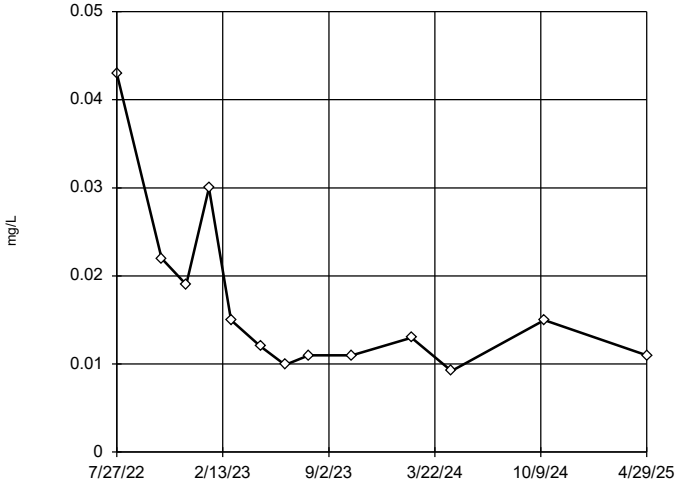
Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1313, low cutoff = 0.001713, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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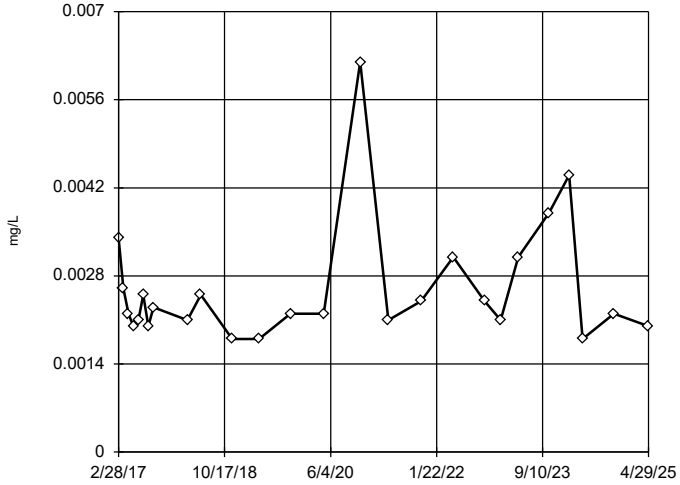
Tukey's Outlier Screening

MW-U1 (bg)



n = 26

No outliers found. Tukey's method selected by user.

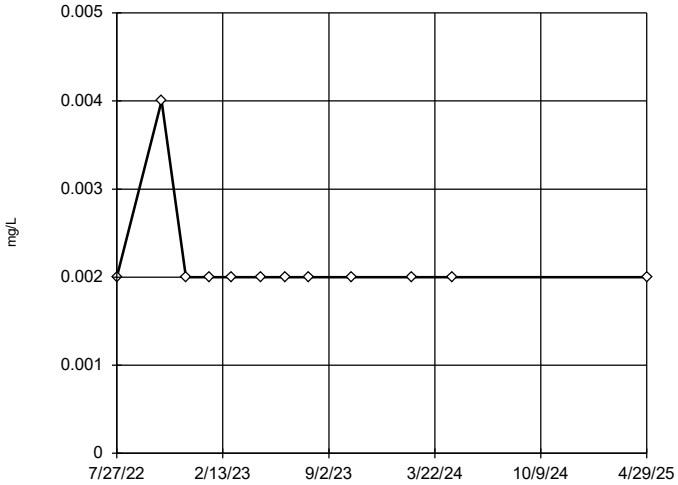
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.007547, low cutoff = 0.0007709, based on IQR multiplier of 3.

Constituent: Barium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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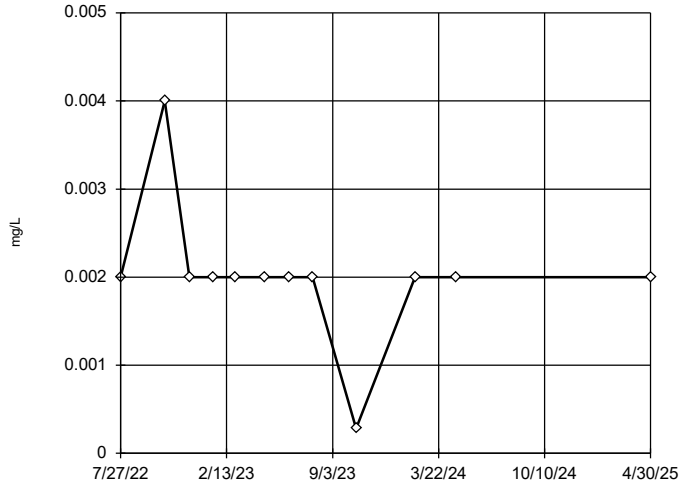
Tukey's Outlier Screening

MW-D5



n = 12

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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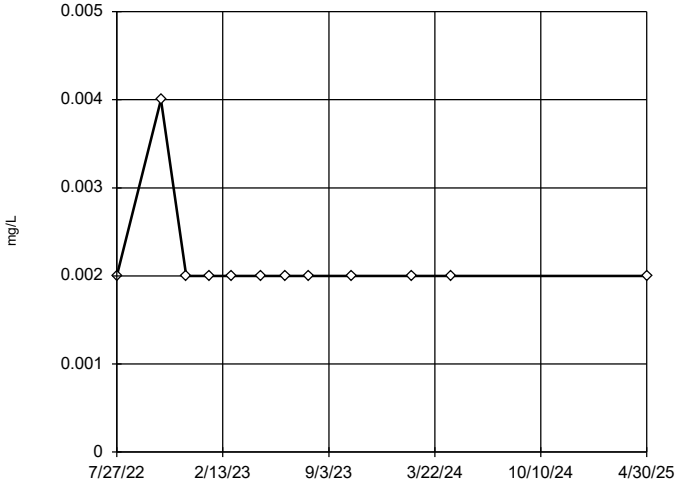
Tukey's Outlier Screening

MW-D6



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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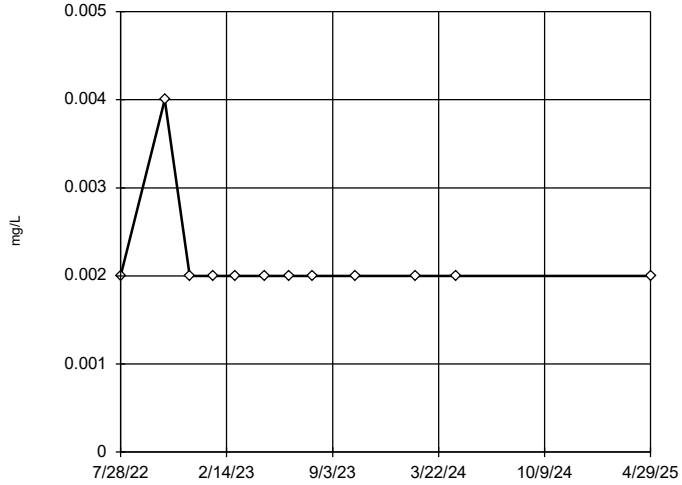
Tukey's Outlier Screening

MW-D7



n = 12

No outliers found. Tukey's method selected by user.

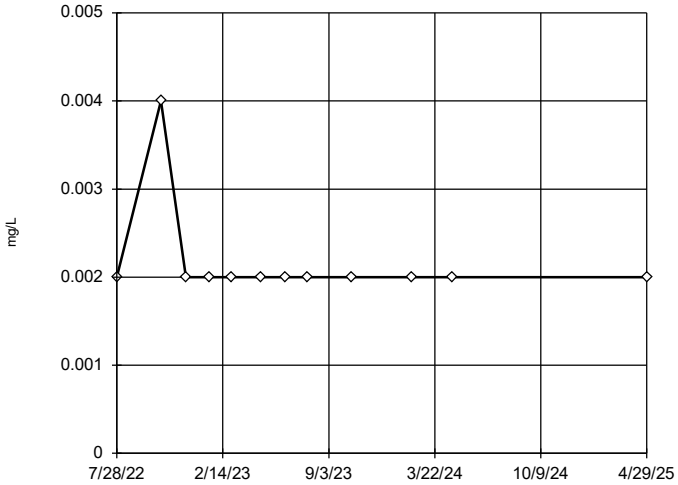
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:48 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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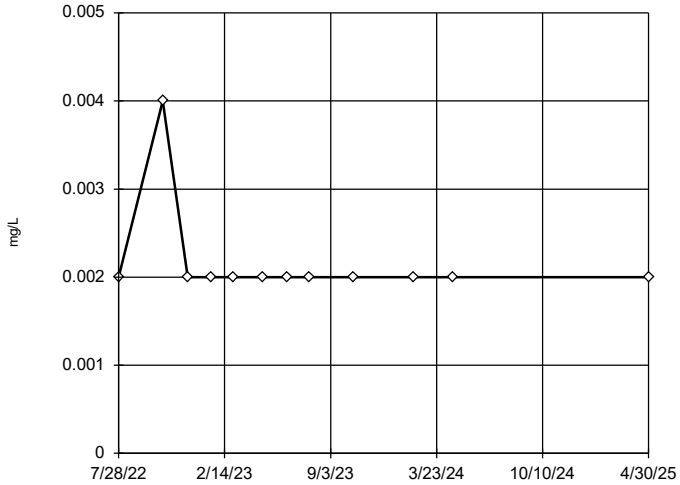
Tukey's Outlier Screening

MW-D9



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

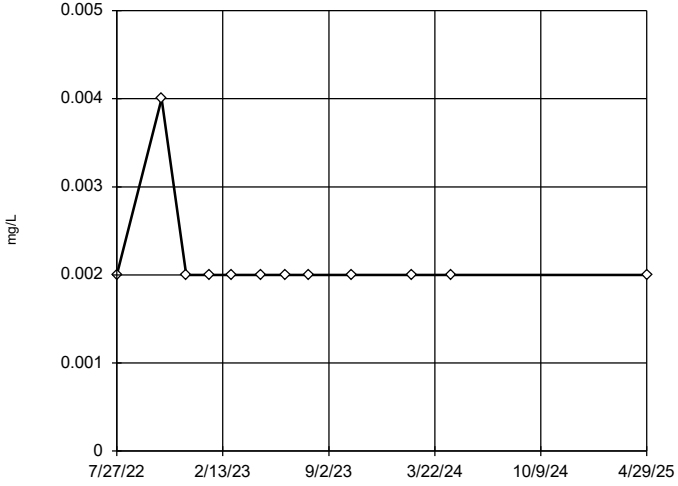
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U2 (bg)



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

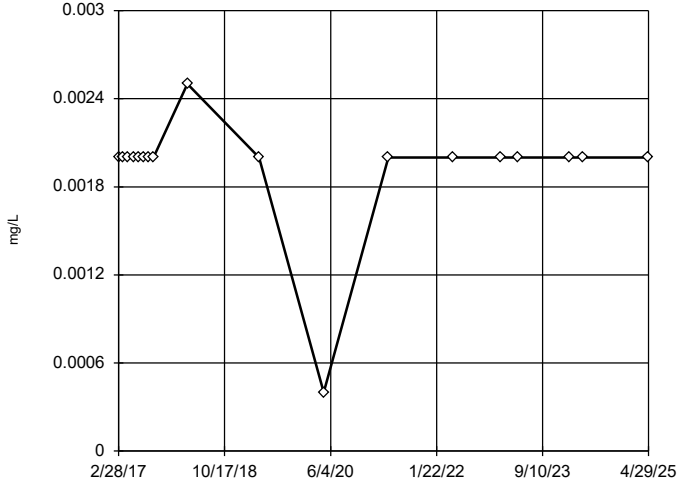
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U1 (bg)



n = 18

No outliers found. Tukey's method selected by user.

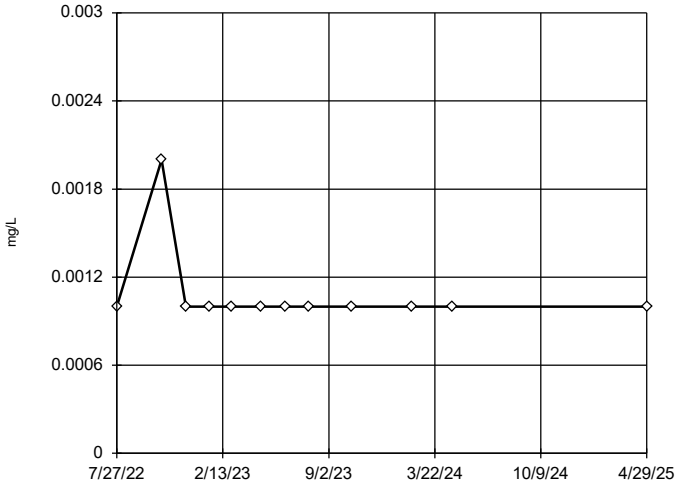
Data were cube transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Beryllium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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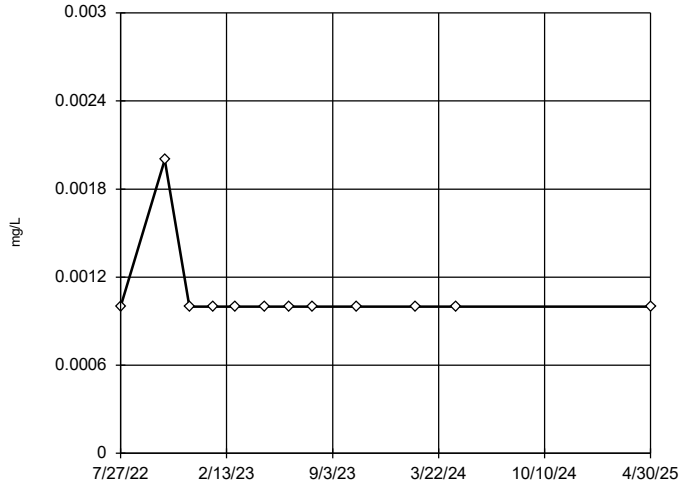
Tukey's Outlier Screening

MW-D5



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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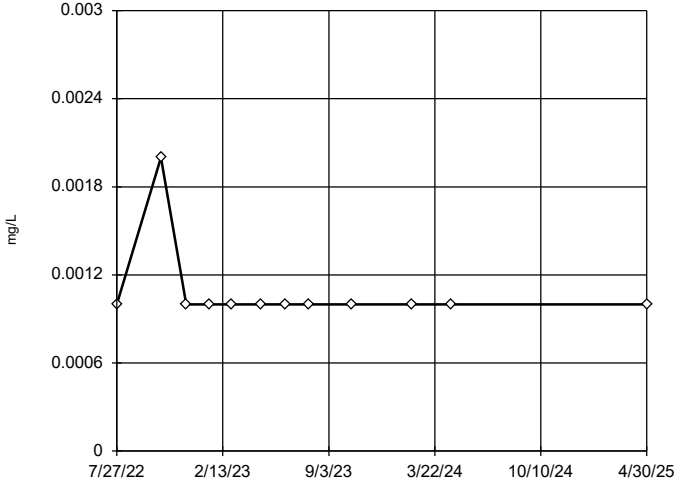
Tukey's Outlier Screening

MW-D6



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

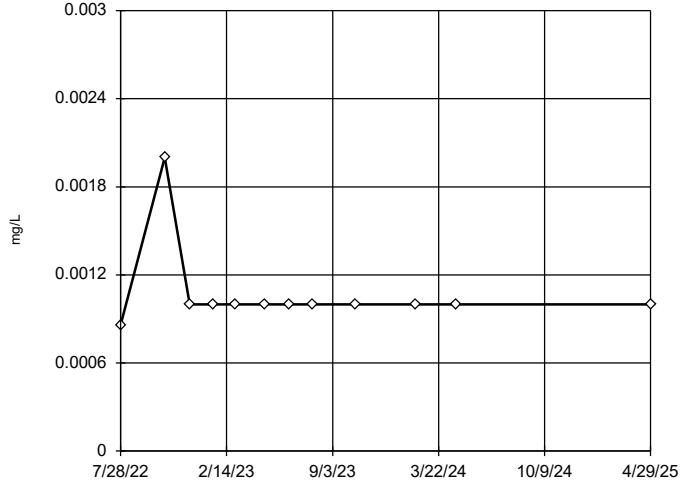
Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D7



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

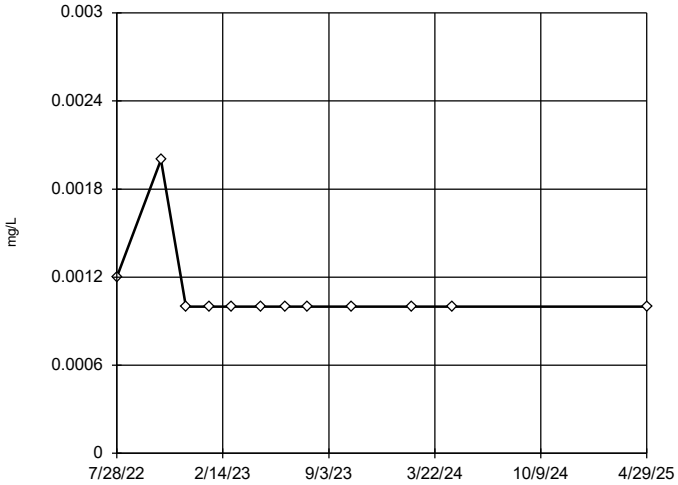
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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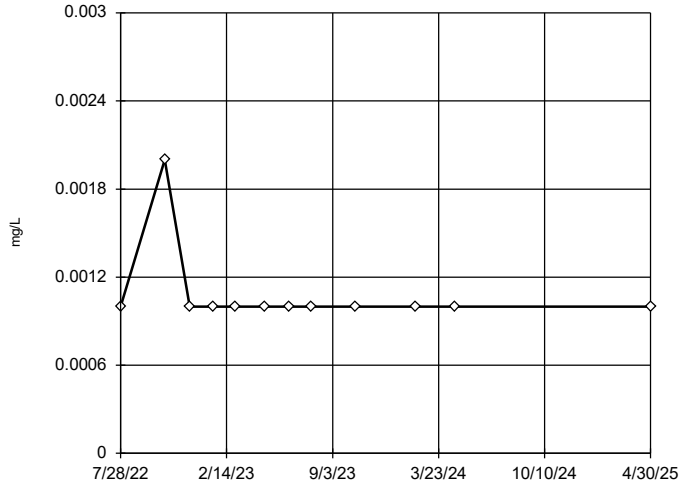
Tukey's Outlier Screening

MW-D9



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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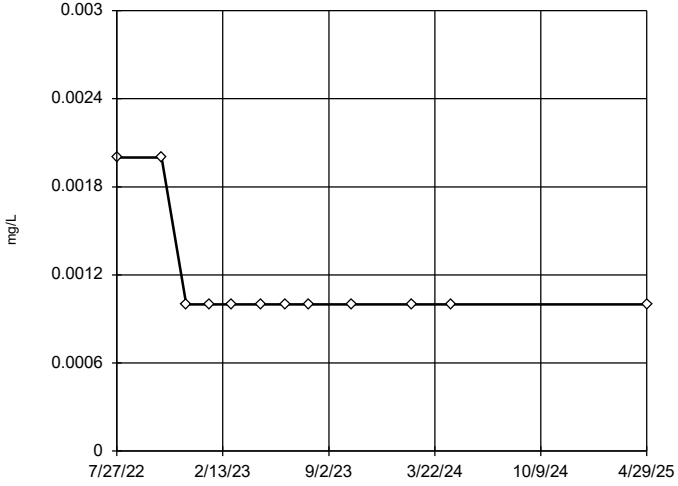
Tukey's Outlier Screening

MW-U2 (bg)



n = 12

No outliers found. Tukey's method selected by user.

Data were x^6 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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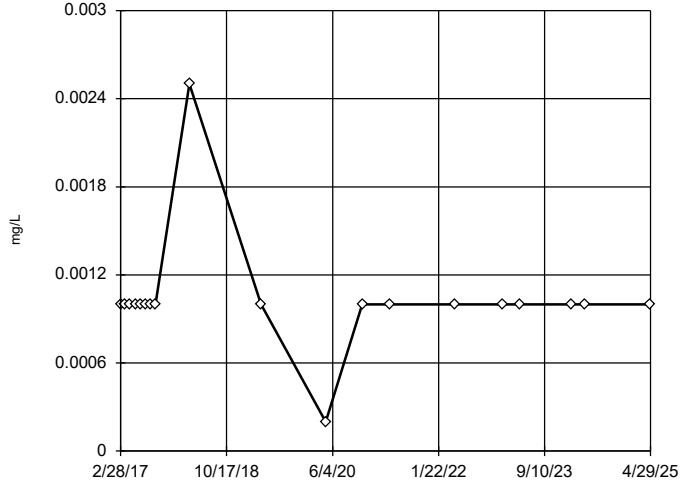
Tukey's Outlier Screening

MW-U1 (bg)



n = 19

No outliers found. Tukey's method selected by user.

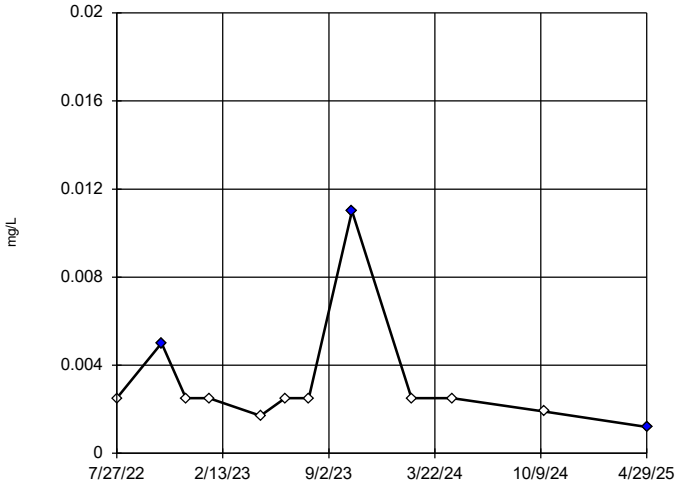
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cadmium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.003773, low cutoff = 0.001444, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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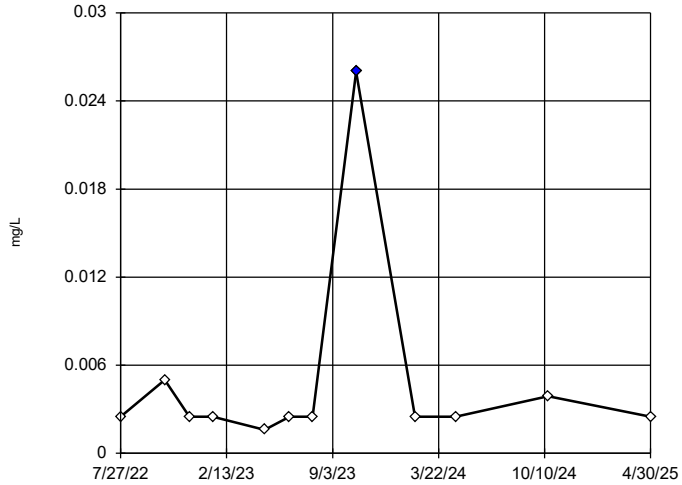
Tukey's Outlier Screening

MW-D5



n = 12

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.006084, low cutoff = 0.001283, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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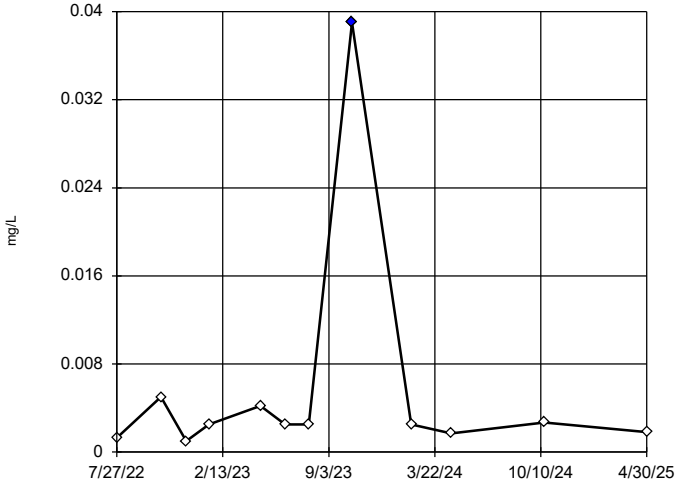
Tukey's Outlier Screening

MW-D6



n = 12

Outlier is drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.02402, low cutoff = 0.0002452, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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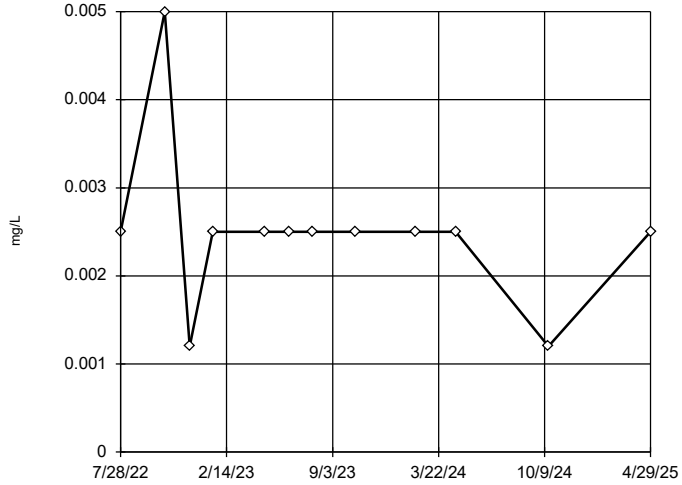
Tukey's Outlier Screening

MW-D7



n = 12

No outliers found.
Tukey's method selected by user.

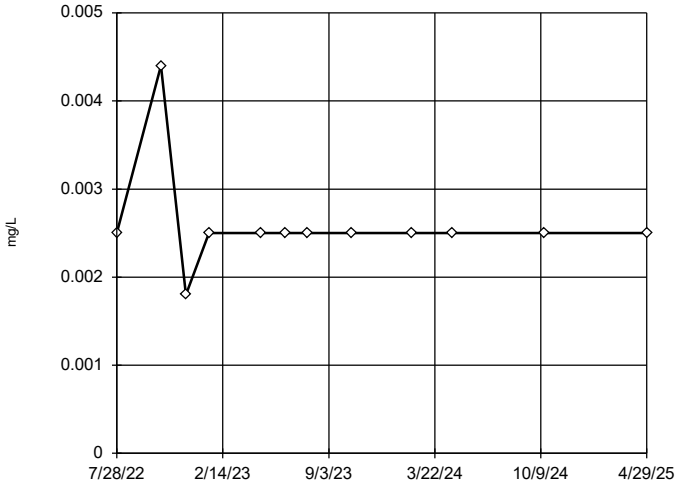
Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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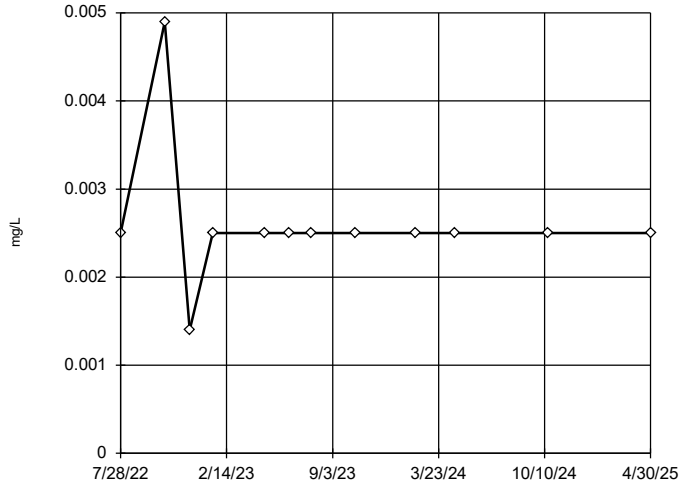
Tukey's Outlier Screening

MW-D9



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Chromium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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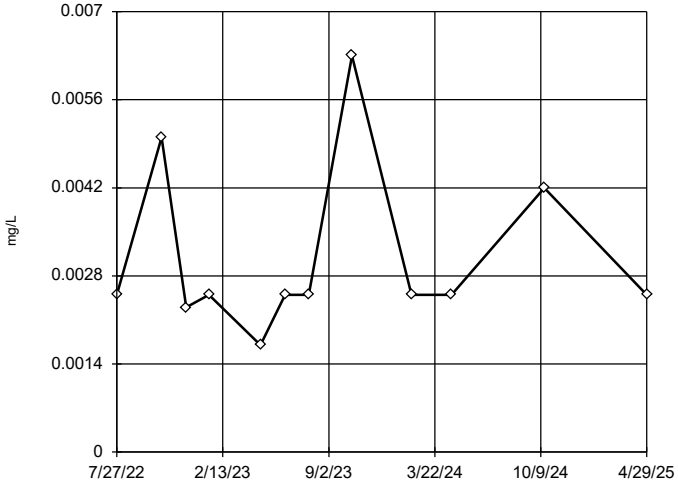
Tukey's Outlier Screening

MW-U2 (bg)



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.007056, low cutoff = 0.001148, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 6/17/2025 9:49 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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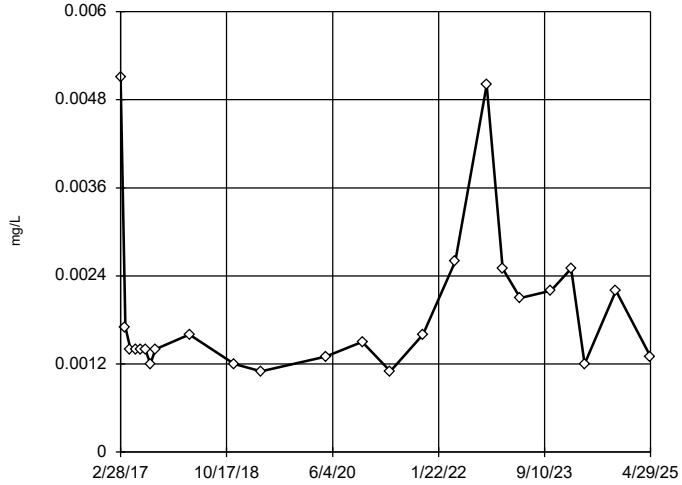
Tukey's Outlier Screening

MW-U1 (bg)



n = 24

No outliers found. Tukey's method selected by user.

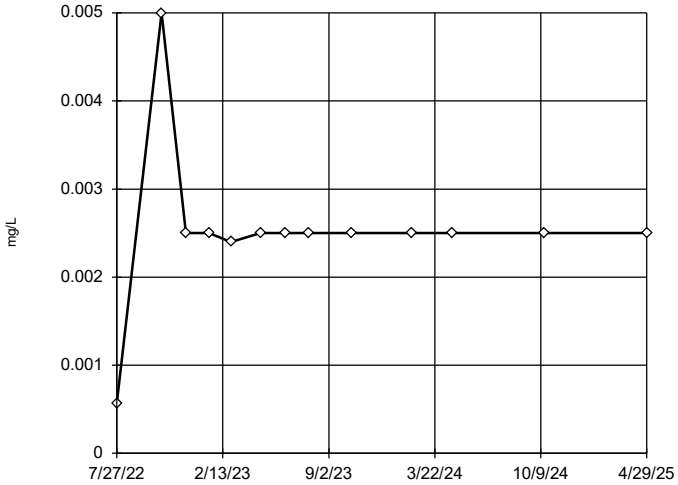
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01066, low cutoff = 0.0002682, based on IQR multiplier of 3.

Constituent: Chromium Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 13

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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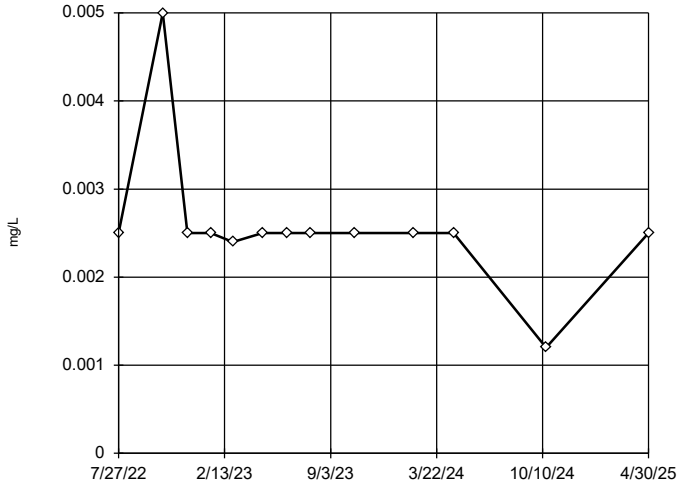
Tukey's Outlier Screening

MW-D5



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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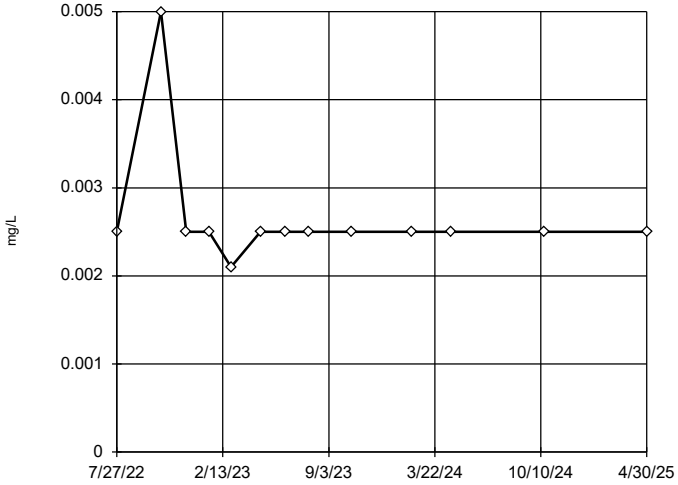
Tukey's Outlier Screening

MW-D6



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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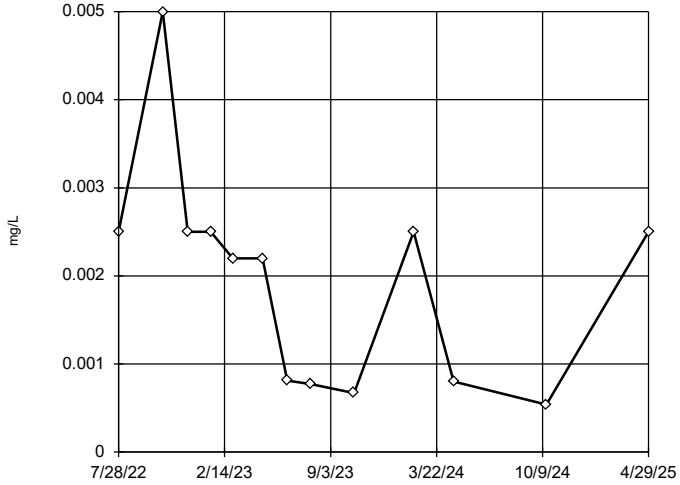
Tukey's Outlier Screening

MW-D7



n = 13

No outliers found. Tukey's method selected by user.

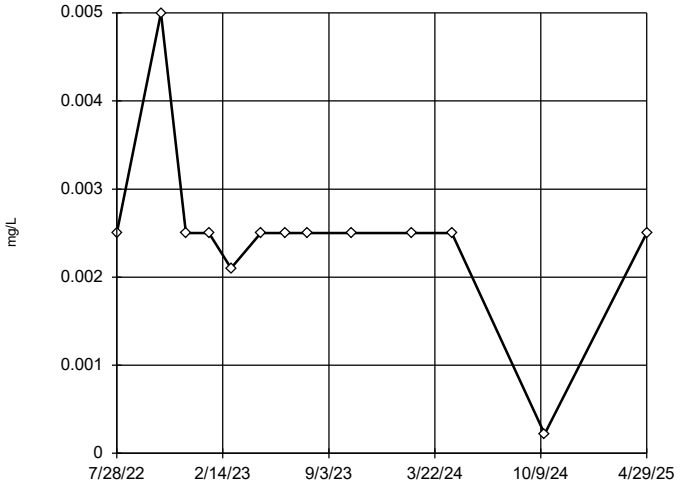
Data were cube root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01885, low cutoff = -0.00005568, based on IQR multiplier of 3.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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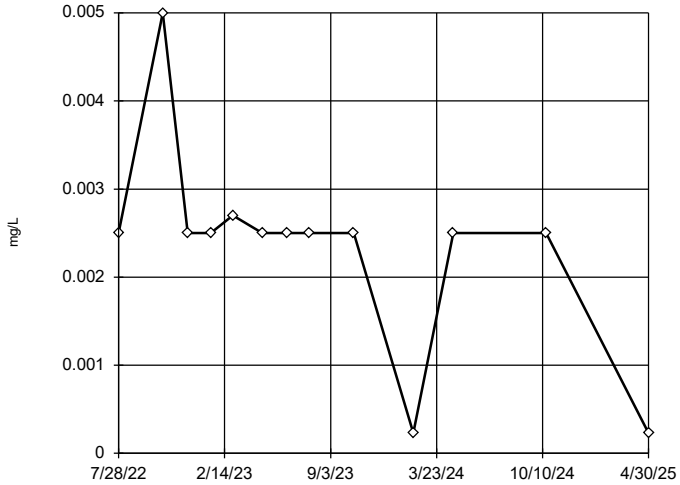
Tukey's Outlier Screening

MW-D9



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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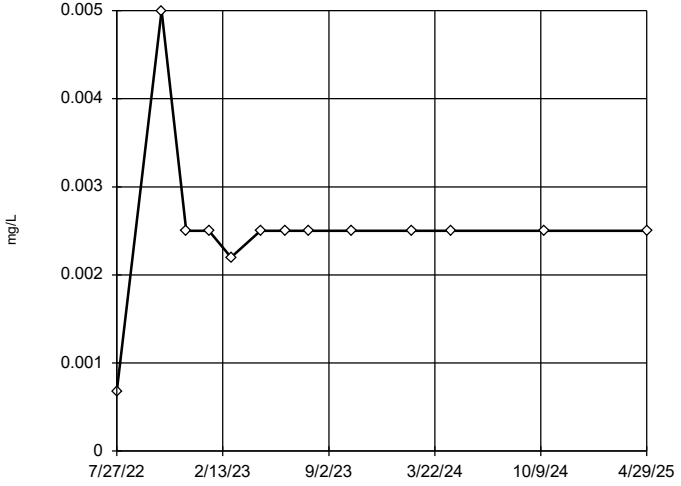
Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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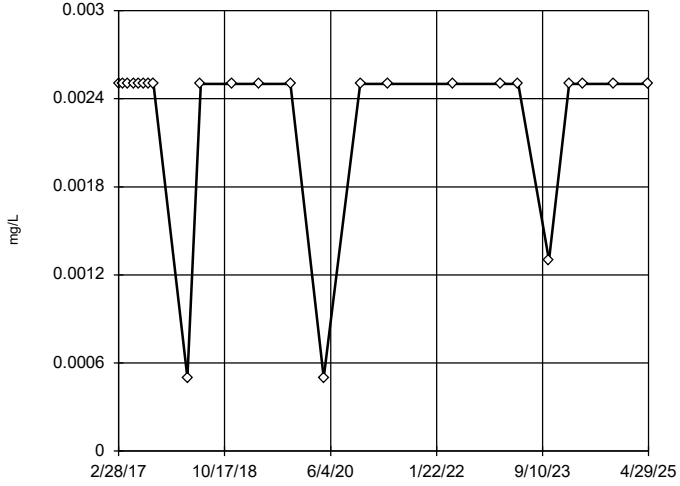
Tukey's Outlier Screening

MW-U1 (bg)



n = 24

No outliers found. Tukey's method selected by user.

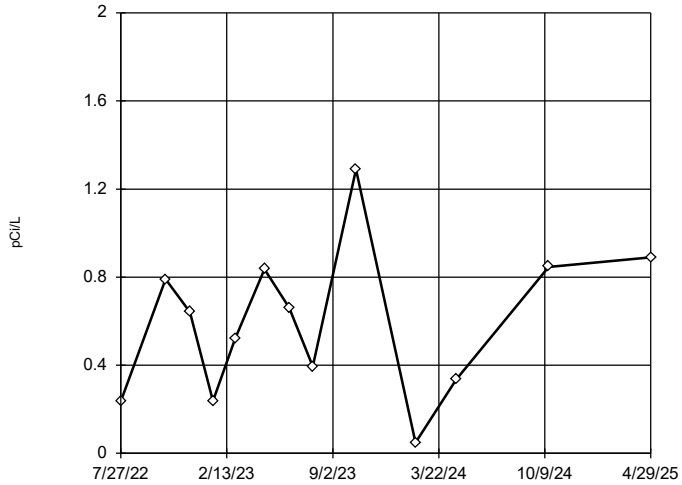
Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Cobalt Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 2.508, low cutoff = -1.381, based on IQR multiplier of 3.

Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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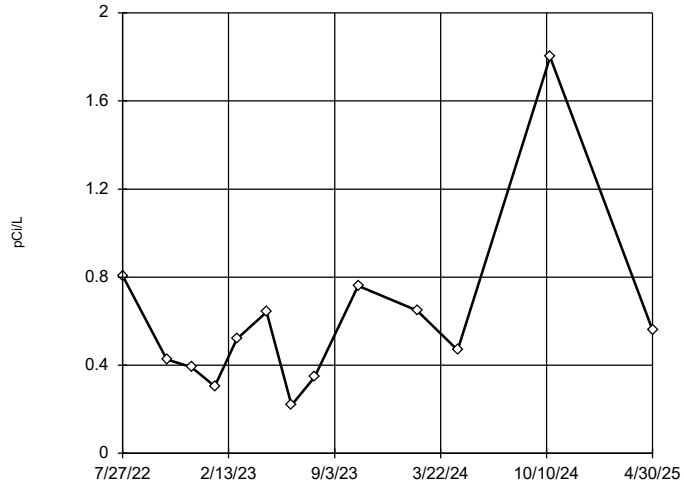
Tukey's Outlier Screening

MW-D5



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 4.883, low cutoff = 0.053, based on IQR multiplier of 3.

Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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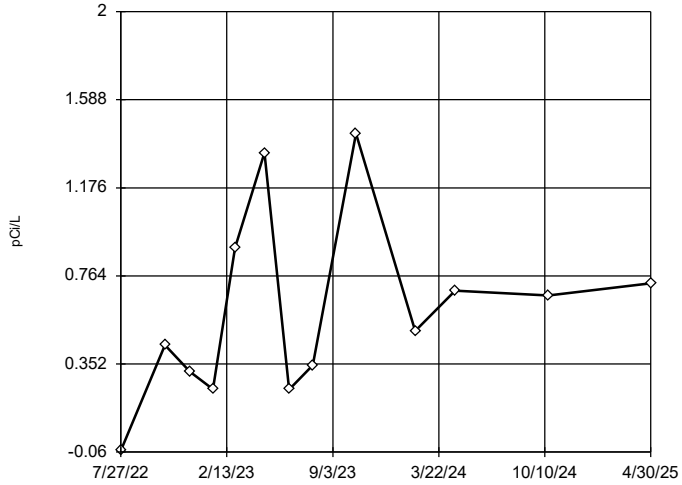
Tukey's Outlier Screening

MW-D6



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 2.426, low cutoff = -1.339, based on IQR multiplier of 3.

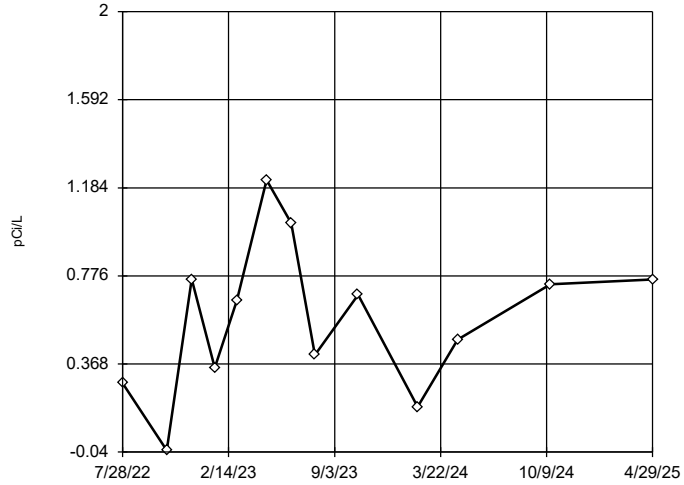
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D7



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

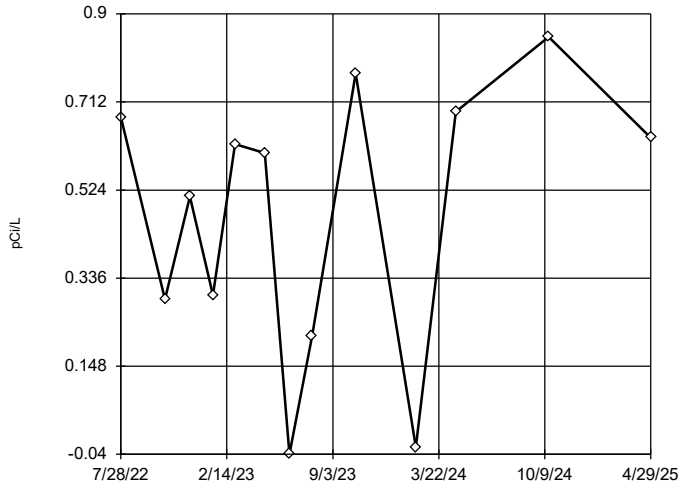
High cutoff = 2.098, low cutoff = -1.023, based on IQR multiplier of 3.

Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 13

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

High cutoff = 1.298, low cutoff = -1.072, based on IQR multiplier of 3.

Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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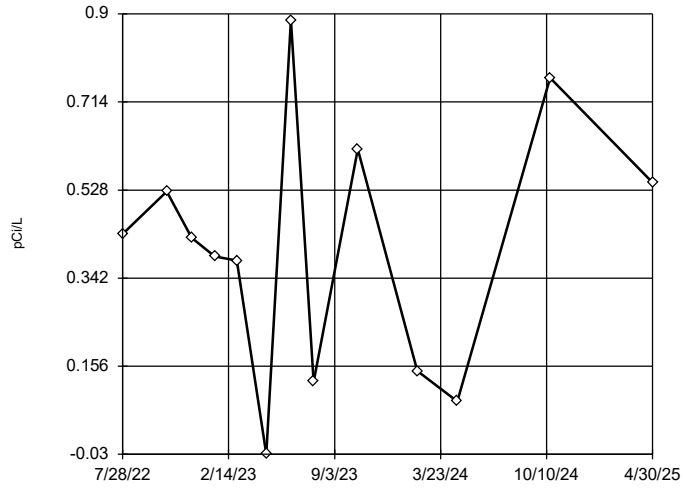
Tukey's Outlier Screening

MW-D9



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 1.913, low cutoff = -1.199, based on IQR multiplier of 3.

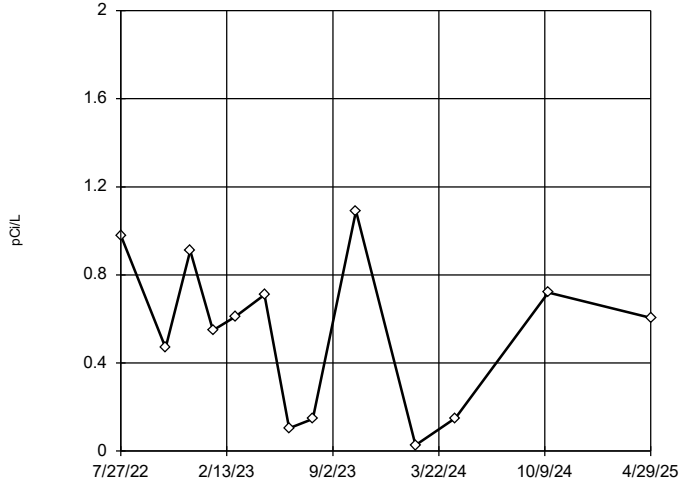
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 2.816, low cutoff = -1.853, based on IQR multiplier of 3.

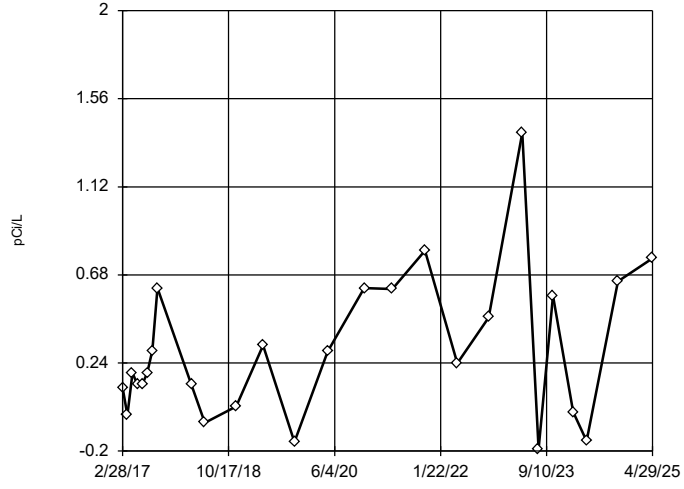
Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U1 (bg)



n = 26

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

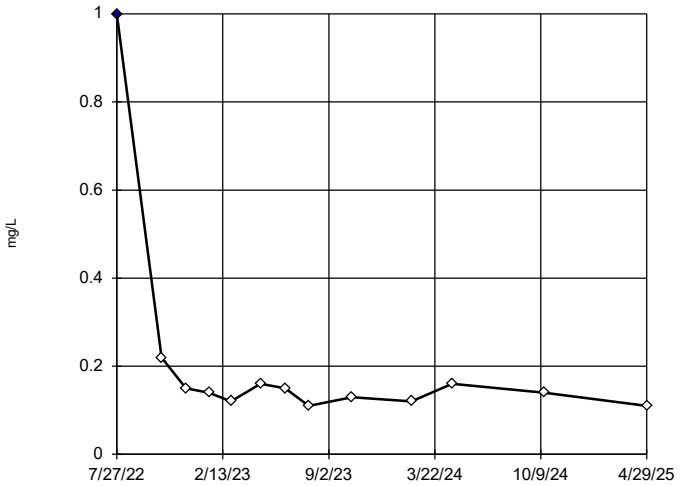
High cutoff = 2.418, low cutoff = -1.798, based on IQR multiplier of 3.

Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 9:50 AM View: CCPC - Former Secon

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 13

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.3793, low cutoff = 0.05063, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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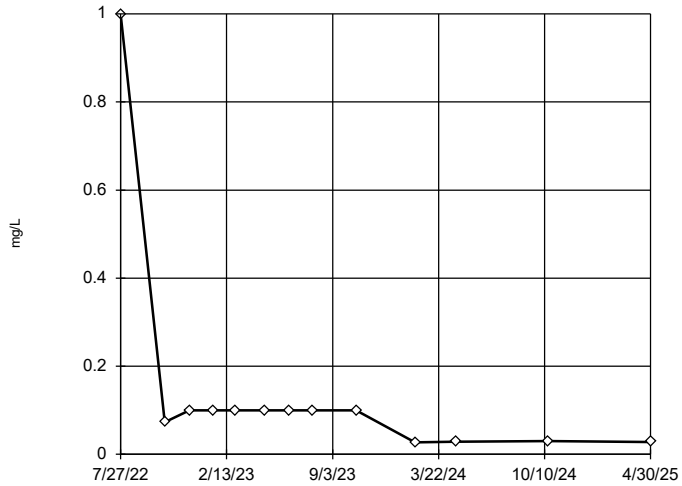
Tukey's Outlier Screening

MW-D5



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 3.897, low cutoff = 0.0007569, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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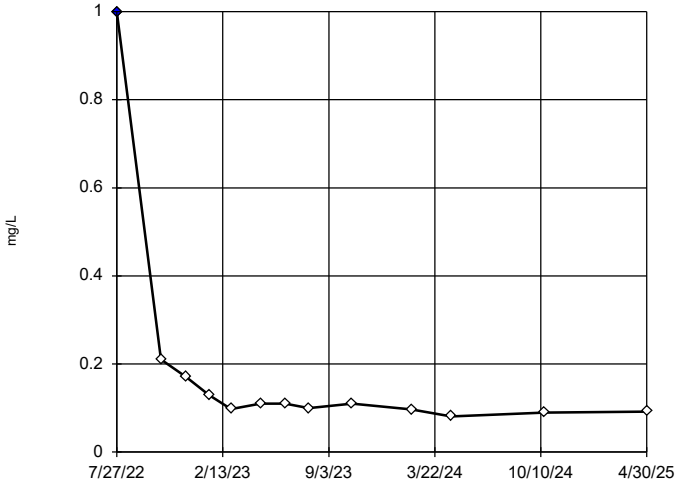
Tukey's Outlier Screening

MW-D6



n = 13

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5794, low cutoff = 0.02424, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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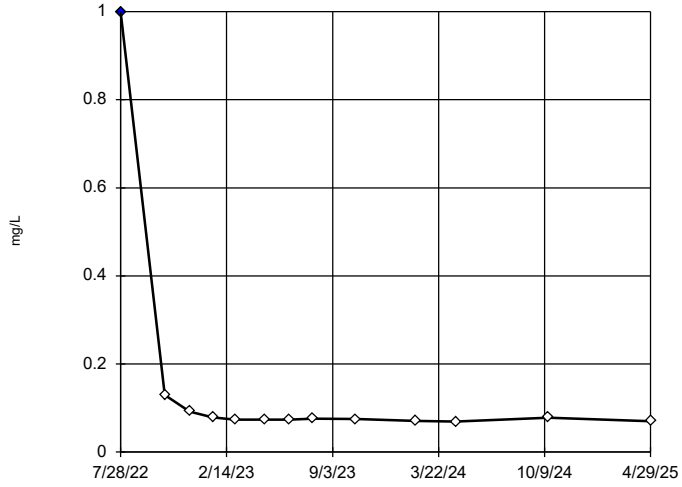
Tukey's Outlier Screening

MW-D7



n = 13

Outlier is drawn as solid. Tukey's method selected by user.

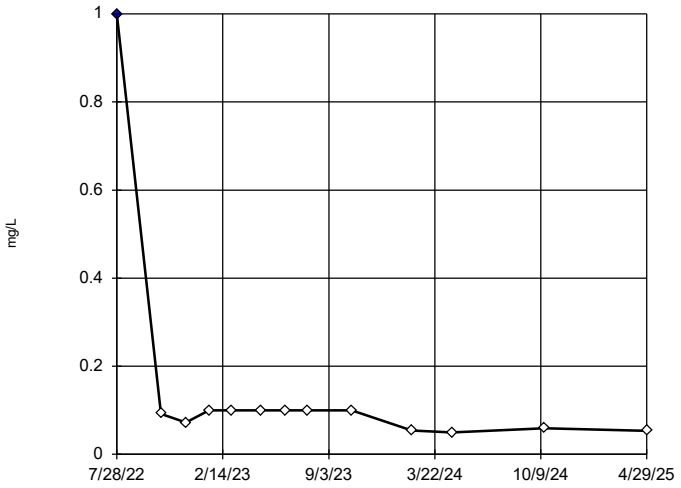
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.1387, low cutoff = 0.04455, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 13

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.5561, low cutoff = 0.01015, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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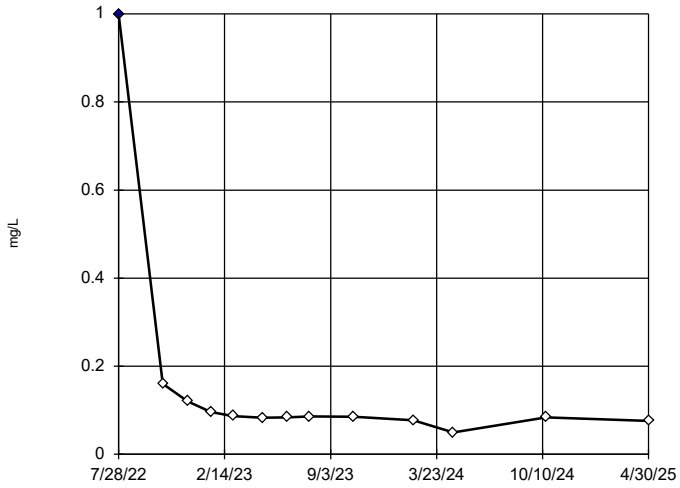
Tukey's Outlier Screening

MW-D9



n = 13

Outlier is drawn as solid. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2597, low cutoff = 0.03303, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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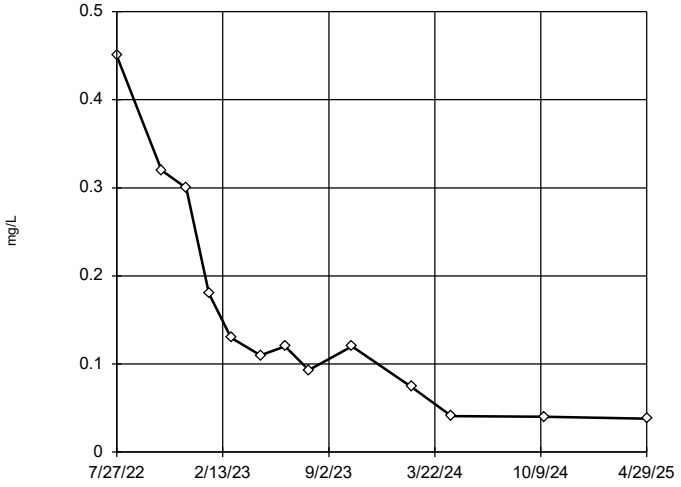
Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 17.45, low cutoff = 0.0007336, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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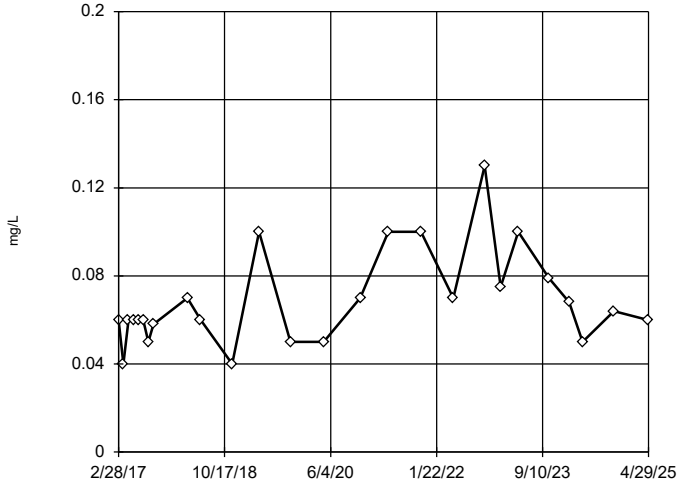
Tukey's Outlier Screening

MW-U1 (bg)



n = 26

No outliers found. Tukey's method selected by user.

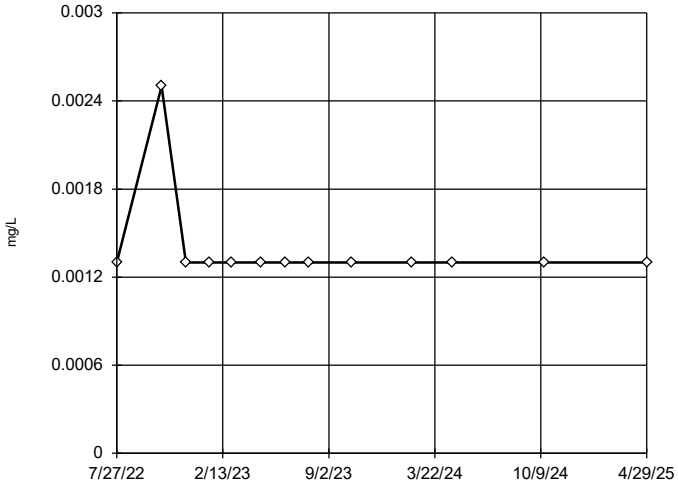
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.2248, low cutoff = 0.01844, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 13

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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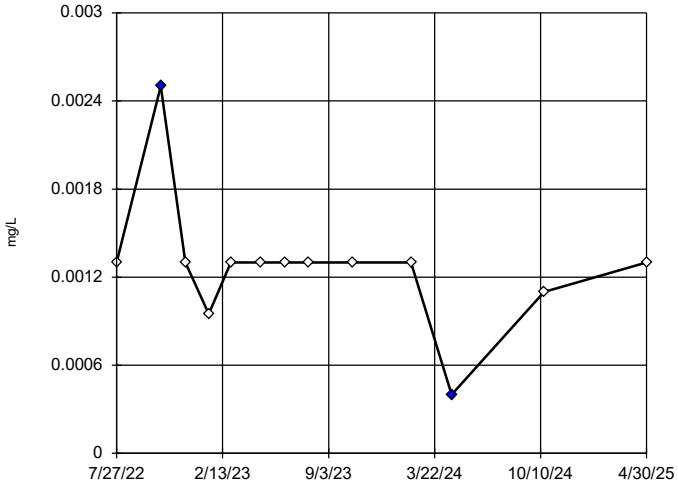
Tukey's Outlier Screening

MW-D5



n = 13

Outliers are drawn as solid.
Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.001631, low cutoff = 0.0009167, based on IQR multiplier of 3.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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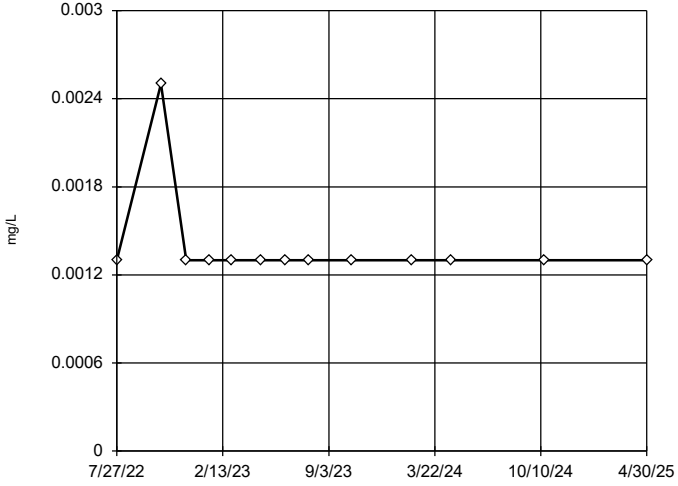
Tukey's Outlier Screening

MW-D6



n = 13

No outliers found.
Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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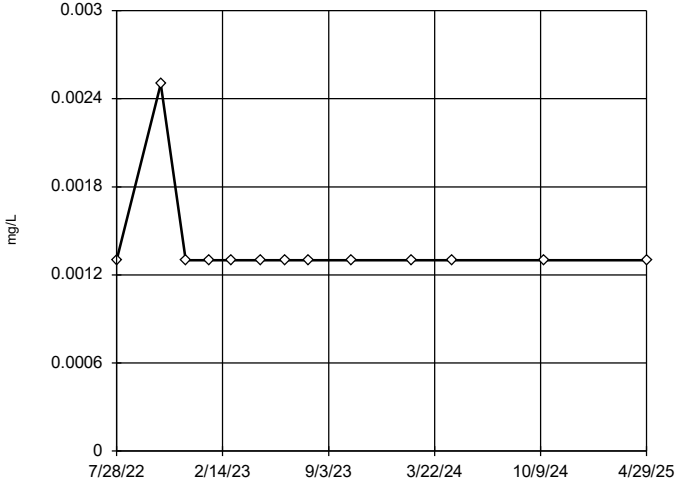
Tukey's Outlier Screening

MW-D7



n = 13

No outliers found.
Tukey's method selected by user.

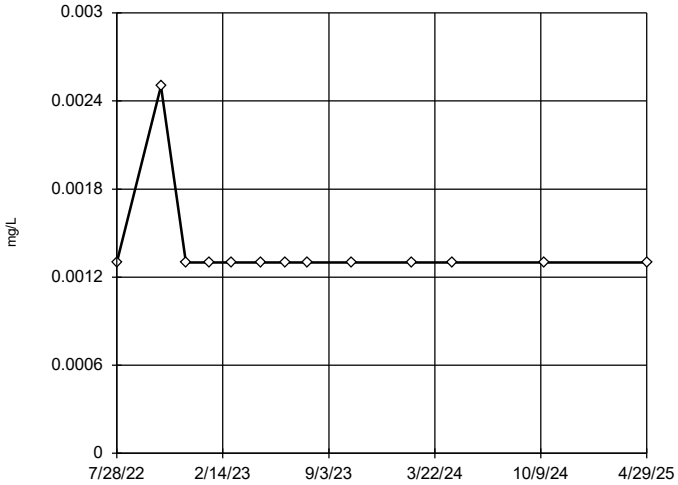
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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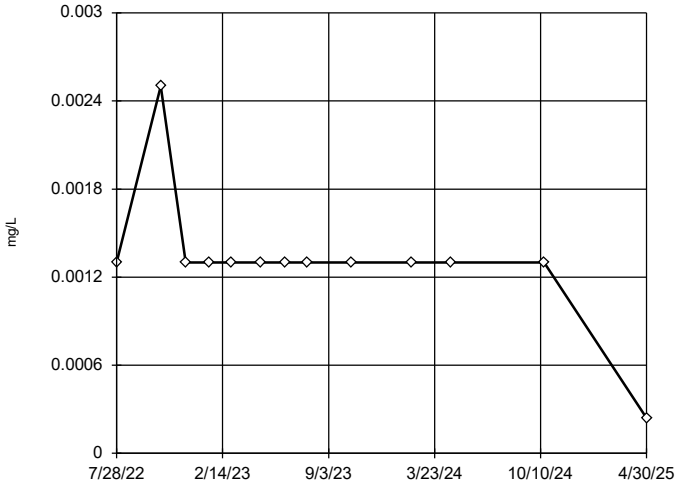
Tukey's Outlier Screening

MW-D9



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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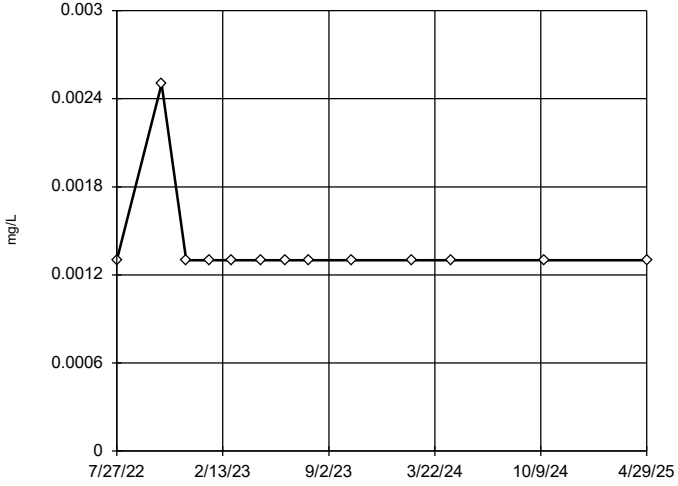
Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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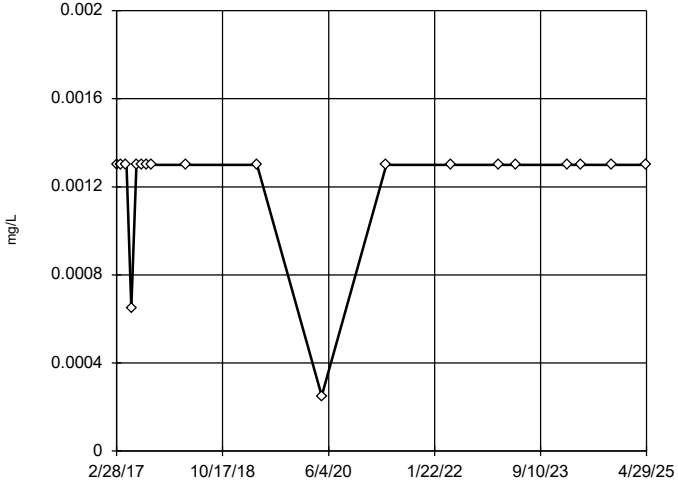
Tukey's Outlier Screening

MW-U1 (bg)



n = 19

No outliers found. Tukey's method selected by user.

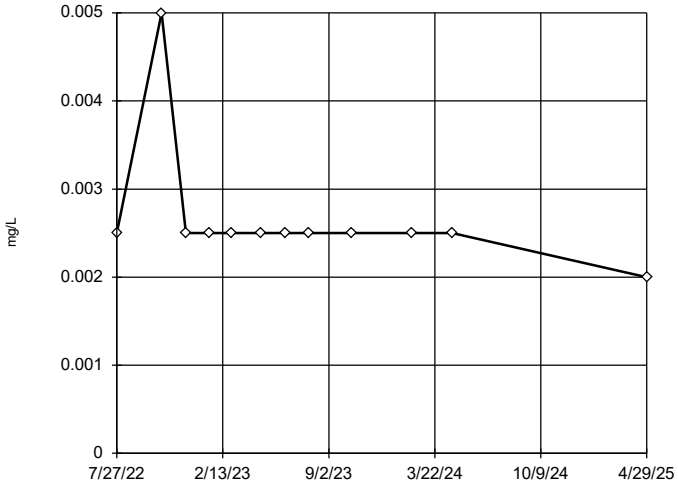
Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lead Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

No outliers found. Tukey's method selected by user.

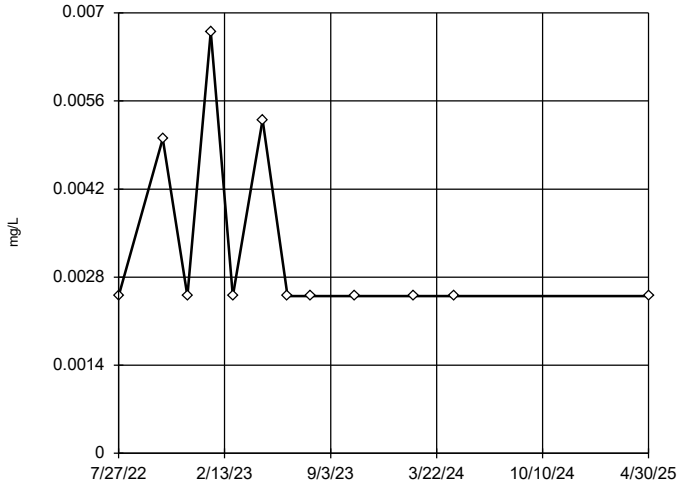
Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lithium Analysis Run 6/17/2025 9:51 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D5



n = 12

No outliers found. Tukey's method selected by user.

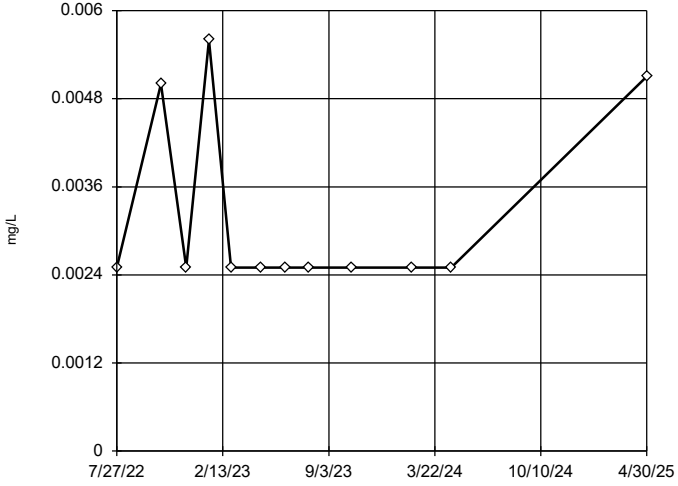
Ladder of Powers transformations did not improve normality; analysis run on raw data.

High cutoff = 0.0075, low cutoff = -0.00125, based on IQR multiplier of 3.

Constituent: Lithium Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D6



n = 12

No outliers found. Tukey's method selected by user.

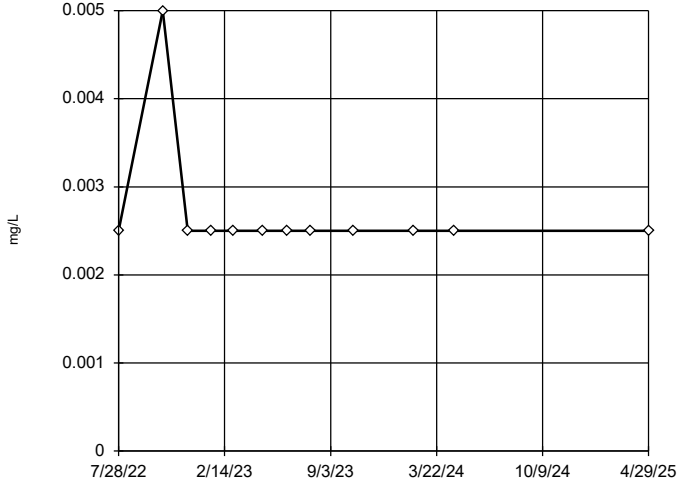
Data were x^5 transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005725, low cutoff = -0.005365, based on IQR multiplier of 3.

Constituent: Lithium Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D7



n = 12

No outliers found. Tukey's method selected by user.

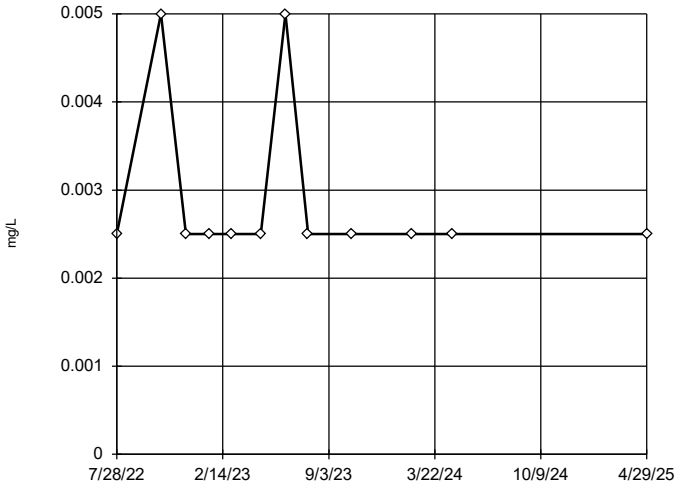
Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lithium Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found. Tukey's method selected by user.

Data were square transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lithium Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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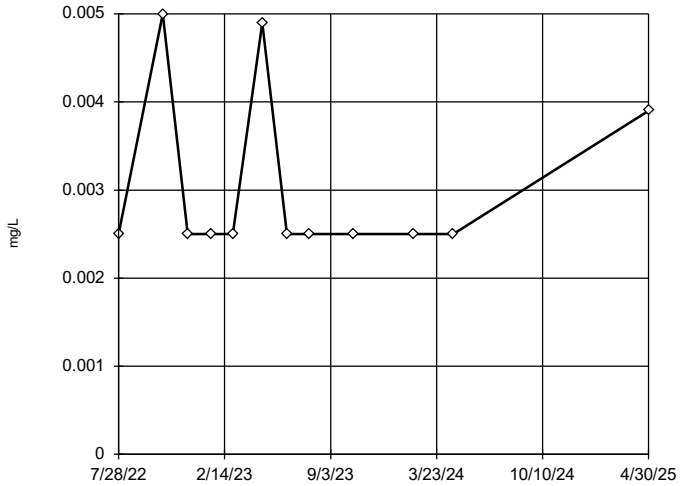
Tukey's Outlier Screening

MW-D9



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.00561, low cutoff = 0.0009813, based on IQR multiplier of 3.

Constituent: Lithium Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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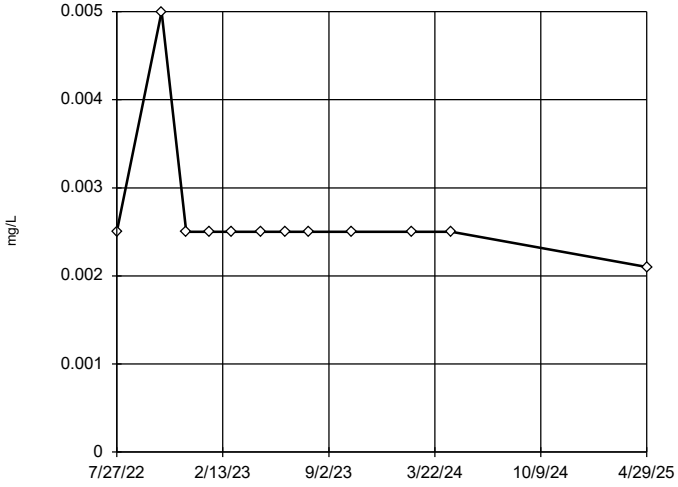
Tukey's Outlier Screening

MW-U2 (bg)



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lithium Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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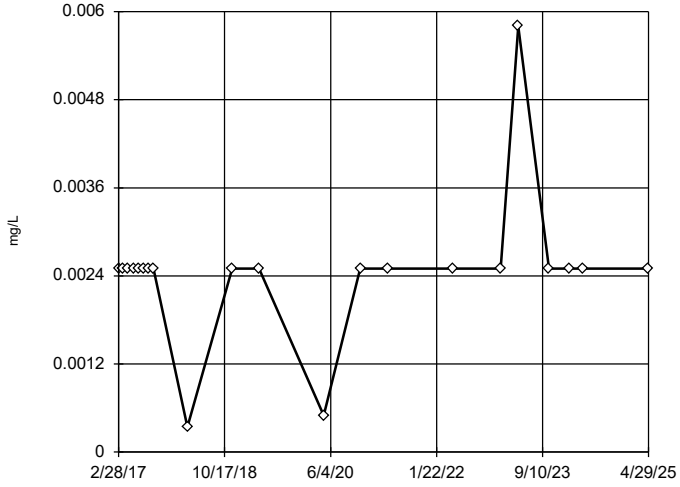
Tukey's Outlier Screening

MW-U1 (bg)



n = 21

No outliers found. Tukey's method selected by user.

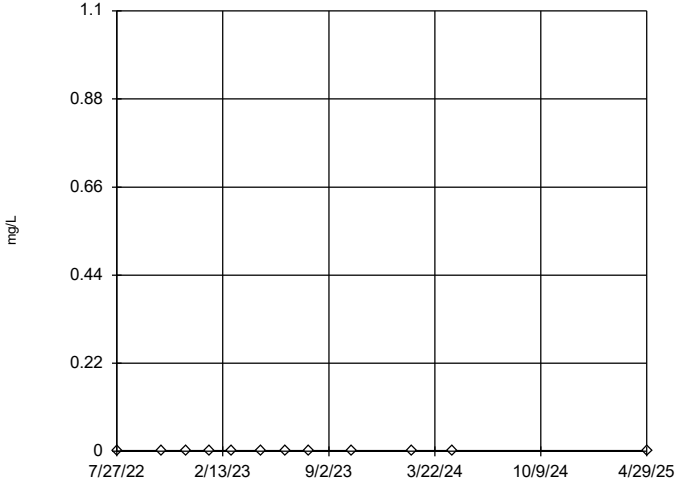
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Lithium Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

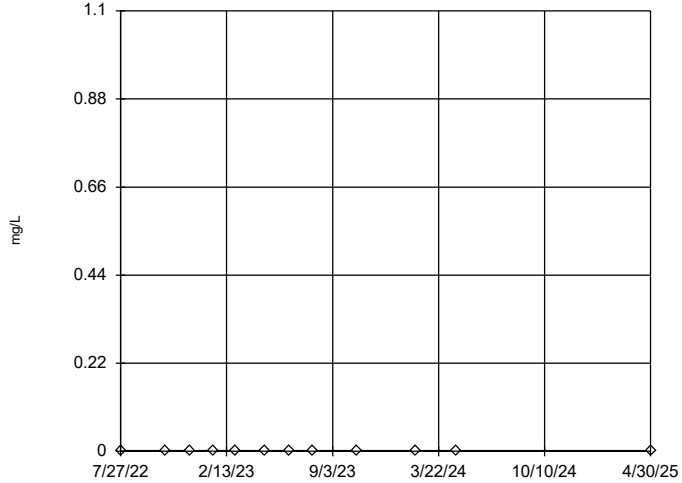
Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D5



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

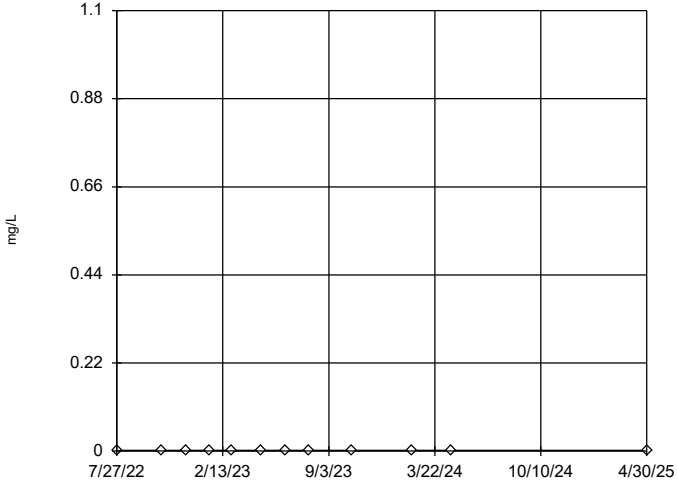
Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D6



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

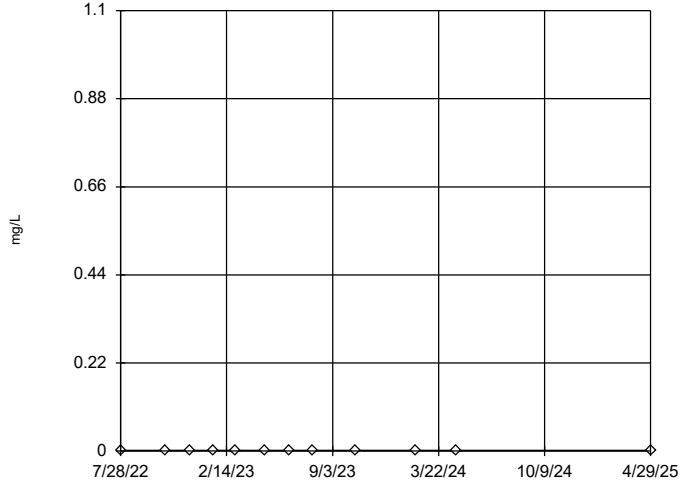
Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D7



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

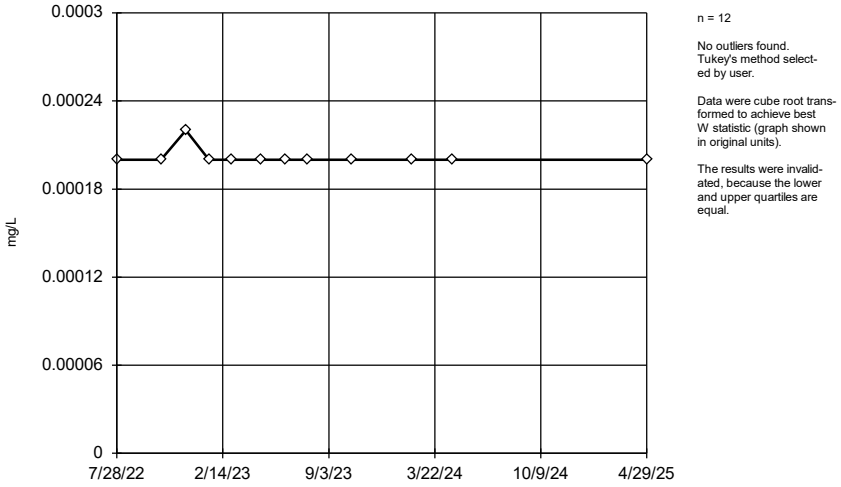
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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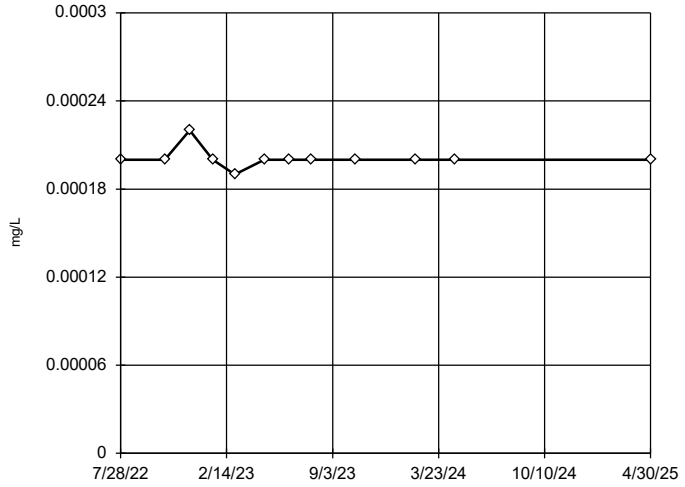
Tukey's Outlier Screening

MW-D9



n = 12

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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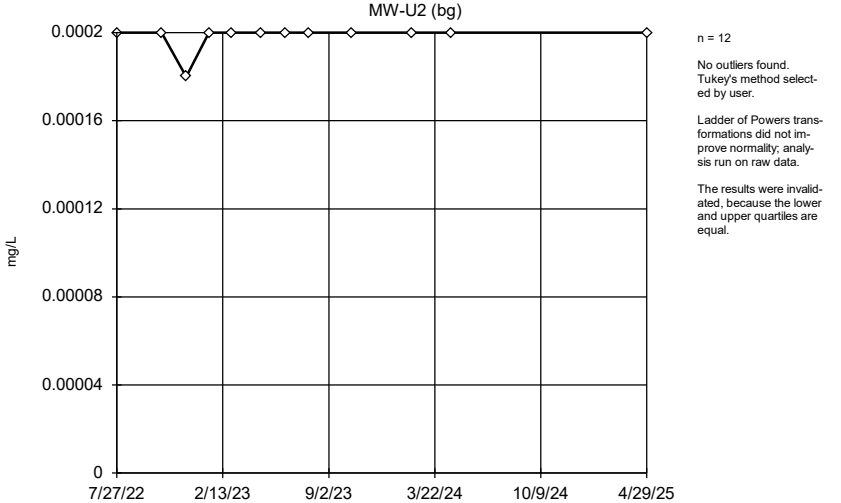
Tukey's Outlier Screening

MW-U2 (bg)



n = 12

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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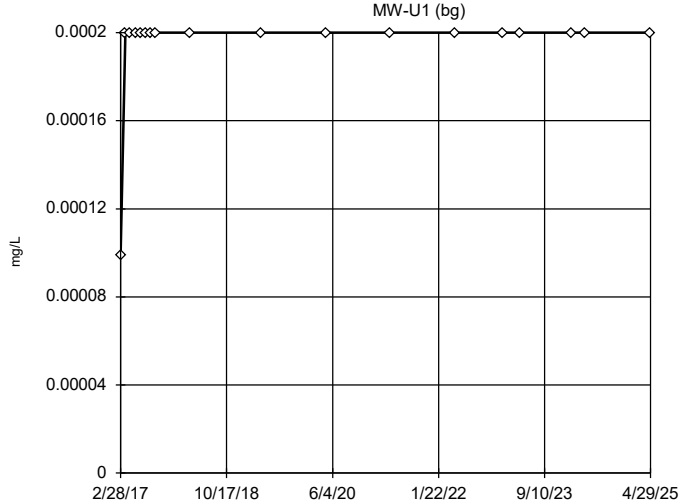
Tukey's Outlier Screening

MW-U1 (bg)



n = 18

No outliers found. Tukey's method selected by user.

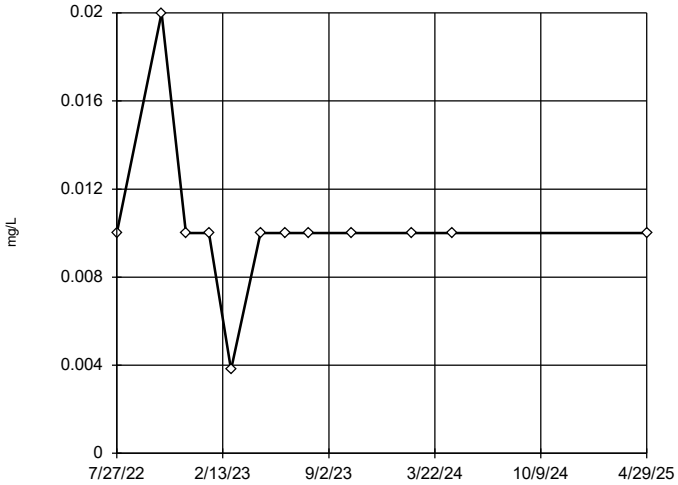
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Mercury Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

No outliers found. Tukey's method selected by user.

Data were cube root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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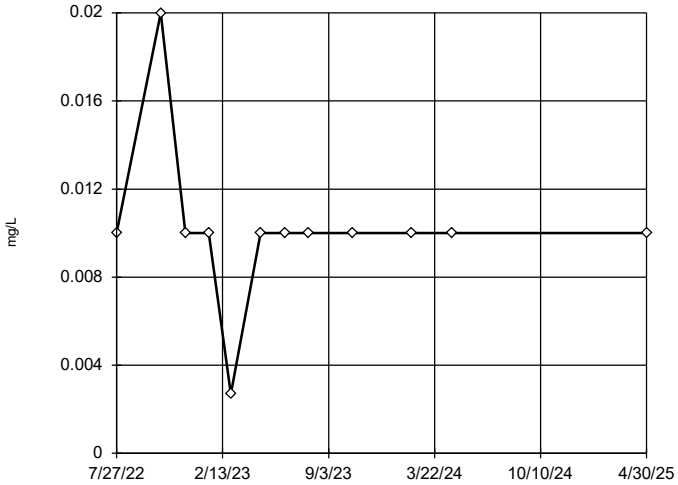
Tukey's Outlier Screening

MW-D5



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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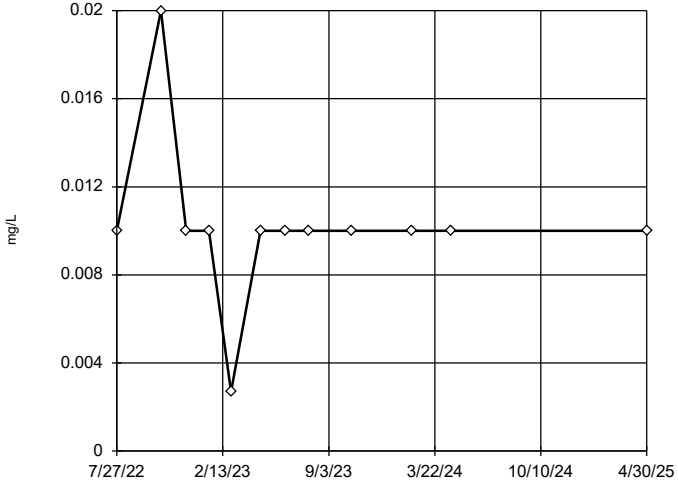
Tukey's Outlier Screening

MW-D6



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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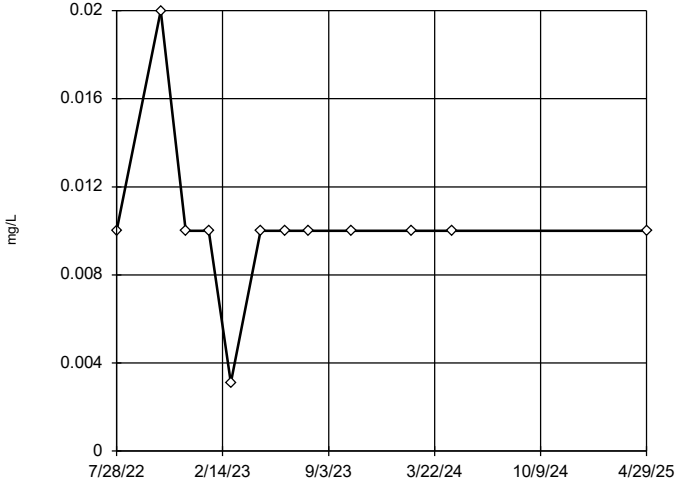
Tukey's Outlier Screening

MW-D7



n = 12

No outliers found. Tukey's method selected by user.

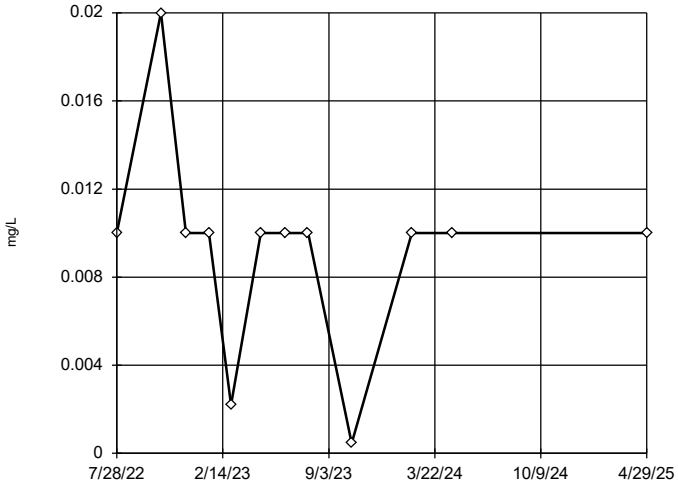
Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:52 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found. Tukey's method selected by user.

Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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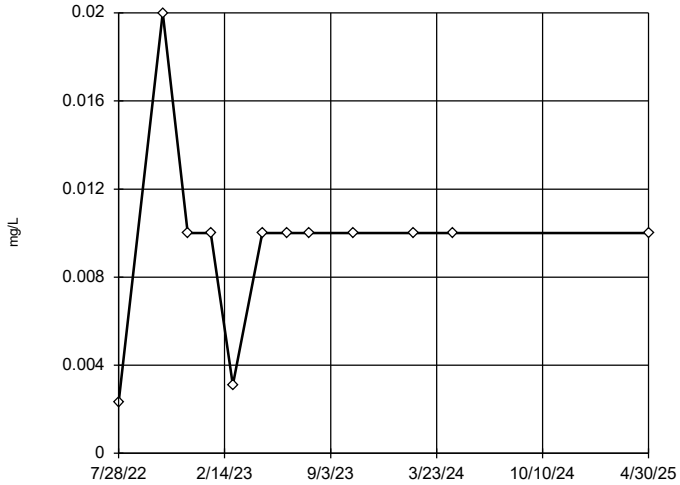
Tukey's Outlier Screening

MW-D9



n = 12

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

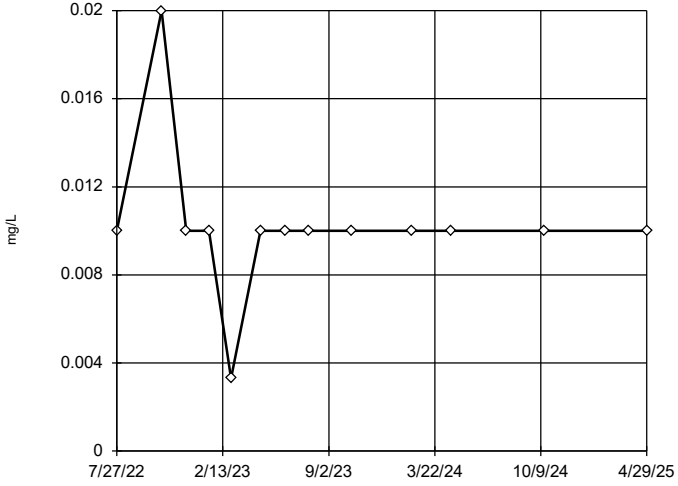
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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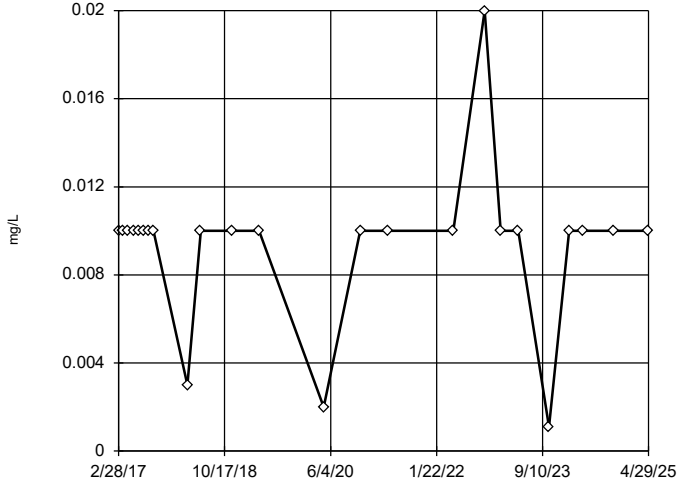
Tukey's Outlier Screening

MW-U1 (bg)



n = 24

No outliers found. Tukey's method selected by user.

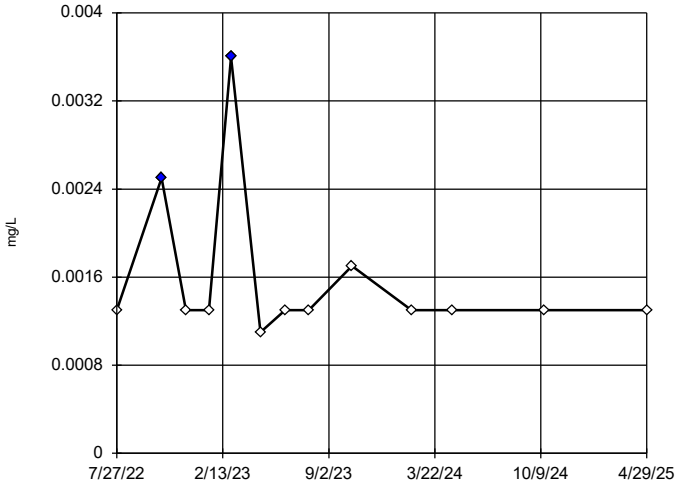
Ladder of Powers transformations did not improve normality; analysis run on raw data.

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Molybdenum Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 13

Outliers are drawn as solid.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.002223, low cutoff = 0.0008693, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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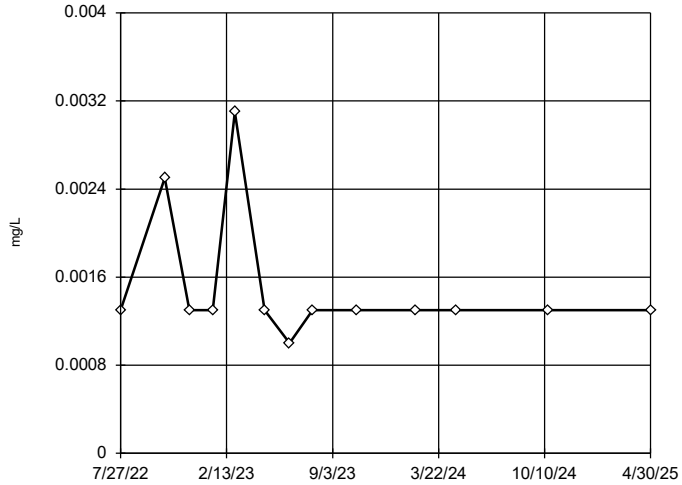
Tukey's Outlier Screening

MW-D5



n = 13

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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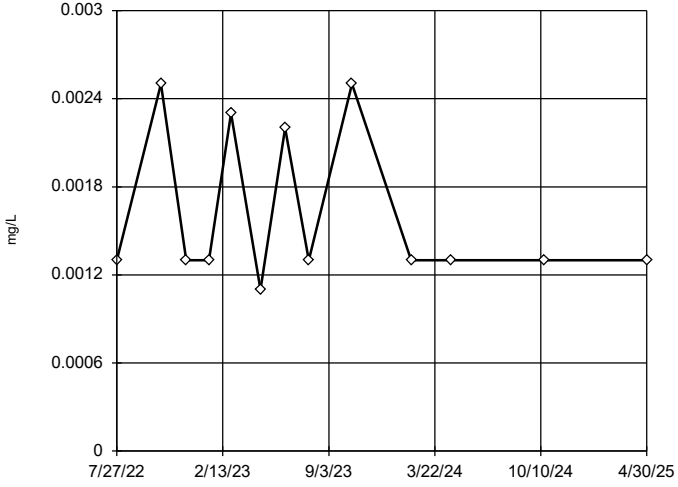
Tukey's Outlier Screening

MW-D6



n = 13

No outliers found.
Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.01165, low cutoff = 0.0002509, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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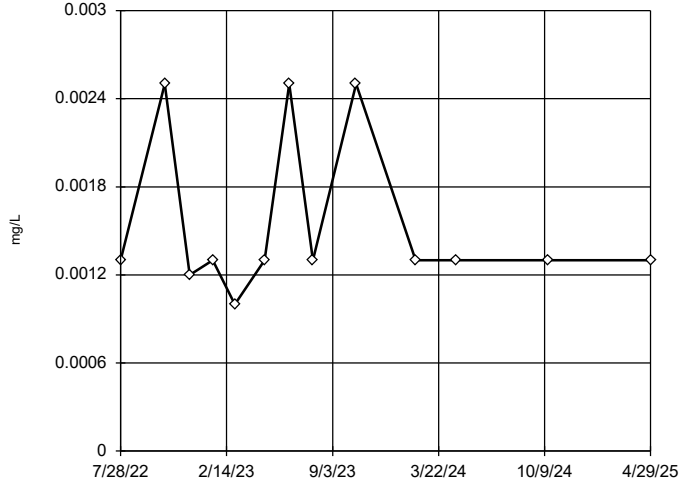
Tukey's Outlier Screening

MW-D7



n = 13

No outliers found.
Tukey's method selected by user.

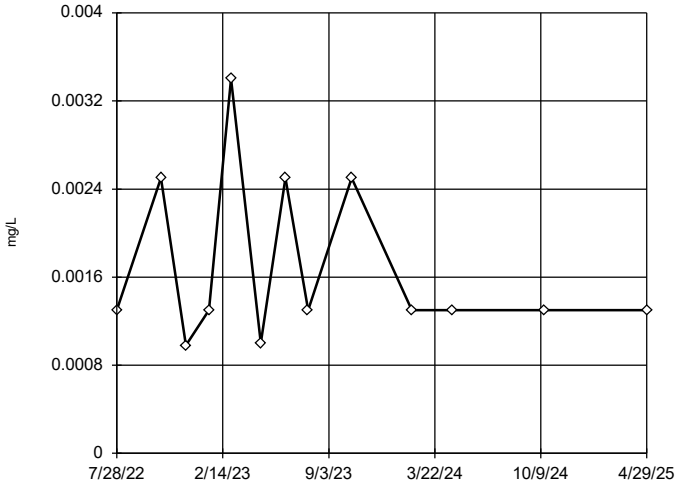
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004808, low cutoff = 0.0004875, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because both the lower and upper quartiles represent reporting limits.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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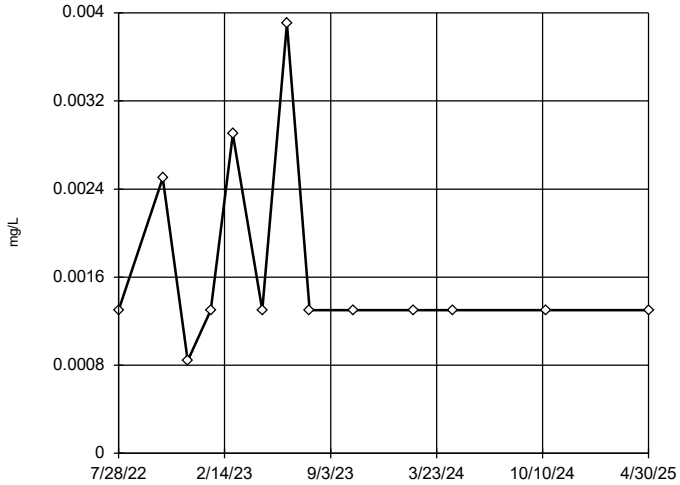
Tukey's Outlier Screening

MW-D9



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.004808, low cutoff = 0.0004875, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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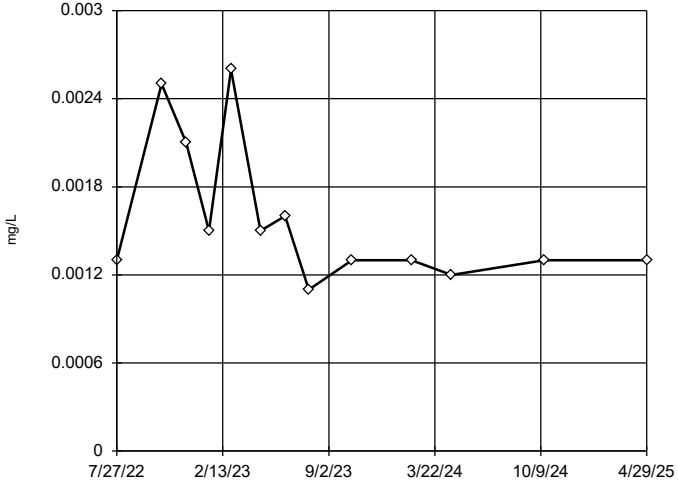
Tukey's Outlier Screening

MW-U2 (bg)



n = 13

No outliers found. Tukey's method selected by user.

Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.005139, low cutoff = 0.0004637, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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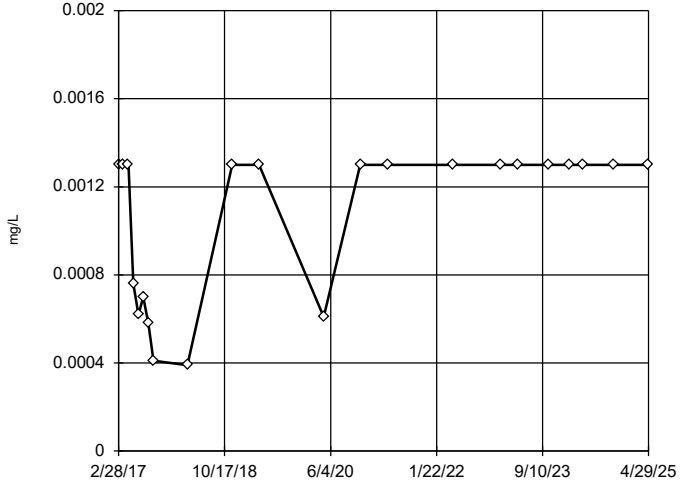
Tukey's Outlier Screening

MW-U1 (bg)



n = 22

No outliers found. Tukey's method selected by user.

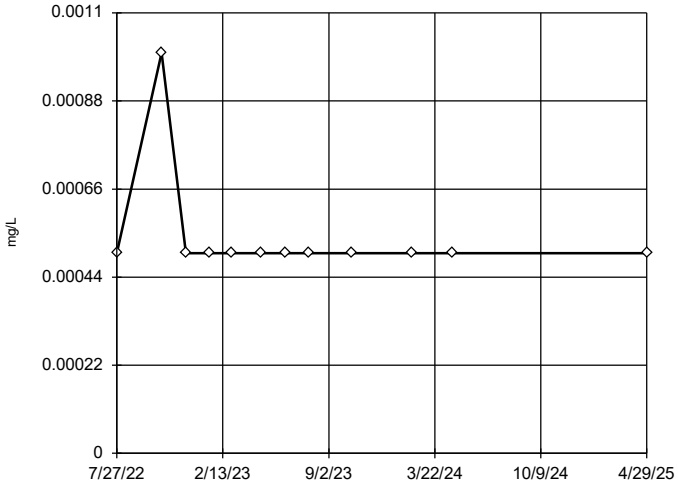
Data were natural log transformed to achieve best W statistic (graph shown in original units).

High cutoff = 0.009989, low cutoff = 0.00008573, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D4



n = 12

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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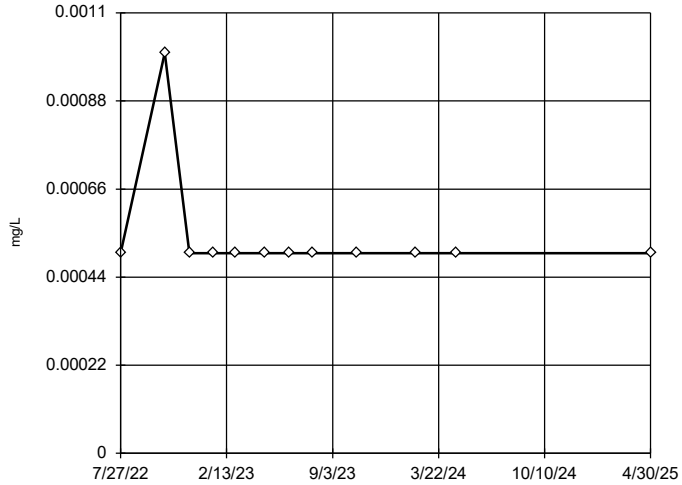
Tukey's Outlier Screening

MW-D5



n = 12

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

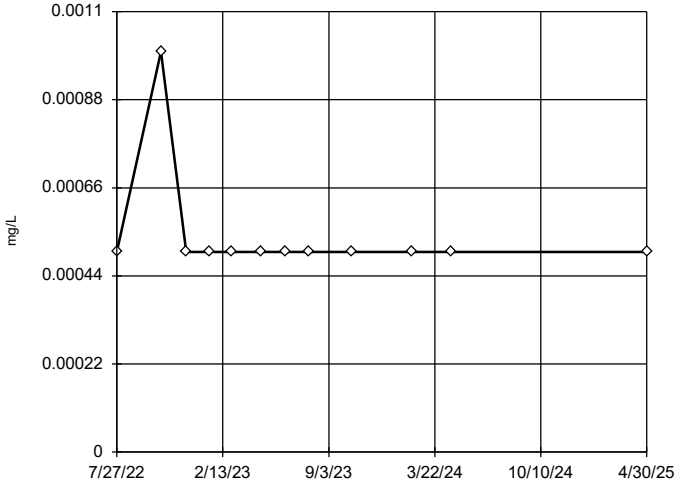
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D6



n = 12

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

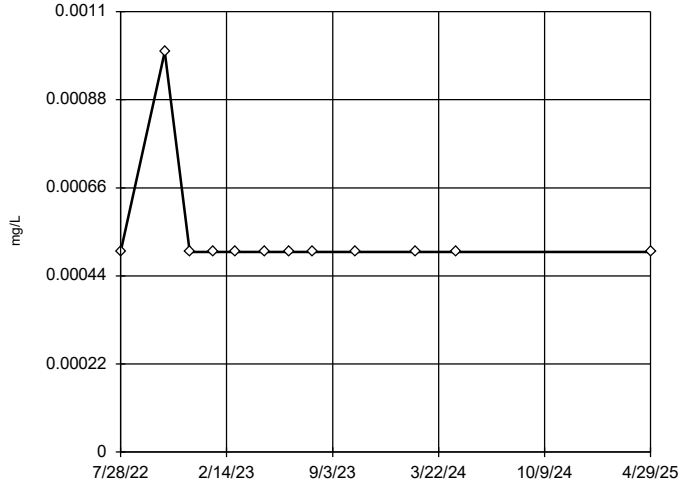
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D7



n = 12

No outliers found. Tukey's method selected by user.

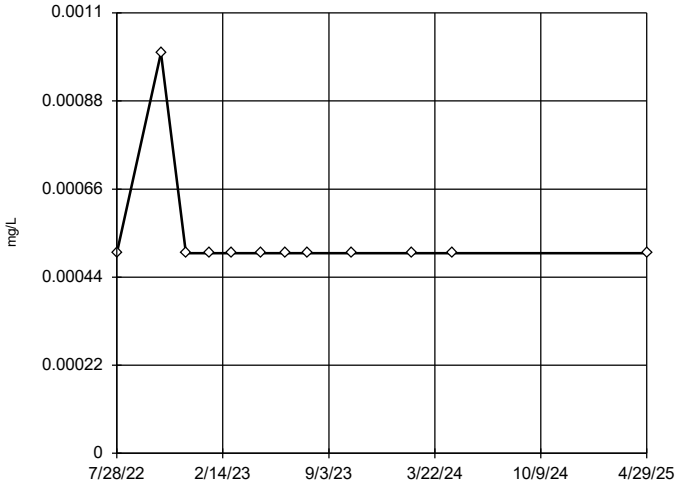
Data were x^4 transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Tukey's Outlier Screening

MW-D8



n = 12

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

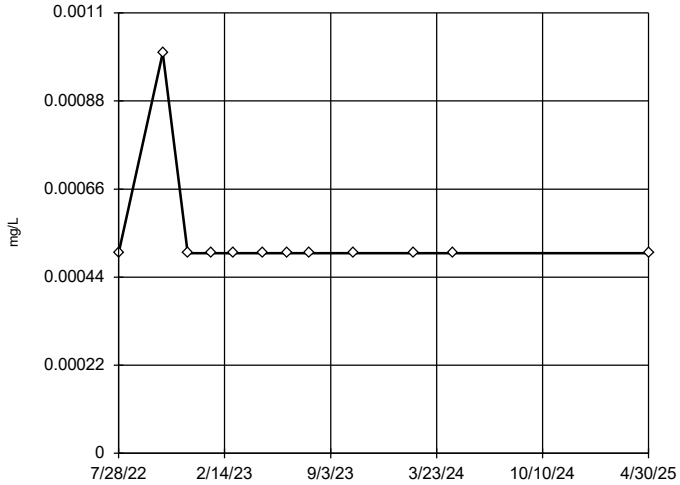
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-D9



n = 12

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

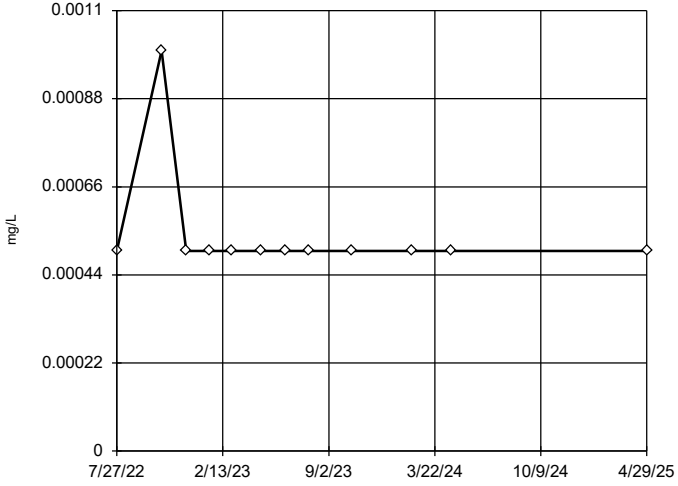
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U2 (bg)



n = 12

No outliers found. Tukey's method selected by user.

Data were x^4 transformed to achieve best W statistic (graph shown in original units).

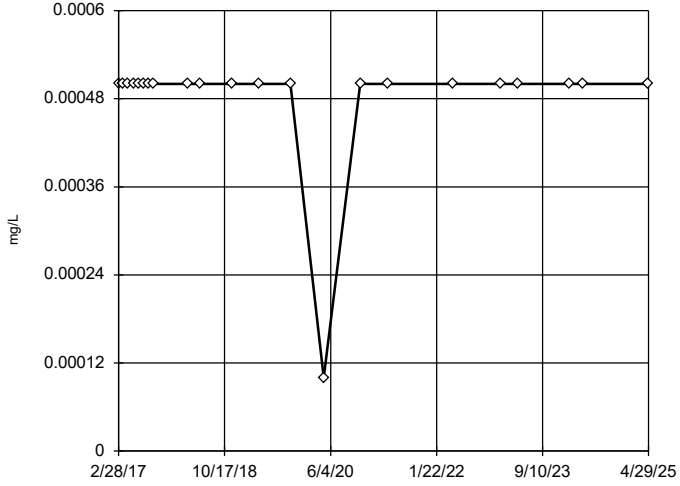
The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG

Tukey's Outlier Screening

MW-U1 (bg)



n = 22

No outliers found. Tukey's method selected by user.

Data were square root transformed to achieve best W statistic (graph shown in original units).

The results were invalidated, because the lower and upper quartiles are equal.

Constituent: Thallium Analysis Run 6/17/2025 9:53 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Outlier Analysis

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 6/17/2025, 10:02 AM

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	NP	NaN	13	0.002532	0.0009382	unknown	ShapiroWilk
Antimony (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	13	0.002692	0.0006934	unknown	ShapiroWilk
Antimony (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	19	0.002395	0.0004588	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.0014	0.0003464	unknown	ShapiroWilk
Arsenic (mg/L)	**MW-D9**	**Yes**	**0.0025,0....**	**10/20/202...**	**NP**	**NaN**	**12**	**0.001404**	**0.0003683**	**ln(x)**	**ShapiroWilk**
Arsenic (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	13	0.001392	0.0003328	unknown	ShapiroWilk
Arsenic (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	25	0.001292	0.0003993	unknown	ShapiroWilk
Barium (mg/L)	MW-D4	No	n/a	n/a	NP	NaN	13	0.026	0.007439	x^(1/3)	ShapiroWilk
Barium (mg/L)	**MW-D5**	**Yes**	**0.062,0.053**	**2/7/2024,...**	**NP**	**NaN**	**13**	**0.03292**	**0.01139**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	MW-D6	No	n/a	n/a	NP	NaN	13	0.009285	0.001265	ln(x)	ShapiroWilk
Barium (mg/L)	MW-D7	No	n/a	n/a	NP	NaN	13	0.09062	0.02254	ln(x)	ShapiroWilk
Barium (mg/L)	MW-D8	No	n/a	n/a	NP	NaN	13	0.05469	0.004423	x^6	ShapiroWilk
Barium (mg/L)	MW-D9	No	n/a	n/a	NP	NaN	13	0.04169	0.004498	ln(x)	ShapiroWilk
Barium (mg/L)	MW-U2 (bg)	No	n/a	n/a	NP	NaN	13	0.01701	0.009756	ln(x)	ShapiroWilk
Barium (mg/L)	MW-U1 (bg)	No	n/a	n/a	NP	NaN	26	0.002588	0.0009717	ln(x)	ShapiroWilk
Beryllium (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	12	0.002023	0.000795	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	12	0.002167	0.0005774	unknown	ShapiroWilk
Beryllium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	18	0.001939	0.0004017	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.001072	0.0002951	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.0011	0.0002892	unknown	ShapiroWilk
Cadmium (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	12	0.001083	0.0002887	unknown	ShapiroWilk
Cadmium (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	12	0.001167	0.0003892	unknown	ShapiroWilk
Cadmium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	19	0.001037	0.0003989	unknown	ShapiroWilk
Chromium (mg/L)	**MW-D4**	**Yes**	**0.005,0.0...**	**10/20/202...**	**NP**	**NaN**	**12**	**0.003192**	**0.002619**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	**MW-D5**	**Yes**	**0.026**	**10/18/2023**	**NP**	**NaN**	**12**	**0.004708**	**0.006761**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	**MW-D6**	**Yes**	**0.039**	**10/17/2023**	**NP**	**NaN**	**12**	**0.005558**	**0.01059**	**ln(x)**	**ShapiroWilk**
Chromium (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.002492	0.0009356	unknown	ShapiroWilk
Chromium (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.0026	0.0006015	unknown	ShapiroWilk
Chromium (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	12	0.002608	0.0007879	unknown	ShapiroWilk
Chromium (mg/L)	MW-U2 (bg)	No	n/a	n/a	NP	NaN	12	0.003083	0.001354	ln(x)	ShapiroWilk
Chromium (mg/L)	MW-U1 (bg)	No	n/a	n/a	NP	NaN	24	0.001917	0.001071	ln(x)	ShapiroWilk
Cobalt (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	13	0.002536	0.0009114	unknown	ShapiroWilk
Cobalt (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	13	0.002585	0.0008092	unknown	ShapiroWilk

Outlier Analysis

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 6/17/2025, 10:02 AM

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	NP	NaN	13	0.002662	0.0007113	unknown	ShapiroWilk
Cobalt (mg/L)	MW-D7	No	n/a	n/a	NP	NaN	13	0.001961	0.001244	x^(1/3)	ShapiroWilk
Cobalt (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	13	0.002486	0.0009834	unknown	ShapiroWilk
Cobalt (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	13	0.002358	0.001167	unknown	ShapiroWilk
Cobalt (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	13	0.002529	0.0008963	unknown	ShapiroWilk
Cobalt (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	24	0.002283	0.0006012	unknown	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D4	No	n/a	n/a	NP	NaN	13	0.5945	0.3422	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D5	No	n/a	n/a	NP	NaN	13	0.6072	0.3987	ln(x)	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D6	No	n/a	n/a	NP	NaN	13	0.5989	0.431	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D7	No	n/a	n/a	NP	NaN	13	0.5773	0.346	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D8	No	n/a	n/a	NP	NaN	13	0.4697	0.2931	x^2	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-D9	No	n/a	n/a	NP	NaN	13	0.4066	0.271	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-U2 (bg)	No	n/a	n/a	NP	NaN	13	0.5436	0.3499	normal	ShapiroWilk
Combined Radium 226 + 228 (pCi/L)	MW-U1 (bg)	No	n/a	n/a	NP	NaN	26	0.3075	0.3669	normal	ShapiroWilk
Fluoride (mg/L)	**MW-D4**	**Yes**	**1**	**7/27/2022**	**NP**	**NaN**	**13**	**0.2085**	**0.2396**	**ln(x)**	**ShapiroWilk**
Fluoride (mg/L)	MW-D5	No	n/a	n/a	NP	NaN	13	0.1452	0.259	ln(x)	ShapiroWilk
Fluoride (mg/L)	**MW-D6**	**Yes**	**1**	**7/27/2022**	**NP**	**NaN**	**13**	**0.1845**	**0.2477**	**ln(x)**	**ShapiroWilk**
Fluoride (mg/L)	**MW-D7**	**Yes**	**1**	**7/28/2022**	**NP**	**NaN**	**13**	**0.1509**	**0.2556**	**ln(x)**	**ShapiroWilk**
Fluoride (mg/L)	**MW-D8**	**Yes**	**1**	**7/28/2022**	**NP**	**NaN**	**13**	**0.1523**	**0.2556**	**ln(x)**	**ShapiroWilk**
Fluoride (mg/L)	**MW-D9**	**Yes**	**1**	**7/28/2022**	**NP**	**NaN**	**13**	**0.1606**	**0.2535**	**ln(x)**	**ShapiroWilk**
Fluoride (mg/L)	MW-U2 (bg)	No	n/a	n/a	NP	NaN	13	0.1551	0.1263	ln(x)	ShapiroWilk
Fluoride (mg/L)	MW-U1 (bg)	No	n/a	n/a	NP	NaN	26	0.06862	0.02149	ln(x)	ShapiroWilk
Lead (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	13	0.001392	0.0003328	unknown	ShapiroWilk
Lead (mg/L)	**MW-D5**	**Yes**	**0.0025,0....**	**10/19/202...**	**NP**	**NaN**	**13**	**0.001281**	**0.0004479**	**sqrt(x)**	**ShapiroWilk**
Lead (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	13	0.001392	0.0003328	unknown	ShapiroWilk
Lead (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	13	0.001392	0.0003328	unknown	ShapiroWilk
Lead (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	13	0.001392	0.0003328	unknown	ShapiroWilk
Lead (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	13	0.001311	0.0004621	unknown	ShapiroWilk
Lead (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	13	0.001392	0.0003328	unknown	ShapiroWilk
Lead (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	19	0.001211	0.0002762	unknown	ShapiroWilk
Lithium (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	12	0.002667	0.0007487	unknown	ShapiroWilk
Lithium (mg/L)	MW-D5	No	n/a	n/a	NP	NaN	12	0.003292	0.001484	normal	ShapiroWilk
Lithium (mg/L)	MW-D6	No	n/a	n/a	NP	NaN	12	0.003183	0.001244	x^5	ShapiroWilk
Lithium (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.002708	0.0007217	unknown	ShapiroWilk
Lithium (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.002917	0.0009731	unknown	ShapiroWilk
Lithium (mg/L)	MW-D9	No	n/a	n/a	NP	NaN	12	0.003025	0.0009845	sqrt(x)	ShapiroWilk
Lithium (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	12	0.002675	0.0007412	unknown	ShapiroWilk
Lithium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	21	0.002459	0.0009879	unknown	ShapiroWilk
Mercury (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.0002	0	unknown	ShapiroWilk
Mercury (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0000...	unknown	ShapiroWilk
Mercury (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	18	0.000...	0.0000...	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	12	0.01032	0.003532	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	12	0.01022	0.003726	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	12	0.01022	0.003726	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.01026	0.003653	unknown	ShapiroWilk

Outlier Analysis

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 6/17/2025, 10:02 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Molybdenum (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.009388	0.004742	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	12	0.009617	0.004318	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	13	0.01025	0.003465	unknown	ShapiroWilk
Molybdenum (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	24	0.009421	0.003515	unknown	ShapiroWilk
Selenium (mg/L)	**MW-D4**	**Yes**	**0.0025,0....**	**10/20/202...**	**NP**	**NaN**	**13**	**0.001585**	**0.0006998**	**ln(x)**	**ShapiroWilk**
Selenium (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	13	0.001508	0.0005923	unknown	ShapiroWilk
Selenium (mg/L)	MW-D6	No	n/a	n/a	NP	NaN	13	0.001615	0.0005352	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-D7	No	n/a	n/a	NP	NaN	13	0.001546	0.0005502	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	13	0.001691	0.0007603	unknown	ShapiroWilk
Selenium (mg/L)	MW-D9	No	n/a	n/a	NP	NaN	13	0.00168	0.0008706	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-U2 (bg)	No	n/a	n/a	NP	NaN	13	0.001585	0.0004947	ln(x)	ShapiroWilk
Selenium (mg/L)	MW-U1 (bg)	No	n/a	n/a	NP	NaN	22	0.001071	0.0003504	ln(x)	ShapiroWilk
Thallium (mg/L)	MW-D4	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D5	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D6	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D7	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D8	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-D9	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-U2 (bg)	n/a	n/a	n/a	NP	NaN	12	0.000...	0.0001443	unknown	ShapiroWilk
Thallium (mg/L)	MW-U1 (bg)	n/a	n/a	n/a	NP	NaN	22	0.000...	0.0000...	unknown	ShapiroWilk

Tolerance Limit

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 6/17/2025, 10:05 AM

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	4/29/2025	0.014	No	39	0	n/a	0.02393	NP Inter(normal...
Barium (mg/L)	MW-D5	0.043	4/30/2025	0.03	No	39	0	n/a	0.02393	NP Inter(normal...
Barium (mg/L)	MW-D6	0.043	4/30/2025	0.0081	No	39	0	n/a	0.02393	NP Inter(normal...
Barium (mg/L)	**MW-D7**	**0.043**	**4/29/2025**	**0.063**	**Yes**	**39**	**0**	**n/a**	**0.02393**	**NP Inter(normal...**
Barium (mg/L)	**MW-D8**	**0.043**	**4/29/2025**	**0.048**	**Yes**	**39**	**0**	**n/a**	**0.02393**	**NP Inter(normal...**
Barium (mg/L)	MW-D9	0.043	4/30/2025	0.038	No	39	0	n/a	0.02393	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	31	96.77	n/a	0.03729	NP Inter(NDs)
Cadmium (mg/L)	MW-D5	0.0025	4/30/2025	<0.001	No	31	96.77	n/a	0.03729	NP Inter(NDs)
Cadmium (mg/L)	MW-D6	0.0025	4/30/2025	<0.001	No	31	96.77	n/a	0.03729	NP Inter(NDs)
Cadmium (mg/L)	MW-D7	0.0025	4/29/2025	<0.001	No	31	96.77	n/a	0.03729	NP Inter(NDs)
Cadmium (mg/L)	MW-D8	0.0025	4/29/2025	<0.001	No	31	96.77	n/a	0.03729	NP Inter(NDs)
Cadmium (mg/L)	MW-D9	0.0025	4/30/2025	<0.001	No	31	96.77	n/a	0.03729	NP Inter(NDs)
Chromium (mg/L)	MW-D4	0.0063	4/29/2025	0.0012	No	36	30.56	n/a	0.02821	NP Inter(normal...
Chromium (mg/L)	MW-D5	0.0063	4/30/2025	<0.0025	No	36	30.56	n/a	0.02821	NP Inter(normal...
Chromium (mg/L)	MW-D6	0.0063	4/30/2025	0.0018	No	36	30.56	n/a	0.02821	NP Inter(normal...
Chromium (mg/L)	MW-D7	0.0063	4/29/2025	<0.0025	No	36	30.56	n/a	0.02821	NP Inter(normal...
Chromium (mg/L)	MW-D8	0.0063	4/29/2025	<0.0025	No	36	30.56	n/a	0.02821	NP Inter(normal...
Chromium (mg/L)	MW-D9	0.0063	4/30/2025	<0.0025	No	36	30.56	n/a	0.02821	NP Inter(normal...
Cobalt (mg/L)	MW-D4	0.005	4/29/2025	<0.0025	No	37	91.89	n/a	0.0267	NP Inter(NDs)
Cobalt (mg/L)	MW-D5	0.005	4/30/2025	<0.0025	No	37	91.89	n/a	0.0267	NP Inter(NDs)
Cobalt (mg/L)	MW-D6	0.005	4/30/2025	<0.0025	No	37	91.89	n/a	0.0267	NP Inter(NDs)
Cobalt (mg/L)	MW-D7	0.005	4/29/2025	<0.0025	No	37	91.89	n/a	0.0267	NP Inter(NDs)
Cobalt (mg/L)	MW-D8	0.005	4/29/2025	<0.0025	No	37	91.89	n/a	0.0267	NP Inter(NDs)
Cobalt (mg/L)	MW-D9	0.005	4/30/2025	0.00023	No	37	91.89	n/a	0.0267	NP Inter(NDs)
Combined Radium 226 + 228 (pCi/L)	MW-D4	1.276	4/29/2025	<0.89	No	39	10.26	No	0.001674	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D5	1.276	4/30/2025	<0.56	No	39	10.26	No	0.001674	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D6	1.276	4/30/2025	<0.729	No	39	10.26	No	0.001674	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D7	1.276	4/29/2025	<0.76	No	39	10.26	No	0.001674	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D8	1.276	4/29/2025	<0.636	No	39	10.26	No	0.001674	Inter
Combined Radium 226 + 228 (pCi/L)	MW-D9	1.276	4/30/2025	<0.544	No	39	10.26	No	0.001674	Inter
Fluoride (mg/L)	MW-D4	0.45	4/29/2025	0.11	No	39	7.692	n/a	0.02393	NP Inter(normal...
Fluoride (mg/L)	MW-D5	0.45	4/30/2025	0.028	No	39	7.692	n/a	0.02393	NP Inter(normal...

Tolerance Limit

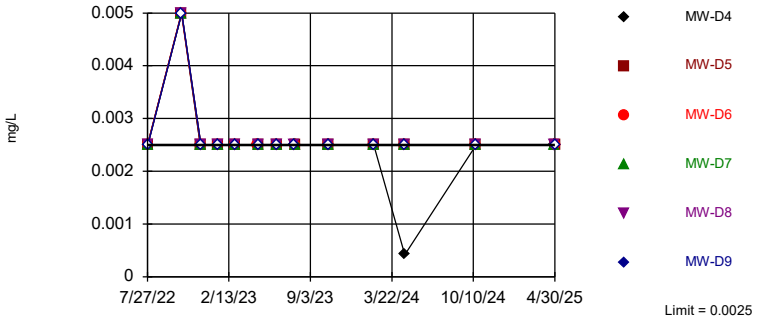
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 6/17/2025, 10:05 AM

Constituent	Well	Upper Lim.	Date	Observ.	Sig.	Bg N	%NDs	Transform	Alpha	Method
Fluoride (mg/L)	MW-D6	0.45	4/30/2025	0.092	No	39	7.692	n/a	0.02393	NP Inter(normal...
Fluoride (mg/L)	MW-D7	0.45	4/29/2025	0.07	No	39	7.692	n/a	0.02393	NP Inter(normal...
Fluoride (mg/L)	MW-D8	0.45	4/29/2025	0.053	No	39	7.692	n/a	0.02393	NP Inter(normal...
Fluoride (mg/L)	MW-D9	0.45	4/30/2025	0.076	No	39	7.692	n/a	0.02393	NP Inter(normal...
Lead (mg/L)	MW-D4	0.0025	4/29/2025	<0.0013	No	32	96.88	n/a	0.03525	NP Inter(NDs)
Lead (mg/L)	MW-D5	0.0025	4/30/2025	<0.0013	No	32	96.88	n/a	0.03525	NP Inter(NDs)
Lead (mg/L)	MW-D6	0.0025	4/30/2025	<0.0013	No	32	96.88	n/a	0.03525	NP Inter(NDs)
Lead (mg/L)	MW-D7	0.0025	4/29/2025	<0.0013	No	32	96.88	n/a	0.03525	NP Inter(NDs)
Lead (mg/L)	MW-D8	0.0025	4/29/2025	<0.0013	No	32	96.88	n/a	0.03525	NP Inter(NDs)
Lead (mg/L)	MW-D9	0.0025	4/30/2025	0.00024	No	32	96.88	n/a	0.03525	NP Inter(NDs)
Lithium (mg/L)	MW-D4	0.0058	4/29/2025	0.002	No	33	90.91	n/a	0.03333	NP Inter(NDs)
Lithium (mg/L)	MW-D5	0.0058	4/30/2025	<0.0025	No	33	90.91	n/a	0.03333	NP Inter(NDs)
Lithium (mg/L)	MW-D6	0.0058	4/30/2025	0.0051	No	33	90.91	n/a	0.03333	NP Inter(NDs)
Lithium (mg/L)	MW-D7	0.0058	4/29/2025	<0.0025	No	33	90.91	n/a	0.03333	NP Inter(NDs)
Lithium (mg/L)	MW-D8	0.0058	4/29/2025	<0.0025	No	33	90.91	n/a	0.03333	NP Inter(NDs)
Lithium (mg/L)	MW-D9	0.0058	4/30/2025	0.0039	No	33	90.91	n/a	0.03333	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	37	94.59	n/a	0.0267	NP Inter(NDs)
Molybdenum (mg/L)	MW-D5	0.02	4/30/2025	<0.01	No	37	94.59	n/a	0.0267	NP Inter(NDs)
Molybdenum (mg/L)	MW-D6	0.02	4/30/2025	<0.01	No	37	94.59	n/a	0.0267	NP Inter(NDs)
Molybdenum (mg/L)	MW-D7	0.02	4/29/2025	<0.01	No	37	94.59	n/a	0.0267	NP Inter(NDs)
Molybdenum (mg/L)	MW-D8	0.02	4/29/2025	<0.01	No	37	94.59	n/a	0.0267	NP Inter(NDs)
Molybdenum (mg/L)	MW-D9	0.02	4/30/2025	<0.01	No	37	94.59	n/a	0.0267	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(normal...
Selenium (mg/L)	MW-D5	0.0026	4/30/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(normal...
Selenium (mg/L)	MW-D6	0.0026	4/30/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(normal...
Selenium (mg/L)	MW-D7	0.0026	4/29/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(normal...
Selenium (mg/L)	MW-D8	0.0026	4/29/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(normal...
Selenium (mg/L)	MW-D9	0.0026	4/30/2025	<0.0013	No	35	57.14	n/a	0.02982	NP Inter(normal...
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)

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. 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 6/17/2025 10:03 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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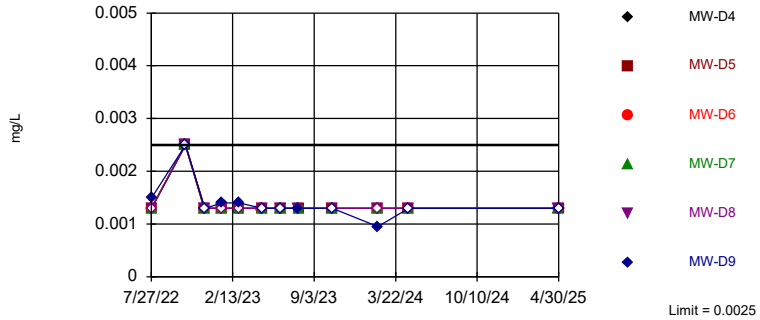
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. 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 6/17/2025 10:03 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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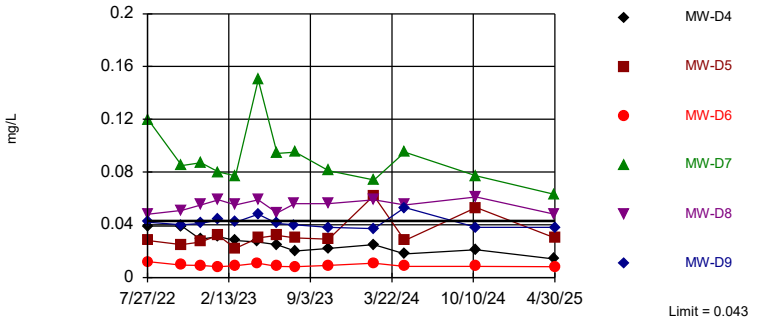
Exceeds Limit: MW-D7, MW-D8

Tolerance Limit

Interwell Non-parametric



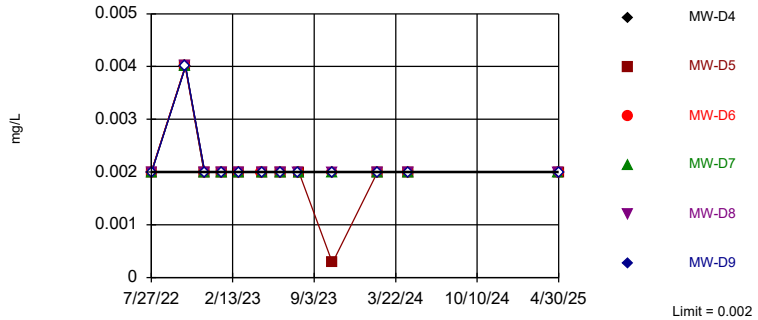
Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Most recent observation is compared with limit. Limit is highest of 39 background values. 88.87% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1353.

Constituent: Barium Analysis Run 6/17/2025 10:03 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



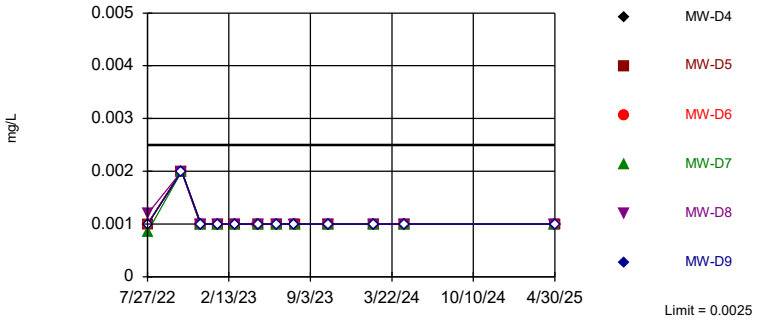
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. Most recent observation is compared with limit. All background values were censored; limit is most recent reporting limit. 85.74% coverage at alpha=0.01; 90.43% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.2146.

Constituent: Beryllium Analysis Run 6/17/2025 10:03 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



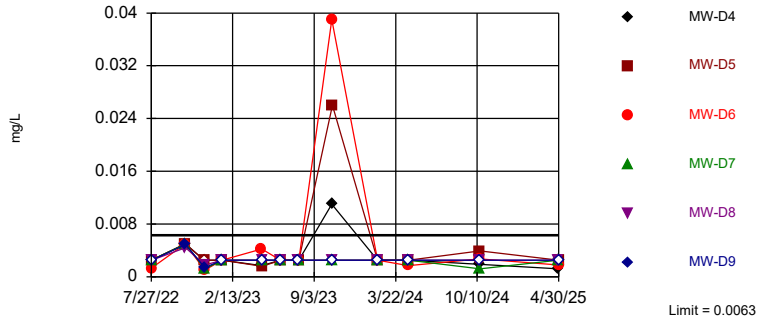
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. Most recent observation is compared with limit. Limit is highest of 31 background values. 96.77% NDs. 86.13% coverage at alpha=0.01; 90.82% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.2039.

Constituent: Cadmium Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



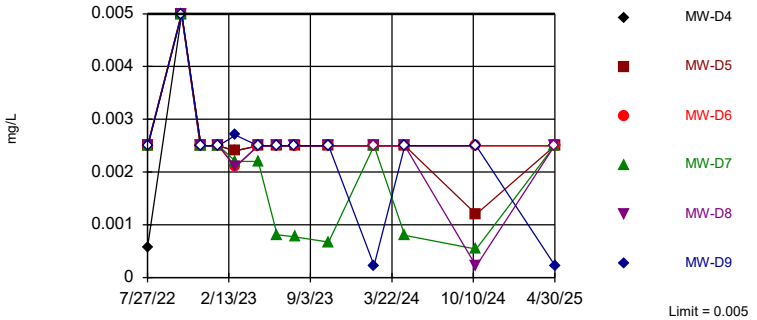
Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Most recent observation is compared with limit. Limit is highest of 36 background values. 30.56% NDs. 88.09% coverage at alpha=0.01; 91.99% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1578.

Constituent: Chromium Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



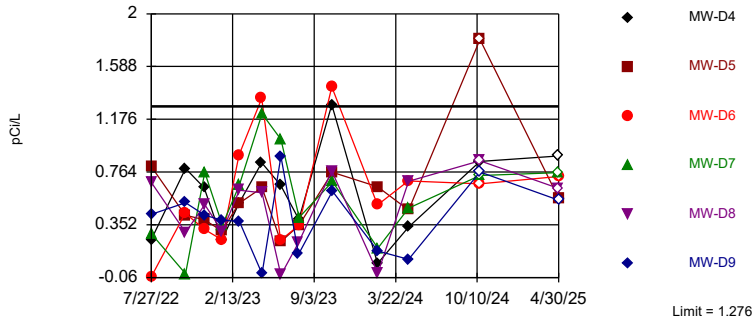
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. Most recent observation is compared with limit. Limit is highest of 37 background values. 91.89% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Cobalt Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Parametric



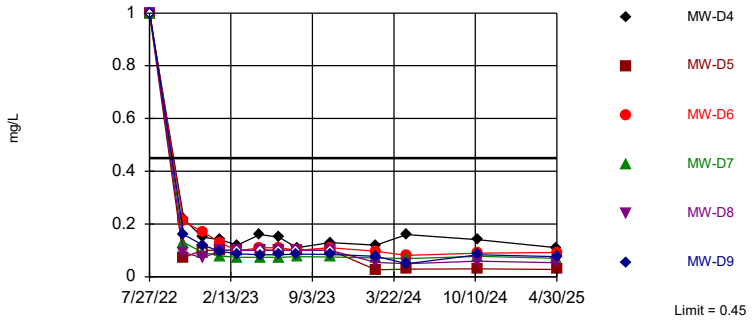
95% coverage. Most recent observation is compared with limit. Background Data Summary: Mean=0.3862, Std. Dev.=0.3741, n=39, 10.26% NDs. Normality test: Shapiro Wilk @alpha = 0.01, calculated = 0.952, critical = 0.917. Report alpha = 0.01.

Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Seco
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



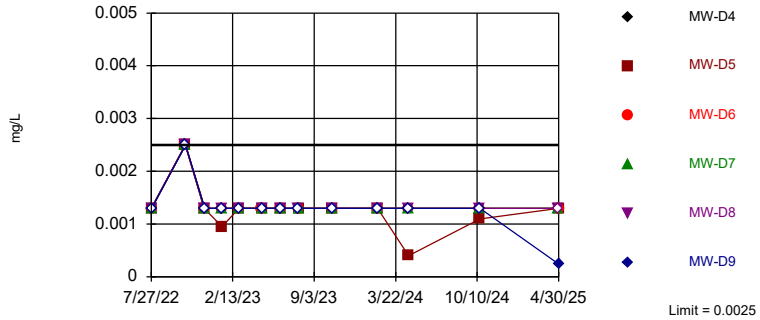
Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Most recent observation is compared with limit. Limit is highest of 39 background values. 7.692% NDs. 88.87% coverage at alpha=0.01; 92.77% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1353.

Constituent: Fluoride Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



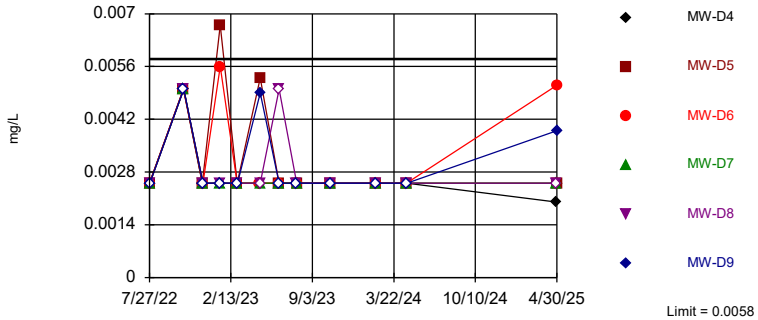
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. Most recent observation is compared with limit. Limit is highest of 32 background values. 96.88% NDs. 86.52% coverage at alpha=0.01; 91.21% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.1937.

Constituent: Lead Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



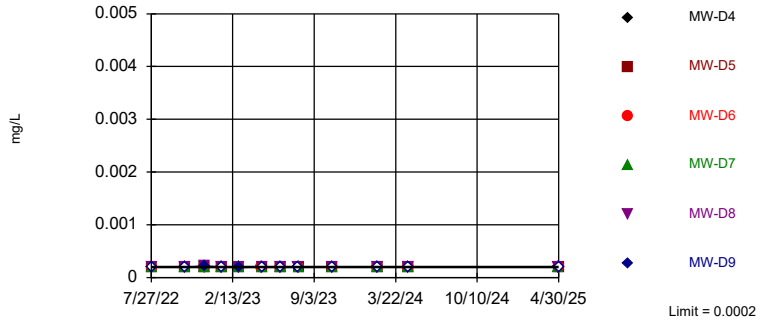
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. Most recent observation is compared with limit. Limit is highest of 33 background values. 90.91% NDs. 86.91% coverage at alpha=0.01; 91.21% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.184.

Constituent: Lithium Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



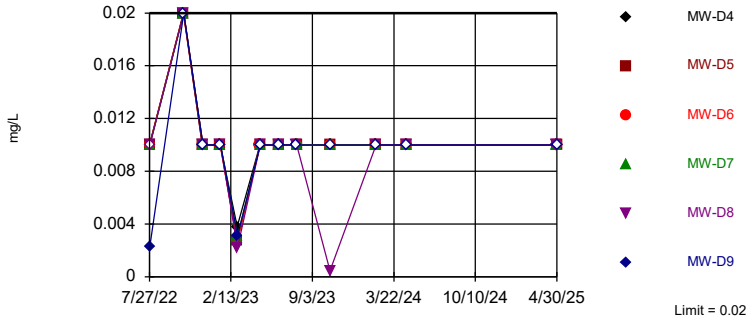
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. Most recent observation is compared with limit. Limit is highest of 30 background values. 93.33% NDs. 85.74% coverage at alpha=0.01; 90.43% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.2146.

Constituent: Mercury Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



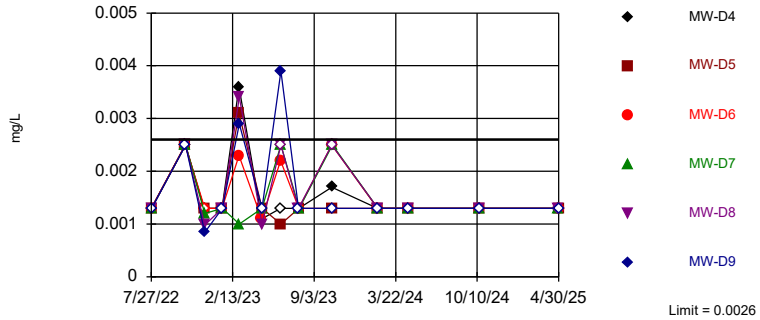
Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. Most recent observation is compared with limit. Limit is highest of 37 background values. 94.59% NDs. 88.48% coverage at alpha=0.01; 92.38% coverage at alpha=0.05; 98.24% coverage at alpha=0.5. Report alpha = 0.1499.

Constituent: Molybdenum Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



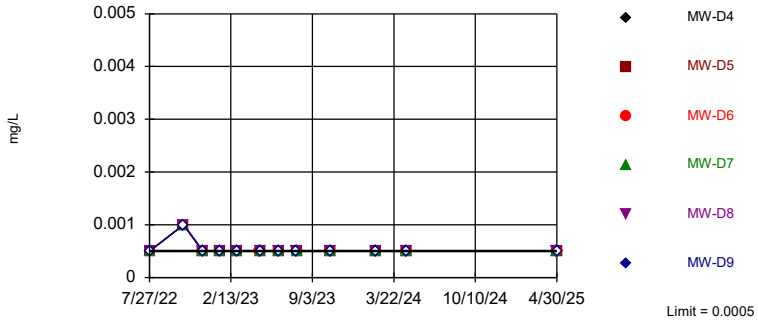
Non-parametric test used in lieu of parametric tolerance limit because the Shapiro Wilk normality test showed the data to be non-normal at the 0.01 alpha level. Most recent observation is compared with limit. Limit is highest of 35 background values. 57.14% NDs. 87.7% coverage at alpha=0.01; 91.6% coverage at alpha=0.05; 97.85% coverage at alpha=0.5. Report alpha = 0.1661.

Constituent: Selenium Analysis Run 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Sanitas™ v.9.6.32 Software licensed to Geosyntec Consultants. UG
Hollow symbols indicate censored values.
Within Limit

Tolerance Limit

Interwell Non-parametric



Non-parametric test used in lieu of parametric tolerance limit because censored data exceeded 75%. 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 6/17/2025 10:04 AM View: CCPC - Former Secondary Ash Areas
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 6/17/2025, 10:08 AM

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 (normality)
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	0.03153	0.02047	2	No	13	0.026	0	None	No	0.01	Param.
Barium (mg/L)	MW-D5	0.053	0.025	2	No	13	0.03292	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-D6	0.011	0.0083	2	No	13	0.009285	0	None	No	0.01	NP (normality)
Barium (mg/L)	MW-D7	0.1058	0.07455	2	No	13	0.09062	0	None	sqrt(x)	0.01	Param.
Barium (mg/L)	MW-D8	0.05798	0.0514	2	No	13	0.05469	0	None	No	0.01	Param.
Barium (mg/L)	MW-D9	0.04475	0.03846	2	No	13	0.04169	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-U2 (bg)	0.02142	0.01078	2	No	13	0.01701	0	None	ln(x)	0.01	Param.
Barium (mg/L)	MW-U1 (bg)	0.0026	0.0021	2	No	26	0.002588	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	12	0.001167	91.67	None	No	0.01	NP (NDs)
Cadmium (mg/L)	MW-U1 (bg)	0.0025	0.0002	0.005	No	19	0.001037	100	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D4	0.005	0.0017	0.1	No	12	0.003192	66.67	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-D5	0.005	0.0016	0.1	No	12	0.004708	75	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-D6	0.005	0.0013	0.1	No	12	0.005558	41.67	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-D7	0.005	0.0012	0.1	No	12	0.002492	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D8	0.0044	0.0018	0.1	No	12	0.0026	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-D9	0.0049	0.0014	0.1	No	12	0.002608	83.33	None	No	0.01	NP (NDs)
Chromium (mg/L)	MW-U2 (bg)	0.005	0.0023	0.1	No	12	0.003083	66.67	None	No	0.01	NP (normality)
Chromium (mg/L)	MW-U1 (bg)	0.0022	0.0013	0.1	No	24	0.001917	12.5	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-D4	0.005	0.0024	0.006	No	13	0.002536	84.62	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D5	0.005	0.0024	0.006	No	13	0.002585	84.62	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D6	0.005	0.0021	0.006	No	13	0.002662	92.31	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D7	0.005	0.00067	0.006	No	13	0.001961	46.15	None	No	0.01	NP (normality)
Cobalt (mg/L)	MW-D8	0.005	0.0021	0.006	No	13	0.002486	84.62	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-D9	0.0027	0.00023	0.006	No	13	0.002358	76.92	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-U2 (bg)	0.005	0.0022	0.006	No	13	0.002529	84.62	None	No	0.01	NP (NDs)
Cobalt (mg/L)	MW-U1 (bg)	0.0025	0.0013	0.006	No	24	0.002283	95.83	None	No	0.01	NP (NDs)
Combined Radium 226 + ...	MW-D4	0.9256	0.3428	5	No	13	0.5945	15.38	Cohen`s	No	0.01	Param.
Combined Radium 226 + ...	MW-D5	0.807	0.305	5	No	13	0.6072	15.38	None	No	0.01	NP (Cohens/xfrm)
Combined Radium 226 + ...	MW-D6	0.9194	0.2784	5	No	13	0.5989	15.38	None	No	0.01	Param.
Combined Radium 226 + ...	MW-D7	0.9104	0.3296	5	No	13	0.5773	15.38	Cohen`s	No	0.01	Param.
Combined Radium 226 + ...	MW-D8	0.7774	0.2532	5	No	13	0.4697	15.38	Cohen`s	No	0.01	Param.
Combined Radium 226 + ...	MW-D9	0.6938	0.2071	5	No	13	0.4066	15.38	Cohen`s	No	0.01	Param.
Combined Radium 226 + ...	MW-U2 (bg)	0.8898	0.2999	5	No	13	0.5436	15.38	Cohen`s	No	0.01	Param.
Combined Radium 226 + ...	MW-U1 (bg)	0.4863	0.1287	5	No	26	0.3075	7.692	None	No	0.01	Param.
Fluoride (mg/L)	MW-D4	0.22	0.11	4	No	13	0.2085	7.692	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-D5	1	0.028	4	No	13	0.1452	61.54	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-D6	0.21	0.09	4	No	13	0.1845	7.692	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-D7	0.13	0.07	4	No	13	0.1509	7.692	None	No	0.01	NP (normality)

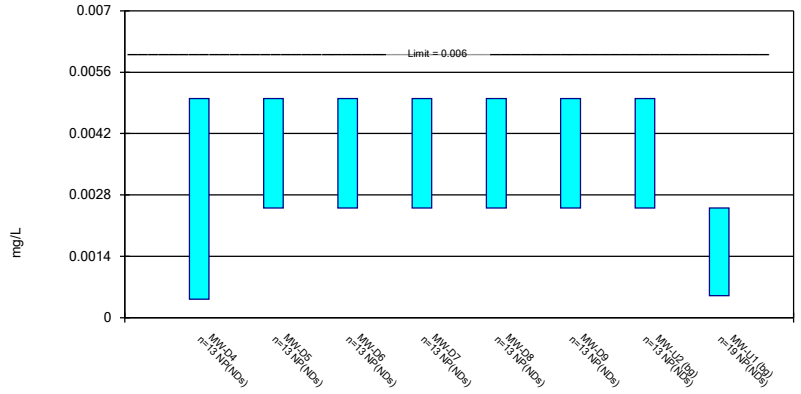
Confidence Interval

CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input Printed 6/17/2025, 10:08 AM

Constituent	Well	Upper Lim.	Lower Lim.	Compliance	Sig.	N	Mean	%NDs	ND Adj.	Transform	Alpha	Method
Fluoride (mg/L)	MW-D8	1	0.053	4	No	13	0.1523	53.85	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-D9	0.16	0.076	4	No	13	0.1606	7.692	None	No	0.01	NP (normality)
Fluoride (mg/L)	MW-U2 (bg)	0.2282	0.06543	4	No	13	0.1551	0	None	sqrt(x)	0.01	Param.
Fluoride (mg/L)	MW-U1 (bg)	0.07736	0.05768	4	No	26	0.06862	11.54	None	sqrt(x)	0.01	Param.
Lead (mg/L)	MW-D4	0.0025	0.0013	0.015	No	13	0.001392	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D5	0.0025	0.00095	0.015	No	13	0.001281	76.92	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D6	0.0025	0.0013	0.015	No	13	0.001392	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D7	0.0025	0.0013	0.015	No	13	0.001392	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D8	0.0025	0.0013	0.015	No	13	0.001392	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-D9	0.0025	0.00024	0.015	No	13	0.001311	92.31	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-U2 (bg)	0.0025	0.0013	0.015	No	13	0.001392	100	None	No	0.01	NP (NDs)
Lead (mg/L)	MW-U1 (bg)	0.0013	0.00065	0.015	No	19	0.001211	94.74	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D4	0.005	0.002	0.04	No	12	0.002667	91.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D5	0.0053	0.0025	0.04	No	12	0.003292	83.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D6	0.0051	0.0025	0.04	No	12	0.003183	83.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D7	0.005	0.0025	0.04	No	12	0.002708	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D8	0.005	0.0025	0.04	No	12	0.002917	100	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-D9	0.0049	0.0025	0.04	No	12	0.003025	83.33	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-U2 (bg)	0.005	0.0021	0.04	No	12	0.002675	91.67	None	No	0.01	NP (NDs)
Lithium (mg/L)	MW-U1 (bg)	0.0058	0.0005	0.04	No	21	0.002459	90.48	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	13	0.01025	92.31	None	No	0.01	NP (NDs)
Molybdenum (mg/L)	MW-U1 (bg)	0.01	0.003	0.1	No	24	0.009421	95.83	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 (normality)
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)

Non-Parametric Confidence Interval

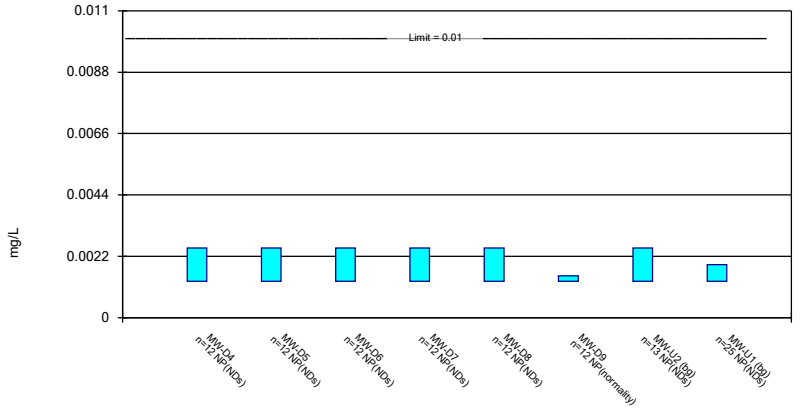
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Antimony Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

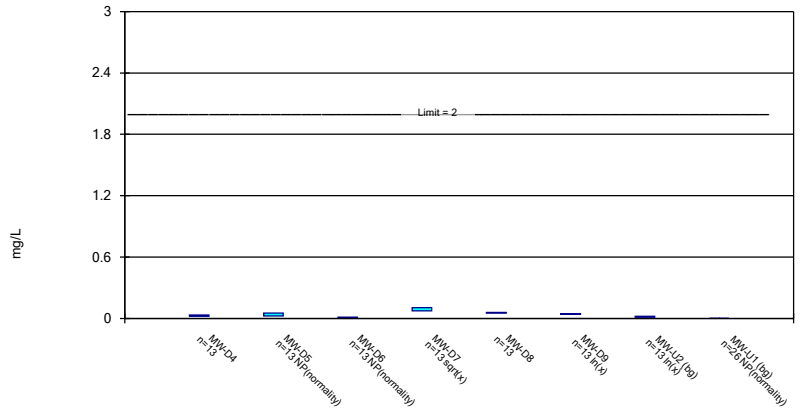
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Arsenic Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Parametric and Non-Parametric (NP) Confidence Interval

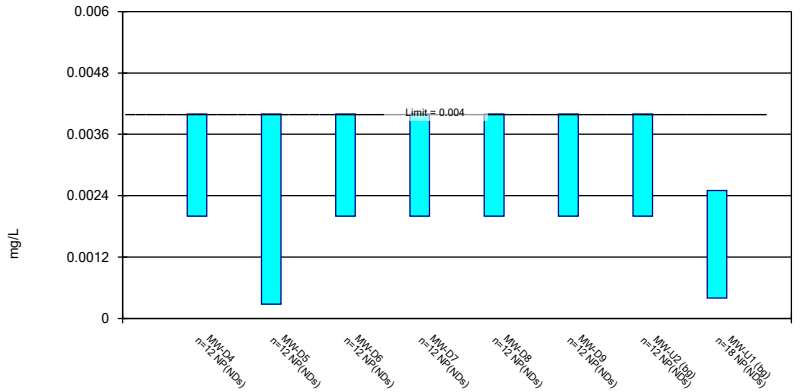
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Barium Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

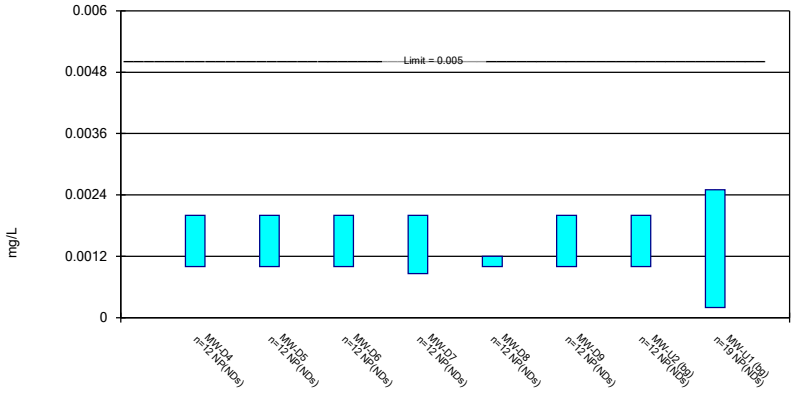
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Beryllium Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

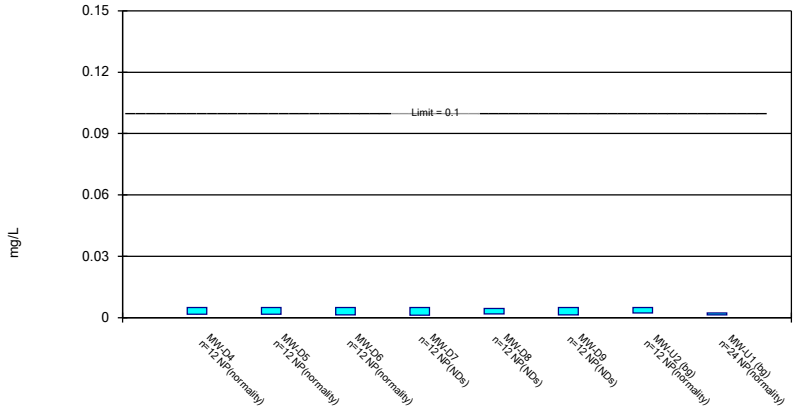
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cadmium Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

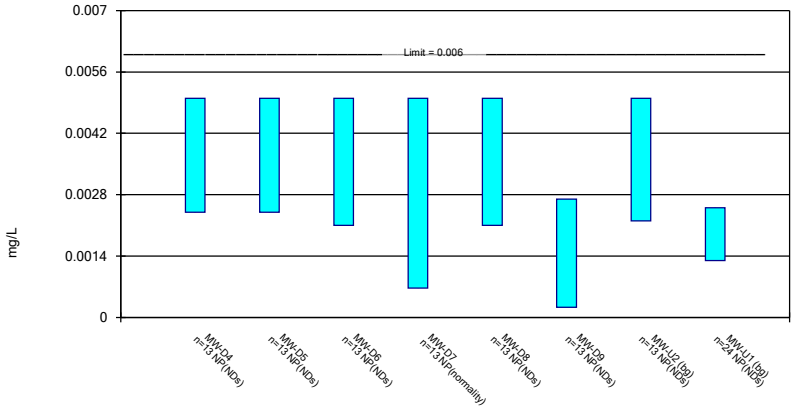
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Chromium Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

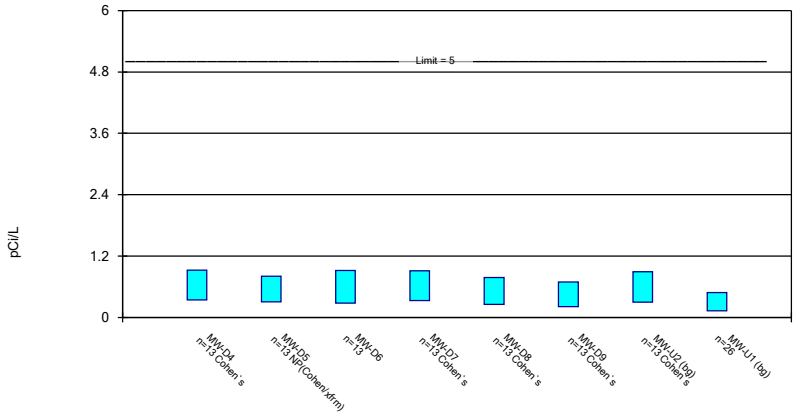
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Cobalt Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Parametric and Non-Parametric (NP) Confidence Interval

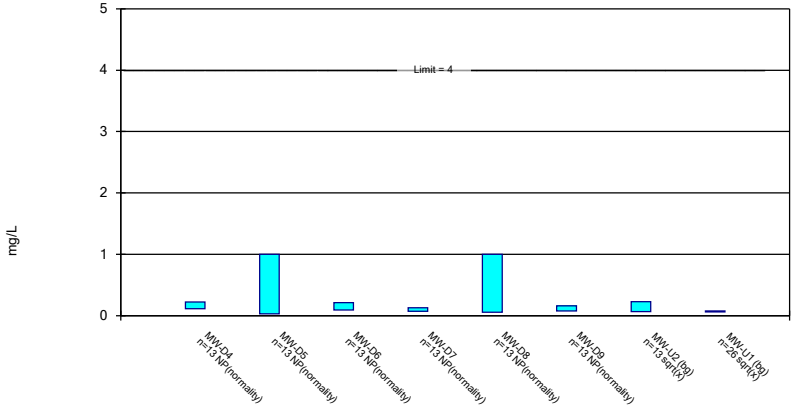
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Seco
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Parametric and Non-Parametric (NP) Confidence Interval

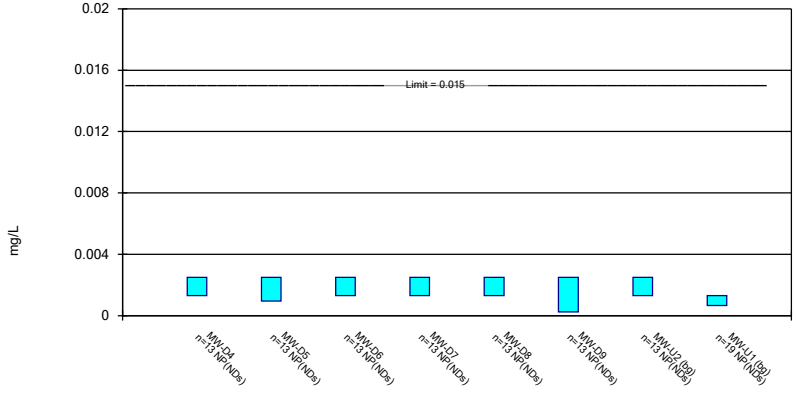
Compliance Limit is not exceeded. Per-well alpha = 0.01. Normality Test: Shapiro Wilk, alpha based on n.



Constituent: Fluoride Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

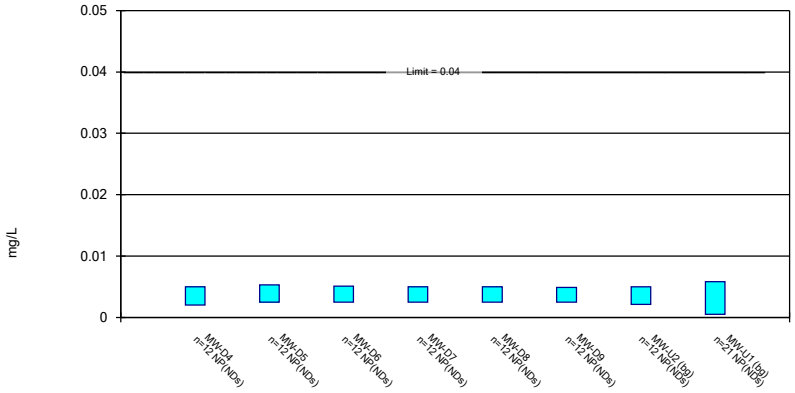
Compliance Limit is not exceeded. Per-well alpha = 0.01.



Constituent: Lead Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

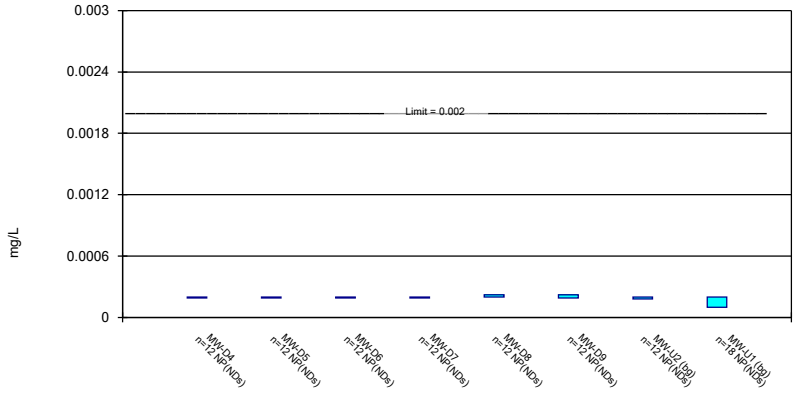
Compliance Limit is not exceeded. Per-well alpha = 0.01.



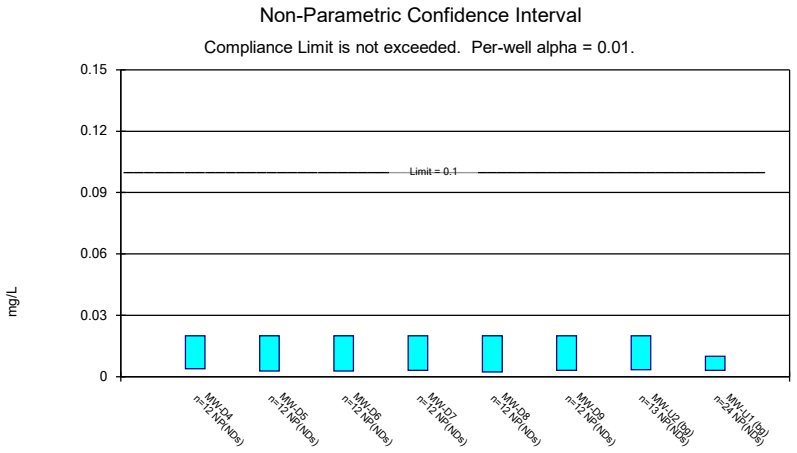
Constituent: Lithium Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

Non-Parametric Confidence Interval

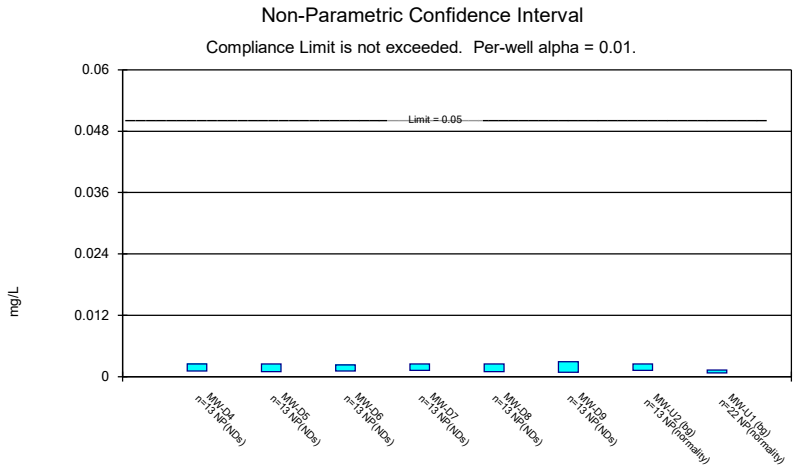
Compliance Limit is not exceeded. Per-well alpha = 0.01.



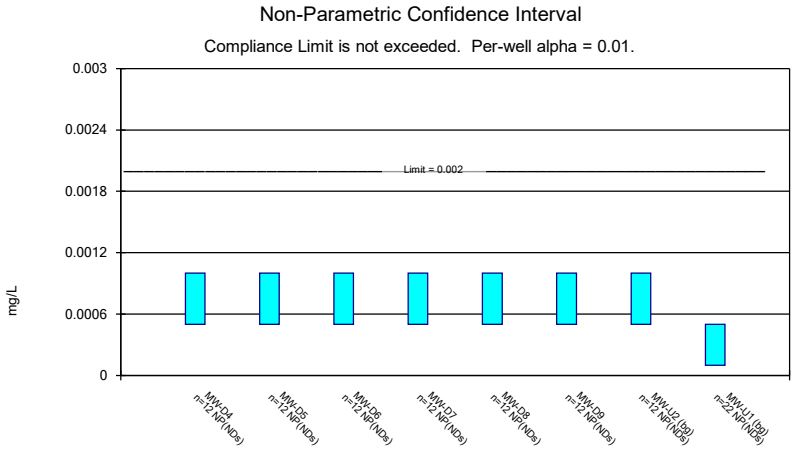
Constituent: Mercury Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



Constituent: Molybdenum Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



Constituent: Selenium Analysis Run 6/17/2025 10:06 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input



Constituent: Thallium Analysis Run 6/17/2025 10:07 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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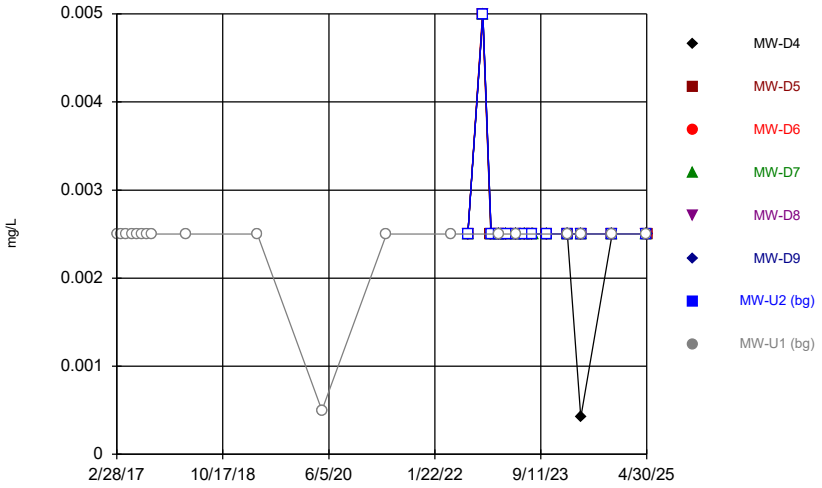
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 6/17/2025 10:10 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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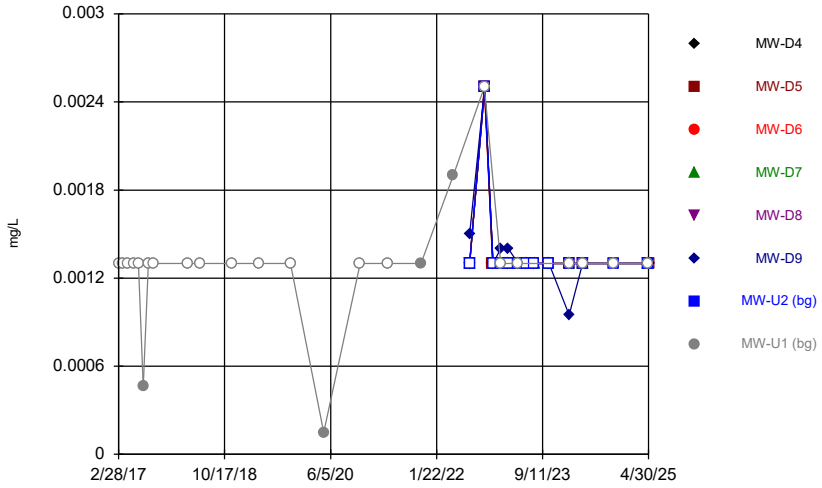
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Analysis Run 6/17/2025 10:10 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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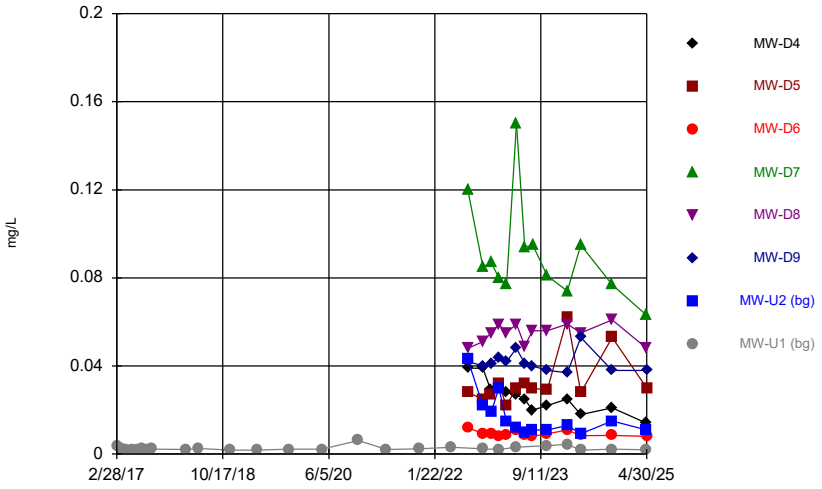
Time Series



Constituent: Barium Analysis Run 6/17/2025 10:10 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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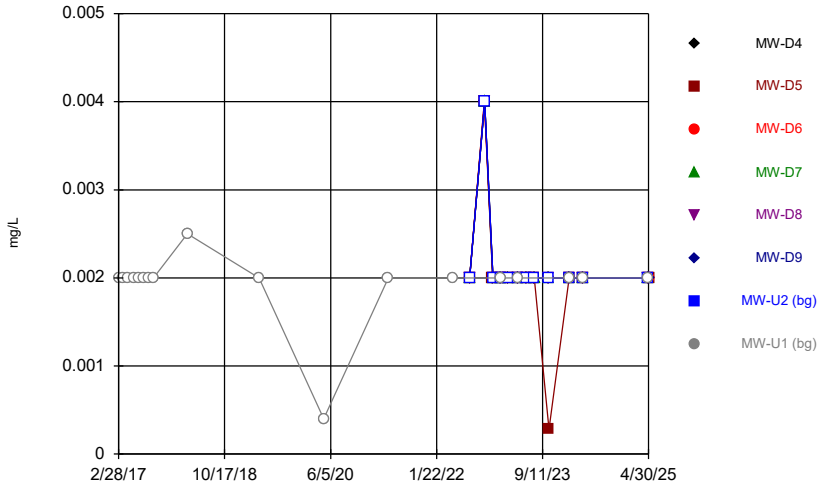
Hollow symbols indicate censored values.

Time Series



Constituent: Beryllium Analysis Run 6/17/2025 10:10 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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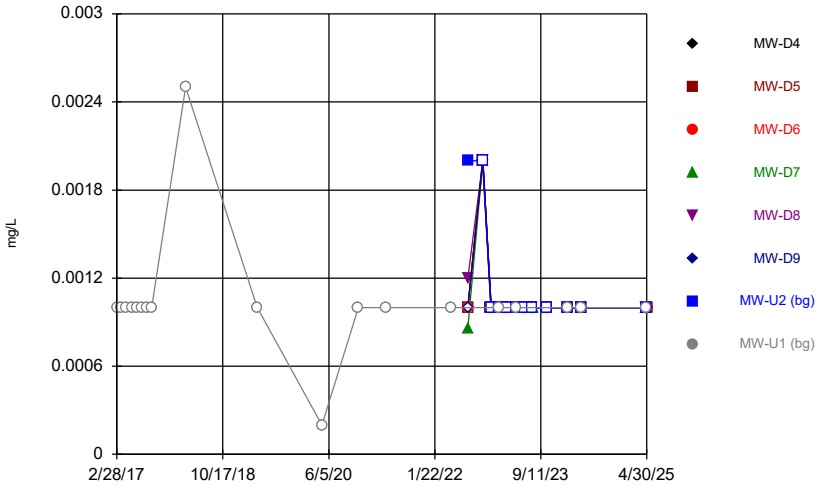
Hollow symbols indicate censored values.

Time Series



Constituent: Cadmium Analysis Run 6/17/2025 10:10 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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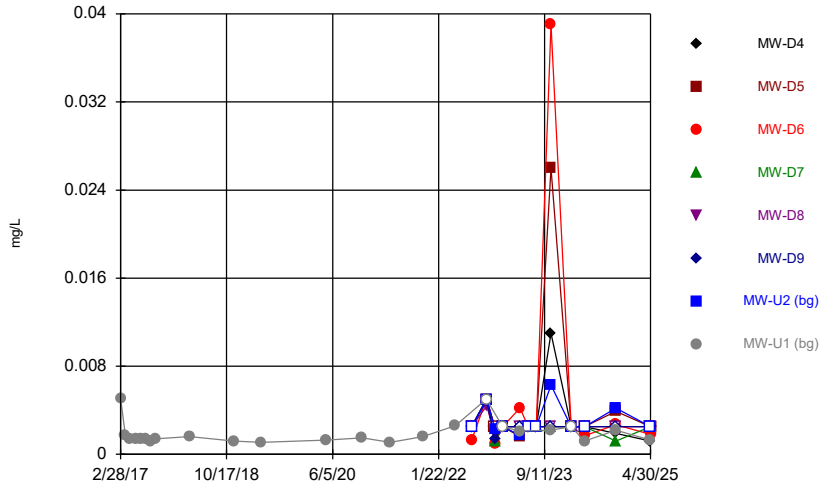
Hollow symbols indicate censored values.

Time Series



Constituent: Chromium Analysis Run 6/17/2025 10:10 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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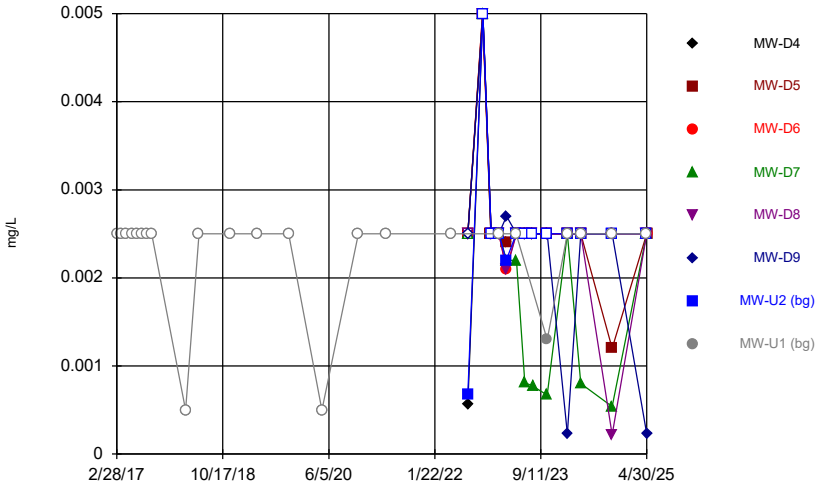
Hollow symbols indicate censored values.

Time Series



Constituent: Cobalt Analysis Run 6/17/2025 10:10 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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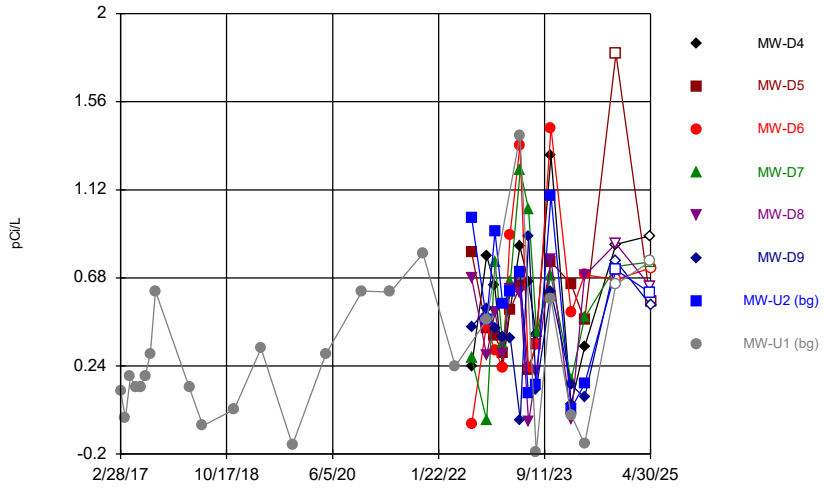
Hollow symbols indicate censored values.

Time Series



Constituent: Combined Radium 226 + 228 Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Seco
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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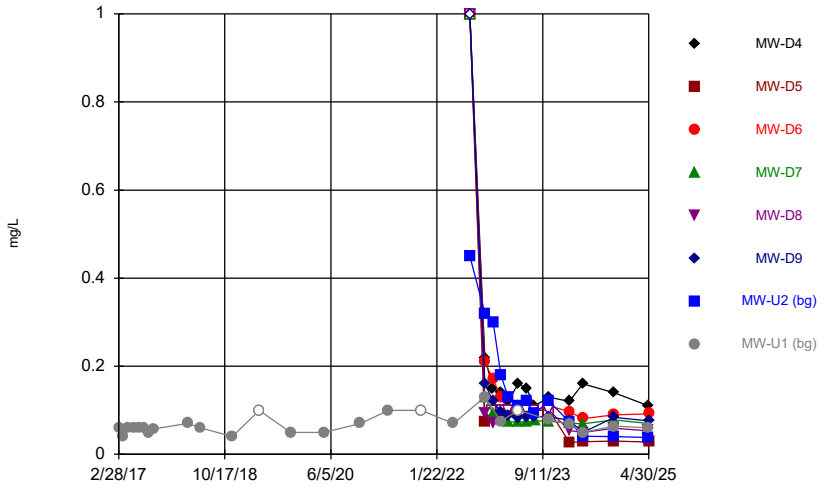
Hollow symbols indicate censored values.

Time Series



Constituent: Fluoride Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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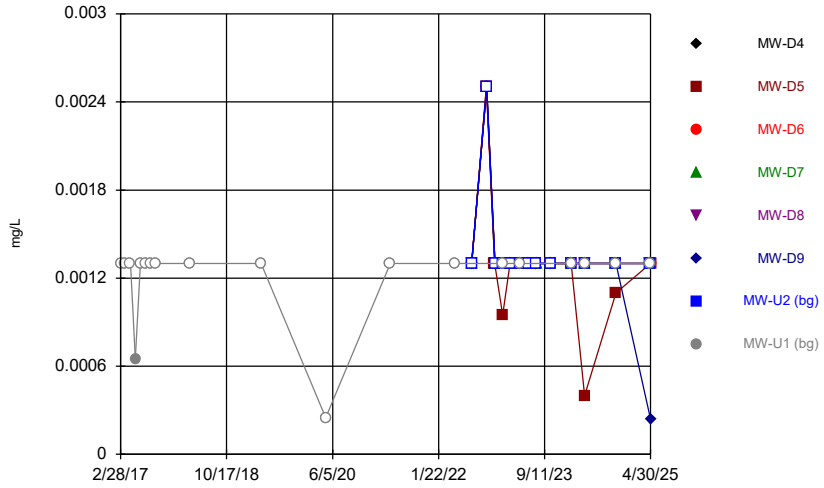
Hollow symbols indicate censored values.

Time Series



Constituent: Lead Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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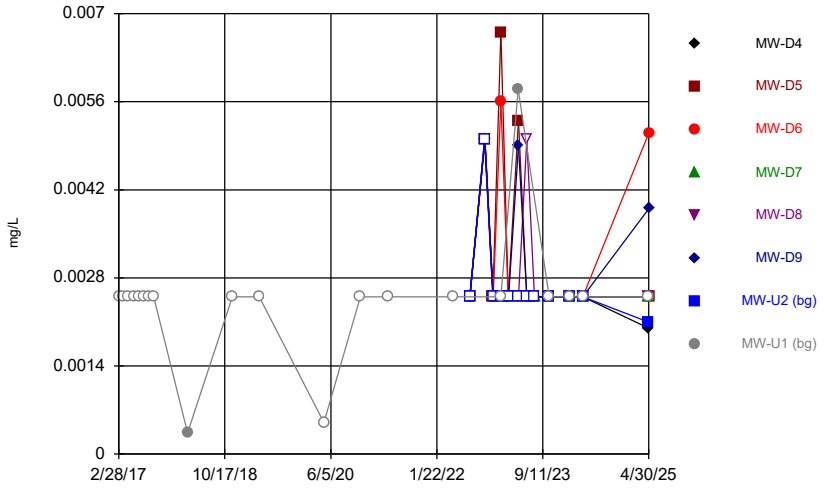
Hollow symbols indicate censored values.

Time Series



Constituent: Lithium Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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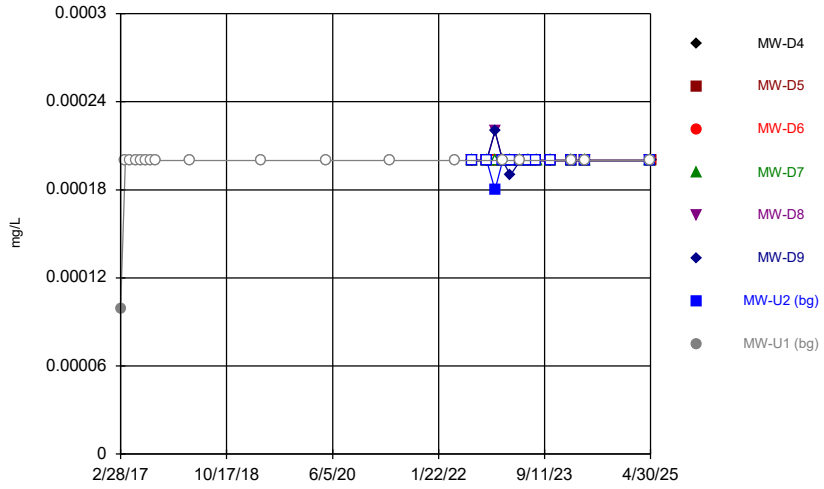
Hollow symbols indicate censored values.

Time Series



Constituent: Mercury Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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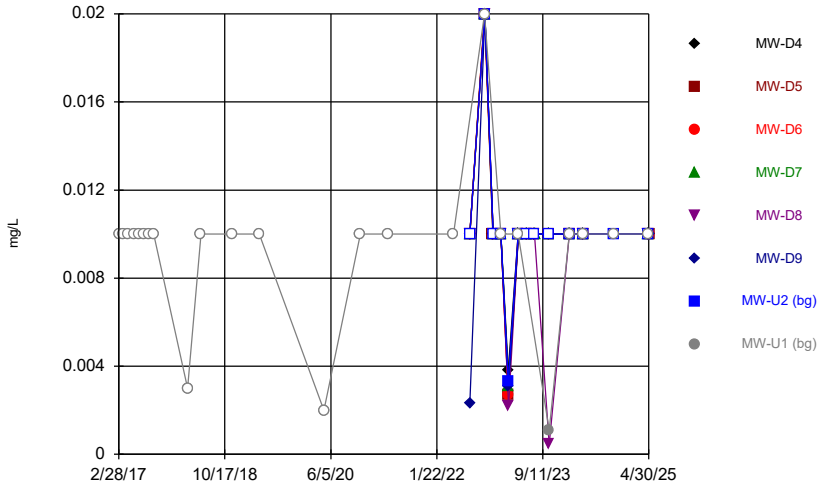
Hollow symbols indicate censored values.

Time Series



Constituent: Molybdenum Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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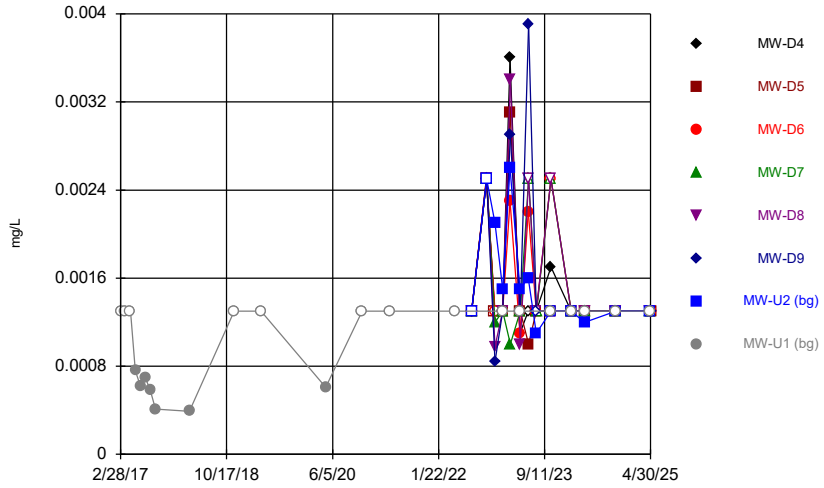
Hollow symbols indicate censored values.

Time Series



Constituent: Selenium Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input

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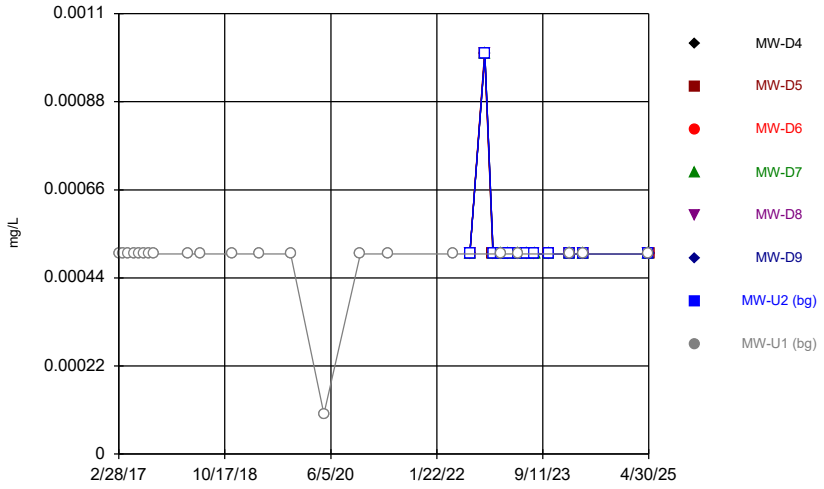
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 6/17/2025 10:11 AM View: CCPC - Former Secondary Ash Areas
CCPC Plant Crisp Ash Pond Site Client: Geosyntec Data: Sanitas Input