Background Monitoring Update Report & Alternative Source Demonstration – Addendum #3

Gibbons Creek Steam Electric Station

Gibbons Creek Environmental Redevelopment Group, LLC

June 5, 2026

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Table of Contents

1.0 Introduction 1
1.1 GCSES Area Hydrogeology 4
1.2 GCSES Area Geochemistry – Pyrite and pH 4
2.0 Site's CCR Analytical Data 5
3.0 Alternative Sources Evaluation & Monitoring Well Expansion – Field Services 5
3.1 Monitoring Wells & Piezometers Groundwater Sampling 6
4.0 Alternative Sources Evaluation – Groundwater Results 7
4.1 Groundwater Flow 7
4.1.1 SFL CCR Unit Groundwater Flow 7
4.1.2 SSP/APs CCR Unit Groundwater Flow 8
4.2 Groundwater Results 8
4.2.1 Groundwater pH & ORP Evaluation 8
4.2.2 Constituents with Historical GWPS Exceedances 9
4.2.3 Graphical Evaluation of Appendix III and Appendix IV Monitored Constituents 10
4.3 SFL Liquids Field Measurements & Analytical Results 11
4.4 GCSES Site-Wide Prediction Limits 12
5.0 ASD Conclusions 13
6.0 Background Threshold Values Evaluations 14
6.1 Data Compilation 15
6.1.1 Statistical Analysis – Data Review 16
6.2 Proposed BTVs 17
6.3 Conclusion of Background Monitoring Update 19
7.0 References 20

List of Tables

Table 1 – 2019 ASD Appendix IV Constituent Exceedances 2
Table 2 – Background Sampling Event Dates 6
Table 3 – Appendix IV Constituent Exceedances 9
Table 4 – SFL CCR Unit Piezometer Liquids Field Measurements 12
Table 5 – SFL CCR Unit Compliance Monitoring Network 14
Table 6 – Former SSP/APs CCR Units Compliance Monitoring Network 15
Table 7 – Proposed BTVs and GWPSs 18

Figures

Figure 1 – Site Location Map
Figure 2A – SFL Site Map
Figure 2B – SSP/APs Site Map
Figure 3A – SFL Groundwater Contour Map (Shallow) – March 27, 2026
Figure 3B – SFL Groundwater Contour Map (Deep) – March 27, 2026
Figure 4A – SSP/APs Groundwater Contour Map (Shallow) – March 27, 2026
Figure 4B – SSP/APs Groundwater Contour Map (Deep) – March 27, 2026

Appendices

Appendix A Groundwater & Liquids Analytical Summary Tables
Table A-1: Monitoring Well Piezometer Well Construction and Water Level Summary
Table A-2: Groundwater Analytical Results – Monitoring Wells/Piezometers
Table A-3: Liquids Analytical Results – Site F Landfill Piezometers
Appendix B Groundwater Sampling Field Forms
Appendix C – Laboratory Analytical Reports
Appendix D – Analytical Data Graphs
Appendix E – Statistical Analysis – Time Series & Box Plots
Appendix F – Statistical Analysis – Outliers & Trend Tests
Appendix G – Statistical Analysis – Prediction Limits Summary

Table of Abbreviations and Acronyms

Abbreviation	Definition
AGWMCAR	Annual Groundwater Monitoring and Corrective Action Report
AMSL	Above Mean Sea Level
APs	Ash Ponds
ASD	Alternative Source Demonstration
BTVs	Background Threshold Values
CCR	Coal Combustion Residuals
CFR	Code of Federal Regulations
EPA	Environmental Protection Agency
GCERG	Gibbons Creek Environmental Redevelopment Group, LLC.
GCSES	Gibbons Creek Steam Electric Station
GWPS	Groundwater Protection Standard
HDR	HDR Engineering, Inc.
LLDPE	Linear Low-Density Polyethylene
PRB	Powder River Basin
RCL	Recompacted Clay Liner
RL	Reporting Limit
SFL	Site F Landfill
SSI	Statistically Significant Increase
SSL	Statistically Significant Level
SSP	Scrubber Sludge Pond
TAC	Texas Administrative Code
TCEQ	Texas Commission of Environmental Quality
TDS	Total Dissolved Solids
TMPA	Texas Municipal Power Agency
Wood	Wood Environment & Infrastructure Solutions, Inc.

1.0 Introduction

This report has been prepared by HDR Engineering Inc. (HDR) on behalf of Gibbons Creek Environmental Redevelopment Group, LLC (GCERG) for the former Gibbons Creek Steam Electric Station (GCSES or Site). The GCSES is a former coal-fired power generation facility located in Anderson, Texas. The location of GCSES is depicted on **Figure 1**. The Texas Municipal Power Agency (TMPA) operated GCSES between 1982 and 2019. GCERG acquired the Site in 2021. The GCSES contains one coal combustion residual (CCR) landfill identified as Site F Landfill (SFL), and two former CCR surface impoundments identified as the Scrubber Sludge Pond (SSP) and Ash Ponds (APs). The SFL, SSP, and APs CCR Units are depicted on **Figures 2A** and **2B**. These locations are subject to the U.S. Environmental Protection Agency's (EPA's) CCR Rule [40 CFR §257] and Texas Commission on Environmental Quality's (TCEQ) Title 30, Texas Administrative Code (30 TAC), Chapter 352.

The APs were clean closed (closure by removal) in 2022. The APs were an unlined, interconnected, three-cell impoundment area which was separated by earthen dikes, constructed in 1977 to 1978 as part of the original GCSES construction. These ponds were approximately 260 ft wide, 1,800 ft long and 20 ft deep. The top of the perimeter berms/dikes were at an elevation of approximately 270 feet above mean sea level (AMSL).

The SSP was clean closed (closure by removal) in 2022. The former SSP is located to the west of the APs and was a single impoundment constructed in 1977 to 1978. A liner was added to the bottom of the pond in 1983. The pond measurements were approximately 260 feet and 350 feet wide and 615 feet and 635 feet long (measured at the bottom of the impoundment).

The SFL, located northeast of the decommissioned power generating plant and constructed in 1990, is approximately 114 acres and received solid CCR generated by the GCSES. The SFL CCR Unit was closed with the following capping system:

- 6 inches of erosion layer;
- Underlain by 18 inches of infiltration layer;
- Underlain by a geocomposite;
- Underlain by a 40 mil linear low-density polyethylene (LLDPE) geomembrane layer;
- Underlain by 2 feet of recompacted clay liner (RCL) with a hydraulic conductivity of $1x10^{-5}$ centimeters per second (cm/sec) or slower;
- Underlain by 1 foot of intermediate cover.

Capping system construction activities associated with the SFL CCR Unit were completed October 9, 2024.

An alternative source demonstration (ASD) dated April 2019 was prepared by Wood Environment & Infrastructure Solutions, Inc. (Wood) on behalf of TMPA to account for select constituents of concern exceeding the groundwater protection standard (GWPS) at a statistically significant level (SSL). The Appendix IV [40 CFR §257] constituents noted to be exceeding the specific GWPS at a SSL by Wood in the April 2019 ASD [Wood, 2019] are summarized in **Table 1**.

Table 1: 2019 ASD Appendix IV Constituent Exceedances

CCR Unit	Downgradient Well	Appendix IV Constituents
Ash Ponds	AP MW-3	Cobalt
	AP MW-5	Beryllium, Cobalt
Scrubber Sludge Pond	SSP MW-2	Beryllium, Cobalt
	SSP MW-3	Beryllium, Cadmium, Cobalt, $Radium_{226+228}$
Site F Landfill	SFL MW-3	Beryllium, Cadmium, Cobalt, Lead
	SFL MW-5	Beryllium, Cobalt, Lithium, $Radium_{226+228}$
	SFL MW-6	Beryllium, Cadmium, Cobalt, Lithium, $Radium_{226+228}$
	MNW-15	Beryllium, Cadmium, Cobalt

Notes:

1. Information noted in Wood's Alternative Source Demonstration report dated April 2019.

The 2019 ASD [Wood, 2019] indicated each constituent noted in **Table 1,** with the exception of lithium, was influenced by the presence of lignite deposits and the groundwater's naturally low pH. The oxidation (weathering) of pyrite in lignite coal releases hydrogen ions, which lowers the groundwater pH. The coupling of this lowered pH, reduction-oxidation state of the aquifer, and geology of the site is causing naturally present constituents of concern to be released and is not considered to be a result of the CCR units on the property. For lithium, the 2019 ASD indicates it is naturally present in the region and that GWPS exceedances of lithium are due to natural variability.

In subsequent monitoring events following the 2019 ASD, additional Appendix IV constituents were detected at a SSL above the GWPS. These additional constituents include cadmium (AP MW-5), cobalt (SFL MW-2; AP MW-1D), and thallium (SFL MW-3; SFL MW-6; SSP MW-3; AP MW-5) as noted in the Site's 2022 Annual Groundwater Monitoring and Corrective Action Report (AGWMCAR) [HDR, 2023a]. In the Site's 2021 AGWMCAR [HDR, 2022], an expansion of the 2019 ASD was included to address these additional constituent exceedances. It was noted in the 2021 AGWMCAR that these additional constituents were present as a result of the lower pH, reduction-oxidation state of the aquifer, and geology noted in the 2019 ASD and not due to a release from the CCR units. Additional information related to compliance is provided in the AGWMCAR's, which includes but is not limited to constituent concentrations for each monitoring event at each monitoring well for the CCR units and the background threshold values (BTVs) at the time of reporting.

On June 1, 2021, the EPA signed a Federal Register notice approving the state permit program for the management of CCR in the State of Texas. This provided TCEQ authority to administer their partial permit program in lieu of the federal CCR program, except for five provisions. Under TCEQ's program, the Site is required to be registered with TCEQ. EPA conducted a high-level review of the CCR registration (Registration No. CCR113) for the SFL, SSP, and APs. EPA provided comments to TCEQ in a letter dated March 23, 2023. EPA stated in the letter that the 2019 ASD prepared by Wood was insufficient in demonstrating the GWPS exceedances originate from a source other than SFL, SSP, and APs CCR Units. EPA indicated

no evidence was presented to support the claims that pyrite and lignite are present at the Site, which could lower pH and cause mobilization of constituents of concern. In addition, EPA indicated other geological and soil analytical data were not provided to indicate certain constituents of concern are naturally present at the Site and are not the result of a release from CCR material.

HDR reviewed the 2019 ASD in conjunction with the comments provided by EPA. HDR concurs with the mechanisms noted in the 2019 ASD, which indicates an alternative source is contributing to the release of constituents of concern. However, background and supporting data were lacking in the original ASD which could have provided additional context. HDR developed an ASD report dated October 6, 2023, which included additional context and data to address EPA's comments, as well as provide additional information related to the hydrogeochemistry of the Site. During development of the 2023 ASD, evidence was provided that indicated there were vertical differences in groundwater chemistry due to pH influences and that monitoring wells in the certified monitoring networks at the Site's CCR units may be monitoring in distinctly different, naturally present groundwater units.

As a result of the identification of these distinctly different monitored groundwater zones, it was recommended that the SFL certified monitoring network be separated into a shallow and deep monitoring network. However, with the modification of the SFL certified monitoring network, the deep monitoring network would not have a sufficient number of downgradient monitoring wells to meet the requirements of the EPA's CCR Rule and TCEQ regulations. This modification also caused monitoring zone gaps in the shallow and deep monitoring networks. During a conference call between TCEQ, GCERG, and HDR on April 3, 2024, TCEQ discussed concerns about the 2023 ASD related to geological information at or near monitoring wells with elevated constituents of concern, if a true upgradient monitoring well was monitoring the shallow groundwater, and how a release from the CCR unit would be identified. In addition, TCEQ discussed remedies to rectify the certified monitoring network for the SFL CCR Unit. On May 10, 2024, TCEQ provided an e-mail summarizing their comments related to the 2023 ASD. TCEQ's comments related to monitoring well SFL MW-6 and Site stratigraphy were addressed in HDR's Alternative Source Demonstration – Addendum #1 report dated August 4, 2025 (HDR, 2025a).

To address TCEQ's concerns regarding the Site's certified monitoring networks, as well as to further gather evidence of the alternative source impacting groundwater chemistry at the Site, a workplan was developed to install new and incorporate existing monitoring wells into the SFL, SSP, and APs certified networks to address data gaps in compliance monitoring as well as to collect additional hydrogeological data at the Site to bolster the ASD. This workplan, dated October 22, 2024, was submitted to TCEQ for their review. A conference call between TCEQ, GCERG, and HDR was conducted on March 7, 2025, to discuss the workplan. On March 17, 2025, TCEQ provided an e-mail summarizing their comments regarding the workplan and potential compliance monitoring issues at the Site. TCEQ's March 17, 2025, comments were addressed in HDR's report dated August 4, 2025 (HDR, 2025a).

Drilling advancement, monitoring well installation, and soil sampling services were conducted at the Site in general accordance with the workplan dated October 22, 2024, and summarized in HDR's Alternative Source Demonstration – Addendum #1 report dated August 4, 2025. The August 4, 2025, report also summarized groundwater sampling services and results for the Spring 2025 semiannual compliance monitoring event at monitoring wells in the current Site monitoring network, the initial background sampling event at newly installed monitoring wells, and additional sampling conducted at select monitoring wells for additional data related to the ASD evaluation. The August 4, 2025, report was submitted to TCEQ for their review and comment. Based on the information in the August 4, 2025, report, TCEQ indicated they were proceeding with approval of the CCR Registration Application for the Site. GCERG received the CCR Registration for the Site which was executed by TCEQ on November 14, 2025.

As indicated in the October 22, 2024, workplan, eight rounds of background groundwater sampling needs to be conducted at the newly installed monitoring wells and existing wells converted for groundwater sample collection at the Site. During discussions between GCERG, TCEQ, and HDR on September 2, 2025, it was indicated that additional groundwater data and results would be provided to TCEQ following the completion of the fourth background sampling event and the eighth background sampling event. The Alternative Source Demonstration - Addendum #2 report, dated January 5, 2026, (HDR, 2026) summarized groundwater monitoring and sampling results for the initial four groundwater monitoring events conducted in accordance with the October 22, 2024, workplan. Based on the additional monitoring events reported in the January 5, 2026, report, the ASD conclusions remained unchanged when compared to the information provided in the Alternative Source Demonstration – Addendum #1 report.

Background sampling has continued in accordance with the October 22, 2024, workplan. This report summarizes groundwater monitoring and sampling results from the fifth, sixth, seventh, and eighth background sampling events.

With the completion of the background sampling events conducted in accordance with the October 22, 2024, workplan, BTVs have been calculated for the revised monitoring well networks for the SFL, SSP, and APs CCR Units. The revised monitoring well networks are detailed in the Groundwater Monitoring System Certification dated October 2025 (HDR, 2025b). This report summarizes the statistical evaluations used for establishing BTVs for each CCR unit. Details of the statistical evaluation are summarized in **Section 6.0**.

1.1 GCSES Area Hydrogeology

A detailed summary of the GCSES Area Hydrogeology is summarized in the Alternative Source Demonstration – Addendum #1 report dated August 4, 2025 (HDR, 2025a).

1.2 GCSES Area Geochemistry – Pyrite and pH

A detailed discussion of the GCSES Area Geochemistry and the influence of deposited pyrite and pH on constituents in groundwater is summarized in the Alternative Source Demonstration – Addendum #1 report dated August 4, 2025 (HDR, 2025a).

2.0 Site's CCR Analytical Data

The SFL, SSP, and APs contained CCR material that consisted of flue gas desulfurization (FGD) sludge, bottom ash, economizer ash pyrites, and/or fly ash. The fuel source for these CCR materials included locally mined lignite from the Gibbons Creek Lignite Mine during the period from approximately 1982 through 1996. During the period from approximately 1996 through closure of GCSES in 2019, bituminous coal from Wyoming's Powder River Basin (PRB) was used at the site because the lignite from the Gibbons Creek Lignite Mine is generally higher in sulfur content and occasionally resulted in higher ash contents when compared to other coal sources (i.e., PRB coal) [Black & Veatch, 1986].

A general characteristic of CCR at the GCSES is its alkaline nature. Ash generated from lignite material has relatively large quantities of lime, which made it a viable option for incorporation into the FGD scrubbing process. FGD sludge is the result of treatment via lime, limestone, and alkaline ash. A potential recommendation for handling fly ash at the GCSES prior to startup in 1982 was to possibly dispose of the material with acidic mine spoils from the lignite mine. The addition of the alkaline ash material would reduce the acidity of the mine spoils in an effort to reduce contamination from mining operations [TERA, 1976]. Ash samples collected from the Site A Landfill, which is located to the north of GCSES and contained ash from lignite combustion, generally had pH values higher than neutral with a mean value of 7.1 and maximum value of 8.0 [MKC, 1990]. Soil used to cap the Site A Landfill had eight of the 29 soil samples with pH values below 5.0 with a mean of the soil samples having a pH of approximately 5.6. The soils used in the cap were a composite of native soil horizons that were present at the GCSES facility and potentially had pyrite deposits that could contribute to the lower pH of the cap material when compared to the CCR.

Leachate and water in contact with CCR sediments at GCSES have pH that is basic. Leachate seeps observed in the Site A Landfill cap were sampled to evaluate constituents, and the pH of the leachate was 8.4 [MKC, 1990]. Sampling conducted on discharge from the former APs outfall had pH values ranging from 7.5 to 8.5. Sampling conducted on fluid from the SSP during a 1983 study had a pH value of 7.8. Leachate collected from piezometers at the SFL during a 2003 sampling event had pH values ranging from 8.6 to 9.7 [Wood, 2019]. In July 2025, liquid samples were collected from piezometers F2 and F3, which are located in the SFL. The F2 and F3 liquid samples had pH values of 8.70 and 9.61, respectively.

3.0 Alternative Sources Evaluation & Monitoring Well Expansion – Field Services

Field services for boring advancement, soil sampling and analysis, and monitoring well installation in accordance with the October 22, 2024, workplan are summarized in HDR's Alternative Source Demonstration – Addendum #1 dated August 4, 2025. Details related to the initial groundwater sampling event conducted in May and June 2025 are summarized in the August 4, 2025, report. Details regarding the second, third, and fourth sampling events are summarized in the January 5, 2026, report.

This report summarizes field services conducted during the fifth, sixth, seventh, and eighth background sampling events for the monitoring wells installed in 2025 and existing wells converted from water level only gauging monitoring points to groundwater sampling monitoring points at the SFL and SSP/APs CCR Units. The following subsections summarize groundwater sampling and results from the November 2025, January 2026, February 2026, and March/April 2026 monitoring events.

3.1 Monitoring Wells & Piezometers Groundwater Sampling

Since initiation of the background sampling at the newly installed monitoring wells and existing, converted wells for the proposed revised groundwater monitoring networks at the CCR units, groundwater sampling field services have been conducted at each sampled monitoring well at a minimum of five weeks from the previous sampling event. This minimum five-week separation is intended to provide sufficient time between sampling events to allow statistical independence between samples collected for the background dataset. The dates of the eight background sampling events are summarized on **Table 2**.

Table 2: Background Sampling Event Dates

Background Sampling Event	Field Sampling Service Dates
First	May 19 - 22, 2025 & June 2 - 5, 2025
Second	July 16 - 18, 2025 & July 21 - 23, 2025
Third	August 22, 2025 & August 25 - 28, 2025
Fourth	October 10, 2025 & October 13 - 16, 2025
Fifth	November 11 - 14, 2025 & November 17 - 20, 2025
Sixth	January 2, 2026 & January 5 - 8, 2026
Seventh	February 13, 2026 & February 16 - 19, 2026
Eighth	March 27, 2026 & March 30 - April 1, 2026

The monitoring wells gauged for depth to groundwater for the eight background sampling events are summarized on **Table A-1, Appendix A**. The monitoring wells sampled during each monitoring event are summarized on **Table A-2, Appendix A** along with the reported analytical results. The monitoring well locations are depicted on the attached **Figures 2A** and **2B**.

Water levels were measured at each monitoring well and piezometer before well purging and sampling began. The water level measurements and calculated groundwater elevations are summarized on **Table A-1, Appendix A**. Wells proposed for groundwater sample collection were purged until field parameters (pH, turbidity, conductivity, dissolved oxygen, temperature, and oxidation reduction potential) stabilized. Purging and sampling was conducted using either a peristaltic pump and disposable tubing or submersible bladder pump with disposal bladder and disposable tubing, depending on the depth of water. The results of field measurements were recorded on field data forms (**Appendix B**), which are maintained as part of the field records. After field parameters stabilized, samples were collected and submitted to the analytical laboratory for totals analysis of the Appendix III and IV constituents as well as aluminum, iron, magnesium, potassium, sodium, and alkalinity. If the turbidity of the sample was greater than 10 Nephelometric Turbidity Units (NTUs), a field filtered sample was collected and analyzed for select metal constituents. Groundwater samples were submitted to Eurofins Dallas

under chain-of-custody procedures for laboratory analysis. Laboratory analytical reports are included in **Appendix C**. The groundwater analytical results and field parameters are summarized on **Table A-2, Appendix A**.

During the fifth, sixth, seventh, and eighth background sampling events, a groundwater sample was collected from each monitoring well proposed to have a sample collected. Groundwater samples were collected from monitoring wells SFL MW-1S – Proposed and SFL MW-6D via non-dedicated bailers during each of these sampling events. Purging was not conducted prior to collecting the grab samples from monitoring wells SFL MW-1S – Proposed and SFL MW-6D.

Statistical evaluation of the background data from these monitoring wells was conducted following completion of the eighth background sampling event. The statistical evaluations which established BTVs for the CCR units are summarized in **Section 6.0**.

4.0 Alternative Sources Evaluation – Groundwater Results

The following subsections summarize the results from groundwater monitoring conducted during the fifth through eighth background sampling events conducted at the SFL and SSP/APs CCR Units. Details regarding the first through fourth background sampling events of groundwater and results associated with soil sampling, observation, and analysis are summarized in the Alternative Source Demonstration – Addendum #1 report dated August 4, 2025 and Alternative Source Demonstration – Addendum #2 report dated January 5, 2026.

4.1 Groundwater Flow

Groundwater gauging was conducted at existing and newly installed monitoring wells at the Site on November 11, 2025, January 2, 2026, February 13, 2026, and March 27, 2026, for the fifth, sixth, seventh, and eighth background sampling events, respectively. The water level measurements and calculated groundwater elevations for the gauging events are summarized on **Table A-1, Appendix A**. Monitoring wells and piezometers were aggregated into shallow groundwater monitoring and deep groundwater monitoring networks for the SFL CCR Unit and SSP/APs CCR Units.

Interpolated groundwater elevation contours and interpreted groundwater flow are depicted on the attached **Figure 3A** (SFL Shallow Groundwater), **Figure 3B** (SFL Deep Groundwater), **Figure 4A** (SSP/APs Shallow Groundwater), and **Figure 4B** (SSP/APs Deep Groundwater) for the eighth background sampling event conducted in March and April 2026. To assist with groundwater contour development, the surface water elevation from the Gibbons Creek Reservoir was incorporated into the groundwater flow figures. The Gibbons Creek Reservoir surface water elevation on March 27, 2026, was 246.73 feet AMSL [TWDB, 2026].

4.1.1 SFL CCR Unit Groundwater Flow

For the groundwater level measurements conducted during the eighth background sampling event, flow in the shallow groundwater at the SFL CCR Unit (**Figure 3A**) appears to be

generally to the south and southeast. There is some localized flow to the east-northeast in the area adjacent to monitoring well SFL MW-6 due to the elevated groundwater elevation at that monitoring well. Based on these groundwater elevations, monitoring wells upgradient or background relative to the SFL CCR Unit in the shallow groundwater are SFL MW-1S-Proposed, SFL MW-1S-Contingency, SFL MW-6, and MNW-17.

Groundwater flow in the deeper groundwater at the SFL CCR Unit (**Figure 3B**) appears to be generally southeast, south, and southwest. There appears to be an elevated piezometric surface that runs through the SFL CCR Unit which divides groundwater flow to the southeast and southwest. Based on these groundwater elevations, monitoring well MNW-18 is upgradient relative to the SFL CCR Unit in the deeper groundwater.

4.1.2 SSP/APs CCR Unit Groundwater Flow

For the groundwater level measurements conducted during the eighth background sampling event, flow in the shallow groundwater at the SSP/APs CCR Units (**Figure 4A**) appears to be generally to the northeast, east, and southeast in close proximity to the APs area and southwest in close proximity to the SSP area. Groundwater flow in the deeper groundwater at the SSP/APs CCR Units (**Figure 4B**) also appears to be generally to the northeast, east, and southeast in close proximity to the APs area and southwest in close proximity to the SSP area. There appears to be a groundwater divide that runs through the central part of the former power plant and between the SSP and APs CCR Units. The groundwater flow to the northeast, east and southeast relative to the APs area is generally in the direction of the Gibbons Creek Reservoir and Gibbons Creek Valley. The groundwater flow to the southwest relative to the SSP area is directed to the Big Branch Creek and Carlos Lake area to the southwest of the Site.

Due to the similarities between the groundwater flow at SSP/APs CCR Units, there may be more interconnectivity between the shallow and deep groundwater than what is observed at the SFL CCR Unit. This interconnectivity could be the result of former development and excavation work associated with the former power plant. This associated work may have removed overburden or low conductivity layers which may have caused more interaction and mixing of shallow and deep groundwater.

Based on the groundwater interpolation for these background monitoring events, monitoring wells SSP MW-1, SSP/AP MW-1, SSP MW-5S, SSP MW-5D, SSP MW-6S (REH-1), SSP MW-6D, AP MW-6, and AP PZ-1 are upgradient or background relative to the SSP/APs CCR Units. This includes both shallow and deep monitored groundwater units.

4.2 Groundwater Results

Groundwater sampling was conducted at the Site during the eight background sampling event dates summarized on **Table 2**. The groundwater analytical results and field parameters for each sampling event are summarized on **Table A-2, Appendix A**.

4.2.1 Groundwater pH & ORP Evaluation

As part of the assessment activities for the ASD, pH and ORP were field measured on each groundwater sample collected during each background sampling event. Graphical comparison of the pH and ORP measurements from the eight background sampling events (**Graph D-1,**

Appendix D) indicates increasing ORP or more oxidizing conditions at the Site generally correlates with a lower pH value, while decreasing ORP or more reducing conditions generally correlates with a higher pH value. The distribution of pH values in each monitored groundwater unit are summarized in the Box & Whiskers Plot included as **Graph D-2, Appendix D**. The distribution of ORP values in each monitored groundwater unit are summarized in the Box & Whiskers Plot included as **Graph D-3, Appendix D**. For the SFL CCR Unit, there was no interquartile overlap of pH values between the shallow and deep groundwater units, but there was some overlap of ORP values. For the SSP/APs CCR Units, there is some interquartile overlap of pH and ORP values when comparing the shallow and deep groundwater units.

4.2.2 Constituents with Historical GWPS Exceedances

As noted in **Section 1.0**, multiple Appendix IV constituents were identified as exceeding their respective GWPS at a SSL in the certified monitoring networks established prior to the development of the 2023 ASD [HDR, 2023b]. The list of Appendix IV constituents detected above a GWPS at an SSL prior to the 2023 ASD development are summarized on **Table 3**.

Table 3: Appendix IV Constituent Exceedances

CCR Unit	Downgradient Well	Appendix IV Constituents
Ash Ponds	AP MW-1D	Cobalt
	AP MW-3	Cobalt
	AP MW-5	Beryllium, Cadmium, Cobalt, Thallium
Scrubber Sludge Pond	SSP MW-2	Beryllium, Cobalt
	SSP MW-3	Beryllium, Cadmium, Cobalt, $Radium_{226+228}$, Thallium
Site F Landfill	SFL MW-2	Cobalt
	SFL MW-3	Beryllium, Cadmium, Cobalt, Lead, Thallium
	SFL MW-5	Beryllium, Cobalt, Lithium, $Radium_{226+228}$
	SFL MW-6	Beryllium, Cadmium, Cobalt, Lithium, $Radium_{226+228}$, Thallium
	MNW-15	Beryllium, Cadmium, Cobalt

Notes:
1. Information noted in HDR's Alternative Source Demonstration report dated October 2023.

The analytical results from the eight background sampling events conducted from May 2025 through April 2026 for the constituents noted on **Table 3** were graphed with their corresponding pH value. In addition, the concentrations measured in groundwater samples collected from the temporary monitoring wells SB-4, SB-5, and SB-9 were also depicted on these graphs (HDR, 2025a). The corresponding graphs for the noted constituents are included in **Appendix D** and are the following:

- **Graph D-4: Beryllium**
- **Graph D-5: Cadmium**
- **Graph D-6: Cobalt**

- **Graph D-7: Lead**
- **Graph D-8: Lithium**
- **Graph D-9: Radium 226+228**
- **Graph D-10: Thallium**

For reference, each upgradient/background monitoring well and temporary monitoring well sample result are depicted on each of the graphs. Generally, on each graph, except for lithium, the highest concentrations are observed in the acidic range of the pH spectrum. It appears that at a pH of about 5.5 and lower, concentrations start to increase. Generally, monitored concentrations in the higher pH range above 5.5 are relatively low to below laboratory reporting limits. Some of the upgradient/background monitoring wells had elevated concentrations measured on the acidic side of the pH spectrum. Though not necessarily the highest concentrations measured during the background sampling events, the presence of the elevated concentrations in the upgradient/background monitoring wells in this acidic groundwater range does indicate the proposed mechanism suggested in this and previous ASDs is functioning at the Site.

Since lithium concentrations are not impacted by natural variations in pH and reduction-oxidation potential [HDR, 2023b], a large spread is noted in concentrations across the pH range at the Site. As indicated in the 2023 ASD [HDR, 2023b], lithium is naturally present in groundwater in the region over a wide range of pH and reduction-oxidation potentials. It was recommended in the 2023 ASD that a revised BTV should be calculated for lithium based on a composite of upgradient/background monitoring wells that are not influenced by a release from a CCR unit.

4.2.3 Graphical Evaluation of Appendix III and Appendix IV Monitored Constituents

In addition to the graphical evaluation of the Appendix IV constituents noted in **Section 4.2.2**, the analytical results for Appendix III constituents and the remaining Appendix IV constituents from the eight background sampling events were graphically evaluated to identify potential correlations between pH and concentration. The concentrations measured in groundwater samples collected from the temporary monitoring wells SB-4, SB-5, and SB-9 were also depicted on these graphs (HDR, 2025a). The corresponding graphs for the noted constituents are depicted in **Appendix D** and include the following:

Appendix III Constituents

- **Graph D-11: Boron**
- **Graph D-12: Calcium**
- **Graph D-13: Chloride**
- **Graph D-14: Sulfate**
- **Graph D-15: TDS**

Appendix IV Constituents

- **Graph D-16: Antimony**
- **Graph D-17: Arsenic**

- **Graph D-18: Barium**
- **Graph D-19: Chromium**
- **Graph D-20: Fluoride**
- **Graph D-21: Mercury**
- **Graph D-22: Molybdenum**
- **Graph D-23: Selenium**

Generally, for boron, sulfate, fluoride, mercury, and selenium, the highest concentrations are observed in the acidic range of the pH spectrum. It appears that at a pH of about 5.5 and lower, concentrations start to increase for these parameters. Generally, monitored concentrations in the higher pH range above 5.5 are relatively low to below laboratory reporting limits. Arsenic and calcium also seem to increase in concentration with decreasing pH; however, the rise in concentration is more muted when compared to other constituents. For chloride, total dissolved solids (TDS), antimony, and chromium, a readily noticeable correlation between pH and concentration does not exist.

For barium, a noticeable increase in concentration occurs as the pH increases. The solubility of barium is generally impacted by the presence of sulfate in groundwater. Lower sulfate concentrations on the alkaline side of the pH spectrum, as indicated on **Graph D-14, Appendix D,** may be contributing to the noticeable increase of barium in the groundwater samples.

For molybdenum, elevated concentrations are observed in a general pH range from 5.5 to 7.5, with lower values observed outside this range. The presence of molybdenum in groundwater is influenced by a pH range that is generally neutral to alkaline. Molybdenum tends to be absorbed to sediment at low pH values (pH range of approximately 2 to 5) but tends to desorb and be present in natural waters when pH moves into the range from 5 to 8 [USDHHS, 2020].

4.3 SFL Liquids Field Measurements & Analytical Results

As noted in **Section 2.0**, historical measurements of liquids that were in contact with CCR indicated pH values that were on the basic end of the pH spectrum. During a gauging event conducted on June 17, 2024, liquids samples were collected from SFL CCR Unit piezometers F2 and F3, and pH was measured on the samples. As a part of implementing the October 2024 workplan, liquids samples were collected from piezometers F2 and F3 on July 23, 2025, and were field analyzed for water quality parameters and submitted for laboratory analysis of the Appendix III and Appendix IV constituents, as well as aluminum, iron, magnesium, potassium, sodium, and alkalinity. The field measured water quality measurements are summarized on **Table 4** for both monitoring events. Analytical results and field parameter measurements for the July 23, 2025, sampling event are summarized on **Table A-3, Appendix A**. The laboratory analysis report for the July 23, 2025, sampling event at piezometers F2 and F3 is included in the Alternative Source Demonstration – Addendum #2 dated January 5, 2026, (HDR, 2026).

Table 4: SFL CCR Unit Piezometer Liquids Field Measurements

Piezometer	Sample Date	pH (SU)	Conductivity (µS/cm)	ORP (mV)	D.O. (mg/L)
F2	6/17/2024	8.70	NM	NM	NM
	7/23/2025	8.70	6,353	-294.1	0.80
F3	6/17/2024	9.54	NM	NM	NM
	7/23/2025	9.61	5,678	-353	0.20

Notes:
D.O. – Dissolved Oxygen
mg/L – milligrams per liter
mV – millivolts
NM – Not Measured
ORP – Oxidation-Reduction Potential
µS/cm – microSiemens per centimeter

For reference, the July 23, 2025, pH and ORP values were included on **Graph D-2** and **Graph D-3**, respectively, **Appendix D** for piezometers F2 and F3. As indicated on **Graph D-2, Appendix D**, pH values for the liquids collected from F2 and F3 are basic and well above a majority of the pH values measured in groundwater samples collected at Site monitoring wells. As indicated on **Graph D-3, Appendix D**, ORP values for the liquids collected from F2 and F3 indicated reducing conditions and well below values measured in groundwater samples collected at Site monitoring wells. As depicted on the analytical results graphs (**D-4** through **D-23, Appendix D**), concentrations measured in the samples collected from F2 and F3 were either below laboratory reporting limits or relatively low when compared to concentrations measured in groundwater samples collected from site monitoring wells, with the exceptions of arsenic, boron, calcium, fluoride, and mercury. Arsenic, boron, calcium, fluoride, and mercury concentrations are generally elevated in the groundwater samples with lower pH. Due to the alkaline nature of liquids in contact with CCR, a release from the CCR units would likely have buffered the groundwater pH and potentially impacted the solubility and absorption and desorption mechanisms in the Site's sediments. Based on the concentrations measured in the liquid samples and its alkaline nature, it does not appear that liquid in contact with CCR would be a potential source for elevated constituent concentrations in groundwater samples collected from the Site's monitoring wells.

4.4 GCSES Site-Wide Prediction Limits

Due to the spatial variability observed within the groundwater at the GCSES, a statistically derived upper limit for monitored constituents was calculated based on the pooled data from the Background/Upgradient monitoring wells as noted in the Groundwater Monitoring System Certification report dated October 2025 [HDR, 2025b] for the SFL and SSP/APs CCR Units. Details regarding how analytical data was statistically analyzed are summarized in **Section 6.0**. Instead of development of a BTV for each individual monitoring network as discussed in **Section 6.2**, a GCSES Site-Wide Prediction Limit or Site-Wide BTV (GCSES BTV) was calculated based on the pooled analytical data for the period from June 2016 through April 2026 from the following monitoring wells:

- SFL MW-1S-Contingency
- SFL MW-6

- MNW-18
- SSP MW-5S
- SSP MW-6S (REH-1)
- AP PZ-1
- SSP MW-5D
- SSP MW-6D.

The GCSES BTVs for each Appendix III and IV constituent were calculated using the Sanitas™ v.10.1.06 groundwater statistical analysis program via a prediction limit analysis. The Sanitas™ prediction limit output summary is included in **Appendix G**.

For reference, these GCSES BTVs have been included on **Graphs D-4** through **D-23, Appendix D**. When compared to the liquids samples that were in contact with CCR (F2 and F3), the GCSES BTVs were generally well above Appendix III and IV constituent concentrations with the exceptions of boron, arsenic, fluoride, and mercury. Based on this GCSES BTVs analysis, there was not an arsenic concentration in the groundwater samples collected during the eight background sampling events that exceeded the GCSES BTV. For boron, fluoride, and mercury, there were some exceedances of the GCSES BTVs in the groundwater sample results from the eight background sampling events. However, as mentioned in **Section 4.3**, the concentrations for boron, fluoride, and mercury were generally elevated on the acidic side of the pH spectrum, and since liquids in contact with CCR at the Site are alkaline, it does not appear that the CCR Units would contribute to these elevated constituent concentrations.

5.0 ASD Conclusions

As indicated in the Alternative Source Demonstration – Addendum #1 report dated August 4, 2025 (HDR, 2025a), Appendix IV constituents that have been detected at an SSL above a GWPS are the result of natural variability in groundwater quality at the site. These exceedances do not appear to be the result of a release from the Site's CCR units.

Based on the additional analytical and sampling data collected during the subsequent background sampling events, the ASD conclusions remain unchanged from what was reported in the Alternative Source Demonstration – Addendum #1 report dated August 4, 2025. This report also details and summarizes results for Appendix III constituents and Appendix IV constituents that did not exceed a GWPS at an SSL. Based on the geology of the region and due to geochemical differences observed in the shallow and deep groundwater units where GCSES is located, Appendix IV constituents that were exceeding a GWPS at an SSL and constituents that had concentrations exceeding the GCSES BTVs are a result of natural variability and geochemical processes in the region and are not the result of a release from the Site's CCR units. Groundwater pH is acidic in the shallow groundwater due to the oxidation of pyrite naturally present in sediments at the Site. Deeper groundwater in more confined units had generally neutral pH since reduction-oxidation conditions were relatively more reducing and pyrite oxidation was not occurring. This shallow acidic groundwater and sediments are observed at other sites in the same general region as the GCSES, which could not be impacted by CCR [HDR, 2023b].

Due to the elevated constituents of concern in the natural waters of the Site and general area, the upper most groundwater would not be recommended for use and consumption. The natural groundwater at the Site could be detrimental to human health even if industrial operations or CCR deposition had not occurred there. GCERG has implemented a restrictive covenant on the Site which limits the property to commercial/industrial land use, and exposure to groundwater underlying the property is prohibited.

With removal of the CCR material, this and previous ASDs, and the establishment of a restrictive covenant on the property, the SSP/APs CCR Units are requested to be moved to closure with the cessation of continued groundwater monitoring. For the SFL CCR Unit, continued post-closure care monitoring will be conducted in accordance with the applicable sections of 30 TAC, Chapter 352.

6.0 Background Threshold Values Evaluations

With the installation of new monitoring wells and conversion of existing monitoring wells from water level gauging only monitoring instruments to groundwater sampling locations, the process was initiated to modify the certified monitoring networks for the Site's CCR units. The certified monitoring networks are summarized in the Groundwater Monitoring System Certification report dated October 2025 (HDR, 2025b). The certified groundwater monitoring networks for shallow and deeper groundwater at the SFL CCR Unit and SSP/APs CCR Units are summarized on **Table 5** and **Table 6**, respectively.

Table 5: SFL CCR Unit Compliance Monitoring Network

Monitored Groundwater Zone	Monitoring Designation	Monitoring Well IDs
Shallow	Background/Upgradient	SFL MW-1S - Contingency, SFL MW-6
	Compliance	SFL MW-2, SFL-MW-3, SFL MW-4S, SFL MW-5, SFL MW-7S, SFL MW-8S, MNW-15
	Water Level Gauging Only	MNW-17
Deeper	Background/Upgradient	MNW-18
	Compliance	SFL MW-2D, SFL MW-3D, SFL MW-4, SFL MW-5D, SFL MW-6D, SFL MW-7, SFL MW-8D, MNW-15D
	Water Level Gauging Only	MNW-11, MNW-16

Table 6: Former SSP/APs CCR Units Compliance Monitoring Network

Monitored Groundwater Zone	Monitoring Designation	Monitoring Well IDs
Shallow	Background/Upgradient	SSP MW-5S, SSP MW-6S (REH-1), AP PZ-1
	Compliance	SSP MW-2, SSP MW-3, SSP MW-4S, AP MW-1, AP MW-3, AP MW-4S, AP MW-5, AP MW-7S, AP PZ-4S
	Water Level Gauging Only	SSP MW-1, SSP/AP MW-1, AP MW-2
Deeper	Background/Upgradient	SSP MW-5D, SSP MW-6D
	Compliance	SSP MW-2D, SSP MW-3D, SSP MW-4, AP MW-1D, AP MW-3D, AP MW-4, AP MW-5D, AP MW-7D, AP PZ-4
	Water Level Gauging Only	AP MW-6, AP PZ-2, AP PZ-3

With completion of the eight background sampling events for the newly installed monitoring wells and existing monitoring wells incorporated into the certified monitoring networks for groundwater monitoring, there is sufficient analytical data to conduct statistical evaluation. This section details the establishment of BTVs for the Appendix III and IV monitored constituents for each of the groundwater monitoring networks based on the available analytical data collected during the period from June 2016 through April 2026.

The certified statistical method established for the SFL CCR and SSP/APs CCR Units for identifying statistically significant increases (SSIs) is based on the Prediction Interval Procedure outlined in 40 CFR §257.93(f)(3) [AFWEI, 2018]. Since groundwater monitoring at the Site initiated after waste placement, an interwell statistical analysis is utilized to evaluate compliance by pooling background data at monitoring wells located upgradient relative to the CCR units or at a background location representative of the Site that would not be impacted by a release from the CCR units. This report utilizes approved statistical procedures to update the background monitoring data for the compliance wells at the site. The following sections explain the statistical process used to select and evaluate data for the background pool for each monitoring network (SFL CCR Unit – Shallow & Deeper; SSP/APs CCR Units – Shallow & Deeper), as well as methods for data distribution evaluation and outlier identification. Recommended changes to the background groundwater quality levels are also provided in this report.

6.1 Data Compilation

The establishment of BTVs for each certified monitoring network has been developed based on general recommendations and information provided in the EPA's Unified Guidance for Statistical Analysis of Groundwater Monitoring Data (EPA, 2009). The Unified Guidance recommends that a minimum of at least 8 to 10 independent background observations be collected before running most statistical analyses.

As the first step in this analysis, available historical data collected at the Background/Upgradient identified monitoring wells between June 2016 and April 2026 was compiled and evaluated. The Background/Upgradient monitoring wells for each monitoring network are summarized on **Table 5** and **Table 6** for the SFL CCR Unit and SSP/APs CCR Units, respectively. In accordance with the Unified Guidance, it is necessary to accurately characterize background groundwater quality based on a sufficient number of samples to determine average concentration and variability at the site. By using all available historical groundwater data, the analysis will be as statistically accurate as feasible.

6.1.1 Statistical Analysis – Data Review

A preliminary data review is first conducted to provide an assessment on the data variability between monitoring wells, seasonal variability and trends, and potential outliers for removal. Statistical analysis is performed on the values within the background data sets to prevent irregular results from influencing prediction limits during detection monitoring. Statistical analysis is accomplished by evaluating the data sets using the Sanitas™ groundwater statistical analysis program.

Preliminary data review of the Background/Upgradient identified monitoring wells was conducted using time series, box plots, normality tests, trend tests, and outlier analysis. Graphical outputs for time series and box plots are provided in **Appendix E**. Additional information on outliers and trend tests are discussed below and provided in **Appendix F**.

6.1.1.1 OUTLIER ANALYSIS

Outliers are observations that do not fit within the same population as the rest of the samples. These outliers violate the basic statistical assumption of evenly distributed measurements. Reasons for outliers may include data recording errors, unusual sampling and laboratory procedures or conditions, inconsistent sample turbidity, or values outside the historical range. Outliers in the data set were screened using Sanitas™ by applying the appropriate method (i.e., Rosner, Dixon, or Tukey) to each data set. These results are provided in **Appendix F**.

The Unified Guidance recommends careful consideration in the management of outliers and recommends removing extreme values (unusual-looking, high-magnitude measurements) in background data sets. The presence of high outliers in background data can raise the prediction limit for that constituent and therefore decrease the chance that future detection monitoring results will be correctly identified as an exceedance. A high outlier will also commonly cause the prediction limit to be based on a non-parametric distribution, in which case the highest detection becomes the prediction limit. The removal of some high outliers will result in a change from a non-parametric distribution resulting in a non-parametric prediction limit to the more statistically powerful parametric prediction limit (with a parametric distribution). A common statistical strategy for observed non-normal (non-parametric) data is to use a normalizing mathematical transformation. Data that is observed as non-parametric can be converted to a parametric distribution through common transformations using a natural logarithm or a “ladder of powers” (i.e., square root, cube root, the square, the cube, etc.). Outliers were evaluated to determine if removal would result in a parametric distribution or a transformation of data to a parametric distribution. The overall impact of removal of high outliers will tend to improve the power of prediction limits and result in a more environmentally protective program.

Management of potential outliers carries both positive and negative risks, which should be carefully understood. Caution should be observed in removing observations which may signal a change in natural groundwater quality. Even when conditions have not changed, an apparently extreme measurement may represent nothing more than a portion of the background distribution that has yet to be observed. This is particularly true if the background data set contains fewer than 20 samples. Therefore, careful consideration of each outlier was conducted by reviewing the detected outlier, evaluating if the detected outlier was an unusually high or low value, and if greater statistical power was achieved with removal.

To address the potential of over-estimated prediction limits, the background data was further evaluated for potential removal of additional high detections that appeared to be significantly different when compared with the rest of the background data but were not flagged in Sanitas™ as outliers. This analysis was conducted by reviewing the Time Series and Trend Tests. Results of the outlier analyses and flagged outlier summaries are included in **Appendix F**.

6.2 Proposed BTVs

After the preliminary data review and removal of outliers from the Background/Upgradient monitoring wells' datasets, the proposed BTVs for the certified monitoring networks for the GCSES are established via an interwell prediction limit analysis. The prediction limit analysis was conducted using Sanitas™ and the results are provided in **Appendix G**. The complete list of the proposed BTV for each constituent and certified monitoring network is provided on **Table 7**. For reference, the proposed BTVs are compared to former BTVs on **Table G-1, Appendix G** with the percent change increase or decrease in value.

Due to changes in BTVs as a result of the modified monitoring networks, some BTVs are greater than regulatory established maximum contaminant levels (MCLs) or health-based levels (HBLs) which are utilized for GWPSs under the CCR Rule. In accordance with 40 CFR §257.95(h)(3), the GWPSs for Appendix IV constituents will be the BTV if the BTV is greater than a regulatory established MCL or HBL. For reference, the proposed GWPS for each Appendix IV constituent is included in **Table 7**.

Table 7: Proposed BTVs and GWPSs

Certified Monitoring Network:		SFL CCR Unit - Shallow		SFL CCR Unit - Deeper		SSP/APs CCR Unit - Shallow		SSP/APs CCR Unit - Deeper	
Constituent	**Units**	**BTV[2]**	**GWPS[3]**	**BTV[2]**	**GWPS[3]**	**BTV[2]**	**GWPS[3]**	**BTV[2]**	**GWPS[3]**
Appendix III Constituents									
Boron	mg/L	0.621	N/A	0.583	N/A	0.516	N/A	0.663	N/A
Calcium	mg/L	1,510	N/A	589	N/A	1,330	N/A	462	N/A
Chloride	mg/L	9,200	N/A	774	N/A	3,070	N/A	1,710	N/A
Fluoride[1]	mg/L	2.56	4.0	1.00	4.0	1.18	4.0	0.542	4.0
pH[4]	SU	3.43-5.48	N/A	6.06-7.74	N/A	4.43-5.6	N/A	6.28-6.93	N/A
Sulfate	mg/L	2,960	N/A	2,840	N/A	3,050	N/A	1,250	N/A
TDS	mg/L	15,800	N/A	5,380	N/A	7,960	N/A	5,550	N/A
Appendix IV Constituents									
Antimony	mg/L	0.00108	0.006	0.00184	0.006	0.000897	0.006	0.00075	0.006
Arsenic	mg/L	0.0485	0.0485	0.00282	0.01	0.0127	0.0127	0.00156	0.01
Barium	mg/L	0.0803	2	0.06	2	0.0371	2	0.0555	2
Beryllium	mg/L	0.116	0.116	0.000271	0.004	0.0774	0.0774	0.000271	0.004
Cadmium	mg/L	0.0462	0.0462	0.000240	0.005	0.0144	0.0144	0.00024	0.005
Chromium	mg/L	0.0154	0.1	0.00617	0.1	0.000622	0.1	0.00112	0.1
Cobalt	mg/L	0.293	0.293	0.00226	0.006	0.0675	0.0675	0.000585	0.006
Lead	mg/L	0.0173	0.0173	0.01	0.015	0.000674	0.015	0.00128	0.015
Lithium	mg/L	1.39	1.39	0.599	0.599	1.18	1.18	0.592	0.592
Mercury	mg/L	0.000222	0.002	0.0000706	0.002	0.0000706	0.002	0.0000706	0.002
Molybdenum	mg/L	0.000255	0.1	0.000255	0.1	0.000589	0.1	0.00126	0.1
Radium 226+228	pCi/L	26.9	26.9	9.46	9.46	11.9	11.9	5.41	5.41
Selenium	mg/L	0.171	0.171	0.01	0.05	0.00348	0.05	0.00101	0.05
Thallium	mg/L	0.0113	0.0113	0.002	0.002	0.00216	0.00216	0.00415	0.00415

Notes:
BTV - Background Threshold Value.
GWPS - Groundwater Protection Standard.
mg/L - milligrams per liter.
N/A - Not Applicable
pCi/L - picocuries per liter.
SU - standard units.

Comments:
1. Under the Federal CCR Rule, fluoride is listed as both an Appendix III and Appendix IV constituent. For reporting purposes, fluoride concentrations are only listed under the Appendix III section of the table.
2. The proposed BTV is based on the current certified monitoring networks for the CCR units. BTVs for each CCR network is based on the sample populations from the following Background/Upgradient monitoring wells:
   - SFL CCR Unit - Shallow: SFL MW-1S - Contingency; SFL MW-6
   - SFL CCR Unit - Deeper: MNW-18
   - SSP/APs CCR Unit - Shallow: SSP MW-5S; SSP MW-6S; AP PZ-1
   - SSP/APs CCR Unit - Deeper: SSP MW-5D; SSP MW-6D
3. The proposed GWPS is established in accordance with 40 CFR §257.95(h)(3).
4. For pH, the BTVs include both a lower bound (lower prediction limit) and upper bound (upper prediction limit).

6.3 Conclusion of Background Monitoring Update

With the completion of the background sampling events at the newly installed and converted, existing monitoring wells to groundwater sample collection, there was sufficient background data to conduct the initial statistical evaluation for the updated, certified monitoring networks for the GCSES CCR units. The outliers, time series, box plots, and trend test summaries aided in identification of the background data populations that should be utilized at this time for evaluation of SSIs at the Site's CCR units. With the adjustment of the certified monitoring networks, this background monitoring update aligns background/upgradient monitoring wells with compliance monitoring wells located in similar hydrogeologic zones at the GCSES.

It is recommended that the proposed BTVs and GWPSs noted on **Table 7** should be used for compliance monitoring at the Site's CCR units. In accordance with the EPA's Unified Guidance, BTVs should be periodically updated to incorporate temporal changes in groundwater quality. Due to the spatial variability of groundwater quality at the GCSES as noted in this and previous ASDs, it may be necessary to incorporate or utilize data from outside the certified monitoring networks for evaluating compliance at the Site's CCR units.

7.0 References

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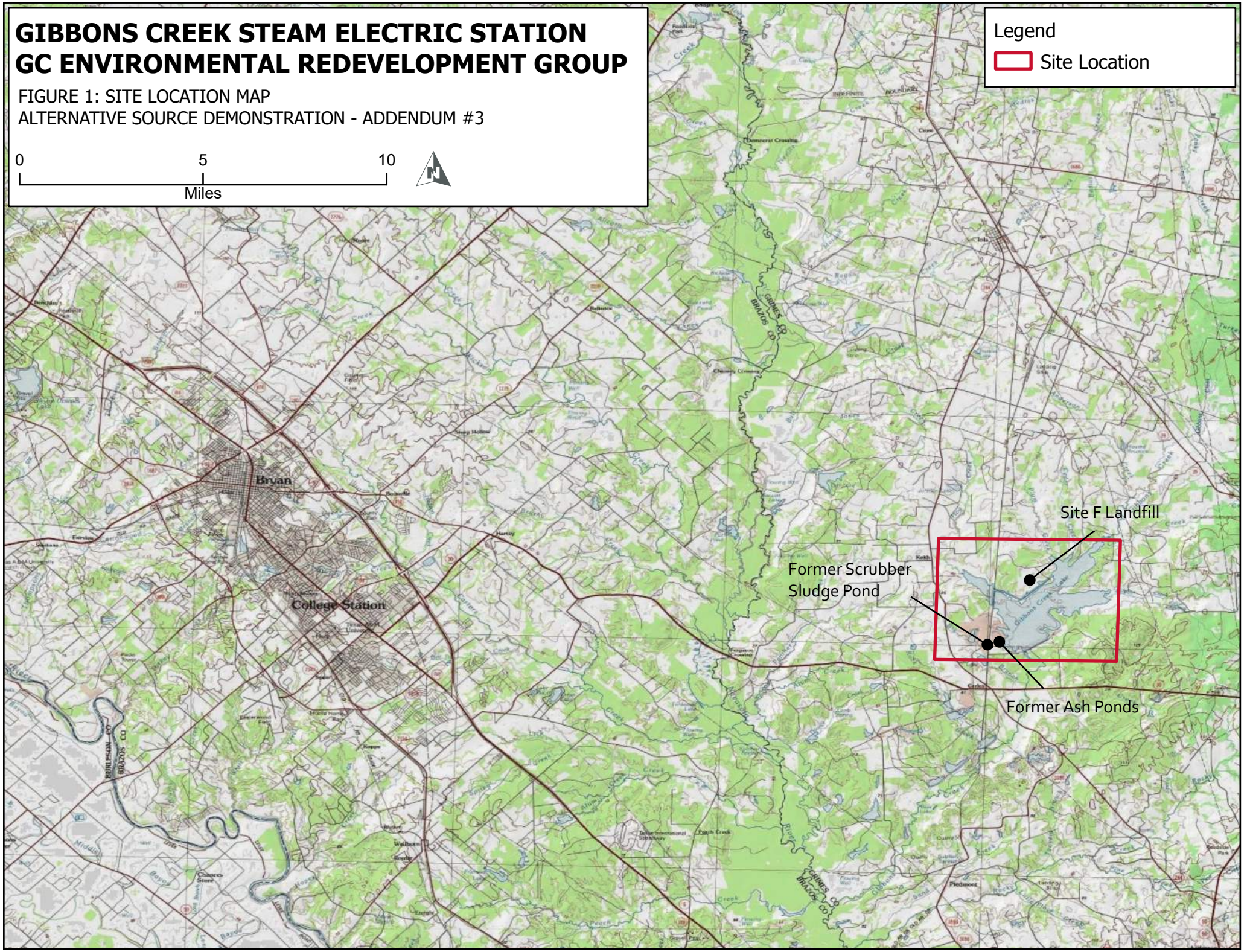
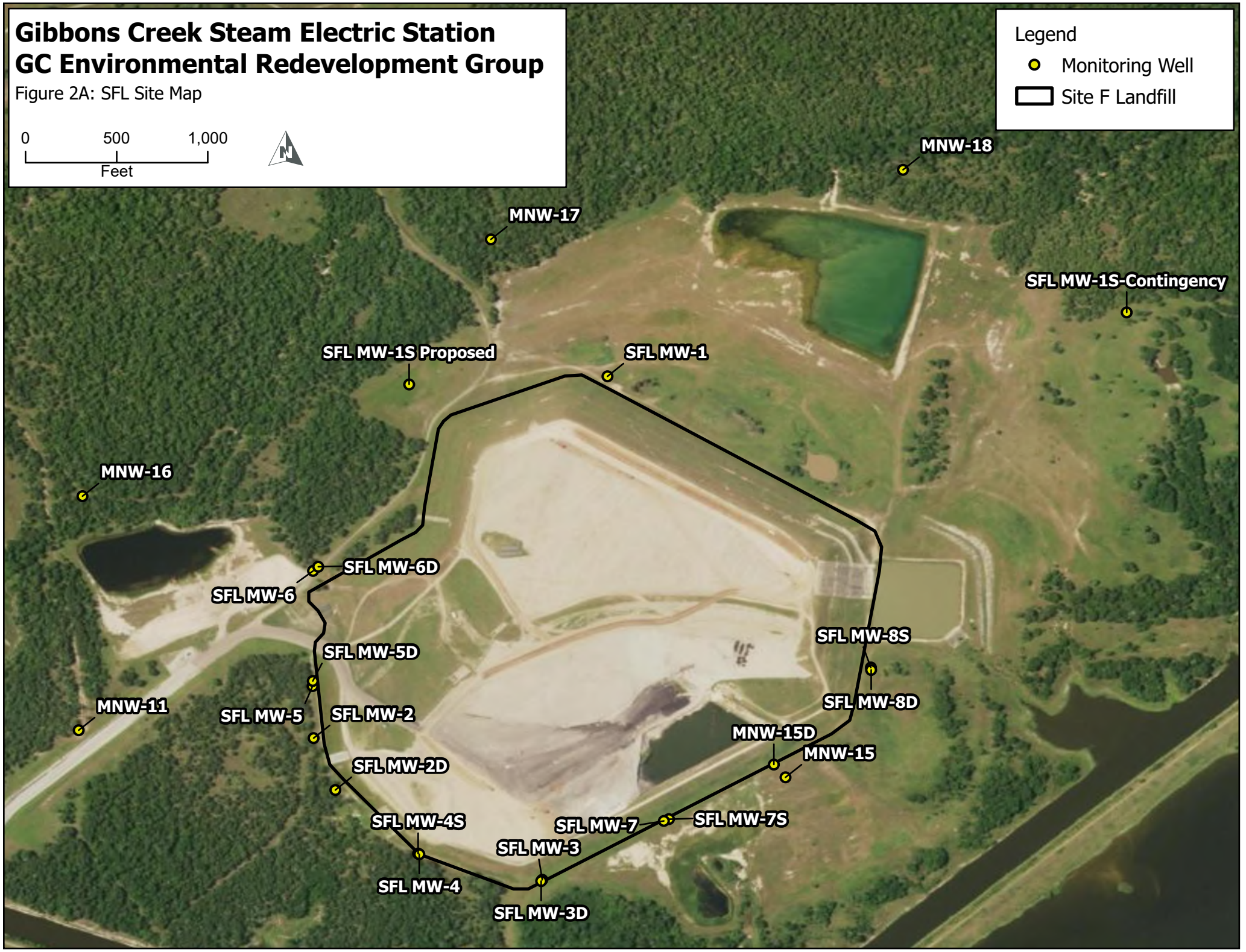
Figures

GIBBONS CREEK STEAM ELECTRIC STATION
GC ENVIRONMENTAL REDEVELOPMENT GROUP

FIGURE 1: SITE LOCATION MAP
ALTERNATIVE SOURCE DEMONSTRATION - ADDENDUM #3

0 5 10
Miles

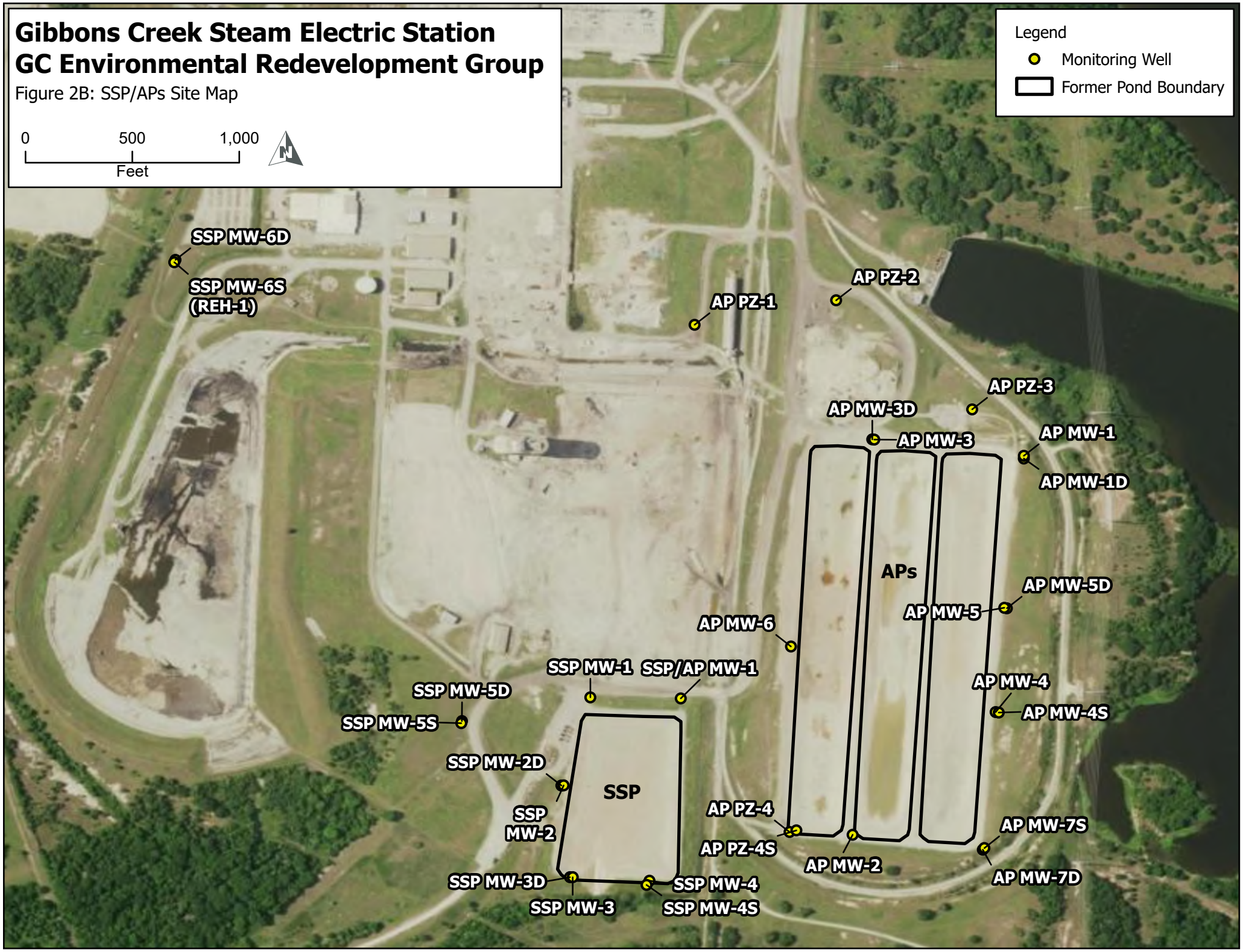



Gibbons Creek Steam Electric Station
GC Environmental Redevelopment Group
Figure 2A: SFL Site Map
0
500
1,000
Feet
N
Legend
Monitoring Well
Site F Landfill
MNW-18
MNW-17
SFL MW-1S-Contingency
SFL MW-1S Proposed
SFL MW-1
MNW-16
SFL MW-6D
SFL MW-6
SFL MW-8S
SFL MW-5D
SFL MW-8D
MNW-11
SFL MW-5
SFL MW-2
MNW-15D
MNW-15
SFL MW-2D
SFL MW-4S
SFL MW-7
SFL MW-7S
SFL MW-3
SFL MW-4
SFL MW-3D

Gibbons Creek Steam Electric Station
GC Environmental Redevelopment Group

Figure 2B: SSP/APs Site Map

0 500 1,000
Feet



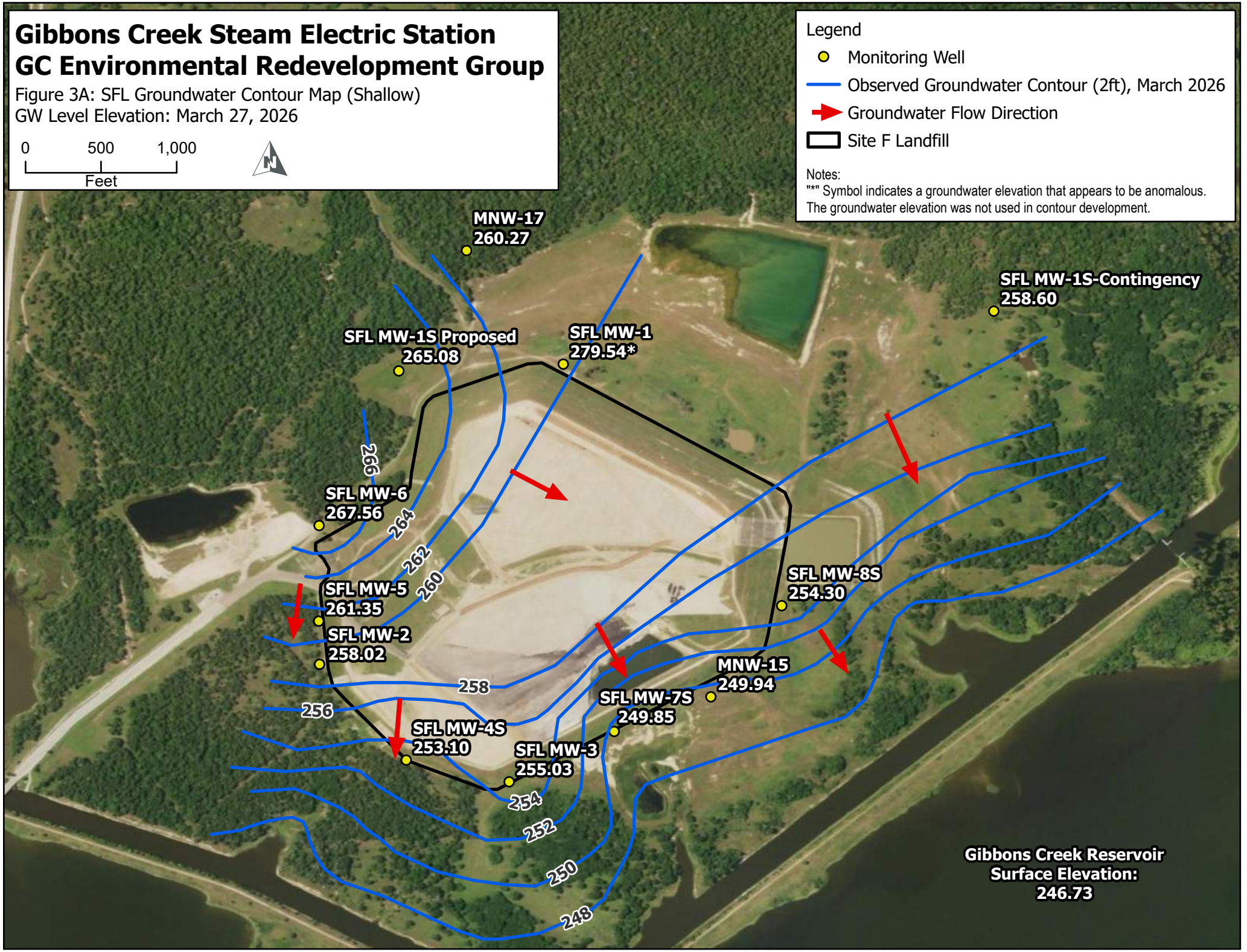
Gibbons Creek Steam Electric Station
GC Environmental Redevelopment Group

Figure 3A: SFL Groundwater Contour Map (Shallow)
GW Level Elevation: March 27, 2026

0 500 1,000
Feet

Legend
- Monitoring Well
- Observed Groundwater Contour (2ft), March 2026
- Groundwater Flow Direction
- Site F Landfill

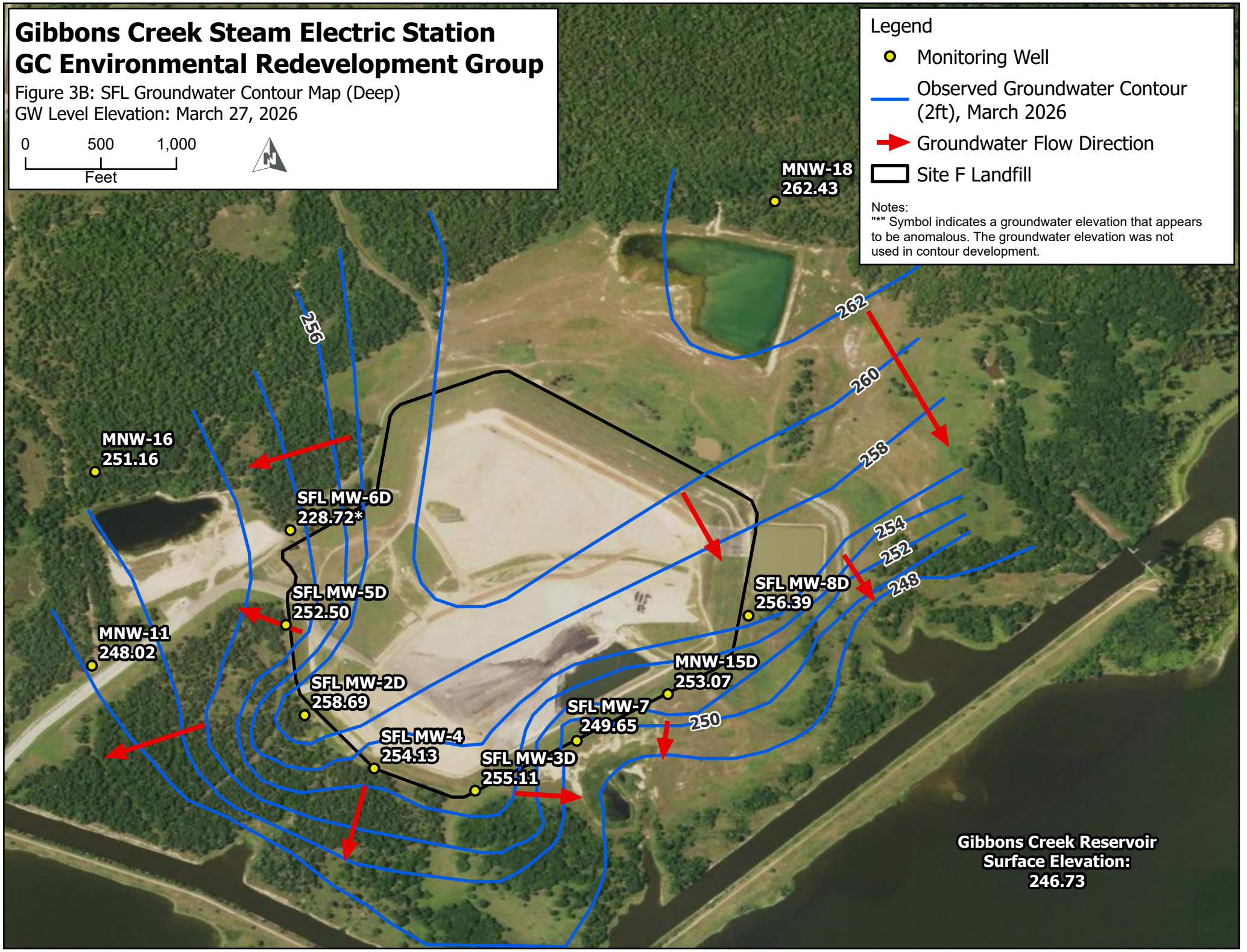
Notes:
"*" Symbol indicates a groundwater elevation that appears to be anomalous. The groundwater elevation was not used in contour development.

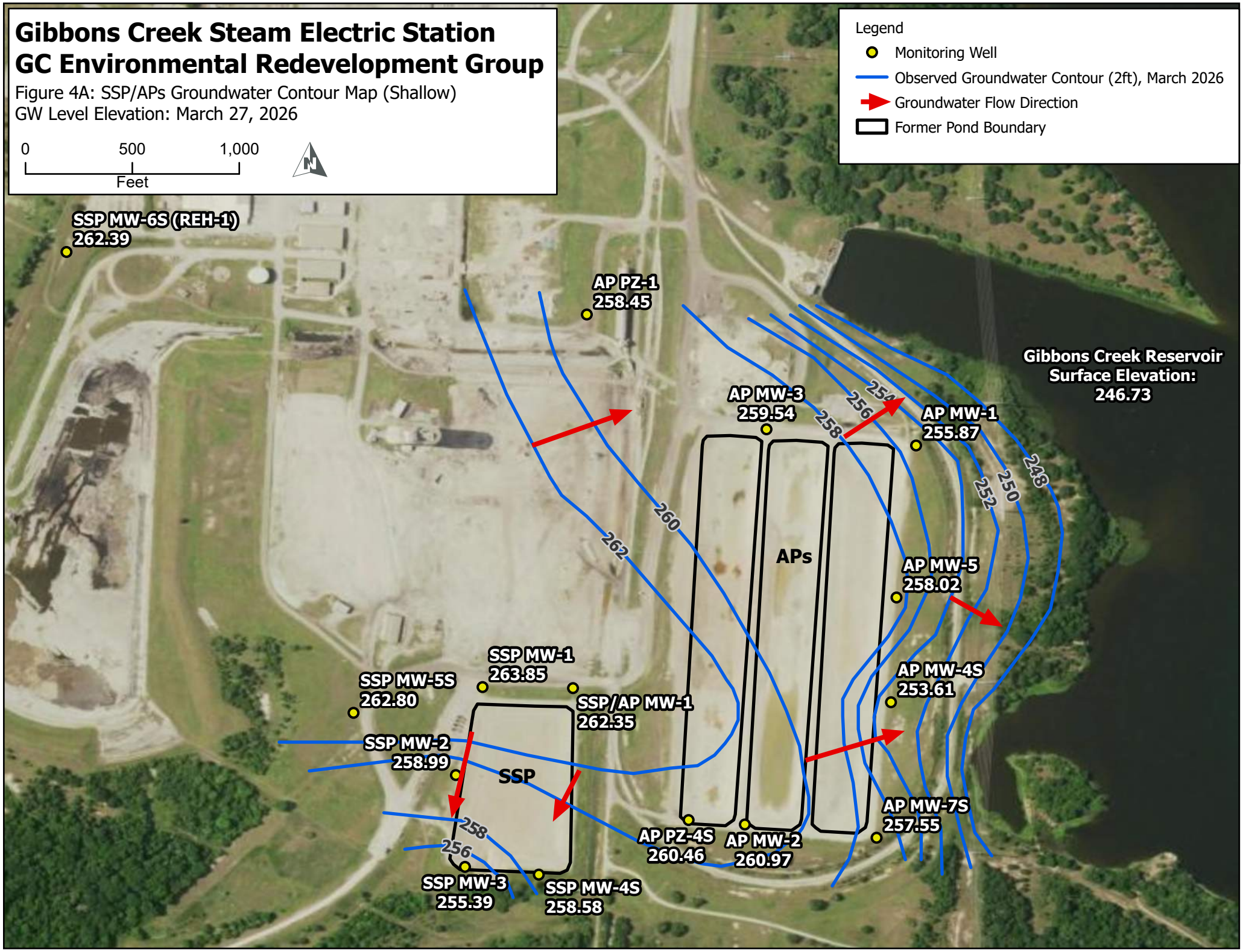


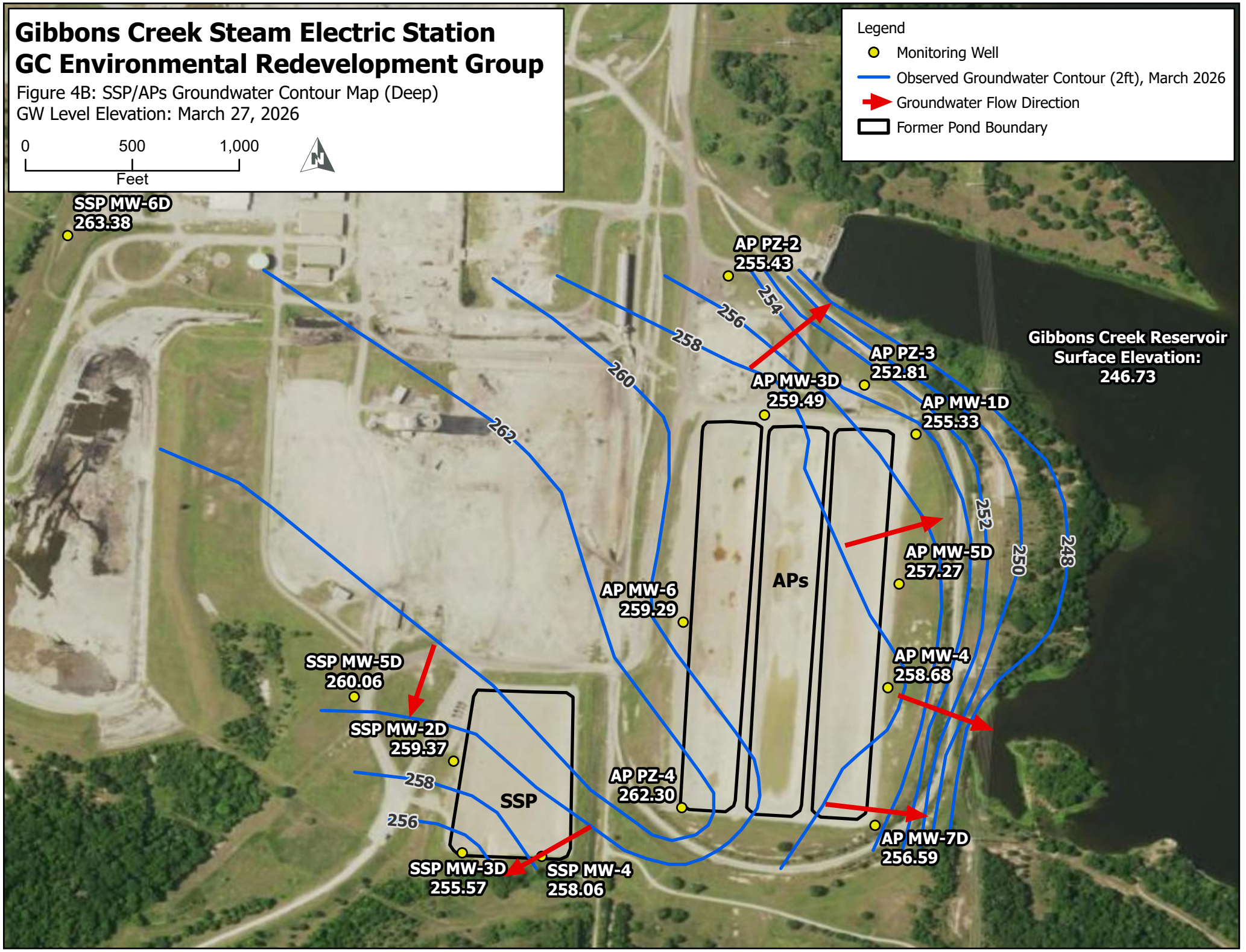
Gibbons Creek Steam Electric Station
GC Environmental Redevelopment Group

Figure 3B: SFL Groundwater Contour Map (Deep)
GW Level Elevation: March 27, 2026

0 500 1,000
Feet




Gibbons Creek Steam Electric Station
GC Environmental Redevelopment Group
Figure 4A: SSP/APs Groundwater Contour Map (Shallow)
GW Level Elevation: March 27, 2026
0
500
1,000
Feet
Legend
Monitoring Well
Observed Groundwater Contour (2ft), March 2026
Groundwater Flow Direction
Former Pond Boundary
SSP MW-6S (REH-1)
262.39
AP PZ-1
258.45
Gibbons Creek Reservoir
Surface Elevation:
246.73
AP MW-3
259.54
AP MW-1
255.87
AP MW-5
258.02
AP MW-4S
253.61
AP MW-7S
257.55
APs
SSP MW-1
263.85
SSP MW-5S
262.80
SSP/AP MW-1
262.35
SSP MW-2
258.99
SSP
SSP MW-3
255.39
SSP MW-4S
258.58
AP PZ-4S
260.46
AP MW-2
260.97
260
262
258
256
254
252
250
248


Gibbons Creek Steam Electric Station
GC Environmental Redevelopment Group
Figure 4B: SSP/APs Groundwater Contour Map (Deep)
GW Level Elevation: March 27, 2026
0
500
1,000
Feet
N
Legend
Monitoring Well
Observed Groundwater Contour (2ft), March 2026
Groundwater Flow Direction
Former Pond Boundary
SSP MW-6D
263.38
AP PZ-2
255.43
AP PZ-3
252.81
AP MW-3D
259.49
AP MW-1D
255.33
Gibbons Creek Reservoir
Surface Elevation:
246.73
AP MW-5D
257.27
AP MW-6
259.29
APs
AP MW-4
258.68
SSP MW-5D
260.06
SSP MW-2D
259.37
SSP
AP PZ-4
262.30
AP MW-7D
256.59
SSP MW-3D
255.57
SSP MW-4
258.06
262
260
258
256
254
252
250
248

Appendix A

Groundwater & Liquids Analytical Summary Tables

Table A-1
Monitoring Well Piezometer Well Construction and Water Level Summary
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Well/Piezometer ID	Monitoring System Well Designation[1]	Total Advanced Drilling Depth[2] (Feet BGS)	TOC Elevation (Feet AMSL)	Ground Surface Elevation (Feet AMSL)	Top Screen Elevation (Feet AMSL)	Bottom Screen Elevation (Feet AMSL)	Depth to Water (Feet BTOC) May 19, 2025	Groundwater Elevation (Feet AMSL) May 19, 2025	Depth to Water (Feet BTOC) July 16, 2025	Groundwater Elevation (Feet AMSL) July 16, 2025	Depth to Water (Feet BTOC) August 22, 2025	Groundwater Elevation (Feet AMSL) August 22, 2025
SFL - Shallow Groundwater Monitoring												
SFL MW-1	UG	20	301.80	298.90	283.9	278.9	NM	NM	21.44	280.36	21.33	280.47
SFL MW-1S(R) - Proposed	UG	35	292.37	289.2	264.5	254.5	36.08	256.29	31.05	261.32	30.59	261.78
SFL MW-1S(R) - Contingency	UG/CG	27	275.44	272.2	255.5	245.5	17.02	258.42	17.03	258.41	17.02	258.42
SFL MW-2	DG	50	268.31	265.69	249.7	244.7	9.52	258.79	9.58	258.73	9.69	258.62
SFL MW-3	DG	25	275.00	271.65	252.2	247.2	19.16	255.84	19.38	255.62	19.35	255.65
SFL MW-4S	DG	30	269.08	265.9	255.2	245.2	15.31	253.77	15.45	253.63	15.48	253.60
SFL MW-5	DG	25	276.25	273.33	257.3	252.3	14.42	261.83	14.46	261.79	14.70	261.55
SFL MW-6	UG	20	286.66	283.49	269.0	264.0	18.18	268.48	18.73	267.93	18.62	268.04
SFL MW-7S	DG	30	264.47	261.4	245.7	235.7	14.98	249.49	14.77	249.70	15.59	248.88
SFL MW-8S	DG	20	266.38	263.1	253.4	243.4	11.28	255.10	11.38	255.00	11.50	254.88
MNW-15	DG	35	257.33	257.54	235.3	230.3	7.40	249.93	7.01	250.32	7.60	249.73
MNW-17	UG	50	293.72	293.864	248.5	243.5	33.72	260.00	37.85	255.87	37.40	256.32
SFL - Deep Groundwater Monitoring												
SFL MW-2D	DG	55	262.63	259.4	215.7	205.7	4.17	258.46	4.12	258.51	4.57	258.06
SFL MW-3D	DG	60	275.13	271.9	223.2	213.2	19.66	255.47	19.78	255.35	19.81	255.32
SFL MW-4	DG	40	269.53	266.46	232.0	227.0	14.93	254.60	15.09	254.44	15.20	254.33
SFL MW-5D	DG	64	277.02	273.7	221.0	211.0	24.97	252.05	24.80	252.22	24.93	252.09
SFL MW-6D	DG	80	286.01	283.0	222.3	212.3	72.33	213.68	68.85	217.16	68.30	217.71
SFL MW-7	DG	55	264.63	264.83	214.8	209.8	15.52	249.11	15.44	249.19	16.12	248.51
SFL MW-8D	DG	45	266.24	263.1	230.4	220.4	10.02	256.22	10.00	256.24	10.00	256.24
MNW-11	DG	50	267.95	268.12	225.7	220.7	19.11	248.84	20.70	247.25	20.53	247.42
MNW-15D	DG	50	258.52	255.3	211.6	206.6	5.70	252.82	5.59	252.93	6.03	252.49
MNW-16	UG	39	263.19	263.333	227.8	222.8	13.29	249.90	12.56	250.63	12.73	250.46
MNW-18	UG	50	270.76	270.912	224.7	219.7	8.42	262.34	8.37	262.39	9.19	261.57

Table A-1
Monitoring Well Piezometer Well Construction and Water Level Summary
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Well/Piezometer ID	Depth to Water (Feet BTOC) October 10, 2025	Groundwater Elevation (Feet AMSL) October 10, 2025	Depth to Water (Feet BTOC) November 11, 2025	Groundwater Elevation (Feet AMSL) November 11, 2025	Depth to Water (Feet BTOC) January 2, 2026	Groundwater Elevation (Feet AMSL) January 2, 2026	Depth to Water (Feet BTOC) February 13, 2026	Groundwater Elevation (Feet AMSL) February 13, 2026	Depth to Water (Feet BTOC) March 27, 2026	Groundwater Elevation (Feet AMSL) March 27, 2026
SFL - Shallow Groundwater Monitoring										
SFL MW-1	22.80	279.00	NM	NM	22.23	279.57	22.02	279.78	22.26	279.54
SFL MW-1S(R) - Proposed	28.54	263.83	28.43	263.94	27.44	264.93	27.46	264.91	27.29	265.08
SFL MW-1S(R) - Contingency	17.46	257.98	17.58	257.86	16.83	258.61	16.89	258.55	16.84	258.60
SFL MW-2	10.29	258.02	10.60	257.71	10.24	258.07	10.42	257.89	10.29	258.02
SFL MW-3	19.55	255.45	19.61	255.39	19.25	255.75	19.65	255.35	19.97	255.03
SFL MW-4S	16.28	252.80	16.59	252.49	16.10	252.98	16.06	253.02	15.98	253.10
SFL MW-5	15.23	261.02	15.33	260.92	15.02	261.23	14.96	261.29	14.90	261.35
SFL MW-6	18.73	267.93	18.61	268.05	18.39	268.27	18.85	267.81	19.10	267.56
SFL MW-7S	16.30	248.17	16.09	248.38	14.45	250.02	14.42	250.05	14.62	249.85
SFL MW-8S	11.92	254.46	12.00	254.38	11.75	254.63	11.96	254.42	12.08	254.30
MNW-15	8.32	249.01	8.06	249.27	6.96	250.37	7.14	250.19	7.39	249.94
MNW-17	37.57	256.15	37.51	256.21	35.15	258.57	34.03	259.69	33.45	260.27
SFL - Deep Groundwater Monitoring										
SFL MW-2D	4.85	257.78	4.71	257.92	4.33	258.30	4.33	258.30	3.94	258.69
SFL MW-3D	20.34	254.79	20.70	254.43	20.26	254.87	20.15	254.98	20.02	255.11
SFL MW-4	15.91	253.62	16.16	253.37	15.45	254.08	15.50	254.03	15.40	254.13
SFL MW-5D	24.95	252.07	24.80	252.22	24.60	252.42	24.47	252.55	24.52	252.50
SFL MW-6D	66.35	219.66	65.79	220.22	62.10	223.91	60.11	225.90	57.29	228.72
SFL MW-7	16.62	248.01	16.49	248.14	14.88	249.75	14.82	249.81	14.98	249.65
SFL MW-8D	10.32	255.92	10.39	255.85	9.87	256.37	9.88	256.36	9.85	256.39
MNW-11	20.21	247.74	20.04	247.91	19.90	248.05	19.85	248.10	19.93	248.02
MNW-15D	6.58	251.94	6.27	252.25	5.43	253.09	5.37	253.15	5.45	253.07
MNW-16	13.12	250.07	13.13	250.06	12.44	250.75	12.14	251.05	12.03	251.16
MNW-18	9.85	260.91	9.68	261.08	9.18	261.58	8.94	261.82	8.33	262.43

Table A-1
Monitoring Well Piezometer Well Construction and Water Level Summary
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Well/Piezometer ID	Monitoring System Well Designation[1]	Total Advanced Drilling Depth[2] (Feet BGS)	TOC Elevation (Feet AMSL)	Ground Surface Elevation (Feet AMSL)	Top Screen Elevation (Feet AMSL)	Bottom Screen Elevation (Feet AMSL)	Depth to Water (Feet BTOC) May 19, 2025	Groundwater Elevation (Feet AMSL) May 19, 2025	Depth to Water (Feet BTOC) July 16, 2025	Groundwater Elevation (Feet AMSL) July 16, 2025	Depth to Water (Feet BTOC) August 22, 2025	Groundwater Elevation (Feet AMSL) August 22, 2025
SSP/AP - Shallow Groundwater Monitoring												
AP MW-1 [3]	DG	35	271.56	270.0	251.5	246.5	15.03	256.53	14.84	256.72	14.98	256.58
AP MW-2 [3]	DG/CG	35	274.97	272.0	259.8	254.8	12.15	262.82	12.52	262.45	13.45	261.52
AP MW-3	DG/CG	40	274.68	271.46	237.0	232.0	13.69	260.99	13.70	260.98	14.06	260.62
AP MW-4S	DG	35	273.92	270.8	246.1	236.1	19.46	254.46	19.15	254.77	19.65	254.27
AP MW-5	DG	40	274.13	271.16	240.7	235.7	15.22	258.91	15.02	259.11	15.33	258.80
AP MW-7S	DG	35	279.58	276.4	251.7	241.7	21.43	258.15	21.35	258.23	21.78	257.80
AP PZ-1	UG	35	265.67	262.70	241.7	236.7	6.57	259.10	6.18	259.49	8.45	257.22
AP PZ-4S	DG/CG	35	273.69	270.7	246.0	236.0	12.32	261.37	12.13	261.56	12.56	261.13
SSP / AP MW-1	UG	40	272.53	269.33	239.8	229.8	9.76	262.77	9.95	262.58	9.84	262.69
SSP MW-1 [3]	UG	28	281.18	279.0	254.3	249.3	16.44	264.74	16.62	264.56	17.03	264.15
SSP MW-2	DG	45	283.66	280.62	242.1	237.1	24.03	259.63	24.10	259.56	24.61	259.05
SSP MW-3	DG	45	283.65	280.95	241.5	236.5	27.66	255.99	27.66	255.99	28.38	255.27
SSP MW-4S	DG	33	284.38	281.1	258.4	248.4	25.40	258.98	25.36	259.02	26.38	258.00
SSP MW-5S	UG	40	283.77	280.7	251.0	241.0	19.89	263.88	20.01	263.76	20.00	263.77
SSP MW-6S (REH-01)	UG	32.5	271.03	268.9	246.4	236.4	8.44	262.59	7.82	263.21	7.64	263.39
SSP/AP - Deep Groundwater Monitoring												
AP MW-1D	DG	40	272.04	269.02	234.5	229.5	17.47	254.57	15.98	256.06	16.10	255.94
AP MW-3D	DG/CG	55	273.67	270.5	225.8	215.8	12.87	260.80	12.81	260.86	13.11	260.56
AP MW-4	DG	50	274.16	270.93	226.4	221.4	14.31	259.85	14.20	259.96	14.80	259.36
AP MW-5D	DG	52	273.76	270.7	229.0	219.0	15.60	258.16	15.48	258.28	15.62	258.14
AP MW-6	UG	50	277.78	274.74	233.7	228.7	18.10	259.68	17.92	259.86	17.96	259.82
AP MW-7D	DG	53	279.42	276.4	233.7	223.7	34.01	245.41	35.08	244.34	24.73	254.69
AP PZ-2	DG/CG	40	274.91	271.71	237.2	232.2	19.94	254.97	18.63	256.28	18.89	256.02
AP PZ-3	DG	40	259.11	255.76	221.3	216.3	5.78	253.33	5.83	253.28	5.80	253.31
AP PZ-4	DG/CG	45	273.65	271.39	232.9	227.9	11.51	262.14	12.98	260.67	13.88	259.77
SSP MW-2D	DG	60	283.00	279.7	230.0	220.0	23.25	259.75	23.28	259.72	23.36	259.64
SSP MW-3D	DG	57	284.13	281.3	229.6	224.6	28.14	255.99	27.99	256.14	27.64	256.49
SSP MW-4	DG	50	283.86	280.86	237.9	232.9	25.35	258.51	24.97	258.89	24.96	258.90
SSP MW-5D	UG	60	283.96	280.7	231.0	221.0	23.88	260.08	23.52	260.44	23.78	260.18
SSP MW-6D	UG	50	271.08	268.0	228.3	218.3	7.94	263.14	7.91	263.17	8.15	262.93

Table A-1
Monitoring Well Piezometer Well Construction and Water Level Summary
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Well/Piezometer ID	Depth to Water (Feet BTOC) October 10, 2025	Groundwater Elevation (Feet AMSL) October 10, 2025	Depth to Water (Feet BTOC) November 11, 2025	Groundwater Elevation (Feet AMSL) November 11, 2025	Depth to Water (Feet BTOC) January 2, 2026	Groundwater Elevation (Feet AMSL) January 2, 2026	Depth to Water (Feet BTOC) February 13, 2026	Groundwater Elevation (Feet AMSL) February 13, 2026	Depth to Water (Feet BTOC) March 27, 2026	Groundwater Elevation (Feet AMSL) March 27, 2026
SSP/AP - Shallow Groundwater Monitoring										
AP MW-1 [3]	15.65	255.91	15.83	255.73	15.14	256.42	15.55	256.01	15.69	255.87
AP MW-2 [3]	14.43	260.54	14.60	260.37	13.74	261.23	13.68	261.29	14.00	260.97
AP MW-3	14.73	259.95	15.08	259.60	14.42	260.26	14.90	259.78	15.14	259.54
AP MW-4S	19.99	253.93	20.19	253.73	19.98	253.94	20.12	253.80	20.31	253.61
AP MW-5	15.80	258.33	16.05	258.08	15.60	258.53	15.86	258.27	16.11	258.02
AP MW-7S	22.35	257.23	22.40	257.18	21.40	258.18	21.70	257.88	22.03	257.55
AP PZ-1	9.98	255.69	9.82	255.85	7.00	258.67	6.74	258.93	7.22	258.45
AP PZ-4S	12.88	260.81	13.34	260.35	12.46	261.23	12.68	261.01	13.23	260.46
SSP / AP MW-1	10.11	262.42	10.47	262.06	9.74	262.79	10.10	262.43	10.18	262.35
SSP MW-1 [3]	17.68	263.50	17.98	263.20	17.12	264.06	17.26	263.92	17.33	263.85
SSP MW-2	25.24	258.42	25.46	258.20	24.50	259.16	24.59	259.07	24.67	258.99
SSP MW-3	29.17	254.48	29.39	254.26	28.14	255.51	28.19	255.46	28.26	255.39
SSP MW-4S	26.98	257.40	26.42	257.96	25.80	258.58	25.58	258.80	25.80	258.58
SSP MW-5S	20.48	263.29	20.95	262.82	20.37	263.40	20.82	262.95	20.97	262.80
SSP MW-6S (REH-01)	8.05	262.98	8.59	262.44	8.05	262.98	8.52	262.51	8.64	262.39
SSP/AP - Deep Groundwater Monitoring										
AP MW-1D	16.72	255.32	16.97	255.07	16.28	255.76	16.59	255.45	16.71	255.33
AP MW-3D	13.76	259.91	14.17	259.50	13.52	260.15	13.97	259.70	14.18	259.49
AP MW-4	15.33	258.83	15.47	258.69	14.93	259.23	15.15	259.01	15.48	258.68
AP MW-5D	16.14	257.62	16.50	257.26	15.88	257.88	16.26	257.50	16.49	257.27
AP MW-6	18.40	259.38	18.70	259.08	17.90	259.88	18.22	259.56	18.49	259.29
AP MW-7D	24.45	254.97	25.88	253.54	23.48	255.94	23.52	255.90	22.83	256.59
AP PZ-2	19.80	255.11	20.51	254.40	19.55	255.36	19.62	255.29	19.48	255.43
AP PZ-3	6.31	252.80	6.72	252.39	5.83	253.28	6.16	252.95	6.30	252.81
AP PZ-4	13.65	260.00	12.83	260.82	11.83	261.82	11.30	262.35	11.35	262.30
SSP MW-2D	23.73	259.27	24.23	258.77	23.43	259.57	23.56	259.44	23.63	259.37
SSP MW-3D	29.32	254.81	29.60	254.53	28.40	255.73	28.48	255.65	28.56	255.57
SSP MW-4	25.25	258.61	25.55	258.31	25.22	258.64	25.60	258.26	25.80	258.06
SSP MW-5D	23.98	259.98	24.01	259.95	23.92	260.04	23.88	260.08	23.90	260.06
SSP MW-6D	8.15	262.93	8.00	263.08	7.76	263.32	7.72	263.36	7.70	263.38

Notes:
AMSL - Above Mean Sea Level
AP - Ash Ponds
BGS - Below Ground Surface
BTOC - Below Top of Casing
NM - Not Measured
SFL - Site F Landfill
SSP - Scrubber Sludge Pond
Well Designations:
CG - Cross-gradient; DG - Down-gradient; UG - Up-gradient

Comments:
1. Well designation is based on the general groundwater flow direction relative to the monitored CCR unit.
2. Total advanced drilling depth is the total depth of the drilled borehole. This depth is based on the information from the boring logs and could be deeper than bottom depth of the installed monitoring well/piezometer.
3. Monitoring wells have missing or insufficient information on boring logs. Bottom of screen elevation is calculated based on subtracting the total well depth from the top of casing elevation. The top of screen elevation is assumed to be approximately five feet higher in elevation based on the assumption that the screen length in each of these wells is 5-feet.

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater												
Sample Location:		SFL MW-1S(R) - Proposed								SFL MW-1S(R) - Proposed (Dissolved)				
Screen Interval Elevation (feet AMSL):		254.5 - 264.5								254.5 - 264.5				
Sample Date:		5/21/2025	7/23/2025	8/28/2025	10/15/2025	11/19/2025	1/5/2026	2/18/2026	3/30/2026	8/28/2025	10/15/2025	1/5/2026	2/18/2026	3/30/2026
Constituent	Unit													
		Field Parameters												
Temperature	°C	--	--	22.4	22.8	26.5	21.0	22.7	21.6	22.4	22.8	21.0	22.7	21.6
Conductivity	µS/cm	--	--	9,290	9,518	8,638	8,919	9,229	8,989	9,290	9,518	8,919	9,229	8,989
ORP	mV	--	--	-84.0	95.0	9.9	65.0	274.1	-4.5	-84.0	95.0	65.0	274.1	-4.5
D.O.	mg/L	--	--	0.47	1.85	0.21	2.34	3.33	0.88	0.47	1.85	2.34	3.33	0.88
Turbidity	NTU	--	--	47.4	44.2	2.81	8.12	11.5	18.0	47.4	44.2	8.12	11.5	18.0
pH, Field	SU	--	--	6.32	6.46	6.44	6.55	6.04	6.13	6.32	6.46	6.55	6.04	6.13
		Additional Chemistry Evaluation												
Aluminum	mg/L	--	--	<0.00549	<0.0110	<0.00549	0.0913	<0.00549	0.0622	0.439	<0.0352	<0.0352	<0.0352	0.0366 J
Iron	mg/L	--	--	1.09	0.456	0.631	1.58	0.656	1.41	3.39	0.420	0.697	0.749	1.23
Magnesium	mg/L	--	--	86.7	99.0	93.5	90.6	108	97.9	97.0	95.4	106	102	105
Potassium	mg/L	--	--	43.3	39.8	43.2	40.5	43.7	45.6	44.6	48.4	48.5	45.4	49.9
Sodium	mg/L	--	--	1,230	1,260	1,170	1,130	1,240	1,440	1,410	1,240	1,440	1,360	1,550
Alkalinity	mg/L	--	--	187	171	156	157	150	145.0	--	--	--	--	--
		Appendix III												
Boron	mg/L	--	--	0.355	0.356	0.351	0.319	0.362	0.340	0.341	0.346	0.387	0.357	0.412
Calcium	mg/L	--	--	630	650	586	560	685	885	650	591	650	613	955
Chloride	mg/L	--	--	2,560	2,720	2,770	2,560	2,830	2,780	--	--	--	--	--
Fluoride[1]	mg/L	--	--	<1.00	0.180 J	<0.100	<0.100	<0.100	<0.100	--	--	--	--	--
pH, Laboratory	SU	--	--	6.5	6.5	6.5	6.5	6.4	6.5	--	--	--	--	--
Sulfate	mg/L	--	--	1,320	1,300	1,450	1,130	1,390	1,440	--	--	--	--	--
Total Dissolved Solids	mg/L	--	--	7,540	5,660	6,120	5,480	6,290	5,980	--	--	--	--	--
		Appendix IV												
Antimony	mg/L	--	--	<0.000750	<0.00150	<0.000750	<0.000750	<0.000750	<0.000750	<0.00803	<0.00803	<0.00803	<0.00803	<0.00803
Arsenic	mg/L	--	--	<0.000690	<0.00138	<0.000690	0.000986 J	<0.000690	0.00120 J	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650
Barium	mg/L	--	--	0.0544	0.0531	0.0447	0.0474	0.0368	0.0486	0.0540	0.0462	0.0493	0.0422	0.0474
Beryllium	mg/L	--	--	<0.000271	<0.000542	<0.000271	<0.000271	<0.000271	<0.00136	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
Cadmium	mg/L	--	--	<0.000240	<0.000480	<0.000240	<0.000240	<0.000240	<0.000240	0.00312 J	<0.000831	<0.000831	<0.000831	<0.000831
Chromium	mg/L	--	--	<0.000560	<0.00112	0.00620	0.00111 J	<0.000560	<0.000560	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	--	--	0.00229	0.00395 J	0.00292	0.00276	0.00247	0.00309	0.00308 J	0.00188 J	0.00165 J	0.00263 J	0.00258 J
Lead	mg/L	--	--	<0.000367	<0.000734	<0.000367	<0.000367	<0.000367	<0.000367	<0.00368	<0.00368	0.00490 J	<0.00368	<0.00368
Lithium	mg/L	--	--	0.184	0.338	0.321	0.133	0.610	0.553	0.0453	0.0404	0.122	0.517	0.402
Mercury	mg/L	--	--	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	--	--	0.00399	0.00347 J	0.00258	0.00185 J	0.00149 J	0.00171 J	<0.00260	<0.00260	<0.00260	<0.00260	<0.00260
Radium-226/228	pCi/L	--	--	5.90	6.88	7.06	7.16	7.85	6.37	--	--	--	--	--
Selenium	mg/L	--	--	0.00123 J	0.00125 J	0.00115 J	<0.000590	<0.000590	0.00112 J	<0.00927	<0.00927	<0.00927	<0.00927	<0.00927
Thallium	mg/L	--	--	<0.000415	<0.000830	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110	<0.0110	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		SFL MW-1S(R) - Contingency							
Screen Interval Elevation (feet AMSL):		245.5 - 255.5							
Sample Date:		5/21/2025	7/21/2025	8/27/2025	10/15/2025	11/19/2025	1/5/2026	2/19/2026	3/30/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	22.9	25.1	23.6	22.3	23.2	21.4	21.9	21.5
Conductivity	µS/cm	7,854	8,826	8,613	8,697	7,761	8,438	9,120	9,010
ORP	mV	-166.7	-32.7	-91.0	39.9	-45.9	29.4	150.9	362.1
D.O.	mg/L	0.17	0.21	1.14	0.48	0.12	0.95	0.31	1.35
Turbidity	NTU	9.86	5.13	5.13	5.53	7.50	4.77	4.35	3.40
pH, Field	SU	5.48	4.14	4.14	4.46	4.34	4.21	3.49	3.58
		Additional Chemistry Evaluation							
Aluminum	mg/L	6.51	14.6	15.9	4.00	4.71	8.84	33.9	29.7
Iron	mg/L	1.76	7.04	8.31	3.67	3.70	6.49	5.31	5.16
Magnesium	mg/L	148	142	155	164	174	155	160	161
Potassium	mg/L	21.9	23.4	23.4	14.3	17.7	21.2	29.3	29.4
Sodium	mg/L	815	740	815	765	805	885	1,030	840
Alkalinity	mg/L	7.14	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
		Appendix III							
Boron	mg/L	0.363	0.319	0.313	0.223 J	0.233	0.239	0.294	0.290
Calcium	mg/L	890	820	910	840	900	744	1,240	885
Chloride	mg/L	1,870	1,700	2,190	2,440	2,550	2,390	2,650	2,610
Fluoride[1]	mg/L	1.62 J	1.31 J	1.05 J	1.21	0.862	0.821	2.77	2.31
pH, Laboratory	SU	4.7	4.0	4.2	4.4	4.7	4.2	3.6	3.7
Sulfate	mg/L	1,630	1,450	1,940	1,890	2,120	1,840	2,190	2,220
Total Dissolved Solids	mg/L	5,760	6,380	6,930	5,570	6,260	5,330	6,790	6,070
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	0.000800 J	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750
Arsenic	mg/L	0.00847	0.0143	0.0150	0.00796	0.00971	0.0133	0.0180	0.0167
Barium	mg/L	0.0324	0.0214	0.0322	0.0294	0.0227	0.0279	0.0191	0.0280
Beryllium	mg/L	0.0472	0.0547	0.0647	0.0441	0.0506	0.0580	0.0842	0.0903
Cadmium	mg/L	0.0355	0.0229	0.0203	0.0372	0.0426	0.0162	0.0196	0.0354
Chromium	mg/L	0.00105 J	0.00175 J	0.00257 J	0.00128 J	0.000919 J	0.00183 J	0.00331 J	0.00371 J
Cobalt	mg/L	0.253	0.290	0.293	0.255	0.235	0.229	0.254	0.281
Lead	mg/L	0.00238	0.00414 J	0.00530	0.00325	0.00431	0.00457	0.00976	0.0132
Lithium	mg/L	0.369	3.30	0.103	0.307	0.293	0.113	0.584	0.660
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255
Radium-226/228	pCi/L	1.83	1.50	0.569	2.95	2.00	2.66	2.63	2.47
Selenium	mg/L	0.0975	0.000840	0.000926 J	0.00157 J	0.00210	0.000695 J	0.000612 J	0.156
Thallium	mg/L	0.00619	0.00740 J	0.00795	0.00507	0.00500	0.00661	0.0117	0.0103

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		SFL MW-2							
Screen Interval Elevation (feet AMSL):		244.7 - 249.7							
Sample Date:		5/20/2025	NS	NS	NS	11/13/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	22.5	--	--	--	23.9	--	--	--
Conductivity	µS/cm	10,068	--	--	--	8,018	--	--	--
ORP	mV	119.0	--	--	--	188.0	--	--	--
D.O.	mg/L	0.22	--	--	--	0.13	--	--	--
Turbidity	NTU	2.40	--	--	--	0.02	--	--	--
pH, Field	SU	6.01	--	--	--	6.43	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.196	--	--	--	0.374	--	--	--
Iron	mg/L	0.0541	--	--	--	0.119	--	--	--
Magnesium	mg/L	138	--	--	--	97.9	--	--	--
Potassium	mg/L	67.7	--	--	--	57.5	--	--	--
Sodium	mg/L	1,450	--	--	--	1,330	--	--	--
Alkalinity	mg/L	94.9	--	--	--	115	--	--	--
		Appendix III							
Boron	mg/L	0.672	--	--	--	0.650	--	--	--
Calcium	mg/L	890	--	--	--	735	--	--	--
Chloride	mg/L	2,620	--	--	--	2,770	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	<1.00	--	--	--
pH, Laboratory	SU	6.1	--	--	--	6.2	--	--	--
Sulfate	mg/L	1,700	--	--	--	1,600	--	--	--
Total Dissolved Solids	mg/L	5,870	--	--	--	5,430	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.000999 J	--	--	--	0.00123 J	--	--	--
Barium	mg/L	0.0211	--	--	--	0.0187	--	--	--
Beryllium	mg/L	0.00276	--	--	--	0.00144 J	--	--	--
Cadmium	mg/L	0.00152 J	--	--	--	0.000801 J	--	--	--
Chromium	mg/L	<0.000560	--	--	--	0.000595 J	--	--	--
Cobalt	mg/L	0.0111	--	--	--	0.0166	--	--	--
Lead	mg/L	<0.000367	--	--	--	0.000583 J	--	--	--
Lithium	mg/L	0.571	--	--	--	0.369	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	0.000409 J	--	--	--	0.00116 J	--	--	--
Radium-226/228	pCi/L	8.72	--	--	--	9.44	--	--	--
Selenium	mg/L	0.00256	--	--	--	<0.000590	--	--	--
Thallium	mg/L	0.000533 J	--	--	--	0.000510 J	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		SFL MW-3							
Screen Interval Elevation (feet AMSL):		247.2 - 252.2							
Sample Date:		5/20/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.6	--	--	--	23.7	--	--	--
Conductivity	µS/cm	5,980	--	--	--	5,902	--	--	--
ORP	mV	417.3	--	--	--	338.9	--	--	--
D.O.	mg/L	0.17	--	--	--	0.12	--	--	--
Turbidity	NTU	4.45	--	--	--	0.02	--	--	--
pH, Field	SU	3.80	--	--	--	3.85	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	7.79	--	--	--	7.85	--	--	--
Iron	mg/L	1.36	--	--	--	1.65	--	--	--
Magnesium	mg/L	93.3	--	--	--	98.0	--	--	--
Potassium	mg/L	54.0	--	--	--	54.7	--	--	--
Sodium	mg/L	630	--	--	--	750	--	--	--
Alkalinity	mg/L	<4.00	--	--	--	<4.00	--	--	--
		Appendix III							
Boron	mg/L	5.31	--	--	--	5.58	--	--	--
Calcium	mg/L	474	--	--	--	541	--	--	--
Chloride	mg/L	726	--	--	--	846	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	0.558	--	--	--
pH, Laboratory	SU	3.8	--	--	--	3.8	--	--	--
Sulfate	mg/L	2,520	--	--	--	2,550	--	--	--
Total Dissolved Solids	mg/L	4,960	--	--	--	4,210	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.00286 J	--	--	--	0.00326 J	--	--	--
Barium	mg/L	0.0115	--	--	--	0.0104	--	--	--
Beryllium	mg/L	0.0293	--	--	--	0.0295	--	--	--
Cadmium	mg/L	0.00436	--	--	--	0.00448	--	--	--
Chromium	mg/L	<0.000560	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	0.0451	--	--	--	0.0477	--	--	--
Lead	mg/L	0.0155	--	--	--	0.0172	--	--	--
Lithium	mg/L	0.339	--	--	--	0.304	--	--	--
Mercury	mg/L	0.000143 J	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	5.26	--	--	--	5.97	--	--	--
Selenium	mg/L	0.0285	--	--	--	0.00101 J	--	--	--
Thallium	mg/L	0.00482	--	--	--	0.00549	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		SFL MW-4S							
Screen Interval Elevation (feet AMSL):		245.2 - 255.2							
Sample Date:		5/21/2025	7/21/2025	8/28/2025	10/15/2025	11/19/2025	1/5/2026	2/17/2026	3/31/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	24.9	27.7	24.7	27.5	23.9	22.9	23.8	21.8
Conductivity	µS/cm	11,794	13,122	12,985	12,940	11,180	11,620	12,391	12,648
ORP	mV	532.4	-40.8	-85.0	312.9	354.5	112.8	377.4	455.1
D.O.	mg/L	0.97	0.26	0.78	0.28	0.27	0.48	0.91	2.00
Turbidity	NTU	5.93	8.00	1.11	2.56	0.02	0.61	1.49	0.01
pH, Field	SU	5.23	4.48	4.25	4.30	4.20	4.25	3.95	3.93
		Additional Chemistry Evaluation							
Aluminum	mg/L	1.49	2.78	4.11	4.24	4.70	4.58	5.24	5.18
Iron	mg/L	0.123	0.175	0.255	0.422	1.05	0.312	0.221	0.192
Magnesium	mg/L	262	277	323	262	275	241	261	285
Potassium	mg/L	83.7	82.4	79.2	76.5	89.3	74.1	83.6	86.3
Sodium	mg/L	1,340	1,430	1,730	1,530	1,530	1,610	1,510	1,820
Alkalinity	mg/L	38.3	6.31	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
		Appendix III							
Boron	mg/L	3.41	1.76	1.85	1.83	2.54	2.52	2.43	2.24
Calcium	mg/L	925	975	1,170	1,070	955	772	880	1,320
Chloride	mg/L	3,160	4,010	3,790	4,260	4,180	3,340	3,600	3,460
Fluoride[1]	mg/L	1.88 J	<0.500	<1.00	<1.00	0.519	<0.100	<1.00	<1.00
pH, Laboratory	SU	5.3	4.4	4.4	4.4	4.2	4.3	4.1	4.0
Sulfate	mg/L	2,030	2,080	2,150	2,410	2,460	2,120	2,060	1,950
Total Dissolved Solids	mg/L	8,610	6,280	7,960	6,510	7,540	7,270	7,880	8,880
		Appendix IV							
Antimony	mg/L	0.00134 J	<0.000750	<0.00375	<0.000750	0.00100 J	<0.000750	0.00243	<0.000750
Arsenic	mg/L	0.00451	0.00495	0.00543	0.00455	0.00539	0.00580	0.00536	0.00497
Barium	mg/L	0.0686	0.0483	0.0588	0.0428	0.0382	0.0436	0.0317	0.0381
Beryllium	mg/L	0.0381	0.0494	0.0554	0.0557	0.0499	0.0508	0.0567	0.0686
Cadmium	mg/L	0.0270	0.0365	0.0391	0.0316	0.0226	0.0208	0.0273	0.0353
Chromium	mg/L	0.00959	0.00582	0.00565	0.00551	0.00184 J	0.0175	0.00241 J	0.00304 J
Cobalt	mg/L	0.117	0.109	0.126	0.109	0.101	0.0894	0.0977	0.105
Lead	mg/L	0.00224	<0.00184	0.00188 J	0.00344	0.00497	0.00545	0.00671	0.00687 J
Lithium	mg/L	0.791	3.61	0.317	0.819	0.957	0.510	0.998	1.02
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000718 J	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255
Radium-226/228	pCi/L	7.99	8.75	9.05	8.60	7.66	11.4	10.4	12.3
Selenium	mg/L	0.0557	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	0.0538
Thallium	mg/L	0.00438	0.00450 J	0.00519 J	0.00520	0.00471	0.00458	0.00536	0.00519 J

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		SFL MW-5							
Screen Interval Elevation (feet AMSL):		252.3 - 257.3							
Sample Date:		5/20/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	22.9	--	--	--	24.6	--	--	--
Conductivity	µS/cm	1,087	--	--	--	10,415	--	--	--
ORP	mV	54.2	--	--	--	340.4	--	--	--
D.O.	mg/L	0.51	--	--	--	0.27	--	--	--
Turbidity	NTU	3.22	--	--	--	0.65	--	--	--
pH, Field	SU	4.27	--	--	--	4.48	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.637	--	--	--	0.476	--	--	--
Iron	mg/L	0.195	--	--	--	0.486	--	--	--
Magnesium	mg/L	144	--	--	--	147	--	--	--
Potassium	mg/L	58.3	--	--	--	62.7	--	--	--
Sodium	mg/L	1,090	--	--	--	1,520	--	--	--
Alkalinity	mg/L	<4.00	--	--	--	<4.00	--	--	--
		Appendix III							
Boron	mg/L	6.59	--	--	--	5.63	--	--	--
Calcium	mg/L	602	--	--	--	850	--	--	--
Chloride	mg/L	2,480	--	--	--	2,950	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	<0.100	--	--	--
pH, Laboratory	SU	4.4	--	--	--	4.4	--	--	--
Sulfate	mg/L	2,350	--	--	--	2,480	--	--	--
Total Dissolved Solids	mg/L	6,740	--	--	--	8,570	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.00166 J	--	--	--	0.00166 J	--	--	--
Barium	mg/L	0.0153	--	--	--	0.0156	--	--	--
Beryllium	mg/L	0.0114	--	--	--	0.00908	--	--	--
Cadmium	mg/L	0.00402	--	--	--	0.00353	--	--	--
Chromium	mg/L	0.00691	--	--	--	0.00290 J	--	--	--
Cobalt	mg/L	0.0444	--	--	--	0.0408	--	--	--
Lead	mg/L	0.000602 J	--	--	--	0.000578 J	--	--	--
Lithium	mg/L	0.729	--	--	--	0.588	--	--	--
Mercury	mg/L	0.000233	--	--	--	0.000101 J	--	--	--
Molybdenum	mg/L	0.000309 J	--	--	--	0.000293 J	--	--	--
Radium-226/228	pCi/L	15.7	--	--	--	15.9	--	--	--
Selenium	mg/L	0.0220	--	--	--	<0.000590	--	--	--
Thallium	mg/L	0.00121 J	--	--	--	0.00119 J	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater									
Sample Location:		SFL MW-6								SFL MW-6 (Dissolved)	
Screen Interval Elevation (feet AMSL):		264.0 - 269.0								264.0 - 269.0	
Sample Date:		5/20/2025	NS	NS	NS	11/13/2025	NS	NS	NS	5/20/2025	11/13/2025
Constituent	Unit										
		Field Parameters									
Temperature	°C	25.0	--	--	--	25.4	--	--	--	25.0	25.4
Conductivity	µS/cm	13,984	--	--	--	23,339	--	--	--	13,984	23,339
ORP	mV	162.7	--	--	--	200.4	--	--	--	162.7	200.4
D.O.	mg/L	0.41	--	--	--	0.76	--	--	--	0.41	0.76
Turbidity	NTU	23.9	--	--	--	43.7	--	--	--	23.9	43.7
pH, Field	SU	3.81	--	--	--	3.43	--	--	--	3.81	3.43
		Additional Chemistry Evaluation									
Aluminum	mg/L	10.9	--	--	--	11.9	--	--	--	7.42	17.6
Iron	mg/L	1.17	--	--	--	0.751	--	--	--	9.57	7.56
Magnesium	mg/L	249	--	--	--	358	--	--	--	278	512
Potassium	mg/L	88.0	--	--	--	114.0	--	--	--	93.8	150
Sodium	mg/L	1,850	--	--	--	2,430	--	--	--	2,060	3,700
Alkalinity	mg/L	<4.00	--	--	--	<4.00	--	--	--	--	--
		Appendix III									
Boron	mg/L	0.315	--	--	--	0.389	--	--	--	0.353	0.531
Calcium	mg/L	875	--	--	--	1,070	--	--	--	1,060	1,470
Chloride	mg/L	4,550	--	--	--	9,720	--	--	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	<10.0	--	--	--	--	--
pH, Laboratory	SU	3.7	--	--	--	3.5	--	--	--	--	--
Sulfate	mg/L	2,420	--	--	--	2,610	--	--	--	--	--
Total Dissolved Solids	mg/L	11,000	--	--	--	14,700	--	--	--	--	--
		Appendix IV									
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--	<0.00803	<0.00803
Arsenic	mg/L	0.0135	--	--	--	0.0171	--	--	--	0.0330	0.0512
Barium	mg/L	0.0395	--	--	--	0.0288	--	--	--	0.0276	0.0399
Beryllium	mg/L	0.0656	--	--	--	0.0716	--	--	--	0.0504	0.0999
Cadmium	mg/L	0.00795	--	--	--	0.00422	--	--	--	0.00715	0.00645
Chromium	mg/L	0.00467	--	--	--	0.00331 J	--	--	--	<0.00216	0.0109
Cobalt	mg/L	0.0985	--	--	--	0.119	--	--	--	0.113	0.198
Lead	mg/L	0.00992	--	--	--	0.0126	--	--	--	<0.00368	0.0272
Lithium	mg/L	0.762	--	--	--	1.04	--	--	--	0.756	1.38
Mercury	mg/L	0.0000890 J	--	--	--	0.000102 J	--	--	--	0.000104 J	0.0000960 J
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--	<0.00260	<0.00260
Radium-226/228	pCi/L	18.3	--	--	--	21.6	--	--	--	--	--
Selenium	mg/L	0.120	--	--	--	0.0836	--	--	--	<0.00927	<0.00927
Thallium	mg/L	0.00375	--	--	--	0.00504 J	--	--	--	<0.0110	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		SFL MW-7S							
Screen Interval Elevation (feet AMSL):		235.7 - 245.7							
Sample Date:		5/21/2025	7/22/2025	8/27/2025	10/15/2025	11/19/2025	1/5/2026	2/17/2026	3/30/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.8	24.9	26.4	25.5	24.6	23.8	23.6	24.5
Conductivity	µS/cm	14,934	15,399	14,351	14,482	13,578	13,286	14,566	14,599
ORP	mV	-141.8	26.6	-102.3	41.6	9.7	65.7	158.9	100.2
D.O.	mg/L	0.26	0.49	0.38	0.20	0.15	0.32	0.36	0.18
Turbidity	NTU	6.41	1.15	1.37	4.43	0.51	0.83	0.91	3.98
pH, Field	SU	6.37	5.64	5.60	5.76	5.68	5.72	5.81	5.61
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0372	0.0425	0.0151 J	<0.0275	0.0262	<0.00549	<0.00549	0.00625 J
Iron	mg/L	0.754	0.614	0.752	0.800	0.735	0.748	0.691	0.633
Magnesium	mg/L	235	216	198	212	225	178	204	217
Potassium	mg/L	45.4	37.3	39.0	32.9	40.4	37.7	42.0	41.2
Sodium	mg/L	1,860	1,850	1,810	1,750	1,840	1,530	1,620	1,760
Alkalinity	mg/L	124	111	124	110	109	114	113	113
		Appendix III							
Boron	mg/L	0.854	0.681	0.788	0.740	0.761	0.813	0.861	0.799
Calcium	mg/L	1,090	1,040	1,060	1,010	1,080	855	895	985
Chloride	mg/L	4,150	429	4,130	4,800	4,160	3,830	4,070	4,190
Fluoride[1]	mg/L	<1.00	<0.100	<1.00	<1.00	<1.00	<0.100	<1.00	<1.00
pH, Laboratory	SU	5.9	5.6	5.8	5.9	5.9	5.9	5.9	5.8
Sulfate	mg/L	1,390	151	1,520	1,680	1,540	1,330	1,390	1,470
Total Dissolved Solids	mg/L	10,400	7,490	10,200	6,680	9,340	7,550	8,640	9,150
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.00375	<0.000750	<0.000750	<0.000750	<0.000750
Arsenic	mg/L	0.00325 J	0.00239 J	0.00185 J	<0.00345	0.00245 J	0.00158 J	0.00134 J	0.00121 J
Barium	mg/L	0.0450	0.0312	0.0383	0.0355	0.0322	0.0365	0.0249	0.0376
Beryllium	mg/L	<0.000271	<0.000271	<0.000271	<0.00136	<0.000271	<0.000271	<0.000271	<0.00136
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.00120	<0.000240	<0.000240	<0.00240	<0.000240
Chromium	mg/L	<0.000560	0.000929 J	<0.000560	<0.00280	<0.000560	<0.000560	<0.000560	<0.000560
Cobalt	mg/L	0.00223	0.00149 J	0.00116 J	<0.00178	0.00155 J	0.00131 J	0.00113 J	0.000976 J
Lead	mg/L	<0.000367	<0.000367	<0.00184	<0.00184	<0.000367	<0.000367	<0.000367	0.000486 J
Lithium	mg/L	0.624	3.36	0.280	0.615	0.624	0.275	0.906	0.949
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000531 J	0.000433 J	0.000358 J	<0.00128	0.000392 J	0.000275 J	0.000283 J	0.000395 J
Radium-226/228	pCi/L	10.4	8.93	7.13	9.57	9.65	10.4	8.53	9.30
Selenium	mg/L	<0.000590	<0.000590	<0.000590	<0.00295	<0.000590	<0.000590	<0.00590	<0.000590
Thallium	mg/L	0.000628 J	0.000862 J	<0.00208	<0.00208	0.000754 J	0.000549 J	0.000683 J	0.000778 J

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		SFL MW-8S							
Screen Interval Elevation (feet AMSL):		243.4 - 253.4							
Sample Date:		5/21/2025	7/22/2025	8/27/2025	10/15/2025	11/19/2025	1/6/2026	2/17/2026	3/30/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	22.9	26.9	26.7	26.0	24.0	22.5	19.6	22.1
Conductivity	µS/cm	5,819	5,967	6,065	6,167	5,021	5,981	6,120	6,200
ORP	mV	264.3	-58.5	-40.2	71.7	145.3	321.3	359.9	360.5
D.O.	mg/L	0.08	0.19	0.32	0.39	0.21	0.25	0.45	0.17
Turbidity	NTU	7.90	5.01	1.45	0.51	0.02	1.49	3.15	5.30
pH, Field	SU	4.52	4.01	3.89	3.87	3.72	3.96	3.20	3.58
		Additional Chemistry Evaluation							
Aluminum	mg/L	6.16	9.79	8.97	10.4	9.11	9.23	10.4	9.28
Iron	mg/L	24.5	17.9	22.7	27.8	29.2	37.6	29.5	21.8
Magnesium	mg/L	116	106	117	115	115	137	108	123
Potassium	mg/L	28.8	25.4	27.0	25.5	30.2	33.4	29.6	30.4
Sodium	mg/L	635	580	665	630	695	760	620	675
Alkalinity	mg/L	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
		Appendix III							
Boron	mg/L	22.6	21.5	21.5	18.9	18.8	22.3	17.2	18.4
Calcium	mg/L	520	453	520	510	499	640	463	514
Chloride	mg/L	1,110	1,150	246	1,330	1,320	1,290	1,320	1,330
Fluoride[1]	mg/L	1.49 J	0.897 J	0.688	0.667	0.760	1.02	0.426 J	0.841
pH, Laboratory	SU	4.3	3.9	4.2	3.7	4.0	3.2	3.0	3.4
Sulfate	mg/L	1,610	1,630	552	1,880	1,190	1,690	1,870	1,710
Total Dissolved Solids	mg/L	5,620	4,680	4,710	4,760	4,240	4,280	4,080	4,630
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	0.00316	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750
Arsenic	mg/L	0.00742	0.00971	0.00973	0.0106	0.0100	0.0107	0.0108	0.00842
Barium	mg/L	0.0322	0.0236	0.0284	0.0279	0.0227	0.0255	0.0169	0.0249
Beryllium	mg/L	0.0393	0.0433	0.0395	0.0426	0.0387	0.0409	0.0450	0.0446
Cadmium	mg/L	0.00671	0.00409	0.00408	0.00485	0.00545	0.0150	0.00758	0.00792
Chromium	mg/L	0.000731 J	0.000774 J	0.000856 J	0.000770 J	0.000819 J	0.00129 J	0.00167 J	0.000686 J
Cobalt	mg/L	0.109	0.112	0.114	0.120	0.109	0.106	0.0935	0.127
Lead	mg/L	0.0140	0.0183	0.0164	0.0214	0.0233	0.0631	0.0390	0.0302
Lithium	mg/L	0.442	0.254	0.241	0.354	0.367	0.510	0.484	0.530
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	<0.000255	<0.000255	0.000493 J	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255
Radium-226/228	pCi/L	3.97	4.20	4.93	5.54	4.37	4.08	4.42	4.63
Selenium	mg/L	0.0688	0.000665 J	0.000745 J	<0.000590	0.0376	<0.000590	<0.000590	0.0701
Thallium	mg/L	0.00267	0.00283	0.00295	0.00328	0.00322	0.00337	0.00342	0.00303

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		MNW-15							
Screen Interval Elevation (feet AMSL):		230.3 - 235.3							
Sample Date:		5/20/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.7	--	--	--	25.2	--	--	--
Conductivity	µS/cm	4,275	--	--	--	4,268	--	--	--
ORP	mV	312.2	--	--	--	299.4	--	--	--
D.O.	mg/L	0.08	--	--	--	0.56	--	--	--
Turbidity	NTU	4.70	--	--	--	0.02	--	--	--
pH, Field	SU	3.59	--	--	--	3.49	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	29.3	--	--	--	26.5	--	--	--
Iron	mg/L	18.7	--	--	--	20.1	--	--	--
Magnesium	mg/L	59.7	--	--	--	60.8	--	--	--
Potassium	mg/L	31.0	--	--	--	32.4	--	--	--
Sodium	mg/L	440	--	--	--	505	--	--	--
Alkalinity	mg/L	<4.00	--	--	--	<4.00	--	--	--
		Appendix III							
Boron	mg/L	10.1	--	--	--	10.6	--	--	--
Calcium	mg/L	266	--	--	--	288	--	--	--
Chloride	mg/L	632	--	--	--	774	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	0.965	--	--	--
pH, Laboratory	SU	3.6	--	--	--	3.5	--	--	--
Sulfate	mg/L	1,560	--	--	--	1,620	--	--	--
Total Dissolved Solids	mg/L	3,280	--	--	--	3,180	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.00761	--	--	--	0.00832	--	--	--
Barium	mg/L	0.0139	--	--	--	0.0131	--	--	--
Beryllium	mg/L	0.0806	--	--	--	0.0736	--	--	--
Cadmium	mg/L	0.0455	--	--	--	0.0426	--	--	--
Chromium	mg/L	<0.000560	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	0.252	--	--	--	0.245	--	--	--
Lead	mg/L	0.000754 J	--	--	--	0.00105 J	--	--	--
Lithium	mg/L	0.145	--	--	--	0.105	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	1.70	--	--	--	1.71	--	--	--
Selenium	mg/L	0.0737	--	--	--	0.000740 J	--	--	--
Thallium	mg/L	0.00187 J	--	--	--	0.00241	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Shallow Groundwater							
Sample Location:		MNW-17							
Screen Interval Elevation (feet AMSL):		243.5 - 248.5							
Sample Date:		6/3/2025	NS	NS	NS	NS	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	25.7	--	--	--	--	--	--	--
Conductivity	µS/cm	138.1	--	--	--	--	--	--	--
ORP	mV	256.6	--	--	--	--	--	--	--
D.O.	mg/L	3.30	--	--	--	--	--	--	--
Turbidity	NTU	7.60	--	--	--	--	--	--	--
pH, Field	SU	5.26	--	--	--	--	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.956	--	--	--	--	--	--	--
Iron	mg/L	0.629	--	--	--	--	--	--	--
Magnesium	mg/L	0.623	--	--	--	--	--	--	--
Potassium	mg/L	0.456 J	--	--	--	--	--	--	--
Sodium	mg/L	20.0	--	--	--	--	--	--	--
Alkalinity	mg/L	20.8	--	--	--	--	--	--	--
		Appendix III							
Boron	mg/L	<0.0162	--	--	--	--	--	--	--
Calcium	mg/L	4.21	--	--	--	--	--	--	--
Chloride	mg/L	20.4	--	--	--	--	--	--	--
Fluoride[1]	mg/L	<0.100	--	--	--	--	--	--	--
pH, Laboratory	SU	5.7	--	--	--	--	--	--	--
Sulfate	mg/L	8.72	--	--	--	--	--	--	--
Total Dissolved Solids	mg/L	102	--	--	--	--	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	--	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	--	--	--	--
Barium	mg/L	0.0137	--	--	--	--	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	--	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	--	--	--	--
Chromium	mg/L	0.000880 J	--	--	--	--	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	--	--	--	--
Lead	mg/L	0.629	--	--	--	--	--	--	--
Lithium	mg/L	<0.0174	--	--	--	--	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	--	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	--	--	--	--
Radium-226/228	pCi/L	0.342 U	--	--	--	--	--	--	--
Selenium	mg/L	<0.000590	--	--	--	--	--	--	--
Thallium	mg/L	<0.000415	--	--	--	--	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater										
Sample Location:		SFL MW-2D								SFL MW-2D (Dissolved)		
Screen Interval Elevation (feet AMSL):		205.7 - 215.7								205.7 - 215.7		
Sample Date:		6/4/2025	7/22/2025	8/28/2025	10/15/2025	11/19/2025	1/5/2026	2/17/2026	3/30/2026	1/5/2026	2/17/2026	3/30/2026
Constituent	Unit											
		Field Parameters										
Temperature	°C	27.1	25.0	27.7	27.0	25.5	22.5	20.6	24.1	22.5	20.6	24.1
Conductivity	µS/cm	6,336	6,828	6,722	6,694	5,977	6,589	6,514	6,758	6,589	6,514	6,758
ORP	mV	91.2	72.5	-89.7	13.4	36.0	-202.1	-80.8	-92.2	-202.1	-80.8	-92.2
D.O.	mg/L	0.86	0.35	0.25	0.28	0.18	0.26	0.44	0.31	0.26	0.44	0.31
Turbidity	NTU	8.15	9.28	7.14	4.87	8.35	85.8	43.8	97.20	85.8	43.8	97.20
pH, Field	SU	5.55	5.57	5.64	5.83	5.94	6.06	6.02	6.08	6.06	6.02	6.08
		Additional Chemistry Evaluation										
Aluminum	mg/L	0.120	0.109	0.0664	0.0352	0.0728	1.51	0.866	1.78	<0.0352	1.140	<0.0352
Iron	mg/L	0.739	0.452	0.475	0.402	0.303	1.33	0.645	1.82	0.268	0.608	0.101 J
Magnesium	mg/L	59.9	57.2	56.3	56.5	53.9	46.2	49.5	54.7	55.1	50.5	52.8
Potassium	mg/L	48.7	50.2	50.4	44.7	49.3	42.9	42.6	54.7	51.7	50.4	51.9
Sodium	mg/L	950	900	1,050	965	1,010	935	920	1,160	1,130	973	1,010
Alkalinity	mg/L	37.2	40.2	61.4	54.7	68.0	69.7	77.4	85.0	--	--	--
		Appendix III										
Boron	mg/L	2.29	2.71	2.63	2.28	1.93	1.53	1.57	1.72	1.80	1.82	1.81
Calcium	mg/L	442	421	479	435	410	352	399	535	419	374	413
Chloride	mg/L	1,550	1,450	1,470	1,570	1,190	1,560	1,530	1,740	--	--	--
Fluoride[1]	mg/L	0.538 J	<0.500	<0.500	<0.100	<0.100	<0.100	<0.100	<0.100	--	--	--
pH, Laboratory	SU	5.7	5.7	5.8	5.9	6.2	6.1	6.2	6.3	--	--	--
Sulfate	mg/L	1,450	1,490	1,550	1,590	1,670	1,390	1,340	1,610	--	--	--
Total Dissolved Solids	mg/L	4,660	4,100	5,280	3,880	4,240	4,030	4,990	4,290	--	--	--
		Appendix IV										
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.000750	<0.000750	<0.000750	<0.00150	<0.000750	<0.00803	<0.00803	<0.00803
Arsenic	mg/L	0.00245 J	0.00349 J	0.00479	0.00579	0.00559	0.00475	0.00238 J	0.00425	<0.00650	<0.00650	<0.00650
Barium	mg/L	0.0244	0.0236	0.0253	0.0250	0.0221	0.0294	0.0229	0.0422	0.0239	0.0271	0.0267
Beryllium	mg/L	0.00162 J	0.00118 J	0.000843 J	0.000395 J	0.000293 J	0.000311 J	<0.000271	<0.00136	<0.00107	<0.00107	<0.00107
Cadmium	mg/L	0.000438 J	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000831	<0.000831	<0.000831
Chromium	mg/L	0.00107 J	<0.000560	<0.000560	<0.000560	0.000624 J	0.00142 J	0.000830 J	0.00174 J	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	0.0201	0.0125	0.00927	0.00565	0.00426	0.00315	0.00275	0.00347	0.00349 J	0.00247 J	0.00329 J
Lead	mg/L	0.000485 J	<0.000367	<0.00184	<0.000367	<0.000367	0.00157 J	0.00104 J	0.00333	<0.00368	<0.00368	<0.00368
Lithium	mg/L	0.477	0.355	0.296	0.418	0.456	0.309	0.550	0.513	0.347	0.573	0.611
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	<0.000255	0.000529 J	0.000561 J	0.000767 J	0.000905 J	0.00101 J	0.00131 J	0.00167 J	<0.00260	<0.00260	<0.00260
Radium-226/228	pCi/L	4.29	2.87	3.42	3.99	2.24	5.15	3.55	3.91	--	--	--
Selenium	mg/L	0.00620	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	0.00190 J	<0.00927	<0.00927	<0.00927
Thallium	mg/L	0.000424 J	0.000423 J	<0.00208	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater														
Sample Location:		SFL MW-3D								SFL MW-3D (Dissolved)						
Screen Interval Elevation (feet AMSL):		213.2 - 223.2								213.2 - 223.2						
Sample Date:		6/4/2025	7/22/2025	8/27/2025	10/16/2025	11/20/2025	1/5/2026	2/17/2026	3/30/2026	6/4/2025	7/22/2025	8/27/2025	11/20/2025	1/5/2026	2/17/2026	3/30/2026
Constituent	Unit															
		Field Parameters														
Temperature	°C	27.3	25.3	27.8	21.7	23.5	22.2	23.2	24.1	27.3	25.3	27.8	23.5	22.2	23.2	24.1
Conductivity	µS/cm	5,536	6,230	6,165	6,470	5,703	6,327	6,303	6,405	5,536	6,230	6,165	5,703	6,327	6,303	6,405
ORP	mV	-118.1	-81.6	-79.6	30.5	-72.0	-192.7	-153.0	-118.6	-118.1	-81.6	-79.6	-72.0	-192.7	-153.0	-118.6
D.O.	mg/L	0.21	0.30	0.17	0.54	0.14	0.26	0.30	0.26	0.21	0.30	0.17	0.14	0.26	0.30	0.26
Turbidity	NTU	30.6	182	28.7	6.79	13.2	417	26.4	69.0	30.6	182	28.7	13.2	417	26.4	69.0
pH, Field	SU	6.63	6.78	6.58	6.54	6.53	6.56	6.48	6.52	6.63	6.78	6.58	6.53	6.56	6.48	6.52
		Additional Chemistry Evaluation														
Aluminum	mg/L	0.337	5.93	0.607	0.0691	0.218	4.28	0.0909	0.517	<0.0352	0.355	0.729	<0.0352	<0.0352	0.630	<0.0352
Iron	mg/L	2.08	6.94	1.90	2.51	3.12	5.51	2.16	2.25	2.11	2.34	2.41	3.04	2.35	2.96	1.82
Magnesium	mg/L	53.8	35.4	42.5	53.8	55.2	45.2	51.0	53.4	51.0	50.8	50.7	61.4	57.2	56.7	53.3
Potassium	mg/L	50.1	32.4	38.2	43.3	45.5	37.8	39.4	47.5	47.8	44.2	45.2	51.0	48.0	49.2	47.1
Sodium	mg/L	869	615	740	875	845	785	800	858	823	875	1,010	905	1,130	891	871
Alkalinity	mg/L	219	213	213	200	196	197	202	205	--	--	--	--	--	--	--
		Appendix III														
Boron	mg/L	1.02	0.655	0.768	0.789	0.758	0.655	0.735	0.853	1.02	0.936	0.887	0.849	0.848	0.856	0.856
Calcium	mg/L	375	270	328	369	372	307	359	363	355	390	421	417	388	367	369
Chloride	mg/L	1,480	1,500	1,570	1,650	1,960	1,810	1,560	1,710	--	--	--	--	--	--	--
Fluoride[1]	mg/L	0.500 J	<0.500	<0.500	0.109 J	<0.100	<0.100	0.114	<0.100	--	--	--	--	--	--	--
pH, Laboratory	SU	6.7	6.6	6.6	6.5	6.4	6.5	6.6	6.5	--	--	--	--	--	--	--
Sulfate	mg/L	879	741	822	966	1,050	895	788	744	--	--	--	--	--	--	--
Total Dissolved Solids	mg/L	4,150	4,230	4,960	3,630	4,100	3,820	4,740	4,020	--	--	--	--	--	--	--
		Appendix IV														
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.00803	<0.00803	<0.00803	<0.00803	0.0527	<0.00803	<0.00803
Arsenic	mg/L	0.00271 J	0.00451	0.00168 J	0.00240 J	0.00211 J	0.00303 J	0.00156 J	0.00185 J	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650
Barium	mg/L	0.0395	0.0824	0.0331	0.0343	0.0322	0.0706	0.0250	0.0382	0.0400	0.0380	0.0403	0.0357	0.0326	0.0354	0.0313
Beryllium	mg/L	<0.000271	0.00136 J	<0.000271	<0.000271	<0.000271	0.000747 J	<0.000271	<0.00136	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000831	<0.000831	0.00156 J	<0.000831	<0.000831	<0.000831	<0.000831
Chromium	mg/L	<0.000560	0.00412	0.000603 J	<0.000560	<0.000560	0.00297 J	0.000910 J	0.00119 J	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	<0.000355	0.00207	0.000402 J	<0.000355	0.000360 J	0.00156 J	<0.000355	0.000449 J	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123	<0.00123
Lead	mg/L	<0.000367	0.00838	0.000690 J	<0.000367	<0.000367	0.00529	<0.000367	0.000821 J	<0.00368	<0.00368	<0.00368	<0.00368	<0.00368	<0.00368	<0.00368
Lithium	mg/L	0.470	0.378	0.284	0.356	0.330	0.267	0.525	0.532	0.444	0.335	0.257	0.319	0.317	0.537	0.520
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000728 J	0.00186 J	0.000569 J	0.000506 J	0.000576 J	0.00112 J	0.000554 J	0.000712 J	<0.00260	<0.00260	<0.00260	0.000576 J	<0.00260	<0.00260	<0.00260
Radium-226/228	pCi/L	2.64	2.97	2.24	1.98	1.52	3.20	1.50	2.10	--	--	--	--	--	--	--
Selenium	mg/L	0.000834 J	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.00927	<0.00927	<0.00927	<0.000590	<0.00927	<0.00927	<0.00927
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110	<0.000415	<0.0110	<0.0110	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater							
Sample Location:		SFL MW-4							
Screen Interval Elevation (feet AMSL):		227.0 - 232.0							
Sample Date:		5/20/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.7	--	--	--	22.9	--	--	--
Conductivity	µS/cm	8,353	--	--	--	8,035	--	--	--
ORP	mV	-233.2	--	--	--	-98.3	--	--	--
D.O.	mg/L	0.10	--	--	--	0.12	--	--	--
Turbidity	NTU	3.57	--	--	--	0.94	--	--	--
pH, Field	SU	6.30	--	--	--	6.18	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0182 J	--	--	--	0.0147 J	--	--	--
Iron	mg/L	0.533	--	--	--	0.453	--	--	--
Magnesium	mg/L	118	--	--	--	119	--	--	--
Potassium	mg/L	64.4	--	--	--	63.5	--	--	--
Sodium	mg/L	802	--	--	--	1,050	--	--	--
Alkalinity	mg/L	173	--	--	--	169	--	--	--
		Appendix III							
Boron	mg/L	0.869	--	--	--	0.906	--	--	--
Calcium	mg/L	634	--	--	--	850	--	--	--
Chloride	mg/L	1,490	--	--	--	1,810	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	<0.100	--	--	--
pH, Laboratory	SU	6.3	--	--	--	6.2	--	--	--
Sulfate	mg/L	2,650	--	--	--	2,870	--	--	--
Total Dissolved Solids	mg/L	6,640	--	--	--	5,870	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	<0.000690	--	--	--
Barium	mg/L	0.0192	--	--	--	0.0179	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	<0.000271	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	<0.000240	--	--	--
Chromium	mg/L	<0.000560	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	<0.000355	--	--	--
Lead	mg/L	<0.000367	--	--	--	<0.000367	--	--	--
Lithium	mg/L	0.494	--	--	--	0.325	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	2.19	--	--	--	2.56	--	--	--
Selenium	mg/L	<0.000590	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.000415	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater															
Sample Location:		SFL MW-5D								SFL MW-5D (Dissolved)							
Screen Interval Elevation (feet AMSL):		211.0 - 221.0								211.0 - 221.0							
Sample Date:		6/3/2025	7/21/2025	8/27/2025	10/16/2025	11/20/2025	1/5/2026	2/17/2026	3/30/2026	6/3/2025	7/21/2025	8/27/2025	10/16/2025	11/20/2025	1/5/2026	2/17/2026	3/30/2026
Constituent	Unit																
Field Parameters																	
Temperature	°C	27.6	28.7	28.3	26.8	26.9	21.3	21.7	23.3	27.6	28.7	28.3	26.8	26.9	21.3	21.7	23.3
Conductivity	µS/cm	4,085	4,870	4,702	4,759	4,652	4,843	4,811	4,902	4,085	4,870	4,702	4,759	4,652	4,843	4,811	4,902
ORP	mV	-108.7	-91.2	-68.3	13.6	-108.5	-161.8	-119.5	-122.5	-108.7	-91.2	-68.3	13.6	-108.5	-161.8	-119.5	-122.5
D.O.	mg/L	0.57	0.59	0.61	0.87	0.35	0.54	0.39	0.43	0.57	0.59	0.61	0.87	0.35	0.54	0.39	0.43
Turbidity	NTU	18.8	26.8	35.1	19.5	46.7	41.9	33.3	44.2	18.8	26.8	35.1	19.5	46.7	41.9	33.3	44.2
pH, Field	SU	7.38	7.36	7.23	7.60	7.35	7.37	7.36	7.31	7.38	7.36	7.23	7.60	7.35	7.37	7.36	7.31
Additional Chemistry Evaluation																	
Aluminum	mg/L	0.0675	0.131	0.280	0.0426	0.219	0.221	0.442	0.379	<0.0352	0.174 J	<0.0352	<0.0352	<0.0352	0.227	<0.0352	0.214
Iron	mg/L	0.770	0.560	0.676	0.166	0.986	0.869	1.33	1.58	0.359	0.702	0.280	0.257	0.567	1.08	0.892	1.28
Magnesium	mg/L	18.3	16.0	15.8	18.7	17.8	17.2	16.9	18.5	18.0	17.0	16.9	15.3	17.9	19.6	20.7	17.5
Potassium	mg/L	42.4	36.5	36.4	38.5	39.0	37.5	33.6	40.7	44.3	37.8	39.0	35.9	39.7	42.3	42.9	38.4
Sodium	mg/L	805	765	745	895	805	900	750	935	870	710	1,050	680	835	1,060	706	774
Alkalinity	mg/L	253	243	266	262	260	260	259	264	--	--	--	--	--	--	--	--
Appendix III																	
Boron	mg/L	1.30	1.15	1.19	1.36	1.14	1.15	1.09	1.25	1.32	1.18	1.24	1.08	1.17	1.28	1.33	1.17
Calcium	mg/L	175	146	149	176	162	159	159	174	186	155	189	144	164	181	191	163
Chloride	mg/L	964	836	955	1,010	1,260	1,080	1,090	1,180	--	--	--	--	--	--	--	--
Fluoride[1]	mg/L	0.675 J	<0.500	0.133 J	0.269 J	0.312 J	0.287 J	<0.100	0.185 J	--	--	--	--	--	--	--	--
pH, Laboratory	SU	7.4	7.3	7.2	7.4	7.3	7.3	7.4	7.2	--	--	--	--	--	--	--	--
Sulfate	mg/L	704	554	738	755	849	720	795	826	--	--	--	--	--	--	--	--
Total Dissolved Solids	mg/L	2,920	2,890	3,590	2,610	3,020	2,800	4,730	3,160	--	--	--	--	--	--	--	--
Appendix IV																	
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	0.0125 J	<0.00803	0.0374	<0.00803	<0.00803	0.0392	<0.00803	0.0124 J
Arsenic	mg/L	0.00227 J	0.00210 J	0.00185 J	0.00140 J	0.00551	0.00357 J	0.00356 J	0.00386 J	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650
Barium	mg/L	0.0403	0.0338	0.0339	0.0316	0.0427	0.0431	0.0376	0.0449	0.0380	0.0377	0.0359	0.0337	0.0397	0.0460	0.0403	0.0391
Beryllium	mg/L	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.00136	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000831	<0.000831	<0.000831	<0.000831	<0.000831	<0.000831	<0.000831	<0.000831
Chromium	mg/L	0.000975 J	0.000705 J	0.000761 J	0.000678 J	0.000907 J	0.00155 J	0.00140 J	0.00127 J	<0.00216	0.00256 J	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	0.00111 J	0.000978 J	0.000939 J	0.000873 J	0.00314	0.00232	0.00199 J	0.00204	<0.00123	<0.00123	<0.00123	<0.00123	0.00385 J	0.00318 J	0.00267 J	<0.00123
Lead	mg/L	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	0.000416 J	0.000381 J	<0.00368	<0.00368	<0.00368	<0.00368	<0.00368	<0.00368	<0.00368	<0.00368
Lithium	mg/L	0.417	0.384	0.328	0.325	0.326	0.329	0.442	0.370	0.417	0.440	0.312	0.256	0.338	0.346	0.430	0.412
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00942	0.00710	0.00504	0.00480	0.00723	0.00526	0.00512	0.00547	0.00298 J	<0.00260	0.00266 J	<0.00260	<0.00260	0.00713 J	0.00288 J	0.00547
Radium-226/228	pCi/L	0.586 U	1.20	1.23 U	1.75	2.00	2.00	1.88	2.09	--	--	--	--	--	--	--	--
Selenium	mg/L	0.000743 J	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.00927	<0.00927	<0.00927	<0.00927	<0.00927	0.0115 J	<0.00927	<0.000590
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110	<0.0110	<0.0110	<0.0110	<0.0110	<0.000415

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater												
Sample Location:		SFL MW-6D								SFL MW-6D (Dissolved)				
Screen Interval Elevation (feet AMSL):		212.3 - 222.3								212.3 - 222.3				
Sample Date:		5/21/2025	7/22/2025	8/28/2025	10/15/2025	11/19/2025	1/5/2026	2/18/2026	3/30/2026	10/15/2025	11/19/2025	1/5/2026	2/18/2026	3/30/2026
Constituent	Unit													
		Field Parameters												
Temperature	°C	--	26.2	26.3	23.2	23.6	19.6	22.1	21.9	23.2	23.6	19.6	22.1	21.9
Conductivity	µS/cm	--	5,820	5,418	5,282	4,647	4,829	4,780	4,494	5,282	4,647	4,829	4,780	4,494
ORP	mV	--	-49.8	-21.2	116.3	220.2	49.1	134.4	50.7	116.3	220.2	49.1	134.4	50.7
D.O.	mg/L	--	0.41	0.28	2.57	1.30	1.32	3.93	0.51	2.57	1.30	1.32	3.93	0.51
Turbidity	NTU	--	71.6	72.8	>1,100	17.8	16.2	5.14	8.32	>1,100	17.8	16.2	5.14	8.32
pH, Field	SU	--	7.29	5.56	7.03	7.06	7.18	6.48	7.09	7.03	7.06	7.18	6.48	7.09
		Additional Chemistry Evaluation												
Aluminum	mg/L	--	--	--	11.8	8.06	8.04	<0.00549	<0.00549	<0.0352	<0.0352	0.0945 J	<0.0352	0.321
Iron	mg/L	--	--	--	9.73	6.04	5.40	0.0212	0.0128 J	<0.0283	<0.0283	0.0759 J	<0.0283	0.250
Magnesium	mg/L	--	--	--	20.9	18.0	22.2	17.9	18.2	25.0	21.5	20.6	18.7	18.4
Potassium	mg/L	--	--	--	45.7	38.7	49.1	41.8	43.0	48.5	47.2	46.6	42.4	43.0
Sodium	mg/L	--	--	--	725	695	925	742	734	845	805	960	855	757
Alkalinity	mg/L	--	--	--	173	182	182	187	195	--	--	--	--	--
		Appendix III												
Boron	mg/L	--	--	--	0.810	0.730	0.971	0.894	0.894	0.894	0.917	0.969	0.895	0.917
Calcium	mg/L	--	--	--	212	178	225	184	192	245	224	219	193	198
Chloride	mg/L	--	--	--	1,270	1,420	1,210	1,260	1,230	--	--	--	--	--
Fluoride[1]	mg/L	--	--	--	0.177 J	0.246 J	0.217 J	0.125 J	0.123 J	--	--	--	--	--
pH, Laboratory	SU	--	--	--	7.2	6.9	7.1	7.0	7.1	--	--	--	--	--
Sulfate	mg/L	--	--	--	760	778	647	746	700	--	--	--	--	--
Total Dissolved Solids	mg/L	--	--	--	3,010	2,970	2,960	3,270	3,130	--	--	--	--	--
		Appendix IV												
Antimony	mg/L	--	--	--	<0.000750	<0.000750	0.00103 J	0.000955 J	<0.000750	<0.00803	<0.00803	<0.00803	0.0113 J	<0.00803
Arsenic	mg/L	--	--	--	0.00790	0.00552	0.00525	0.00188 J	0.00233 J	<0.00650	<0.00650	<0.00650	<0.00650	<0.00650
Barium	mg/L	--	--	--	0.0952	0.0715	0.0888	0.0426	0.0504	0.0516	0.0605	0.0563	0.0473	0.0493
Beryllium	mg/L	--	--	--	0.00165 J	0.000880 J	0.000883 J	<0.000271	<0.000271	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
Cadmium	mg/L	--	--	--	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000831	<0.000831	<0.000831	<0.000831	<0.000831
Chromium	mg/L	--	--	--	0.00940	0.00672	0.00587	<0.000560	<0.000560	<0.00216	<0.000216	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	--	--	--	0.0105	0.00517	0.00469	0.00191 J	0.00178 J	<0.00123	0.00371 J	0.00130 J	0.00206 J	<0.00123
Lead	mg/L	--	--	--	0.0170	0.00843	0.00851	<0.000367	<0.000367	0.00636 J	<0.00368	<0.00368	<0.00368	<0.00368
Lithium	mg/L	--	--	--	0.250	0.249	0.317	0.383	0.394	0.283	0.281	0.307	0.402	0.401
Mercury	mg/L	--	--	--	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	--	--	--	0.0115	0.0130	0.0131	0.0127	0.0137	0.00869 J	0.0123	0.0118	0.0119	0.0137
Radium-226/228	pCi/L	--	--	--	4.93	3.92	6.37	3.73	3.75	--	--	--	--	--
Selenium	mg/L	--	--	--	0.000622 J	0.000622 J	<0.000590	<0.000590	<0.000590	0.0220 J	<0.00927	0.0129 J	<0.00927	<0.000590
Thallium	mg/L	--	--	--	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110	<0.0110	<0.000415

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater							
Sample Location:		SFL MW-7							
Screen Interval Elevation (feet AMSL):		209.8 - 214.8							
Sample Date:		5/20/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.6	--	--	--	23.8	--	--	--
Conductivity	µS/cm	7,104	--	--	--	8,840	--	--	--
ORP	mV	83.4	--	--	--	-200.7	--	--	--
D.O.	mg/L	0.50	--	--	--	0.11	--	--	--
Turbidity	NTU	3.04	--	--	--	0.02	--	--	--
pH, Field	SU	6.56	--	--	--	6.28	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0102 J	--	--	--	0.0190 J	--	--	--
Iron	mg/L	0.237	--	--	--	0.0803	--	--	--
Magnesium	mg/L	68.3	--	--	--	104	--	--	--
Potassium	mg/L	44.5	--	--	--	56.3	--	--	--
Sodium	mg/L	1,060	--	--	--	1,270	--	--	--
Alkalinity	mg/L	157	--	--	--	158	--	--	--
		Appendix III							
Boron	mg/L	0.824	--	--	--	0.766	--	--	--
Calcium	mg/L	476	--	--	--	745	--	--	--
Chloride	mg/L	1,910	--	--	--	3,170	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	<0.100	--	--	--
pH, Laboratory	SU	6.6	--	--	--	6.3	--	--	--
Sulfate	mg/L	707	--	--	--	1,020	--	--	--
Total Dissolved Solids	mg/L	4,200	--	--	--	6,710	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	<0.000690	--	--	--
Barium	mg/L	0.0609	--	--	--	0.0320	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	<0.000271	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	<0.000240	--	--	--
Chromium	mg/L	<0.000560	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	<0.000355	--	--	--
Lead	mg/L	<0.000367	--	--	--	<0.000367	--	--	--
Lithium	mg/L	0.506	--	--	--	0.344	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	2.70	--	--	--	3.53	--	--	--
Selenium	mg/L	<0.000590	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.000415	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater							
Sample Location:		SFL MW-8D							
Screen Interval Elevation (feet AMSL):		220.4 - 230.4							
Sample Date:		5/21/2025	7/22/2025	8/27/2025	10/15/2025	11/19/2025	1/6/2026	2/17/2026	3/30/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	24.2	27.5	26.9	25.9	23.9	22.9	21.5	23.0
Conductivity	µS/cm	2,674	2,684	2,651	2,625	2,140	2,475	2,570	2,556
ORP	mV	15.0	-43.5	15.1	49.1	-162.6	43.6	15.5	-25.1
D.O.	mg/L	0.08	0.39	0.25	0.49	0.20	0.38	0.70	0.49
Turbidity	NTU	6.40	9.94	6.00	4.10	0.02	1.49	4.19	4.21
pH, Field	SU	6.74	6.65	6.57	6.61	6.53	6.55	6.52	6.53
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0933	0.0186 J	0.0398	0.00653 J	0.0156 J	0.00658 J	0.0118 J	0.00765 J
Iron	mg/L	0.520	0.763	0.930	1.03	1.03	1.13	0.929	1.16
Magnesium	mg/L	29.7	28.6	29.9	30.3	28.4	33.0	28.2	29.3
Potassium	mg/L	27.1	26.1	26.8	25.0	25.4	28.0	26.4	27.1
Sodium	mg/L	343	354	362	355	342	402	356	356
Alkalinity	mg/L	150	154	161	143	142	128	136	128
		Appendix III							
Boron	mg/L	1.20	0.877	0.866	0.680	0.596	0.625	0.565	0.518
Calcium	mg/L	172	159	172	167	157	184	146	155
Chloride	mg/L	409	393	393	393	422	378	399	376
Fluoride[1]	mg/L	0.158 J	0.117 J	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
pH, Laboratory	SU	6.7	6.6	6.6	6.6	6.8	6.9	6.7	6.5
Sulfate	mg/L	641	624	655	691	502	591	707	615
Total Dissolved Solids	mg/L	1,530	1,720	2,150	1,510	1,540	1,720	1,840	1,690
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750
Arsenic	mg/L	0.00375 J	0.00309 J	0.00354 J	0.00260 J	0.00207 J	0.00174 J	0.00131 J	0.00127 J
Barium	mg/L	0.0426	0.0375	0.0412	0.0362	0.0384	0.0379	0.0318	0.0345
Beryllium	mg/L	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240
Chromium	mg/L	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560
Cobalt	mg/L	0.00252	0.00176 J	0.00200	0.00162 J	0.00147 J	0.00117 J	0.000800 J	0.000837 J
Lead	mg/L	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367
Lithium	mg/L	0.236	0.329	0.175	0.116 J	0.187	0.201	0.229	0.240
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00410	0.00263	0.00260	0.00169 J	0.00128 J	0.00106 J	0.000982 J	0.000941 J
Radium-226/228	pCi/L	1.71	1.07	1.79	2.62	1.25	1.93	1.33	1.50
Selenium	mg/L	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater							
Sample Location:		MNW-11							
Screen Interval Elevation (feet AMSL):		220.7 - 225.7							
Sample Date:		6/5/2025	NS	NS	NS	NS	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	25.4	--	--	--	--	--	--	--
Conductivity	µS/cm	7,971	--	--	--	--	--	--	--
ORP	mV	15.9	--	--	--	--	--	--	--
D.O.	mg/L	0.55	--	--	--	--	--	--	--
Turbidity	NTU	0.02	--	--	--	--	--	--	--
pH, Field	SU	7.00	--	--	--	--	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.00593 J	--	--	--	--	--	--	--
Iron	mg/L	0.0439	--	--	--	--	--	--	--
Magnesium	mg/L	49.1	--	--	--	--	--	--	--
Potassium	mg/L	50.8	--	--	--	--	--	--	--
Sodium	mg/L	1,370	--	--	--	--	--	--	--
Alkalinity	mg/L	294	--	--	--	--	--	--	--
		Appendix III							
Boron	mg/L	1.28	--	--	--	--	--	--	--
Calcium	mg/L	388	--	--	--	--	--	--	--
Chloride	mg/L	2,040	--	--	--	--	--	--	--
Fluoride[1]	mg/L	0.505 J	--	--	--	--	--	--	--
pH, Laboratory	SU	7.1	--	--	--	--	--	--	--
Sulfate	mg/L	842	--	--	--	--	--	--	--
Total Dissolved Solids	mg/L	4,600	--	--	--	--	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	--	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	--	--	--	--
Barium	mg/L	0.0240	--	--	--	--	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	--	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	--	--	--	--
Chromium	mg/L	0.000798 J	--	--	--	--	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	--	--	--	--
Lead	mg/L	<0.000367	--	--	--	--	--	--	--
Lithium	mg/L	0.629	--	--	--	--	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	--	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	--	--	--	--
Radium-226/228	pCi/L	1.08	--	--	--	--	--	--	--
Selenium	mg/L	<0.000590	--	--	--	--	--	--	--
Thallium	mg/L	<0.000415	--	--	--	--	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater								
Sample Location:		MNW-15D								MNW-15D (Dissolved)
Screen Interval Elevation (feet AMSL):		206.6 - 211.6								206.6 - 211.6
Sample Date:		6/5/2025	7/22/2025	8/27/2025	10/15/2025	11/19/2025	1/5/2026	2/17/2026	3/30/2026	1/5/2026
Constituent	Unit									
		Field Parameters								
Temperature	°C	25.0	25.7	28.5	26.1	24.6	23.3	22.2	25.2	23.3
Conductivity	µS/cm	4,109	4,430	4,617	4,600	3,768	4,398	4,562	4,576	4,398
ORP	mV	-111.7	-150.4	-45.9	19.2	-155.0	22.2	39.9	-12.5	22.2
D.O.	mg/L	0.12	0.31	0.62	0.32	0.16	0.40	0.49	0.33	0.40
Turbidity	NTU	7.66	1.43	1.53	6.75	0.02	14.5	8.01	9.15	14.5
pH, Field	SU	6.39	6.47	6.35	6.40	6.32	6.34	6.44	6.26	6.34
		Additional Chemistry Evaluation								
Aluminum	mg/L	0.103	0.0112 J	0.0245	0.0769	<0.00549	0.0564	0.0794	0.0398	<0.0352
Iron	mg/L	2.53	2.32	2.29	1.98	1.90	1.37	1.31	1.12	1.43
Magnesium	mg/L	46.0	44.7	50.3	53.5	47.4	45.8	47.4	50.7	49.6
Potassium	mg/L	42.4	39.5	43.5	40.8	40.2	39.2	43.7	43.8	42.8
Sodium	mg/L	595	555	630	660	660	585	631	627	720
Alkalinity	mg/L	113	111	119	107	106	97.1	98.3	100	--
		Appendix III								
Boron	mg/L	0.390	0.374	0.425	0.408	0.362	0.349	0.372	0.376	0.381
Calcium	mg/L	316	288	335	344	304	290	290	316	314
Chloride	mg/L	826	813	847	866	929	868	921	904	--
Fluoride[1]	mg/L	0.539 J	<0.500	<0.100	0.114 J	<0.100	<0.100	<0.100	<0.100	--
pH, Laboratory	SU	6.6	6.4	6.5	6.4	6.6	6.4	6.6	6.3	--
Sulfate	mg/L	1,090	1,100	1,200	1,180	973	1,120	1,270	1,160	--
Total Dissolved Solids	mg/L	2,740	3,100	3,540	2,150	2,800	2,770	3,100	3,010	--
		Appendix IV								
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.00803
Arsenic	mg/L	<0.000690	0.00100 J	0.00117 J	0.000911 J	0.000933 J	0.000732 J	0.000816 J	0.000699 J	<0.00650
Barium	mg/L	0.0390	0.0394	0.0471	0.0402	0.0381	0.0353	0.0326	0.0369	0.0386
Beryllium	mg/L	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.00136	<0.00107
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000831
Chromium	mg/L	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.00216
Cobalt	mg/L	<0.000355	<0.000355	<0.000355	<0.000355	<0.000355	<0.000355	<0.000355	<0.000355	<0.00123
Lead	mg/L	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.00368
Lithium	mg/L	0.329	0.391	0.237	0.240	0.286	0.212	0.328	0.395	0.219
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000310 J	0.000424 J	0.000472 J	0.000388 J	0.000309 J	0.000266 J	0.000469 J	0.000396 J	<0.00260
Radium-226/228	pCi/L	2.96	1.77	1.48	2.26	0.926	2.27	1.96	2.36	--
Selenium	mg/L	0.000963 J	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	<0.00927
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater							
Sample Location:		MNW-16							
Screen Interval Elevation (feet AMSL):		222.8 - 227.8							
Sample Date:		5/22/2025	NS	NS	NS	NS	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.1	--	--	--	--	--	--	--
Conductivity	µS/cm	13,134	--	--	--	--	--	--	--
ORP	mV	63.7	--	--	--	--	--	--	--
D.O.	mg/L	0.14	--	--	--	--	--	--	--
Turbidity	NTU	1.57	--	--	--	--	--	--	--
pH, Field	SU	6.70	--	--	--	--	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	<0.00549	--	--	--	--	--	--	--
Iron	mg/L	0.206	--	--	--	--	--	--	--
Magnesium	mg/L	134	--	--	--	--	--	--	--
Potassium	mg/L	87.3	--	--	--	--	--	--	--
Sodium	mg/L	2,090	--	--	--	--	--	--	--
Alkalinity	mg/L	174	--	--	--	--	--	--	--
		Appendix III							
Boron	mg/L	1.91	--	--	--	--	--	--	--
Calcium	mg/L	885	--	--	--	--	--	--	--
Chloride	mg/L	3,470	--	--	--	--	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	--	--	--	--
pH, Laboratory	SU	6.7	--	--	--	--	--	--	--
Sulfate	mg/L	1,840	--	--	--	--	--	--	--
Total Dissolved Solids	mg/L	8,700	--	--	--	--	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	--	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	--	--	--	--
Barium	mg/L	0.0144	--	--	--	--	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	--	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	--	--	--	--
Chromium	mg/L	<0.000560	--	--	--	--	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	--	--	--	--
Lead	mg/L	<0.000367	--	--	--	--	--	--	--
Lithium	mg/L	1.46	--	--	--	--	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	--	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	--	--	--	--
Radium-226/228	pCi/L	2.86	--	--	--	--	--	--	--
Selenium	mg/L	<0.000590	--	--	--	--	--	--	--
Thallium	mg/L	<0.000415	--	--	--	--	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill - Deep Groundwater							
Sample Location:		MNW-18							
Screen Interval Elevation (feet AMSL):		219.7 - 224.7							
Sample Date:		5/20/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.0	--	--	--	23.5	--	--	--
Conductivity	µS/cm	3,094	--	--	--	3,141	--	--	--
ORP	mV	85.4	--	--	--	-19.4	--	--	--
D.O.	mg/L	5.00	--	--	--	0.17	--	--	--
Turbidity	NTU	8.66	--	--	--	0.02	--	--	--
pH, Field	SU	7.21	--	--	--	6.80	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0123 J	--	--	--	<0.00549	--	--	--
Iron	mg/L	0.276	--	--	--	0.181	--	--	--
Magnesium	mg/L	29.4	--	--	--	31.0	--	--	--
Potassium	mg/L	28.4	--	--	--	28.7	--	--	--
Sodium	mg/L	487	--	--	--	520	--	--	--
Alkalinity	mg/L	185	--	--	--	190	--	--	--
		Appendix III							
Boron	mg/L	0.383	--	--	--	0.388	--	--	--
Calcium	mg/L	196	--	--	--	198	--	--	--
Chloride	mg/L	2,950	--	--	--	320	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	0.129 J	--	--	--
pH, Laboratory	SU	7.3	--	--	--	6.8	--	--	--
Sulfate	mg/L	10,900	--	--	--	1,240	--	--	--
Total Dissolved Solids	mg/L	1,850	--	--	--	2,170	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.000911 J	--	--	--	0.000746 J	--	--	--
Barium	mg/L	0.00837	--	--	--	0.0149	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	<0.000271	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	<0.000240	--	--	--
Chromium	mg/L	0.000684 J	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	0.000603 J	--	--	--
Lead	mg/L	0.000439 J	--	--	--	<0.000367	--	--	--
Lithium	mg/L	0.354	--	--	--	0.322	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	0.421 U	--	--	--	1.50	--	--	--
Selenium	mg/L	<0.000590	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.000415	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		SSP MW-1							
Screen Interval Elevation (feet AMSL):		249.3 - 254.3							
Sample Date:		5/22/2025	NS	NS	NS	NS	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.7	--	--	--	--	--	--	--
Conductivity	µS/cm	7,992	--	--	--	--	--	--	--
ORP	mV	408.6	--	--	--	--	--	--	--
D.O.	mg/L	0.08	--	--	--	--	--	--	--
Turbidity	NTU	1.55	--	--	--	--	--	--	--
pH, Field	SU	3.67	--	--	--	--	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	40.5	--	--	--	--	--	--	--
Iron	mg/L	0.511	--	--	--	--	--	--	--
Magnesium	mg/L	161	--	--	--	--	--	--	--
Potassium	mg/L	26.1	--	--	--	--	--	--	--
Sodium	mg/L	1,320	--	--	--	--	--	--	--
Alkalinity	mg/L	<4.00	--	--	--	--	--	--	--
		Appendix III							
Boron	mg/L	0.581	--	--	--	--	--	--	--
Calcium	mg/L	466	--	--	--	--	--	--	--
Chloride	mg/L	638	--	--	--	--	--	--	--
Fluoride[1]	mg/L	1.80 J	--	--	--	--	--	--	--
pH, Laboratory	SU	3.7	--	--	--	--	--	--	--
Sulfate	mg/L	3,830	--	--	--	--	--	--	--
Total Dissolved Solids	mg/L	6,340	--	--	--	--	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	--	--	--	--
Arsenic	mg/L	0.00889	--	--	--	--	--	--	--
Barium	mg/L	0.0123	--	--	--	--	--	--	--
Beryllium	mg/L	0.0583	--	--	--	--	--	--	--
Cadmium	mg/L	0.00758	--	--	--	--	--	--	--
Chromium	mg/L	<0.000560	--	--	--	--	--	--	--
Cobalt	mg/L	0.184	--	--	--	--	--	--	--
Lead	mg/L	0.0116	--	--	--	--	--	--	--
Lithium	mg/L	0.558	--	--	--	--	--	--	--
Mercury	mg/L	0.0353	--	--	--	--	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	--	--	--	--
Radium-226/228	pCi/L	26.3	--	--	--	--	--	--	--
Selenium	mg/L	0.0935	--	--	--	--	--	--	--
Thallium	mg/L	0.00659	--	--	--	--	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		SSP MW-2							
Screen Interval Elevation (feet AMSL):		237.1 - 242.1							
Sample Date:		5/20/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.8	--	--	--	23.1	--	--	--
Conductivity	µS/cm	9,942	--	--	--	8,952	--	--	--
ORP	mV	66.0	--	--	--	58.1	--	--	--
D.O.	mg/L	0.11	--	--	--	1.15	--	--	--
Turbidity	NTU	9.18	--	--	--	0.02	--	--	--
pH, Field	SU	5.01	--	--	--	4.78	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	1.24	--	--	--	1.90	--	--	--
Iron	mg/L	5.30	--	--	--	4.41	--	--	--
Magnesium	mg/L	171	--	--	--	168	--	--	--
Potassium	mg/L	64.8	--	--	--	61.1	--	--	--
Sodium	mg/L	985	--	--	--	1,010	--	--	--
Alkalinity	mg/L	10.5	--	--	--	11.0	--	--	--
		Appendix III							
Boron	mg/L	0.526	--	--	--	0.559	--	--	--
Calcium	mg/L	725	--	--	--	689	--	--	--
Chloride	mg/L	2,370	--	--	--	2,140	--	--	--
Fluoride[1]	mg/L	<0.500	--	--	--	0.508	--	--	--
pH, Laboratory	SU	5.0	--	--	--	4.8	--	--	--
Sulfate	mg/L	2,250	--	--	--	2,650	--	--	--
Total Dissolved Solids	mg/L	6,550	--	--	--	5,630	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.00510	--	--	--	0.00572	--	--	--
Barium	mg/L	0.0198	--	--	--	0.0149	--	--	--
Beryllium	mg/L	0.0450	--	--	--	0.0613	--	--	--
Cadmium	mg/L	0.000497 J	--	--	--	0.00109 J	--	--	--
Chromium	mg/L	0.00122 J	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	0.0413	--	--	--	0.0628	--	--	--
Lead	mg/L	<0.000367	--	--	--	<0.000367	--	--	--
Lithium	mg/L	0.787	--	--	--	0.687	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	3.11	--	--	--	4.31	--	--	--
Selenium	mg/L	0.0434	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.000415	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater								
Sample Location:		SSP MW-3								SSP MW-3 (Dissolved)
Screen Interval Elevation (feet AMSL):		236.5 - 241.5								236.5 - 241.5
Sample Date:		5/21/2025	NS	NS	NS	11/13/2025	NS	NS	NS	5/21/2025
Constituent	Unit									
		Field Parameters								
Temperature	°C	25.4	--	--	--	27.2	--	--	--	25.4
Conductivity	µS/cm	7,778	--	--	--	7,037	--	--	--	7,778
ORP	mV	218.1	--	--	--	297.1	--	--	--	218.1
D.O.	mg/L	3.10	--	--	--	0.39	--	--	--	3.10
Turbidity	NTU	20.2	--	--	--	9.5	--	--	--	20.2
pH, Field	SU	4.36	--	--	--	4.24	--	--	--	4.36
		Additional Chemistry Evaluation								
Aluminum	mg/L	2.92	--	--	--	1.75	--	--	--	1.54
Iron	mg/L	1.63	--	--	--	0.937	--	--	--	0.992
Magnesium	mg/L	126	--	--	--	143	--	--	--	142
Potassium	mg/L	44.6	--	--	--	54.2	--	--	--	51.2
Sodium	mg/L	870	--	--	--	1,050	--	--	--	1,030
Alkalinity	mg/L	<4.00	--	--	--	<4.00	--	--	--	--
		Appendix III								
Boron	mg/L	2.73	--	--	--	3.77	--	--	--	2.99
Calcium	mg/L	550	--	--	--	705	--	--	--	645
Chloride	mg/L	1,500	--	--	--	1,500	--	--	--	--
Fluoride[1]	mg/L	0.810 J	--	--	--	0.667	--	--	--	--
pH, Laboratory	SU	4.4	--	--	--	4.5	--	--	--	--
Sulfate	mg/L	2,380	--	--	--	2,710	--	--	--	--
Total Dissolved Solids	mg/L	4,920	--	--	--	5,480	--	--	--	--
		Appendix IV								
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--	<0.00803
Arsenic	mg/L	0.00713	--	--	--	0.00730	--	--	--	0.0103
Barium	mg/L	0.0212	--	--	--	0.0156	--	--	--	0.0159
Beryllium	mg/L	0.0985	--	--	--	0.0970	--	--	--	0.0943
Cadmium	mg/L	0.0506	--	--	--	0.0404	--	--	--	0.0460
Chromium	mg/L	0.00245 J	--	--	--	0.00151 J	--	--	--	0.00441 J
Cobalt	mg/L	0.447	--	--	--	0.428	--	--	--	0.439
Lead	mg/L	0.00483	--	--	--	0.00411	--	--	--	<0.00368
Lithium	mg/L	0.579	--	--	--	0.450	--	--	--	0.579
Mercury	mg/L	0.000213	--	--	--	0.000239	--	--	--	<0.0000706
Molybdenum	mg/L	0.000506 J	--	--	--	0.000613 J	--	--	--	<0.00260
Radium-226/228	pCi/L	40.1	--	--	--	35.3	--	--	--	--
Selenium	mg/L	0.0486	--	--	--	<0.000590	--	--	--	<0.00927
Thallium	mg/L	0.00818	--	--	--	0.00844	--	--	--	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		SSP MW-4S							
Screen Interval Elevation (feet AMSL):		248.4 - 258.4							
Sample Date:		5/21/2025	7/18/2025	8/25/2025	10/13/2025	11/17/2025	1/7/2026	2/19/2026	4/1/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	24.2	24.5	27.1	26.1	24.1	21.3	22.2	22.9
Conductivity	µS/cm	5,266	5,587	5,542	5,589	4,946	5,192	5,219	5,210
ORP	mV	159.6	-15.0	-64.7	64.1	309.5	239.9	285.6	287.2
D.O.	mg/L	0.25	0.67	0.41	0.54	0.17	0.49	0.43	0.25
Turbidity	NTU	1.56	9.2	2.15	1.60	3.07	0.19	0.39	0.95
pH, Field	SU	3.75	3.65	3.57	3.91	3.60	3.68	3.40	3.53
		Additional Chemistry Evaluation							
Aluminum	mg/L	26.7	23.9	27.1	26.0	22.5	23.9	23.0	23.0
Iron	mg/L	37.8	44.6	47.6	44.1	40.3	47.4	47.3	53.8
Magnesium	mg/L	175	226	222	224	213	232	211	193
Potassium	mg/L	27.5	38.6	37.0	34.0	35.1	40.2	38.2	33.7
Sodium	mg/L	328	428	456	438	449	458	510	423
Alkalinity	mg/L	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00
		Appendix III							
Boron	mg/L	8.30	11.4	11.0	10.5	10.5	10.8	9.50	8.37
Calcium	mg/L	374	500	520	560	550	510	650	485
Chloride	mg/L	488	488	473	478	525	428	463	408
Fluoride[1]	mg/L	2.35 J	2.37 J	2.67	2.37	2.50	3.17	2.55	2.73
pH, Laboratory	SU	3.7	3.4	3.5	3.4	3.6	3.6	3.5	3.6
Sulfate	mg/L	2,710	2,730	3,160	3,050	3,090	2,730	2,730	2,630
Total Dissolved Solids	mg/L	4,320	2,510	4,350	4,410	4,540	5,200	4,540	4,390
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.000750	<0.000750	<0.00375	<0.000750	0.00199 J
Arsenic	mg/L	0.0103	0.0104	0.0111	0.0110	0.0112	0.0166 J	0.0106	0.00912
Barium	mg/L	0.0317	0.0282	0.0298	0.0308	0.0217	0.0306	0.0247	0.0292
Beryllium	mg/L	0.0309	0.0276	0.0293	0.0272	0.0223	0.0272	0.0265	0.0274
Cadmium	mg/L	0.00218	0.00224	0.00237	0.00228	0.00191 J	0.00269 J	0.00212	0.00270
Chromium	mg/L	0.00141 J	0.000712 J	0.00109 J	0.00101 J	0.00160 J	<0.00280	0.000690 J	0.000842 J
Cobalt	mg/L	0.104	0.104	0.112	0.113	0.101	0.133	0.101	0.113
Lead	mg/L	0.0144	0.0150	0.0178	0.0173	0.0147	0.0164	0.0163	0.0162
Lithium	mg/L	0.272	0.189	0.0713	0.224	0.176	0.249	0.417	0.565
Mercury	mg/L	0.000268	0.0000900 J	0.000162 J	0.000213	0.000155 J	0.000128 J	0.000144 J	0.000111 J
Molybdenum	mg/L	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.00128	<0.000255	<0.000255
Radium-226/228	pCi/L	12.1	14.9	13.7	14.4	12.2	15.0	13.1	11.3
Selenium	mg/L	0.0944	0.00165 J	0.00173 J	0.00160 J	0.0502	<0.00295	0.00128 J	0.00300
Thallium	mg/L	0.00351	0.00318	0.00375 J	0.00365	0.00314	0.00353 J	0.00345	0.00348

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		SSP MW-5S							
Screen Interval Elevation (feet AMSL):		241.0 - 251.0							
Sample Date:		5/22/2025	7/17/2025	8/25/2025	10/13/2025	11/17/2025	1/7/2026	2/19/2026	4/1/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.3	23.9	23.6	24.1	25.3	21.7	23.8	23.8
Conductivity	µS/cm	7,539	7,505	7,154	7,520	6,486	6,728	7,203	7,128
ORP	mV	-73.8	61.5	-71.1	78.9	118.4	107.2	165.9	86.0
D.O.	mg/L	0.17	0.65	0.33	0.22	0.21	0.44	0.39	0.25
Turbidity	NTU	7.90	8.10	1.49	8.35	4.40	0.58	1.97	0.09
pH, Field	SU	5.32	5.12	5.04	5.17	5.13	5.20	5.01	5.07
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0717	0.0379	0.0370	0.0750 J	0.0490	<0.0275	0.0348	0.0680
Iron	mg/L	0.528	2.69	1.58	1.08	0.774	0.528	0.645	0.693
Magnesium	mg/L	101	87.6	94.0	86.0	85.6	89.0	81.2	79.3
Potassium	mg/L	36.7	31.5	30.3	28.9	30.3	28.6	29.0	24.6
Sodium	mg/L	1,020	955	1,160	1,010	1,020	1,040	1,030	935
Alkalinity	mg/L	46.4	37.9	38.6	38.0	41.6	36.1	38.8	40.9
		Appendix III							
Boron	mg/L	0.256	0.205	0.198	0.219	0.223	0.227 J	0.205	0.184 J
Calcium	mg/L	474	417	468	470	416	455	375	403
Chloride	mg/L	1,950	1,980	1,920	2,040	2,080	2,150	2,130	2,060
Fluoride[1]	mg/L	<1.00	<0.500	<0.500	0.106 J	<0.100	<0.100	<0.100	<0.100
pH, Laboratory	SU	5.5	5.1	5.3	5.2	5.4	5.2	5.1	5.2
Sulfate	mg/L	939	903	944	966	911	950	932	897
Total Dissolved Solids	mg/L	4,320	4,700	5,600	4,870	4,550	4,800	4,980	4,020
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.00375	<0.000750	<0.00375	<0.000750	<0.000750
Arsenic	mg/L	0.00317 J	0.0109	0.00776	0.00395 J	0.00268 J	<0.00345	0.00287 J	0.00258 J
Barium	mg/L	0.0325	0.0291	0.0289	0.0285	0.0235	0.0243	0.0198	0.0244
Beryllium	mg/L	0.00199 J	0.00263	0.00253 J	0.00253 J	0.00197 J	0.00216 J	0.00230	0.00224
Cadmium	mg/L	0.00160 J	0.00107 J	0.00130 J	0.00195 J	0.00165 J	0.00185 J	<0.00240	0.00175 J
Chromium	mg/L	<0.000560	<0.000560	<0.000560	<0.00280	<0.000560	<0.00280	<0.000560	<0.000560
Cobalt	mg/L	0.0390	0.0433	0.0377	0.0358	0.0315	0.0317	0.0249	0.0311
Lead	mg/L	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367
Lithium	mg/L	0.412	0.230	0.230	0.246	0.325	0.389	0.402	0.569
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000438 J	<0.000255	0.000256 J	<0.00128	0.000267 J	<0.00128	<0.00255	0.000388 J
Radium-226/228	pCi/L	3.14	3.26	3.87	2.53	3.20	3.90	5.89	4.01
Selenium	mg/L	<0.000590	<0.000590	<0.000590	<0.00295	<0.000590	<0.00295	<0.00590	<0.000590
Thallium	mg/L	0.000753 J	0.000829 J	<0.00208	0.00109 J	0.00114 J	<0.00208	0.00105 J	0.00112 J

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater								
Sample Location:		SSP MW-6S (REH-1)								SSP MW-6S (REH-1) (Dissolved)
Screen Interval Elevation (feet AMSL):		236.4 - 246.4								236.4 - 246.4
Sample Date:		6/2/2025	7/17/2025	8/25/2025	10/13/2025	11/17/2025	1/7/2026	2/19/2026	4/1/2026	1/7/2026
Constituent	Unit									
		Field Parameters								
Temperature	°C	24.1	25.9	24.0	22.7	23.8	23.3	24.0	25.8	23.3
Conductivity	µS/cm	8,405	8,000	8,260	8,381	6,998	7,591	8,410	8,470	7,591
ORP	mV	-47.9	3.3	-99.7	68.6	-224.3	86.7	154.7	120.9	86.7
D.O.	mg/L	0.11	0.53	0.29	0.15	0.12	0.31	0.26	0.19	0.31
Turbidity	NTU	8.73	8.97	6.61	7.92	4.67	20.1	8.99	9.30	20.1
pH, Field	SU	5.32	5.33	5.08	5.20	5.01	5.17	5.02	5.03	5.17
		Additional Chemistry Evaluation								
Aluminum	mg/L	0.485	0.384	0.497	0.592	0.619	0.529	0.749	0.635	0.630
Iron	mg/L	6.95	5.99	7.61	8.45	7.76	7.94	7.60	8.03	9.11
Magnesium	mg/L	158	145	174	170	189	231	177	186	191
Potassium	mg/L	43.1	45.4	49.2	43.4	49.6	55.0	48.0	43.2	51.3
Sodium	mg/L	1,030	945	1,170	1,060	1,130	1,370	1,340	1,110	1,130
Alkalinity	mg/L	50.7	58.4	42.9	177	42.3	44.4	48.2	45.2	--
		Appendix III								
Boron	mg/L	0.354	0.392	0.399	0.360	0.384	0.468	0.386	0.381 J	0.406
Calcium	mg/L	615	555	660	695	654	855	895	701	659
Chloride	mg/L	1,560	1,400	1,460	1,580	1,770	1,780	1,820	1,820	--
Fluoride[1]	mg/L	0.914 J	<0.500	<0.500	0.571	0.616	1.18	0.682	<0.100	--
pH, Laboratory	SU	5.2	5.3	5.4	5.1	5.2	5.2	5.2	5.2	--
Sulfate	mg/L	2,770	2,710	3,050	2,850	2,890	2,830	2,790	2,850	--
Total Dissolved Solids	mg/L	6,430	6,470	6,050	6,430	6,200	9,410	6,410	6,220	--
		Appendix IV								
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.00375	<0.000750	<0.00375	<0.000750	<0.000750	0.00982 J
Arsenic	mg/L	0.00146 J	0.00202 J	0.00203 J	<0.00345	0.00174 J	<0.00345	0.00217 J	0.00219 J	0.00854 J
Barium	mg/L	0.0181	0.0167	0.0186 J	0.0181 J	0.0161	0.0170 J	0.0177	0.0183	0.0173
Beryllium	mg/L	0.0690	0.0418	0.0561	0.0689	0.0601	0.0693	0.0774	0.0751	0.0767
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.00120	<0.000240	<0.00120	<0.000240	<0.000240	<0.000831
Chromium	mg/L	<0.000560	<0.000560	<0.000560	<0.00280	<0.000560	<0.00280	<0.000560	<0.000560	<0.00216
Cobalt	mg/L	0.0126	0.00800	0.0109	0.0143	0.0137	0.0151	0.0142	0.0164	0.0130
Lead	mg/L	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367	0.00770 J
Lithium	mg/L	0.436	0.305	0.322	0.360	0.499	0.585	0.662	0.676	0.473
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	<0.000255	<0.000255	<0.000255	<0.00128	<0.000255	<0.00128	<0.000255	<0.000255	<0.00260
Radium-226/228	pCi/L	3.81	3.33	3.07	2.18	3.27	3.52	3.25	3.54	--
Selenium	mg/L	0.00400	<0.000590	<0.000590	<0.00295	<0.000590	<0.00295	<0.000590	<0.000590	<0.00927
Thallium	mg/L	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		AP MW-1							
Screen Interval Elevation (feet AMSL):		246.5 - 251.5							
Sample Date:		5/22/2025	7/17/2025	8/26/2025	10/14/2025	11/18/2025	1/6/2026	2/18/2026	4/1/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.1	24.9	23.8	24.7	23.5	23.4	23.0	21.7
Conductivity	µS/cm	2,484	2,599	2,412	2,400	1,988	1,920	1,905	2,053
ORP	mV	3.5	-42.6	-37.1	81.5	35.7	69.1	149.3	106.1
D.O.	mg/L	0.12	0.55	0.41	0.13	0.08	0.32	0.30	0.50
Turbidity	NTU	6.71	2.01	1.01	2.46	0.02	1.31	0.02	1.20
pH, Field	SU	5.48	5.37	5.33	5.37	5.47	5.52	5.43	5.43
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0245	0.0219	0.0172 J	0.0186 J	0.0980	0.0185 J	0.0148 J	0.0138 J
Iron	mg/L	4.70	5.06	3.50	3.03	2.06	1.17	0.970	1.24
Magnesium	mg/L	32.5	33.9	29.4	31.0	24.4	24.9	19.9	22.7
Potassium	mg/L	11.1	11.1	10.4	9.90	9.32	10.2	8.96	8.67
Sodium	mg/L	346	367	401	330	288	324	271	285
Alkalinity	mg/L	83.8	76.5	79.4	80.8	83.9	82.4	82.7	843
		Appendix III							
Boron	mg/L	4.05	3.98	3.88	3.97	3.82	4.79	3.93	3.79
Calcium	mg/L	157	160	170	152	123	132	98.4	118
Chloride	mg/L	277	306	265	255	225	171	181	188
Fluoride[1]	mg/L	0.136 J	<0.100	<0.100	<0.100	0.171 J	<0.100	0.132 J	<0.100
pH, Laboratory	SU	5.6	5.5	5.6	5.8	5.6	5.9	5.5	5.7
Sulfate	mg/L	802	788	827	834	775	636	725	685
Total Dissolved Solids	mg/L	2,280	2,030	1,580	1,670	1,680	1,310	1,550	1,590
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750
Arsenic	mg/L	0.00348 J	0.00425	0.00454	0.00381 J	0.00380 J	0.00395 J	0.00287 J	0.00338 J
Barium	mg/L	0.0552	0.0537	0.0554	0.0479	0.0473	0.0453	0.0388	0.0434
Beryllium	mg/L	0.00552	0.00617	0.00574	0.00481	0.00424	0.00372	0.00367	0.00400
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240
Chromium	mg/L	0.000633 J	<0.000560	0.000613 J	0.000707 J	<0.000560	<0.000560	<0.000560	0.000731 J
Cobalt	mg/L	0.120	0.119	0.115	0.103	0.0907	0.0877	0.0723	0.0937
Lead	mg/L	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367
Lithium	mg/L	0.129	0.116	0.0790	<0.0868	0.0807	<0.0868	0.0711	0.240 J
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00318	0.00304	0.00304	0.00303	0.00327	0.00382	0.00346	0.00403
Radium-226/228	pCi/L	5.76	5.06	4.29	4.75	4.34	2.88	2.31	3.56
Selenium	mg/L	0.00450	<0.000590	<0.000590	<0.000590	0.00234	<0.000590	<0.000590	<0.000590
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		AP MW-3							
Screen Interval Elevation (feet AMSL):		232.0 - 237.0							
Sample Date:		5/19/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.6	--	--	--	23.6	--	--	--
Conductivity	µS/cm	1,648	--	--	--	1,581	--	--	--
ORP	mV	188.6	--	--	--	113.8	--	--	--
D.O.	mg/L	0.40	--	--	--	0.07	--	--	--
Turbidity	NTU	0.02	--	--	--	0.02	--	--	--
pH, Field	SU	5.01	--	--	--	5.07	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0269	--	--	--	0.0293	--	--	--
Iron	mg/L	0.0574	--	--	--	0.0507	--	--	--
Magnesium	mg/L	18.6	--	--	--	19.6	--	--	--
Potassium	mg/L	11.0	--	--	--	10.9	--	--	--
Sodium	mg/L	176	--	--	--	188	--	--	--
Alkalinity	mg/L	9.30	--	--	--	10.1	--	--	--
		Appendix III							
Boron	mg/L	4.44	--	--	--	4.58	--	--	--
Calcium	mg/L	119	--	--	--	129	--	--	--
Chloride	mg/L	141	--	--	--	129	--	--	--
Fluoride[1]	mg/L	0.141 J	--	--	--	<0.100	--	--	--
pH, Laboratory	SU	5.4	--	--	--	5.2	--	--	--
Sulfate	mg/L	617	--	--	--	677	--	--	--
Total Dissolved Solids	mg/L	1,390	--	--	--	1,160	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.00137 J	--	--	--	0.00135 J	--	--	--
Barium	mg/L	0.0191	--	--	--	0.0192	--	--	--
Beryllium	mg/L	0.00287	--	--	--	0.00254	--	--	--
Cadmium	mg/L	0.00345	--	--	--	0.00302	--	--	--
Chromium	mg/L	<0.000560	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	0.0323	--	--	--	0.0280	--	--	--
Lead	mg/L	<0.000367	--	--	--	<0.000367	--	--	--
Lithium	mg/L	0.0804	--	--	--	0.0660	--	--	--
Mercury	mg/L	0.00122	--	--	--	0.000888	--	--	--
Molybdenum	mg/L	0.000319 J	--	--	--	0.000434 J	--	--	--
Radium-226/228	pCi/L	2.96	--	--	--	2.28	--	--	--
Selenium	mg/L	0.000998 J	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.000415	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater								
Sample Location:		AP MW-4S								AP MW-4S (Dissolved)
Screen Interval Elevation (feet AMSL):		236.1 - 246.1								236.1 - 246.1
Sample Date:		5/22/2025	7/18/2025	8/26/2025	10/14/2025	11/18/2025	1/6/2026	2/18/2026	3/31/2026	5/22/2025
Constituent	Unit									
		Field Parameters								
Temperature	°C	24.2	24.9	23.4	25.3	23.2	24.3	22.5	25.3	24.2
Conductivity	µS/cm	1,740	1,748	1,731	1,784	1,453	1,678	1,769	1,734	1,740
ORP	mV	173.9	-46.3	-77.1	270.1	47.3	99.2	265.1	349.1	173.9
D.O.	mg/L	0.08	0.28	0.83	0.21	0.15	0.32	0.86	0.45	0.08
Turbidity	NTU	28.3	9.86	6.35	6.06	0.02	0.67	4.22	8.78	28.3
pH, Field	SU	4.82	4.34	4.16	4.11	3.81	4.40	4.27	3.86	4.82
		Additional Chemistry Evaluation								
Aluminum	mg/L	2.44	2.83	3.81	4.28	4.61	4.97	4.83	4.78	2.18
Iron	mg/L	14.0	12.5	16.3	14.1	12.7	13.8	9.86	11.4	11.5
Magnesium	mg/L	21.3	22.1	22.3	22.5	22.2	26.7	20.7	22.9	19.4
Potassium	mg/L	20.3	21.6	21.7	20.6	20.6	24.5	21.0	22.7	18.5
Sodium	mg/L	170	184	200	182	180	223	185	189	166
Alkalinity	mg/L	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	--
		Appendix III								
Boron	mg/L	3.40	3.49	3.62	3.43	3.69	4.27	3.31	3.40	3.18
Calcium	mg/L	125	131	158	130	131	159	116	134	115
Chloride	mg/L	119	125	126	146	147	132	137	121	--
Fluoride[1]	mg/L	0.347 J	0.386 J	<1.00	0.387 J	0.560	0.271 J	0.415 J	0.248 J	--
pH, Laboratory	SU	4.7	3.5	4.0	4.0	4.1	4.4	3.6	4.0	--
Sulfate	mg/L	686	649	733	770	722	706	772	677	--
Total Dissolved Solids	mg/L	1,420	1,400	1,200	1,210	1,170	1,240	1,460	1,480	--
		Appendix IV								
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	0.0147 J
Arsenic	mg/L	0.00976	0.00779	0.0101	0.0102	0.00928	0.0110	0.00900	0.0106	0.00940 J
Barium	mg/L	0.0203	0.0160	0.0183	0.0178	0.0170	0.0178	0.0157	0.0173	0.0167
Beryllium	mg/L	0.0107	0.0116	0.0160	0.0164	0.0148	0.0152	0.0154	0.0140	0.00903
Cadmium	mg/L	0.000287 J	<0.000240	0.000330 J	0.000323 J	0.000436 J	0.000484 J	0.000412 J	0.000565 J	0.00110 J
Chromium	mg/L	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.00216
Cobalt	mg/L	0.0457	0.0355	0.0444	0.0407	0.0392	0.0404	0.0368	0.0393	0.0409
Lead	mg/L	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.00368
Lithium	mg/L	0.171	0.188	0.153	0.155	0.148	0.179 J	0.170	0.153	0.0616
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.00260
Radium-226/228	pCi/L	1.55	1.07	0.757 U	2.09	1.33	0.895	0.840	0.818	--
Selenium	mg/L	0.00534	<0.000590	<0.000590	<0.000590	0.00506	<0.000590	<0.000590	0.00965	<0.00927
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	0.000420 J	0.000523 J	0.000510 J	0.000553 J	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		AP MW-5							
Screen Interval Elevation (feet AMSL):		235.7 - 240.7							
Sample Date:		5/20/2025	NS	NS	NS	11/11/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.3	--	--	--	22.4	--	--	--
Conductivity	µS/cm	6,055	--	--	--	5,550	--	--	--
ORP	mV	355.4	--	--	--	337.4	--	--	--
D.O.	mg/L	0.08	--	--	--	0.68	--	--	--
Turbidity	NTU	3.42	--	--	--	0.02	--	--	--
pH, Field	SU	3.41	--	--	--	3.76	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	53.9	--	--	--	51.0	--	--	--
Iron	mg/L	2.87	--	--	--	3.39	--	--	--
Magnesium	mg/L	124	--	--	--	132	--	--	--
Potassium	mg/L	50.5	--	--	--	50.8	--	--	--
Sodium	mg/L	790	--	--	--	750	--	--	--
Alkalinity	mg/L	<4.00	--	--	--	<4.00	--	--	--
		Appendix III							
Boron	mg/L	3.06	--	--	--	3.26	--	--	--
Calcium	mg/L	555	--	--	--	481	--	--	--
Chloride	mg/L	609	--	--	--	598	--	--	--
Fluoride[1]	mg/L	3.24	--	--	--	3.49	--	--	--
pH, Laboratory	SU	3.5	--	--	--	3.4	--	--	--
Sulfate	mg/L	2,930	--	--	--	3,340	--	--	--
Total Dissolved Solids	mg/L	4,840	--	--	--	4,570	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.0155	--	--	--	0.0169	--	--	--
Barium	mg/L	0.00861	--	--	--	0.00589	--	--	--
Beryllium	mg/L	0.108	--	--	--	0.0982	--	--	--
Cadmium	mg/L	0.00883	--	--	--	0.00773	--	--	--
Chromium	mg/L	0.000612 J	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	0.160	--	--	--	0.149	--	--	--
Lead	mg/L	0.00163 J	--	--	--	0.00159 J	--	--	--
Lithium	mg/L	0.629	--	--	--	0.599	--	--	--
Mercury	mg/L	0.00113	--	--	--	0.000807	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	1.90	--	--	--	3.16	--	--	--
Selenium	mg/L	0.152	--	--	--	<0.000590	--	--	--
Thallium	mg/L	0.00259	--	--	--	0.00270	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater									
Sample Location:		AP MW-7S								AP MW-7S (Dissolved)	
Screen Interval Elevation (feet AMSL):		241.7 - 251.7								241.7 - 251.7	
Sample Date:		6/2/2025	7/18/2025	8/25/2025	10/14/2025	11/18/2025	1/6/2026	2/18/2026	3/31/2026	6/2/2025	8/25/2025
Constituent	Unit										
		Field Parameters									
Temperature	°C	25.5	25.1	26.7	21.6	22.6	22.0	20.6	21.3	25.5	26.7
Conductivity	µS/cm	5,781	5,770	5,866	5,851	4,763	5,949	117.4	6,083	5,781	5,866
ORP	mV	92.1	187.4	239.4	251.4	94.5	-11.2	119.2	72.3	92.1	239.4
D.O.	mg/L	0.53	1.03	0.37	0.22	0.21	1.30	1.60	0.74	0.53	0.37
Turbidity	NTU	15.1	3.74	15.1	2.03	0.02	8.15	6.67	5.74	15.1	15.1
pH, Field	SU	5.69	5.30	4.82	4.78	4.65	4.75	4.61	4.88	5.69	4.82
		Additional Chemistry Evaluation									
Aluminum	mg/L	0.699	2.13	4.66	5.28	6.23	7.00	8.86	7.04	0.963	3.66
Iron	mg/L	7.89	14.9	11.4	9.07	15.4	17.3	20.0	15.8	9.87	8.76
Magnesium	mg/L	150	147	146	141	157	190	151	154	158	132
Potassium	mg/L	61.7	59.1	54.3	52.2	57.6	66.0	57.2	59.1	66.0	49.9
Sodium	mg/L	755	700	700	690	785	945	770	835	790	725
Alkalinity	mg/L	67.3	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	--	--
		Appendix III									
Boron	mg/L	1.28	1.41	1.30	1.23	1.35	1.63	1.33	1.38	1.36	1.16
Calcium	mg/L	550	484	498	491	466	600	433	590	540	496
Chloride	mg/L	367	347	350	367	369	369	395	385	--	--
Fluoride[1]	mg/L	1.15 J	1.07 J	1.01 J	2.35	2.76	2.70	2.52	2.84	--	--
pH, Laboratory	SU	5.7	4.5	4.1	3.9	4.7	6.9	3.9	4.2	--	--
Sulfate	mg/L	3,110	3,190	3,300	3,240	3,570	3,170	3,670	3,630	--	--
Total Dissolved Solids	mg/L	105,000	3,820	4,710	4,680	4,560	5,120	4,990	5,160	--	--
		Appendix IV									
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.00803	<0.00803
Arsenic	mg/L	0.00612	0.00898	0.0137 J	0.0126	0.0150	0.0165	0.0178	0.0146	0.0234	0.0266
Barium	mg/L	0.0359	0.0269	0.0285	0.0275	0.0190	0.0252	0.0148	0.0234	0.0367	0.0235
Beryllium	mg/L	0.0431	0.0574	0.0812	0.0844	0.0909	0.0968	0.112	0.129	0.0411	0.0707
Cadmium	mg/L	<0.000240	<0.000240	<0.00120	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000831	<0.000831
Chromium	mg/L	<0.000560	0.000657 J	<0.00280	0.000654 J	<0.000560	0.00385 J	0.000701 J	0.000863 J	<0.00216	<0.00216
Cobalt	mg/L	0.0285	0.0288	0.0534	0.0544	0.0515	0.0407	0.0341	0.0394	0.0322	0.0340
Lead	mg/L	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.00368	<0.00368
Lithium	mg/L	1.07	0.964	0.924	0.973	1.02	1.28	1.16	1.07	1.12	0.916
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00167 J	0.000763 J	<0.00128	0.000341 J	0.000290 J	0.000349 J	0.000333 J	0.000574 J	<0.00260	<0.00260
Radium-226/228	pCi/L	2.67	3.54	4.70	3.01	3.49	2.94	3.67	3.18	--	--
Selenium	mg/L	0.0528	<0.000590	<0.00295	<0.000590	0.0716	<0.000590	<0.000590	0.129	<0.00927	<0.00927
Thallium	mg/L	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		AP PZ-1							
Screen Interval Elevation (feet AMSL):		236.7 - 241.7							
Sample Date:		5/22/2025	7/21/2025	8/26/2025	10/14/2025	11/18/2025	1/6/2026	2/16/2026	3/31/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.7	25.1	25.7	21.5	24.4	22.8	20.1	22.8
Conductivity	µS/cm	9,008	9,500	9,403	9,450	8,458	9,041	9,453	9,483
ORP	mV	248.1	-82.3	-61.2	47.8	-7.4	64.0	152.1	158.8
D.O.	mg/L	0.19	0.30	0.42	0.38	0.13	0.36	1.73	1.72
Turbidity	NTU	5.45	3.02	2.15	2.11	7.55	2.85	3.58	5.55
pH, Field	SU	4.97	4.78	4.65	4.76	4.73	4.82	4.69	4.78
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.251	0.297	0.306	0.280	0.253	0.311	0.311	0.279
Iron	mg/L	0.0927	1.95	1.74	1.21	1.12	1.96	0.884	0.263
Magnesium	mg/L	172	172	196	176	168	223	178	176
Potassium	mg/L	58.4	60.1	58.6	60.7	55.2	66.5	53.5	60.2
Sodium	mg/L	1,010	985	1,260	1,050	970	1,270	993	1,100
Alkalinity	mg/L	7.38	5.94	5.21	6.47	7.01	<4.00	7.44	10.9
		Appendix III							
Boron	mg/L	0.338	0.329	0.318	0.329	0.302	0.400	0.313	0.321
Calcium	mg/L	895	905	1,040	985	880	1,160	925	1,090
Chloride	mg/L	2,380	2,300	2,500	2,610	2,710	2,600	2,660	2,500
Fluoride[1]	mg/L	<1.00	<0.500	<1.00	0.193 J	0.169 J	<0.100	<0.100	<0.100
pH, Laboratory	SU	5.0	4.7	4.8	4.8	4.8	5.3	4.8	4.8
Sulfate	mg/L	1,760	1,760	1,940	1,980	1,900	1,840	1,990	1,700
Total Dissolved Solids	mg/L	5,710	6,840	5,690	5,910	5,680	6,270	7,090	6,720
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.000750	0.000897 J	<0.000750	<0.000750	<0.00150	<0.000750
Arsenic	mg/L	0.00599	0.00823	0.00751	0.00638	0.00622	0.00664	0.00453	0.00565
Barium	mg/L	0.0323	0.0231	0.0275	0.0278	0.0249	0.0291	0.0211	0.0289
Beryllium	mg/L	0.00546	0.00546	0.00588	0.00528	0.00486	0.00559	0.00577	0.00619 J
Cadmium	mg/L	0.0144	0.00653	0.00643	0.00460	0.00348	0.00446	0.00666	0.0381
Chromium	mg/L	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	0.000568 J	<0.000560	0.000622 J
Cobalt	mg/L	0.0403	0.0537	0.0515	0.0461	0.0459	0.0497	0.0357	0.0353
Lead	mg/L	<0.000367	<0.00184	0.000566 J	0.000668 J	0.000569 J	0.000444 J	0.000674	<0.00184
Lithium	mg/L	0.811	3.69	0.669	0.787	0.744	0.960	1.08	0.868
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000589 J	0.000522 J	0.000377 J	0.000470 J	0.000477 J	0.000311 J	0.000300 J	0.000352 J
Radium-226/228	pCi/L	10.8	11.6	10.3	11.9	11.1	11.4	10.5	9.56
Selenium	mg/L	0.00660	<0.000590	<0.000590	<0.000590	0.00348	<0.000590	<0.000590	0.00622
Thallium	mg/L	0.00203	<0.00208	0.00180 J	0.00181 J	0.00192 J	0.00200	0.00216	<0.00208

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		AP PZ-4S							
Screen Interval Elevation (feet AMSL):		236.0 - 246.0							
Sample Date:		6/3/2025	7/18/2025	8/25/2025	10/13/2025	11/17/2025	1/7/2026	2/18/2026	3/31/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	26.4	26.1	23.3	27.1	23.8	20.9	21.3	25.4
Conductivity	µS/cm	10,356	10,373	10,439	10,488	8,533	10,114	10,356	10,243
ORP	mV	-69.6	-13.5	-67.2	50.1	-157.8	9.9	12.1	-62.7
D.O.	mg/L	0.25	0.47	6.30	0.59	0.42	0.40	0.42	0.41
Turbidity	NTU	7.61	3.24	2.14	5.13	0.02	3.10	5.18	8.77
pH, Field	SU	6.64	6.42	6.64	6.53	6.37	6.54	6.29	6.32
		Additional Chemistry Evaluation							
Aluminum	mg/L	<0.00549	<0.00549	0.378	<0.00549	<0.00549	<0.0275	<0.00549	0.00707 J
Iron	mg/L	0.412	0.757	1.09	0.514	0.695	1.01	1.14	0.576
Magnesium	mg/L	152	148	160	152	147	171	152	151
Potassium	mg/L	102	106	103	98.1	96.3	101	99.0	102
Sodium	mg/L	1,240	1,150	1,320	1,420	1,250	1,350	1,370	1,360
Alkalinity	mg/L	194	196	207	184	189	197	189	183
		Appendix III							
Boron	mg/L	1.09	1.09	1.08	1.05	1.01	1.15	1.03	1.07
Calcium	mg/L	875	785	880	755	890	940	725	995
Chloride	mg/L	2,940	2,910	2,970	3,060	2,390	3,170	335	3,140
Fluoride[1]	mg/L	0.517 J	<1.00	<0.500	0.108 J	<1.00	<1.00	<0.100	<1.00
pH, Laboratory	SU	6.6	6.5	6.7	6.4	6.6	6.6	6.4	6.5
Sulfate	mg/L	1,170	1,150	1,300	1,290	950	1,320	141	1,260
Total Dissolved Solids	mg/L	5,820	5,690	7,970	5,990	6,590	8,410	7,090	7,140
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.000750	<0.000750	<0.00375	<0.00549	<0.000750
Arsenic	mg/L	0.00723	0.0117	0.00986 J	0.00560	0.00665	0.00952 J	0.00684	0.00399 J
Barium	mg/L	0.0858	0.0801	0.0868	0.0656	0.0539	0.0605	0.0412	0.0660
Beryllium	mg/L	<0.000271	<0.000271	<0.00136	<0.000271	<0.000271	<0.00136	<0.000271	<0.000271
Cadmium	mg/L	<0.000240	<0.000240	<0.00120	<0.000240	<0.000240	<0.00120	<0.00240	<0.000240
Chromium	mg/L	0.00305 J	0.00491	0.00375 J	0.000941 J	0.00132 J	<0.00280	0.00185 J	<0.000560
Cobalt	mg/L	0.00631	0.00723	0.0149	0.00693	0.00593	0.00775 J	0.00608	0.00644
Lead	mg/L	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367
Lithium	mg/L	1.05	0.712	0.557	1.02	0.811	1.08	1.27	1.09
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00356	0.00322	0.00289 J	0.00212	0.00186 J	0.00209 J	0.00154 J	0.00205
Radium-226/228	pCi/L	5.08	4.44	5.34	5.45	4.75	4.61	5.55	4.92
Selenium	mg/L	0.00129 J	<0.000590	<0.00295	<0.000590	<0.000590	<0.00295	<0.00590	<0.000590
Thallium	mg/L	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Shallow Groundwater							
Sample Location:		SSP / AP MW-1							
Screen Interval Elevation (feet AMSL):		229.8 - 239.8							
Sample Date:		5/21/2025	NS	NS	NS	11/12/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	22.6	--	--	--	23.9	--	--	--
Conductivity	µS/cm	8,806	--	--	--	8,719	--	--	--
ORP	mV	62.9	--	--	--	38.3	--	--	--
D.O.	mg/L	1.10	--	--	--	1.29	--	--	--
Turbidity	NTU	2.32	--	--	--	2.95	--	--	--
pH, Field	SU	5.79	--	--	--	5.59	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0179 J	--	--	--	0.00697 J	--	--	--
Iron	mg/L	3.33	--	--	--	3.61	--	--	--
Magnesium	mg/L	208	--	--	--	258	--	--	--
Potassium	mg/L	60.3	--	--	--	69.1	--	--	--
Sodium	mg/L	1,170	--	--	--	1,500	--	--	--
Alkalinity	mg/L	67.9	--	--	--	68.8	--	--	--
		Appendix III							
Boron	mg/L	0.736	--	--	--	0.845	--	--	--
Calcium	mg/L	515	--	--	--	670	--	--	--
Chloride	mg/L	1,530	--	--	--	1,740	--	--	--
Fluoride[1]	mg/L	<0.500	--	--	--	0.165 J	--	--	--
pH, Laboratory	SU	5.8	--	--	--	5.7	--	--	--
Sulfate	mg/L	3,610	--	--	--	3,770	--	--	--
Total Dissolved Solids	mg/L	6,360	--	--	--	8,190	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	0.00139 J	--	--	--	0.00121 J	--	--	--
Barium	mg/L	0.0216	--	--	--	0.0201	--	--	--
Beryllium	mg/L	0.000623 J	--	--	--	0.000716 J	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	<0.000240	--	--	--
Chromium	mg/L	<0.000560	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	<0.000355	--	--	--
Lead	mg/L	<0.000367	--	--	--	<0.000367	--	--	--
Lithium	mg/L	1.48	--	--	--	1.65	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	0.000278 J	--	--	--	0.000269 J	--	--	--
Radium-226/228	pCi/L	1.25	--	--	--	2.81	--	--	--
Selenium	mg/L	0.000990 J	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.000415	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater													
Sample Location:		SSP MW-2D								SSP MW-2D (Dissolved)					
Screen Interval Elevation (feet AMSL):		220.0 - 230.0								220.0 - 230.0					
Sample Date:		6/2/2025	7/17/2025	8/26/2025	10/13/2025	11/17/2025	1/7/2026	2/19/2026	4/1/2026	6/2/2025	7/17/2025	8/26/2025	1/7/2026	2/19/2026	4/1/2026
Constituent	Unit														
		Field Parameters													
Temperature	°C	25.5	26.8	23.9	25.8	23.0	20.4	24.7	26.3	25.5	26.8	23.9	20.4	24.7	26.3
Conductivity	µS/cm	10,166	10,100	10,131	10,248	9,023	10,024	10,108	10,425	10,166	10,100	10,131	10,024	10,108	10,425
ORP	mV	-245.6	-179.9	-200.7	-75.8	-237.3	-80.3	-235.8	-217.7	-245.6	-179.9	-200.7	-80.3	-235.8	-217.7
D.O.	mg/L	0.11	0.47	0.17	0.43	0.12	4.49	0.21	0.25	0.11	0.47	0.17	4.49	0.21	0.25
Turbidity	NTU	74.9	79.4	50.1	8.53	6.25	146	83.8	33.1	74.9	79.4	50.1	146	83.8	33.1
pH, Field	SU	6.07	6.02	5.77	5.85	5.80	6.37	5.75	5.67	6.07	6.02	5.77	6.37	5.75	5.67
		Additional Chemistry Evaluation													
Aluminum	mg/L	1.42	0.967	0.675	0.0713 J	0.147	4.46	1.33	0.228	<0.0352	0.926	<0.0352	<0.0352	<0.0352	<0.0352
Iron	mg/L	2.46	2.38	1.81	1.24	1.05	4.71	2.12	1.16	1.90	2.33	1.56	1.09	1.04	1.06
Magnesium	mg/L	131	117	145	138	143	170	143	146	147	126	160	151	148	150
Potassium	mg/L	60.6	55.7	61.1	58.5	63.6	71.5	64.2	57.0	71.2	61.0	65.1	66.7	64.6	67.9
Sodium	mg/L	1,060	1,000	1,450	1,180	1,270	1,510	1,380	1,290	1,360	1,080	1,440	1,230	1,080	1,260
Alkalinity	mg/L	91.5	78.7	80.2	70.4	78.6	105	76.9	76.7	--	--	--	--	--	--
		Appendix III													
Boron	mg/L	0.503	0.454	0.499	0.493	0.524	0.630	0.513	0.538	0.568	0.489	0.551	0.550	0.543	0.558
Calcium	mg/L	755	690	895	875	900	1,050	768	894	945	735	995	845	875	880
Chloride	mg/L	2,480	2,560	2,540	2,630	2,710	2,700	2,870	2,760	--	--	--	--	--	--
Fluoride[1]	mg/L	<0.500	<1.00	<1.00	<0.100	<1.00	<1.00	<1.00	<0.100	--	--	--	--	--	--
pH, Laboratory	SU	5.8	5.6	5.7	5.7	5.7	6.3	5.7	5.8	--	--	--	--	--	--
Sulfate	mg/L	2,030	2,090	2,220	2,210	2,150	2,160	2,380	2,230	--	--	--	--	--	--
Total Dissolved Solids	mg/L	6,690	6,380	6,430	7,400	6,000	7,600	7,360	6,790	--	--	--	--	--	--
		Appendix IV													
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.00375	<0.000750	<0.00375	<0.000750	<0.000750	<0.00803	<0.00803	<0.00803	0.0162 J	0.0498	<0.00803
Arsenic	mg/L	0.00245 J	0.00205 J	0.00173 J	<0.00345	0.000775 J	0.0212	0.00750	0.00137 J	<0.00650	<0.00650	<0.00650	0.0212	<0.00650	<0.00650
Barium	mg/L	0.0418	0.0314	0.0293	0.0235	0.0178	0.0922	0.0321	0.0212	0.0316	0.0297	0.0233	0.0329	0.0209	0.0186
Beryllium	mg/L	0.000366 J	0.000443 J	0.000420 J	<0.00136	0.000287 J	<0.00136	0.000635 J	0.000425 J	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107	<0.00107
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.00120	<0.000240	<0.00120	<0.00240	<0.000240	<0.000831	<0.000831	0.00523	<0.000831	<0.000831	<0.000831
Chromium	mg/L	0.00148 J	0.000992 J	0.000968 J	<0.00280	0.000619 J	0.00540 J	0.00167 J	<0.000560	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	0.00131 J	0.000941 J	0.000554 J	<0.00178	<0.000355	0.0101	0.00210	<0.000355	<0.00123	<0.00123	<0.00123	0.00143 J	0.00160 J	<0.00123
Lead	mg/L	0.00134 J	0.000987 J	0.000647 J	<0.00184	<0.000367	0.00463 J	0.00195 J	<0.000367	<0.00368	<0.00368	0.00397 J	0.00566 J	<0.00368	<0.00368
Lithium	mg/L	0.663	0.349	0.534	0.521	0.680	0.845	0.925	1.01	0.697	0.252	0.232	0.0629	0.915	0.985
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000333 J	0.000369 J	<0.000255	<0.00128	<0.000255	0.00338 J	<0.00255	<0.000255	<0.00260	<0.00260	<0.00260	<0.00260	0.00719 J	<0.00260
Radium-226/228	pCi/L	3.67	2.42	3.35	2.22	2.02	3.72	3.89	2.31	--	--	--	--	--	--
Selenium	mg/L	0.00199 J	<0.000590	<0.000590	<0.00295	<0.000590	<0.00295	<0.00590	<0.000590	<0.00927	<0.00927	<0.00927	<0.00927	<0.00927	<0.00927
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.00208	<0.000415	<0.00208	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110	<0.0110	0.0126 J	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater							
Sample Location:		SSP MW-3D							
Screen Interval Elevation (feet AMSL):		224.6 - 229.6							
Sample Date:		6/3/2025	7/18/2025	8/26/2025	10/13/2025	11/17/2025	1/7/2026	2/19/2026	4/1/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	24.9	23.7	24.4	28.3	24.0	21.6	22.1	23.1
Conductivity	µS/cm	7,444	7,450	7,543	7,572	6,612	7,411	7,409	7,647
ORP	mV	102.6	-39.1	42.1	145.8	189.4	-111.3	-170.8	-152.6
D.O.	mg/L	0.78	1.06	0.17	0.79	2.79	0.42	0.25	0.15
Turbidity	NTU	9.97	6.19	7.79	9.6	9.16	10.0	6.97	8.09
pH, Field	SU	4.91	4.99	4.71	4.74	4.76	4.71	4.57	4.61
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.827	1.25	0.619	0.877	0.615	1.07	0.606	0.685
Iron	mg/L	3.86	4.55	3.17	3.48	1.98	2.23	1.55	1.68
Magnesium	mg/L	125	115	146	140	131	151	133	136
Potassium	mg/L	55.4	51.8	64.6	57.4	56.6	59.0	57.2	52.2
Sodium	mg/L	865	740	1,140	980	1,220	1,010	1,090	898
Alkalinity	mg/L	23.5	13.9	8.24	13.3	13.9	12.4	13.0	8.6
		Appendix III							
Boron	mg/L	3.46	3.14	3.96	3.54	3.31	3.95	3.57	3.56
Calcium	mg/L	605	535	725	765	587	725	855	650
Chloride	mg/L	1,410	1,400	1,420	1,500	1,490	1,540	1,580	1,490
Fluoride[1]	mg/L	0.641 J	<0.500	<0.500	0.216 J	0.217 J	<0.100	0.164 J	<0.100
pH, Laboratory	SU	5.0	4.6	4.8	5.0	4.7	4.9	4.6	4.8
Sulfate	mg/L	2,250	2,300	2,430	2,490	2,400	2,400	2,680	2,390
Total Dissolved Solids	mg/L	6,240	5,620	5,640	5,730	5,010	5,740	5,440	5,210
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.00375	<0.000750	<0.000750	<0.000750	<0.000750
Arsenic	mg/L	0.00874	0.00887	0.00731	0.00894 J	0.00589	0.00546	0.00436	0.00421
Barium	mg/L	0.0369	0.0309	0.0246	0.0271	0.0200	0.0264	0.0198	0.0205
Beryllium	mg/L	0.00952	0.00907	0.00918	0.00943 J	0.00655	0.00902	0.00933	0.0101
Cadmium	mg/L	0.000854 J	0.00143 J	0.00230	0.00374 J	0.00331	0.00446	0.00538	0.00617
Chromium	mg/L	0.00179 J	0.00161 J	0.00109 J	<0.00280	0.00149 J	0.00157 J	0.000995 J	0.00150 J
Cobalt	mg/L	0.161	0.158	0.162	0.186	0.142	0.162	0.151	0.175
Lead	mg/L	0.000649 J	0.000900 J	<0.000367	0.000511 J	0.000474 J	0.000736 J	0.000492 J	0.000480 J
Lithium	mg/L	0.549	0.366	0.244	0.462	0.540	0.615	0.704	0.750
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.000342 J	0.000369 J	<0.000255	<0.00128	0.000357 J	0.000272 J	<0.000255	0.000278 J
Radium-226/228	pCi/L	6.44	6.58	3.37	4.67	6.12	6.44	6.61	7.02
Selenium	mg/L	0.00826	<0.000590	<0.000590	<0.00295	<0.000590	<0.000590	<0.000590	<0.000590
Thallium	mg/L	0.000881 J	0.000877 J	0.00103 J	0.00128 J	0.00112 J	0.00127 J	0.00124 J	0.00123 J

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater							
Sample Location:		SSP MW-4							
Screen Interval Elevation (feet AMSL):		232.9 - 237.9							
Sample Date:		5/21/2025	NS	NS	NS	11/13/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	26.4	--	--	--	27.9	--	--	--
Conductivity	µS/cm	5,559	--	--	--	5,435	--	--	--
ORP	mV	119.1	--	--	--	18.1	--	--	--
D.O.	mg/L	2.75	--	--	--	0.91	--	--	--
Turbidity	NTU	1.15	--	--	--	8.07	--	--	--
pH, Field	SU	6.15	--	--	--	6.08	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0583	--	--	--	0.0174 J	--	--	--
Iron	mg/L	0.463	--	--	--	0.746	--	--	--
Magnesium	mg/L	77.6	--	--	--	86.6	--	--	--
Potassium	mg/L	60.1	--	--	--	63.8	--	--	--
Sodium	mg/L	810	--	--	--	755	--	--	--
Alkalinity	mg/L	196	--	--	--	179	--	--	--
		Appendix III							
Boron	mg/L	1.27	--	--	--	1.37	--	--	--
Calcium	mg/L	449	--	--	--	445	--	--	--
Chloride	mg/L	1,160	--	--	--	1,270	--	--	--
Fluoride[1]	mg/L	<0.500	--	--	--	<0.100	--	--	--
pH, Laboratory	SU	6.2	--	--	--	6.2	--	--	--
Sulfate	mg/L	1,140	--	--	--	1,320	--	--	--
Total Dissolved Solids	mg/L	3,300	--	--	--	3,560	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	<0.000690	--	--	--
Barium	mg/L	0.0164	--	--	--	0.0171	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	<0.000271	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	<0.000240	--	--	--
Chromium	mg/L	0.00372 J	--	--	--	0.00198 J	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	<0.000355	--	--	--
Lead	mg/L	<0.000367	--	--	--	<0.00184	--	--	--
Lithium	mg/L	0.924	--	--	--	0.920	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	0.000427 J	--	--	--	0.000813 J	--	--	--
Radium-226/228	pCi/L	3.08	--	--	--	4.92	--	--	--
Selenium	mg/L	<0.000590	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.00208	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater											
Sample Location:		SSP MW-5D								SSP MW-5D (Dissolved)			
Screen Interval Elevation (feet AMSL):		221.0 - 231.0								221.0 - 231.0			
Sample Date:		6/3/2025	7/17/2025	8/28/2025	10/13/2025	11/17/2025	1/7/2026	2/19/2026	4/1/2026	6/3/2025	8/28/2025	11/17/2025	1/7/2026
Constituent	Unit												
		Field Parameters											
Temperature	°C	24.5	24.7	26.1	25.8	23.2	22.8	21.3	24.9	24.5	26.1	23.2	22.8
Conductivity	µS/cm	4,258	4,626	4,890	7,520	4,394	4,787	4,805	4,851	4,258	4,890	4,394	4,787
ORP	mV	-223.1	-195.7	-231.2	-207.2	-240.3	-219.9	-208.3	-193.4	-223.1	-231.2	-240.3	-219.9
D.O.	mg/L	0.27	0.36	0.30	0.22	0.44	0.93	0.38	0.25	0.27	0.30	0.44	0.93
Turbidity	NTU	37.9	5.91	73.8	8.91	17.2	13.0	9.15	4.89	37.9	73.8	17.2	13.0
pH, Field	SU	6.82	6.93	6.78	6.82	6.86	6.85	6.78	6.77	6.82	6.78	6.86	6.85
		Additional Chemistry Evaluation											
Aluminum	mg/L	1.15	0.564	1.24	0.0650	<0.00549	0.423	0.126	0.00825 J	<0.0352	1.76	<0.0352	0.338
Iron	mg/L	1.52	0.96	1.20	0.489	0.344	0.605	0.506	0.426	0.803	1.32	0.358	0.596
Magnesium	mg/L	32.6	30.0	26.3	34.6	35.7	41.5	37.7	34.0	35.5	27.1	33.3	36.7
Potassium	mg/L	27.2	25.2	21.0	28.0	29.1	31.1	30.0	24.8	30.8	21.7	27.4	29.9
Sodium	mg/L	660	565	570	770	795	810	845	676	755	540	740	890
Alkalinity	mg/L	304	306	304	300	303	295	306	567	--	--	--	--
		Appendix III											
Boron	mg/L	0.527	0.482	0.412	0.535	0.571	0.635	0.598	0.504	0.560	0.421	0.522	0.577
Calcium	mg/L	210	186	190	219	228	271	236	222	249	179	211	234
Chloride	mg/L	1,260	1,300	1,310	1,360	1,280	1,390	1,490	1,410	--	--	--	--
Fluoride[1]	mg/L	0.542 J	<0.500	<0.500	0.147 J	<0.100	<0.100	<0.100	<0.100	--	--	--	--
pH, Laboratory	SU	6.8	6.7	6.8	6.8	6.7	6.8	6.8	6.7	--	--	--	--
Sulfate	mg/L	232	216	237	226	225	222	236	220	--	--	--	--
Total Dissolved Solids	mg/L	2,750	2,760	3,620	2,570	2,910	3,640	3,540	2,720	--	--	--	--
		Appendix IV											
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.00375	<0.000750	<0.000750	<0.00803	0.0294	<0.00803	0.0336
Arsenic	mg/L	0.00122 J	0.000837 J	0.00100 J	<0.000690	<0.000690	<0.00345	<0.000690	<0.000690	<0.00650	<0.00650	<0.00650	<0.00650
Barium	mg/L	0.0489	0.0452	0.0483	0.0470	0.0400	0.0443	0.0429	0.0421	0.0442	0.0440	0.0408	0.0470
Beryllium	mg/L	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.00136	<0.000271	<0.000271	<0.00107	<0.00107	<0.00107	<0.00107
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.00120	<0.000240	<0.000240	<0.000831	0.00199 J	<0.000831	<0.000831
Chromium	mg/L	0.00112 J	<0.000560	0.000999 J	<0.000560	<0.000560	<0.00280	0.000803 J	<0.000560	<0.00216	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	0.000581 J	<0.000355	0.000505 J	<0.000355	0.000585 J	<0.00178	<0.000355	<0.000355	0.00287 J	<0.00123	<0.00123	<0.00123
Lead	mg/L	0.00101 J	0.000390 J	0.00128 J	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367	<0.00368	<0.00368	<0.00368	0.00607 J
Lithium	mg/L	0.313	0.288	0.182	0.282	0.295	0.404	0.418	0.509	0.337	0.186	0.267	0.297
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00126 J	0.000743 J	0.000505 J	0.000323 J	0.000394 J	<0.00128	0.000419 J	0.000329 J	<0.00260	<0.00260	<0.00260	<0.00260
Radium-226/228	pCi/L	3.09	2.73	0.806 U	2.59	1.86	3.12	3.56	1.44	--	--	--	--
Selenium	mg/L	0.00101 J	<0.000590	<0.000590	<0.000590	<0.000590	<0.00295	<0.000590	<0.000590	<0.00927	<0.00927	0.0196 J	0.0104 J
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater							
Sample Location:		SSP MW-6D							
Screen Interval Elevation (feet AMSL):		218.3 - 228.3							
Sample Date:		6/3/2025	7/17/2025	8/25/2025	10/13/2025	11/17/2025	1/8/2026	2/19/2026	4/1/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	26.2	27.4	24.1	23.1	24.3	22.3	24.1	26.4
Conductivity	µS/cm	6,351	6,338	6,333	6,460	5,196	6,199	6,345	6,227
ORP	mV	-122.9	-41.0	-112.6	-12.0	-272.2	-55.3	-64.9	-134.6
D.O.	mg/L	0.39	0.65	0.40	0.51	0.18	0.29	0.38	0.45
Turbidity	NTU	9.79	0.40	2.24	3.24	0.02	2.24	4.61	2.99
pH, Field	SU	6.59	6.40	6.31	6.41	6.35	6.41	6.28	6.35
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0469	<0.00549	0.0153 J	<0.0275	0.0308	0.0298 J	0.0294	0.0284
Iron	mg/L	1.83	1.62	1.78	1.62	0.889	0.727	0.498	0.436
Magnesium	mg/L	70.2	63.0	68.8	73.2	67.6	74.0	61.8	63.8
Potassium	mg/L	48.1	44.2	45.4	44.9	44.4	44.3	40.3	37.7
Sodium	mg/L	900	825	1,070	965	955	995	975	878
Alkalinity	mg/L	267	269	272	255	252	247	257	254
		Appendix III							
Boron	mg/L	0.531	0.506	0.528	0.523	0.505	0.545	0.484	0.461 J
Calcium	mg/L	404	358	462	455	383	436	347	380
Chloride	mg/L	1,400	1,400	1,390	1,470	1,260	1,580	1,650	1,520
Fluoride[1]	mg/L	0.507 J	<0.500	<0.500	0.115 J	<0.100	<0.100	<0.100	<0.100
pH, Laboratory	SU	6.5	6.5	6.6	6.4	6.5	6.3	6.4	6.5
Sulfate	mg/L	1,090	1,050	1,140	1,170	921	1,250	1,220	1,090
Total Dissolved Solids	mg/L	4,150	3,840	4,160	4,050	3,820	4,920	4,700	3,910
		Appendix IV							
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.00375	<0.000750	<0.00375	<0.000750	<0.000750
Arsenic	mg/L	0.00156 J	0.000814 J	<0.000690	<0.00345	<0.000690	<0.00345	<0.000690	<0.000690
Barium	mg/L	0.0446	0.0415	0.0448	0.0383	0.0295	0.0324	0.0300	0.0296
Beryllium	mg/L	<0.000271	<0.000271	<0.000271	<0.00136	<0.000271	<0.00136	<0.000271	<0.000271
Cadmium	mg/L	<0.000240	<0.000240	<0.000240	<0.00120	<0.000240	<0.00120	<0.000240	<0.000240
Chromium	mg/L	<0.000560	<0.000560	0.000568 J	<0.00280	<0.000560	<0.00280	0.000611 J	0.000756 J
Cobalt	mg/L	<0.000355	<0.000355	<0.000355	<0.00178	<0.000355	<0.00178	<0.000355	<0.000355
Lead	mg/L	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367
Lithium	mg/L	0.354	0.255	0.133	0.248	0.236	0.357	0.397	0.459
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	<0.000255	<0.000255	<0.000255	<0.00128	<0.000255	<0.00128	<0.000255	<0.000255
Radium-226/228	pCi/L	4.41	4.38	2.88	3.83	3.76	3.44	3.56	2.74
Selenium	mg/L	<0.000590	<0.000590	<0.000590	<0.00295	<0.000590	<0.00295	<0.000590	<0.000590
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater								
Sample Location:		AP MW-1D								
Screen Interval Elevation (feet AMSL):		229.5 - 234.5								
Sample Date:		5/20/2025	7/21/2025	8/26/2025	10/14/2025	11/11/2025	11/18/2025	1/6/2026	2/18/2026	3/31/2026
Constituent	Unit									
		Field Parameters								
Temperature	°C	23.7	24.7	24.5	24.7	22.8	23.1	23.7	22.6	25.5
Conductivity	µS/cm	1,215	1,283	1,287	1,299	1,257	1,162	1,232	1,258	1,245
ORP	mV	-23.4	-49.3	-61.4	48.0	176.0	49.5	71.7	232.8	41.6
D.O.	mg/L	0.20	0.48	0.71	0.42	0.18	0.12	0.32	0.35	0.21
Turbidity	NTU	3.60	0.02	0.77	1.13	0.02	0.02	0.61	0.45	1.01
pH, Field	SU	5.81	5.99	5.93	6.03	6.03	5.97	5.96	5.85	5.95
		Additional Chemistry Evaluation								
Aluminum	mg/L	0.00769 J	0.00876 J	0.00707 J	0.0139 J	0.00705 J	0.0115 J	0.00680 J	0.0158 J	0.0112 J
Iron	mg/L	0.00788 J	0.00834 J	0.00930 J	0.0106 J	0.00876 J	0.0105 J	0.00581 J	0.974	0.00964 J
Magnesium	mg/L	10.1	9.32	9.45	9.26	9.45	8.81	11.7	20.4	9.85
Potassium	mg/L	9.62	8.85	9.34	8.72	8.76	8.07	10.4	9.13	9.22
Sodium	mg/L	200	192	269	190	195	178	239	277	196
Alkalinity	mg/L	103	101	113	97.3	96.3	96.3	92.3	96.5	97.0
		Appendix III								
Boron	mg/L	4.63	4.38	4.37	4.12	4.26	3.85	5.20	4.05	4.49
Calcium	mg/L	55.5	50.9	52.3	51.8	53.7	48.8	65.0	101	54.9
Chloride	mg/L	789	78.1	76.3	80.1	80.6	81.2	79.4	86.8	77.2
Fluoride[1]	mg/L	7.53	1.00	<1.00	0.744	0.993	0.856	0.739	0.952	0.735
pH, Laboratory	SU	6.3	6.1	6.1	6.1	5.8	6.3	6.5	6.1	6.2
Sulfate	mg/L	3,980	373	402	384	385	370	354	400	333
Total Dissolved Solids	mg/L	837	615	1,010	807	1,110	812	865	854	895
		Appendix IV								
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750
Arsenic	mg/L	0.0118	0.0116	0.0115	0.0103	0.0112	0.0103	0.0106	0.00318 J	0.0114
Barium	mg/L	0.0110	0.0103	0.0113	0.0111	0.0102	0.0115	0.0109	0.0360	0.0108
Beryllium	mg/L	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	0.00396	<0.000271
Cadmium	mg/L	0.000264 J	<0.000240	0.000266 J	<0.000240	<0.000240	<0.000240	0.000271 J	<0.00240	<0.000240
Chromium	mg/L	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560	<0.000560
Cobalt	mg/L	0.00785	0.00681	0.00743	0.00674	0.00703	0.00797	0.00687	0.0725	0.00655
Lead	mg/L	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	0.000570 J	<0.000367
Lithium	mg/L	0.0484	0.119	0.0357 J	0.0197 J	0.0280 J	0.0254 J	<0.0868	0.0672	<0.0174
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.0361	0.0316	0.0340	0.0308	0.0319	0.0325	0.0326	0.00315	0.0331
Radium-226/228	pCi/L	1.03	0.810 U	0.652	1.29	1.34	1.17	0.913	0.737	0.890
Selenium	mg/L	0.00130 J	0.00141 J	0.00139 J	0.00108 J	0.00132 J	0.00140 J	0.00119 J	<0.00590	0.00163 J
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater										
Sample Location:		AP MW-3D								AP MW-3D (Dissolved)		
Screen Interval Elevation (feet AMSL):		215.8 - 225.8								215.8 - 225.8		
Sample Date:		6/2/2025	7/17/2025	8/28/2025	10/14/2025	11/18/2025	1/6/2026	2/18/2026	4/1/2026	6/2/2025	8/28/2025	4/1/2026
Constituent	Unit											
		Field Parameters										
Temperature	°C	27.7	29.8	25.3	27.5	24.7	24.0	22.2	26.3	27.7	25.3	26.3
Conductivity	µS/cm	2,283	2,320	2,316	2,250	2,086	2,284	2,237	2,251	2,283	2,316	2,251
ORP	mV	23.9	-30.0	-39.8	5.9	54.2	-207.0	-133.8	-66.4	23.9	-39.8	-66.4
D.O.	mg/L	0.43	0.29	0.14	0.19	0.36	0.34	0.27	0.39	0.43	0.14	0.39
Turbidity	NTU	28.6	4.10	18.6	9.42	6.38	9.20	8.96	20.0	28.6	18.6	20.0
pH, Field	SU	5.49	5.56	5.28	5.27	5.22	5.17	5.14	5.10	5.49	5.28	5.10
		Additional Chemistry Evaluation										
Aluminum	mg/L	1.50	2.46	0.575	0.0817	0.679	0.324	0.246	0.344	<0.0352	0.494	<0.0352
Iron	mg/L	2.39	4.47	2.93	3.38	2.30	2.19	1.68	2.06	2.07	3.26	1.83
Magnesium	mg/L	25.8	17.7	25.5	25.4	25.0	32.6	24.2	23.5	25.4	25.8	23.8
Potassium	mg/L	22.0	14.8	21.2	20.6	20.3	25.1	19.4	18.3	21.8	21.4	20.3
Sodium	mg/L	268	193	311	266	260	338	261	251	266	310	256
Alkalinity	mg/L	46.2	26.9	34.5	29.6	24.0	17.1	25.0	46.4	--	--	--
		Appendix III										
Boron	mg/L	1.56	1.11	1.60	1.53	1.50	1.96	1.50	1.42	1.56	1.62	1.46
Calcium	mg/L	197	134	228	192	192	255	184	184	211	226	182
Chloride	mg/L	235	232	230	233	250	236	242	220	--	--	--
Fluoride[1]	mg/L	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	--	--	--
pH, Laboratory	SU	5.6	5.4	5.4	5.4	5.7	5.4	5.2	5.5	--	--	--
Sulfate	mg/L	887	805	908	905	713	768	937	831	--	--	--
Total Dissolved Solids	mg/L	1,770	1,610	1,830	1,660	1,470	1,510	1,580	1,830	--	--	--
		Appendix IV										
Antimony	mg/L	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	0.0421	0.0122 J	<0.00803
Arsenic	mg/L	0.00711	0.00967	0.00831	0.0107	0.00667	0.00745	0.00547	0.00648	<0.00650	0.0123	<0.00650
Barium	mg/L	0.0417	0.0497	0.0337	0.0308	0.0321	0.0309	0.0210	0.0279	0.0384	0.0359	0.0270
Beryllium	mg/L	0.000889 J	0.00156 J	0.00123 J	0.00125 J	0.00131 J	0.00141 J	<0.000271	0.00139 J	<0.00107	0.00132 J	0.00114 J
Cadmium	mg/L	0.000398 J	0.000574 J	0.000392 J	0.000341 J	0.000472 J	0.000628 J	<0.00240	0.000725 J	<0.000831	0.00280 J	<0.000831
Chromium	mg/L	0.00136 J	0.00158 J	0.000892 J	0.000933 J	0.00100 J	0.00117 J	0.000809 J	0.00111 J	<0.00216	<0.00216	<0.00216
Cobalt	mg/L	0.0374	0.0335	0.0318	0.0322	0.0314	0.0328	0.0259	0.0345	0.0400	0.0362	0.0350
Lead	mg/L	0.00153 J	0.00357	0.000670 J	<0.000367	0.000833 J	0.000576 J	0.000477 J	0.000586 J	<0.00368	0.00374 J	<0.00368
Lithium	mg/L	0.160	0.114	0.0795	0.100	0.111	0.180 J	0.188 J	0.252 J	0.155	0.0803	0.134
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00111 J	0.00132 J	0.000861	0.00105 J	0.000866 J	0.000897 J	0.000673 J	0.000833 J	<0.00260	<0.00260	<0.00260
Radium-226/228	pCi/L	2.64	2.14	2.10	1.81	2.15	1.92	1.92	2.34	--	--	--
Selenium	mg/L	0.00316	0.00159 J	0.00150 J	0.000913 J	0.00169 J	0.00167 J	<0.00590	0.00177 J	<0.00927	<0.00927	<0.00927
Thallium	mg/L	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110	<0.0110	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater							
Sample Location:		AP MW-4							
Screen Interval Elevation (feet AMSL):		221.4 - 226.4							
Sample Date:		5/20/2025	NS	NS	NS	11/11/2025	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	23.2	--	--	--	21.9	--	--	--
Conductivity	µS/cm	4,857	--	--	--	4,425	--	--	--
ORP	mV	-39.4	--	--	--	24.8	--	--	--
D.O.	mg/L	0.08	--	--	--	0.16	--	--	--
Turbidity	NTU	1.48	--	--	--	1.51	--	--	--
pH, Field	SU	5.59	--	--	--	5.58	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0206	--	--	--	0.0158 J	--	--	--
Iron	mg/L	1.39	--	--	--	1.36	--	--	--
Magnesium	mg/L	112	--	--	--	116	--	--	--
Potassium	mg/L	54.9	--	--	--	53.9	--	--	--
Sodium	mg/L	530	--	--	--	530	--	--	--
Alkalinity	mg/L	66.1	--	--	--	67.6	--	--	--
		Appendix III							
Boron	mg/L	2.67	--	--	--	2.65	--	--	--
Calcium	mg/L	500	--	--	--	535	--	--	--
Chloride	mg/L	461	--	--	--	429	--	--	--
Fluoride[1]	mg/L	<0.500	--	--	--	<0.100	--	--	--
pH, Laboratory	SU	5.8	--	--	--	5.7	--	--	--
Sulfate	mg/L	2,090	--	--	--	2,490	--	--	--
Total Dissolved Solids	mg/L	4,000	--	--	--	3,640	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	<0.000750	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	<0.000690	--	--	--
Barium	mg/L	0.0182	--	--	--	0.0176	--	--	--
Beryllium	mg/L	0.000378 J	--	--	--	0.000334 J	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	<0.000240	--	--	--
Chromium	mg/L	<0.000560	--	--	--	<0.000560	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	<0.000355	--	--	--
Lead	mg/L	<0.000367	--	--	--	<0.000367	--	--	--
Lithium	mg/L	1.01	--	--	--	0.882	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	<0.0000706	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	<0.000255	--	--	--
Radium-226/228	pCi/L	1.72	--	--	--	2.28	--	--	--
Selenium	mg/L	<0.000590	--	--	--	<0.000590	--	--	--
Thallium	mg/L	<0.000415	--	--	--	<0.000415	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater								
Sample Location:		AP MW-5D								AP MW-5D (Dissolved)
Screen Interval Elevation (feet AMSL):		219.0 - 229.0								219.0 - 229.0
Sample Date:		6/2/2025	7/21/2025	8/25/2025	10/14/2025	11/18/2025	1/6/2026	2/18/2026	3/31/2026	8/25/2025
Constituent	Unit									
		Field Parameters								
Temperature	°C	25.1	26.8	28.1	25.6	24.5	23.1	22.7	24.5	28.1
Conductivity	µS/cm	8,442	8,350	8,489	8,468	7,851	8,480	8,212	8,664	8,489
ORP	mV	155.1	102.4	88.4	62.4	188.5	-163.9	-114.9	-135.4	88.4
D.O.	mg/L	0.29	1.10	0.36	0.38	0.32	0.24	0.34	0.21	0.36
Turbidity	NTU	9.38	8.23	23.1	3.52	8.44	6.00	8.37	8.62	23.1
pH, Field	SU	3.89	4.12	3.87	3.86	3.90	3.87	3.73	3.78	3.87
		Additional Chemistry Evaluation								
Aluminum	mg/L	18.1	28.6	27.0	28.9	26.5	27.2	28.5	27.2	26.8
Iron	mg/L	5.89	5.70	6.25	8.35	6.68	6.27	7.50	6.90	7.36
Magnesium	mg/L	159	166	169	149	173	226	183	175	150
Potassium	mg/L	68.4	68.5	68.8	60.2	70.8	83.0	68.5	72.6	61.2
Sodium	mg/L	1,040	1,070	1,230	1,010	1,270	1,460	1,170	1,360	1,070
Alkalinity	mg/L	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	<4.00	--
		Appendix III								
Boron	mg/L	1.29	1.35	1.42	1.21	1.15	1.71	1.51	1.38	1.27
Calcium	mg/L	540	550	635	520	640	725	575	740	545
Chloride	mg/L	1,470	1,570	1,460	1,580	1,730	1,660	1,540	1,620	--
Fluoride[1]	mg/L	3.85	3.67	3.07	3.50	3.60	4.00	3.61	4.10	--
pH, Laboratory	SU	4.0	3.7	3.6	3.9	4.0	3.9	3.8	4.0	--
Sulfate	mg/L	2,920	2,910	3,250	3,190	3,120	3,000	3,080	3,180	--
Total Dissolved Solids	mg/L	5,340	6,640	6,480	4,340	6,200	6,360	6,090	6,060	--
		Appendix IV								
Antimony	mg/L	<0.000750	<0.000750	<0.00375	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	0.00907 J
Arsenic	mg/L	0.0102	0.0121	0.0119	0.0129	0.0137	0.0146	0.0125	0.0126	0.0272
Barium	mg/L	0.0157	0.0101	0.0151 J	0.0154	0.0120	0.0167	0.00967	0.0162	0.0118
Beryllium	mg/L	0.108	0.156	0.135	0.145	0.130	0.129	0.135	0.167	0.131
Cadmium	mg/L	0.00255	0.00253	0.00238	0.00271	0.00252	0.00249	0.00366 J	0.00303	<0.000831
Chromium	mg/L	0.000961 J	0.000598 J	0.000666 J	0.00172 J	0.000633 J	0.000664 J	<0.000560	0.000612 J	<0.00216
Cobalt	mg/L	0.574	0.0528	0.0602	0.0619	0.0475	0.0504	0.0517	0.0616	0.0661
Lead	mg/L	0.000653 J	<0.00184	<0.00184	0.000643 J	0.000652 J	0.000836 J	0.000697 J	0.000696 J	<0.00368
Lithium	mg/L	1.06	0.961	0.951	0.974	1.00	1.38	1.39	1.14	0.904
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.000255	<0.00260
Radium-226/228	pCi/L	5.38	4.61	7.63	4.63	5.88	4.96	6.20	5.69	--
Selenium	mg/L	0.126	<0.00295	<0.00295	<0.000590	0.0774	<0.000590	<0.00590	0.133	<0.00927
Thallium	mg/L	0.000606 J	<0.00208	<0.00208	0.000727 J	0.000722 J	0.000757 J	0.000821 J	0.000840 J	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater							
Sample Location:		AP MW-6							
Screen Interval Elevation (feet AMSL):		228.7 - 233.7							
Sample Date:		5/22/2025	NS	NS	NS	NS	NS	NS	NS
Constituent	Unit								
		Field Parameters							
Temperature	°C	24.2	--	--	--	--	--	--	--
Conductivity	µS/cm	5,257	--	--	--	--	--	--	--
ORP	mV	19.9	--	--	--	--	--	--	--
D.O.	mg/L	0.16	--	--	--	--	--	--	--
Turbidity	NTU	7.22	--	--	--	--	--	--	--
pH, Field	SU	6.21	--	--	--	--	--	--	--
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0236	--	--	--	--	--	--	--
Iron	mg/L	0.343	--	--	--	--	--	--	--
Magnesium	mg/L	71.1	--	--	--	--	--	--	--
Potassium	mg/L	56.0	--	--	--	--	--	--	--
Sodium	mg/L	760	--	--	--	--	--	--	--
Alkalinity	mg/L	204	--	--	--	--	--	--	--
		Appendix III							
Boron	mg/L	0.897	--	--	--	--	--	--	--
Calcium	mg/L	410	--	--	--	--	--	--	--
Chloride	mg/L	1,050	--	--	--	--	--	--	--
Fluoride[1]	mg/L	<1.00	--	--	--	--	--	--	--
pH, Laboratory	SU	6.3	--	--	--	--	--	--	--
Sulfate	mg/L	1,180	--	--	--	--	--	--	--
Total Dissolved Solids	mg/L	4,270	--	--	--	--	--	--	--
		Appendix IV							
Antimony	mg/L	<0.000750	--	--	--	--	--	--	--
Arsenic	mg/L	<0.000690	--	--	--	--	--	--	--
Barium	mg/L	0.0342	--	--	--	--	--	--	--
Beryllium	mg/L	<0.000271	--	--	--	--	--	--	--
Cadmium	mg/L	<0.000240	--	--	--	--	--	--	--
Chromium	mg/L	<0.000560	--	--	--	--	--	--	--
Cobalt	mg/L	<0.000355	--	--	--	--	--	--	--
Lead	mg/L	<0.000367	--	--	--	--	--	--	--
Lithium	mg/L	0.693	--	--	--	--	--	--	--
Mercury	mg/L	<0.0000706	--	--	--	--	--	--	--
Molybdenum	mg/L	<0.000255	--	--	--	--	--	--	--
Radium-226/228	pCi/L	1.68	--	--	--	--	--	--	--
Selenium	mg/L	<0.000590	--	--	--	--	--	--	--
Thallium	mg/L	<0.000415	--	--	--	--	--	--	--

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater								
Sample Location:		AP MW-7D								AP MW-7D (Dissolved)
Screen Interval Elevation (feet AMSL):		223.7 - 233.7								223.7 - 233.7
Sample Date:		6/2/2025	7/18/2025	8/25/2025	10/16/2025	11/20/2025	1/6/2026	2/18/2026	3/31/2026	1/6/2026
Constituent	Unit									
		Field Parameters								
Temperature	°C	26.5	26.1	29.7	21.7	25.3	23.9	21.0	22.9	23.9
Conductivity	µS/cm	4,890	5,190	5,158	5,159	4,649	5,125	5,057	5,229	5,125
ORP	mV	-176.7	-61.8	-102.2	-156.8	-33.2	-233.5	-122.9	-103.6	-233.5
D.O.	mg/L	0.30	2.04	0.33	0.25	0.70	0.65	0.40	0.53	0.65
Turbidity	NTU	6.17	8.25	8.37	1.02	6.72	31.30	5.22	7.31	31.30
pH, Field	SU	6.96	6.94	6.81	6.88	6.89	6.86	6.84	6.85	6.86
		Additional Chemistry Evaluation								
Aluminum	mg/L	0.0265	0.0193 J	<0.0275	0.00995 J	0.0145 J	0.0173 J	0.00738 J	0.0143 J	<0.0352
Iron	mg/L	0.650	0.691	1.06	0.535	1.08	1.22	0.910	0.976	1.34
Magnesium	mg/L	55.3	53.4	51.2	58.0	53.3	66.0	52.0	58.4	56.3
Potassium	mg/L	50.6	45.3	44.7	42.8	45.1	49.7	40.4	48.5	46.5
Sodium	mg/L	675	635	675	685	645	805	650	760	679
Alkalinity	mg/L	264	264	253	252	255	247	259	262	--
		Appendix III								
Boron	mg/L	0.987	0.953	0.901	0.955	0.879	1.12	0.870	0.994	0.962
Calcium	mg/L	384	345	341	378	341	443	339	380	363
Chloride	mg/L	953	951	957	1,030	1,050	1,020	1,100	1,020	--
Fluoride[1]	mg/L	0.555 J	<0.500	<0.500	<0.100	0.137 J	<0.100	0.121 J	<0.100	--
pH, Laboratory	SU	6.8	6.8	7.0	6.9	6.9	6.9	6.9	6.7	--
Sulfate	mg/L	1,080	1,110	1,180	1,260	1,190	1,170	1,340	1,250	--
Total Dissolved Solids	mg/L	86,400	3,700	3,870	3,070	3,120	3,440	3,420	3,630	--
		Appendix IV								
Antimony	mg/L	0.000882 J	<0.000750	<0.00375	<0.000750	<0.000750	<0.000750	<0.000750	<0.000750	<0.00803
Arsenic	mg/L	0.0373	0.0216	0.0224	0.00970	0.0136	0.0125	0.00688	0.00777	0.0119
Barium	mg/L	0.0656	0.0582	0.0607	0.0518	0.0490	0.0520	0.0383	0.0474	0.0480
Beryllium	mg/L	<0.000271	<0.000271	<0.00136	<0.000271	<0.000271	<0.000271	<0.000271	<0.000271	<0.00107
Cadmium	mg/L	<0.000240	<0.000240	<0.00120	<0.000240	<0.000240	<0.000240	<0.000240	<0.000240	<0.000831
Chromium	mg/L	<0.000560	<0.000560	<0.00280	0.00232 J	<0.000560	0.00154 J	0.000851 J	0.000561 J	<0.00216
Cobalt	mg/L	0.00719	0.00645	0.00584 J	0.00399	0.00266	0.00239	0.00185 J	0.00212	0.00264 J
Lead	mg/L	<0.000367	<0.000367	<0.00184	<0.000367	<0.000367	<0.000367	<0.000367	<0.000367	<0.00368
Lithium	mg/L	0.545	0.405	0.399	0.404	0.390	0.530	0.605	0.494	0.465
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.0188	0.0162	0.0159	0.0124	0.0104	0.00906	0.00731	0.00856	<0.00260
Radium-226/228	pCi/L	2.20	1.62	1.98	1.63	1.80	2.00	2.07	2.18	--
Selenium	mg/L	<0.000590	<0.000590	<0.00295	<0.000590	<0.000590	<0.000590	<0.000590	<0.000590	0.0114 J
Thallium	mg/L	<0.000415	<0.000415	<0.00208	<0.000415	<0.000415	<0.000415	<0.000415	<0.000415	<0.0110

Table A-2
Groundwater Analytical Results - Monitoring Wells/Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Scrubber Sludge Pond & Ash Ponds - Deep Groundwater							
Sample Location:		AP PZ-4							
Screen Interval Elevation (feet AMSL):		227.9 - 232.9							
Sample Date:		5/22/2025	7/21/2025	8/25/2025	10/14/2025	11/18/2025	1/7/2026	2/16/2026	3/31/2026
Constituent	Unit								
		Field Parameters							
Temperature	°C	26.8	23.7	27.0	24.8	27.2	20.5	21.1	24.8
Conductivity	µS/cm	6,813	7,250	7,306	7,247	6,768	6,940	7,061	7,048
ORP	mV	112.5	-71.2	-89.8	48.2	15.8	76.8	125.8	-59.8
D.O.	mg/L	2.21	1.41	0.41	0.55	0.39	0.45	0.61	0.21
Turbidity	NTU	8.51	3.53	5.30	0.94	4.60	0.02	0.28	0.02
pH, Field	SU	7.70	8.58	8.56	8.76	8.73	8.62	8.59	8.35
		Additional Chemistry Evaluation							
Aluminum	mg/L	0.0191 J	0.0359	<0.0275	0.278	0.0417	<0.0275	0.0136 J	0.0129 J
Iron	mg/L	0.0472	0.0116 J	<0.0223	1.11	0.00722 J	<0.0223	0.00740 J	<0.00445
Magnesium	mg/L	44.8	18.2	10.8	160	11.9	13.8	13.1	14.4
Potassium	mg/L	72.5	66.9	67.3	54.3	62.9	65.5	59.5	72.4
Sodium	mg/L	965	820	890	940	825	930	835	960
Alkalinity	mg/L	42.3	21.0	8.6	13.9	17.3	14.4	13.8	15.4
		Appendix III							
Boron	mg/L	0.924	0.518	0.402	0.294	0.375	0.419	0.366	0.432
Calcium	mg/L	525	499	555	885	475	555	494	610
Chloride	mg/L	2,170	1,860	2,300	2,450	2,430	2,490	2,370	2,320
Fluoride[1]	mg/L	<1.00	<0.500	<0.500	<0.100	<0.100	<0.100	0.395 J	<0.100
pH, Laboratory	SU	7.5	7.9	7.7	7.4*	8.6	7.7	7.8	7.6
Sulfate	mg/L	200	98.5	107	115	112	114	115	119
Total Dissolved Solids	mg/L	3,960	4,030	4,280	4,720	4,040	4,700	5,260	3,970
		Appendix IV							
Antimony	mg/L	0.000942 J	<0.000750	0.00772 J	<0.000750	0.00152 J	<0.00375	<0.000750	<0.000750
Arsenic	mg/L	0.00107 J	0.00106 J	<0.00345	0.00595	0.000942 J	<0.00345	0.00109 J	0.00113 J
Barium	mg/L	0.152	0.165	0.252	0.0271	0.220	0.210	0.212	0.235
Beryllium	mg/L	<0.000271	<0.000271	<0.00136	0.00536	<0.000271	<0.00136	<0.000271	<0.000271
Cadmium	mg/L	<0.000240	<0.000240	<0.00120	0.00436	<0.000240	<0.00120	<0.000240	<0.000240
Chromium	mg/L	0.00272 J	0.000745 J	<0.00280	<0.000560	0.000986 J	<0.00280	<0.000560	<0.000560
Cobalt	mg/L	<0.000355	<0.000355	<0.00178	0.0433	<0.000355	<0.00178	<0.000355	<0.000355
Lead	mg/L	<0.000367	<0.000367	<0.00184	0.000613 J	<0.000367	<0.00184	<0.000367	<0.000367
Lithium	mg/L	0.746	0.207	0.457	0.713	0.547	0.625	0.750	0.665
Mercury	mg/L	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706	<0.0000706
Molybdenum	mg/L	0.00312	0.00225	0.00284 J	0.000419 J	0.00114 J	<0.00128	0.000933 J	0.000821 J
Radium-226/228	pCi/L	4.67	2.33	2.57	2.62	2.87	2.91	3.38	3.19
Selenium	mg/L	<0.000590	<0.000590	<0.00295	<0.000590	<0.000590	<0.00295	<0.000590	<0.000590
Thallium	mg/L	<0.000415	<0.000415	<0.00208	0.00177 J	<0.000415	<0.00208	<0.000415	<0.000415

Notes:
Bold & Underlined values indicate a constituent detected above the laboratory's reporting limits.
AMSL - Above Mean Sea Level
J - Value is below the Reporting Limit and above the Method Detection Limit; therfore, value is estimated and not considered significant.
°C - Degrees Celsius.
D.O. - Dissolved oxygen.
mg/L - milligrams per liter.
mV - millivolts.
NTU - Nephelometric Turbidity Unit.
ORP - Oxidation-reduction potential.
pCi/L - picocuries per liter.
SU - standard units.
U - Value is below the laboratory's sample detection limit for Radium 226/228
µS/cm - microsiemens per centimeter.
-- - not analyzed.
* = The initial analysis of the sample for AP PZ-4 collected on October 14, 2025, appeared to be anomalous. A request was made for reanalysis. The reanalysis result is reported for this constituent.

Comments:
1. Under the Federal CCR Rule, fluoride is listed as both an Appendix III and Appendix IV constituent. For reporting purposes, fluoride concentrations are only listed on this table under the Appendix III section of the table.

Table A-3
Liquids Analytical Results - Site F Landfill Piezometers
Alternative Source Demonstration - Addendum #3
Gibbons Creek Steam Electric Station

Monitored CCR Unit		Site F Landfill	
Sample Location:		F2	F3
Sample Date:		7/23/2025	7/23/2025
Constituent	Unit		
		Field Parameters	
Temperature	°C	25.2	26.8
Conductivity	µS/cm	6,553	5,678
ORP	mV	-294.1	-353
D.O.	mg/L	0.80	0.20
Turbidity	NTU	28.4	22.1
pH, Field	SU	8.70	9.61
		Additional Chemistry Evaluation	
Aluminum	mg/L	1.17	1.06
Iron	mg/L	0.114	1.53
Magnesium	mg/L	12.2	0.920
Potassium	mg/L	22.5	25.3
Sodium	mg/L	293	181
Alkalinity	mg/L	296	939
		Appendix III	
Boron	mg/L	63.3	77.5
Calcium	mg/L	1,090	1,330
Chloride	mg/L	1,360	612
Fluoride[1]	mg/L	1.88 J	3.94
pH, Laboratory	SU	8.5	9.5
Sulfate	mg/L	1,330	1,490
Total Dissolved Solids	mg/L	4,760	3,420
		Appendix IV	
Antimony	mg/L	<0.000750	<0.0375
Arsenic	mg/L	<0.000690	0.0947 J
Barium	mg/L	0.00784	<0.0671
Beryllium	mg/L	<0.000271	<0.000271
Cadmium	mg/L	<0.000240	<0.0120
Chromium	mg/L	0.00152 J	<0.0280
Cobalt	mg/L	<0.000355	<0.0178
Lead	mg/L	0.00120 J	0.000917 J
Lithium	mg/L	0.201	0.117
Mercury	mg/L	<0.0000706	0.000391
Molybdenum	mg/L	<0.000255	<0.0128
Radium-226/228	pCi/L	1.71	2.07
Selenium	mg/L	<0.000590	<0.0295
Thallium	mg/L	<0.000415	<0.000415

Notes:
J - Value is below the Reporting Limit and above the Method Detection Limit; therfore, value is estimated and not considered significant.
°C - Degrees Celsius.
D.O. - Dissolved oxygen.
mg/L - milligrams per liter.
mV - millivolts.
NTU - Nephelometric Turbidity Unit.
ORP - Oxidation-reduction potential.
pCi/L - picocuries per liter.
SU - standard units.
µS/cm - microsiemens per centimeter.

Comments:
1. Under the Federal CCR Rule, fluoride is listed as both an Appendix III and Appendix IV constituent. For reporting purposes, fluoride concentrations are only listed on this table under the Appendix III section of the table.

Appendix B

Groundwater Sampling Field Forms

November 2025 Event

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: AP MW-1
Sample Number:
Weather Conditions: Clouds, Sunny 24°C, windy
Wellhead Inspection:
Sampler Name(s): EFoley
Date/Time: 11-18-25 / 0955
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.83 ~~10.47~~	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	24.00	7. Water Level Measuring Equip.	Oreotech meter
3. Bottom of casing (±0.01 ft.)	26.01	8. Purge Equipment Used	Peristaltic
4. Casing Diameter (inches)	2in	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	7.5	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: NA Turbidity	low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	WL ~~Drawdown~~	Notes
0915								15.68	
0917	Start Purge								
0920	1.00	23.4	2021	65.1	0.57	0.02	5.44	15.86	~~MW~~ Fr: 200
0925	1.75	23.4	2009	52.9	0.23	0.02	5.46	15.88	
0930	3.00	23.4	1993	30.7	0.16	0.02	5.47	15.90	
0935	3.75	23.4	1991	29.5	0.12	0.02	5.47	15.93	
0940	4.75	23.4	1977	32.2	0.10	0.02	5.48	15.94	
0945	6.00	23.5	1981	35.0	0.09	0.02	5.48	15.93	
0950	6.75	23.5	1988	35.7	0.08	0.02	5.47	15.94	
0955	Sample								
1015	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0955
3. Sampling Equip. Used	Peristaltic	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:		9. Other Information:	ASDS
Turbidity	low		
Color	NA		
Odor	NA		

10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: AP MW-1D
Sample Number:
Weather Conditions: light winds, SUNNY 20°C
Wellhead Inspection: good, old
Sampler Name(s): E. Foley
Date/Time: 11/11/25 1505
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 16.97
2. Intake Depth (±0.01 ft.) 41.00
3. Bottom of casing (±0.01 ft.) 43.03
4. Casing Diameter (inches) 2in
5. Actual Volume of Water Purged (mL)
6. Purge Water Characteristics:
   Odor N/A
   Color tinge yellow (barely)
   Turbidity clear
7. Purge Rate (mL/min) 300
7. Water Level Measuring Equip.
8. Purge Equipment Used peristaltic
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	water level Drawdown	Notes
1425	Start PUMP	—	—	—	—	—	—	16.82	
1430	Purge starts	—	—	—	—	—	—	—	
1435	1.5	22.8	1238	200.1	1.00	1.04	6.06	17.28	300
1446	3.0	22.8	1247	191.0	.40	1.11	6.05	17.28	~~150~~ 300
1445	4.5	22.8	1254	182.3	.24	6.46	6.04	17.26	
1450	5.5	22.8	1255	180.2	.20	0.63	6.04	17.28	
1455	7.0	22.8	1256	177.5	.21	0.02	6.03	17.28	
1500	~8.5	22.8	1257	176.0	.18	0.02	6.03	17.29	
1505	Sample								
1520	PUMP OFF								

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used Peristaltic
4. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)
5. Sample Rate (mL/min) 300
6. Sample Appearance:
   Turbidity clear
   Color N/A
   Odor N/A
7. Time to recharge (min): NA
8. Sample Time: 1505
9: Parameter/Container/Pres.
App. III and App. IV CCR Parameters
Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**
MW Identification: AP MW-10
Sample Number:
Weather Conditions: Cloudy 72°F
Wellhead Inspection:

Sampler Name(s): E. Foley
Date/Time: 11-18-25 0835
PID Readings: **N/A**

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]): 16.97
2. Intake Depth (±0.01 ft.): 41.00
3. Bottom of casing (±0.01 ft.): 43.03
4. Casing Diameter (inches): 2in
5. Actual Volume of Water Purged (mL): 7.5 L
6. Purge Water Characteristics:
   - Odor: NA
   - Color: NA
   - Turbidity: low
7. Purge Rate (mL/min): 200
7. Water Level Measuring Equip.: Geotech
8. Purge Equipment Used: Peristaltic
9. Dedicated? (Yes/No): Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer: NA
12. Drive Gas (Air/Nitrogen): AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ WL	Notes
0755	Start pump	-	-	-	-	-	-	16.74	
0758	Start purge	-	-	-	-	-	-	-	
0800	2.0	23.0	1127	64.0	2.12	1.62	5.99	16.96	
0805	2.0	23.0	1144	65.9	0.51	0.02	5.95	17.02	
0810	2.75	23.0	1153	63.6	0.32	0.02	5.97	17.03	
0815	4.00	23.0	1157	58.9	0.19	0.02	5.97	17.03	
0820	4.75	23.1	1157	56.2	0.17	0.02	5.97	17.05	
0825	6.00	23.0	1161	52.5	.14	0.02	5.96	17.05	
0830	7.00	23.1	1162	49.5	0.12	0.02	5.97	17.05	
0835	Sample								
0855	pump	off							

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used: Peri PUMP
4. Drive Gas (Air/Nitrogen): AIR /NITROGEN/ (N/A)
5. Sample Rate (mL/min): 200
6. Sample Appearance:
   - Turbidity: low
   - Color: NA
   - Odor: NA
7. Time to recharge (min): NA
8. Sample Time: 0835
9. Parameter/Container/Pres.: **App. III and App. IV CCR Parameters**
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information: ASD 5
10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): E. Foley
MW Identification: AP MW-3		Date/Time: 11-12-25 / 1110
Sample Number:		PID Readings: N/A
Weather Conditions:	Sunny, 20°C	
Wellhead Inspection:	good, old	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.08	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	~41.00	7. Water Level Measuring Equip.	Water Geotech
3. Bottom of casing (±0.01 ft.)	43.44 ~~43.45~~	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (~~N~~L)	21.0	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: NA Turbidity	low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: clear			

Time	Volume Purged (~~N~~L)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~WL~~ Drawdown	Notes
0940	Pump on	—	—	—	—	—	—	14.97	
0942	Purge start	—	—	—	—	—	—		
0945	1.0	23.6	1639	276.7	.51	3.43	5.15	15.25	
0950	2.5	23.5	1630	271.8	.23	1.81	5.12	15.29	
0955	3.5	23.5	1622	271.4	.17	0.02	5.13	15.30	
1000	4.5	23.4	1609	272.8	0.15	0.02	5.12	15.35	
1005	6.0	23.4	1595	270.5	0.18	2.44	5.14	15.37	
1010	7.25	23.5	1621	258.4	0.16	0.25	5.07	15.32	
1015	8.5	23.5	1608	247.5	0.17	0.38	5.08	15.39	
1020	9.5	23.5	1590	227.6	0.20	0.02	5.09	15.38	
1025	10.5	23.5	1573	208.0	0.18	0.02	5.09	15.40	
1030	12	23.6	1578	194.9	0.17	0.02	5.11	15.40	
1035	13	23.6	1585	167.0	0.16	1.63	5.06	15.39	
1040	14.5	23.6	1634	163.1	0.06	0.02	5.05	15.38	
1045	15.5	23.6	1618	149.5	0.06	0.02	5.06	15.39	
1050	17.0	23.6	1647	139.9	0.06	0.02	5.07	15.38	
1055	18.5	23.6	1580	123.2	0.06	0.02	5.07	15.38	
1100	19.5	23.5	1581	117.1	0.06	0.02	5.08	15.39	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1110
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/(N/A)		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:			
Turbidity	low	9. Other Information:	CCR
Color	NA		
Odor	NA		

ORP destabilized after ~25 min

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: **GCSES**
MW Identification: AP MW-3
Sample Number:
Weather Conditions:
Wellhead Inspection:

Sampler Name(s): W. Foley
Date/Time: 11-12-25 1110
PID Readings: **N/A**

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1105	20.5	23.6	1581	~~103~~ 113.8	(0.07) 0.02		5.07	15.40	
1110	Sample								
1140	PUMP	OFF	(took dup)						

+20 - dup time?
~~+25~~ 1125 dup

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	F Li
MW Identification:	AP MW-3D	Date/Time:	11/18/25
Sample Number:		PID Readings: N/A	
Weather Conditions:	Mostly sunny, calm 70's		
Wellhead Inspection:	good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	14.17	7. Purge Rate (mL/min)	80
2. Intake Depth (±0.01 ft.)	~54.86	7. Water Level Measuring Equip.	Geotech WLM
3. Bottom of casing (±0.01 ft.)	56.86	8. Purge Equipment Used	LF Bladder
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	9100	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none Turbidity	low	12. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1605								1306	
1615	750	27.8	1930	46.6	2.18	4.35	5.61	14.12	
1620	1250	27.1	1815	26.6	1.40	6.44	5.46	14.30	
1625	1750	26.7	1784	29.0	1.09	12.1	5.43	14.65	
1630	2250	26.7	1771	25.5	0.99	14.3	5.43	14.76	
1635	2750	26.7	1771	24.0	0.93	14.9	5.42	14.82	flow reduced ~80
1640	3150	27.2	1787	24.7	0.93	11.7	5.41	14.71	
1645	3550	26.2	1811	27.1	0.91	12.1	5.38	14.78	
1650	3950	26.2	1878	29.3	0.84	11.1	5.33	14.88	
1655	4350	26.1	1901	30.8	0.36	14.1	5.34	14.96	
1700	4750	26.2	1909	31.2	0.26	11.3	5.32	14.97	
1705	5150	26.4	1967	32.4	0.26	13.6	5.32	14.86	
1710	5550	26.8	1964	34.4	0.24	12.2	5.27	14.86	
1715	5950	25.5	2012	35.6	0.24	9.33	5.26	14.86	
1720	6350	25.2	2064	37.4	0.31	9.69	5.25	14.88	
1725	6750	24.9	2029	37.2	0.25	11.5	5.25	14.89	flow lowered ~80
1730	7150	24.9	1990	37.9	0.35	13.9	5.27	14.97	
1735	7500	24.9	1997	39.7	0.27	11.8	5.24	14.99	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1755
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A	~~App. III and App. IV CCR Parameters~~	
5. Sample Rate (mL/min)	80	~~Na, Mg, K, Fe, Al, Alkalinity~~	A-SD
6. Sample Appearance:	good		
Turbidity	low	9. Other Information:	
Color	clear	Flow keeps jumping up randomly	
Odor	none		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: **GCSES** | Sampler Name(s): FLI

MW Identification: AP MW-3D | Date/Time: 11/13/25

Sample Number: | PID Readings: N/A

Weather Conditions: mostly sunny, calm, 70's

Wellhead Inspection: good

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1740	7900	24.6	2073	59.2	0.26	10.6	5.23	15.05	flow lowered
1745	8300	24.6	2038	55.2	0.26	8.06	5.23	15.04	
1750	8700	24.7	2038	54.5	0.22	8.87	5.22	15.03	
1755	9100	24.7	2086	54.2	0.36	6.38	5.22	15.01	
1755									SAMPLE
1850									PUMP OFF

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	F L.
MW Identification:	APMW - 4	Date/Time:	11/11/25
Sample Number:		PID Readings:	N/A
Weather Conditions:	Sunny, windy, 70's		
Wellhead Inspection:	average		

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	(Yes) / ~~No~~ possible	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.34	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	~~51.90~~ 49.83	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	53.90	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	9100	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: odorless	Turbidity: clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: clear			

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±3%	ORP (mV) ±10	D.O. (mg/L) ±10% ≥0.5	Turbidity (NTU) ±10%	pH ±0.1	Drawdown	Notes
1610								15.34	START
1615	1000	22.2	4628	61.3	0.43	1.94	5.56	16.03	
1620	2800	22.0	4574	45.8	1.24	1.27	5.57	16.12	
1625	3200	22.0	4534	42.2	1.12	1.41	5.57	16.11	
1630	4300	22.0	4485	38.6	0.38	2.01	5.57	16.15	
1635	5300	22.0	4619	35.7	0.26	1.51	5.57	16.18	
1640	6300	22.0	4559	31.6	0.50	2.58	5.57	16.18	
1645	7300	21.9	4499	29.1	0.25	2.47	5.57	16.21	
1650	8200	21.9	4458	27.3	0.11	4.47	5.58	16.21	
1655	9100	21.9	4425	24.8	0.16	1.51	5.58	16.21	
1655									SAMPLE
1720									PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1655
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:		9. Other Information:	Extremely difficult getting tubing down well caught on casing ~25 ft and ~40 ft depth.
Turbidity	low		
Color	colorless		
Odor	odorless		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s): JMT
MW Identification:	AP MW-4S	Date/Time: 11/18/25
Sample Number:		PID Readings: **N/A**
Weather Conditions:		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]): 20.19
2. Intake Depth (±0.01 ft.): 36.88
3. Bottom of casing (±0.01 ft.): 38.88
4. Casing Diameter (inches): 2
5. Actual Volume of Water Purged (mL): 10000
6. Purge Water Characteristics:
   - Odor: none
   - Color: none
   - Turbidity: clear
7. Purge Rate (mL/min): 200
7. Water Level Measuring Equip.: geotech
8. Purge Equipment Used: perisaltic
9. Dedicated? (Yes/No): Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer: N/A
12. Drive Gas (Air/Nitrogen): AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±3%	ORP (mV) ±10	D.O. (mg/L) ±10%	Turbidity (NTU) <10	pH ±0.1	~~Drawdown~~ WL	Notes
1005									
1010									
1015	1500	23.1	2636	-85.0	0.40	7.00	5.55	20.26	pump start
1020	3000	23.0	2444	-103.0	0.28	6.02	5.35	20.42	purge start
1025	4060	23.1	2124	-100.2	0.22	1.07	4.95	20.43	
1030	5000	23.1	1481	-44.5	0.20	0.02	3.78	20.43	
1035	6000	23.2	1446	25.9	0.18	0.02	3.85	20.49	
1040	7060	23.3	1451	46.6	0.17	0.02	3.85	20.44	
1045	8000	23.2	1453	51.0	0.16	0.02	3.82	20.44	
1050	9000	23.2	1455	47.3	0.15	0.02	3.81	20.45	
1115								20.45	sample Rinse pump stop

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used: perisaltic
4. Drive Gas (Air/Nitrogen): AIR /NITROGEN/ (N/A)
5. Sample Rate (mL/min): 200
6. Sample Appearance:
   - Turbidity: clear
   - Color: none
   - Odor: none
7. Time to recharge (min): N/A
8. Sample Time: 1050
9. Parameter/Container/Pres.: **App. III and App. IV CCR Parameters**
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES** | Sampler Name(s): EMT

MW Identification: AP MW-5 | Date/Time: 11/11/25

Sample Number: | PID Readings: **N/A**

Weather Conditions:

Wellhead Inspection: average

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / No	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / No	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.05	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	41.15	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	43.15	8. Purge Equipment Used	Peristaltic pump
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	10000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor: none	Turbidity: clear/low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN (N/A)
Color: clear			

± 3% ± 10 ± 10% ± 0.5 water

Time	Volume Purged (mL)	Temp (°C)	Conductivity ~~(µs/cm)~~ mS	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Level ~~Drawdown~~	Notes
1547	pump start							16.12	
1545	purge start								
1550	2000	22.4	5.57	303.2	0.87	20.4	3.25	16.496	
1556	4000	22.1	5.52	312.7	0.75	0.02	3.26	16.52	
1600	5000	22.1	5.52	322.4	0.74	0.02	3.26	16.50	
1605	6000	22.5	5.54	329.2	0.66	0.02	3.26	16.50	
1610	7000	22.6	5.54	332.4	0.74	0.02	3.26	16.50	
1615	8000	22.4	5.53	334.8	0.71	0.02	3.26	16.51	
1620	9000	22.4	5.55	337.4	0.68		3.26	16.51	
1625	sample	start							
1640	pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	10. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1625	**Alconox/DI Rinse**	
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.		11. Instrument type: **YSI ProSeries**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	**App. III and App. IV CCR Parameters**		Calibration Date:	
5. Sample Rate (mL/min)	200	**Na, Mg, K, Fe, Al, Alkalinity**		Calibration Time:	
6. Sample Appearance:	5000				
Turbidity	clear/low	9. Other Information:			
Color	clear				
Odor	none				

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s): F Li
MW Identification: AP MW-5D		Date/Time: 11/18/25
Sample Number:		PID Readings: **N/A**
Weather Conditions: partly cloudy, calm, 80's		
Wellhead Inspection: good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.60	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	~54.10	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	56.10	8. Purge Equipment Used	LF Bladder
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	22000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none	Turbidity: low	12. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN / N/A
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0755								16.20	START Pump
0800	500	22.9	6982	218.7	3.35	133	3.81	16.45	
0805	1000	22.7	7377	147.5	0.77	140	3.85	16.47	
0810	1500	22.9	7353	137.0	0.51	136	3.86	16.46	
0815	2000	23.0	7328	147.6	0.41	119	3.85	16.48	
0820	2500	23.0	7257	165.2	0.37	78.0	3.84	16.49	
0825	3000	23.0	7216	176.6	0.35	59.0	3.82	16.49	
0830	3500	23.0	7125	188.0	0.35	47.8	3.78	16.51	
0835	4000	23.2	7119	198.0	0.38	40.9	3.77	16.51	
0840	4500	23.2	7095	202.3	0.36	26.1	3.74	16.51	
0845	5000	23.4	7018	201.9	0.35	26.8	3.73	16.51	
0850	5500	23.3	7004	199.5	0.32	20.7	3.75	16.51	
0855	6000	23.1	7041	192.7	0.31	22.4	3.78	16.54	
0900	6500	23.0	7053	188.0	0.28	18.3	3.79	16.58	lowered flow ~100
0905	7000	23.0	7066	183.2	0.28	16.9	3.81	16.55	
0910	7500	23.2	7154	186.2	0.28	18.5	3.82	16.55	
0915	8000	23.4	7236	187.6	0.27	17.6	3.83	16.55	
0920	8500	23.5	7289	188.5	0.27	17.0	3.85	16.55	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1135
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A	~~App. III and App. IV CCR Parameters~~	
5. Sample Rate (mL/min)	100	~~Na, Mg, K, Fe, Al, Alkalinity~~	ASD
6. Sample Appearance:	good		
Turbidity	low	9. Other Information:	
Color	clear		
Odor	none		

10. Decontamination Procedures:
Alconox/DI RInse

11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: **GCSES**		Sampler Name(s): F L.
MW Identification: AP MW - 5D		Date/Time: 11/18/25
Sample Number:		PID Readings: **N/A**
Weather Conditions: partly cloudy, calm, 80s		
Wellhead Inspection: good		

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0925	9000	24.1	7347	191.6	0.26	15.5	3.87	16.56	
0930	9500	24.5	7426	189.4	0.28	15.3	3.87	16.56	
0935	10000	24.3	7408	193.5	0.29	16.6	3.87	16.56	
0940	10500	24.6	7417	198.3	0.28	19.7	3.88	16.56	
0945	11000	24.8	7586	199.8	0.28	17.3	3.88	16.56	
0950	11500	24.7	7604	192.3	0.25	16.7	3.88	16.56	
0955	12000	25.1	7644	196.9	0.30	15.9	3.89	16.55	
1000	12500	25.3	7672	200.3	0.30	15.6	3.89	16.56	
1005	13000	25.0	7650	197.4	0.31	15.4	3.89	16.56	
1010	13500	25.3	7652	202.6	0.30	16.6	3.89	16.56	
1015	14000	24.3	7502	188.0	0.31	14.6	3.90	16.57	
1020	14500	24.3	7726	190.4	0.31	13.3	3.90	16.57	
1025	15000	24.6	7773	185.6	0.29	12.7	3.91	16.57	
1030	15500	25.0	7767	190.0	0.35	12.0	3.91	16.57	
1035	16000	25.2	7898	209.4	0.36	11.5	3.91	16.57	
1040	16500	25.5	7938	215.9	0.41	10.9	3.91	16.57	
1045	17000	25.4	7930	206.4	0.38	11.2	3.91	16.57	
1050	17500	25.2	7912	214.6	0.36	10.4	3.91	16.56	
1055	18000	25.2	7858	196.3	0.40	10.9	3.91	16.56	
1100	18500	25.2	7885	205.8	0.44	11.8	3.91	16.56	
1105	19000	24.9	7812	182.4	0.32	12.4	3.90	16.56	
1110	19500	24.8	7801	168.0	0.19	10.9	3.89	16.57	
1115	20000	25.0	7894	176.1	0.41	10.5	3.90	16.57	
1120	20500	25.3	7946	186.7	0.29	10.2	3.90	16.57	
1125	21000	25.1	7934	194.1	0.47	9.74	3.90	16.57	
1130	21500	25.2	7950	196.9	0.42	9.04	3.90	16.57	
1135	22000	24.5	7851	188.5	0.32	8.44	3.90	16.57	
1135									SAMPLE
1221									PUMP OFF

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	JMT
MW Identification:	APMW-75	Date/Time:	11/18/25
Sample Number:		PID Readings: N/A	
Weather Conditions:	cloudy		
Wellhead Inspection:	average		

Visual Inspection:

1. Survey Mark Present: Yes / No
2. Collision/Vandalism Damage: Yes / No
3. Casing Degradation: Yes / No
4. Well Subsidence: Yes / No
5. Standing/Ponded Water: Yes / No
6. Frost Heaving: Yes / No
7. Lock in Place: Yes / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 22.40
2. Intake Depth (±0.01 ft.) 36.75
3. Bottom of casing (±0.01 ft.) 38.75
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 6500
6. Purge Water Characteristics:
   Odor none
   Color none
   Turbidity clear
7. Purge Rate (mL/min) 100
7. Water Level Measuring Equip. geotech
8. Purge Equipment Used peristaltic
9. Dedicated? (Yes/No) Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±3%	ORP (mV) ±10	D.O. (mg/L) <0.5	Turbidity (NTU) <10	pH ±0.1	~~Drawdown~~ WL	Notes
0800									
0805	500	22.4	5301	9.1	0.83	0.02	6.54	22.03	Pump start
0810	500	22.4	5301	9.1	0.85	0.02	6.54		purge start
0815	1000	22.4	5437	-7.6	0.55	0.02	6.55	22.50	
0820	1500	22.4	5466	-18.4	0.38	0.02	6.57	23.14	
0825	2000	22.4	5356	-23.5	0.32	0.02	6.40	23.69	
0830	2500	22.4	5337	-22.2	0.29	0.02	6.08	23.97	
0835	3000	22.6	4992	11.9	0.26	0.02	5.26	24.23	
0840	3500	22.6	4869	47.2	0.25	0.02	4.94	24.46	
0845	4000	20.7	4833	64.9	0.24	0.02	4.87	24.68	
0850	4500	22.6	4807	78.8	0.23	0.02	4.79	24.81	
0855	5000	22.7	4779	86.2	0.23	0.02	4.70	24.99	
0900	5500	22.6	4774	92.1	0.21	0.02	4.67	25.12	
0905	6000	22.6	4763	94.5	0.21	0.02	4.65	25.28	
0910								25.48	
0940									sample time
									pump stop

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used peristaltic
4. Drive Gas (Air/Nitrogen) AIR/NITROGEN/ N/A
5. Sample Rate (mL/min) 100
6. Sample Appearance:
   Turbidity clear
   Color none
   Odor none
7. Time to recharge (min): N/A
8. Sample Time: 0910
9: Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): F Li
MW Identification:	AP MW-7D	Date/Time: 11/20/25
Sample Number:		PID Readings: N/A
Weather Conditions:	Partly cloudy, calm, 80's	
Wellhead Inspection:	good	

Visual inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (ND)
3. Casing Degradation:	Yes / (ND)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (ND)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	25.88	7. Purge Rate (mL/min)	~100
2. Intake Depth (±0.01 ft.)	55.35	7. Water Level Measuring Equip.	Geotech WLM
3. Bottom of casing (±0.01 ft.)	57.35	8. Purge Equipment Used	LF Bladder
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	10300	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none Turbidity	<10	12. Drive Gas (Air/Nitrogen)	(AIR) NITROGEN / N/A
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1440								23.73	START
1445	130	27.8	4904	2.3	3.05	8.91	6.91	24.41	
1450	700	26.8	4831	-18.7	1.75	41.2	6.89	24.63	~130mL/min
1455	1300	26.5	4765	-39.2	1.00	184	6.91	24.96	
1500	2300	26.1	4744	-50.9	0.56	164	6.91	25.65	flow increase ~200 mL/min
1505	4300	24.4	4678	-31.4	2.46	116	6.94	26.76	
1510	5300	23.7	4533	-25.2	1.39	55.0	6.92	28.66	
1515	5800	24.6	4630	-26.2	1.37	26.6	6.92	28.80	
1520	6300	25.0	4636	-22.8	1.22	31.9	4.91	29.18	~100mL/min
1525	6800	25.4	4659	-28.7	0.73	71.0	6.90	29.89	
1530	7300	25.5	4643	-31.3	0.67	24.7	6.90	30.25	
1535	7900	25.7	4707	-30.7	0.67	21.8	6.89	30.69	
1540	8300	25.3	4650	-31.6	0.69	15.9	6.90	30.98	
1545	8800	25.5	4651	-32.4	0.69	13.1	6.90	31.45	
1550	9300	25.9	4748	-31.8	0.73	9.42	6.89	31.96	
1555	9800	25.3	4675	-31.6	0.68	9.73	6.89	32.24	
1600 ~~1555~~	10300	25.3	4649	-33.2	0.70	6.72	6.89	32.53	
1600									SAMPLE
1645									PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1600
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	(AIR) NITROGEN/ ~~N/A~~	~~App. III and App. IV CCR Parameters~~	
5. Sample Rate (mL/min)	~100	~~Na, Mg, K, Fe, Al, Alkalinity~~ ASD	
6. Sample Appearance:	good		
Turbidity	<10	9. Other Information:	
Color	none		
Odor	none		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s): E. Foley
MW Identification: [redacted] AP PZ-1		Date/Time: 11-18-25
Sample Number:		PID Readings: **N/A**
Weather Conditions: Partly-mostly Cloudy 25°C		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	09.82	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	27.00	7. Water Level Measuring Equip.	Geotech peter
3. Bottom of casing (±0.01 ft.)	29.58	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	2in	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor NA Turbidity	low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color NA			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~WL Drawdown~~	Notes
1048	start	PUMP						9.58	
1050	start	purge	-	-	-	-	-	-	Fr. 100
1055	1.0	24.9	8551	44.8	0.42	3.85	4.68	10.60	
1100	1.5	24.9	8507	23.6	0.28	1.45	4.70	10.95	
1105	2.0	24.8	8510	14.4	0.22	0.02	4.70	11.12	
1110	2.75	24.4	8500	5.9	0.17	6.45	4.71	11.45	
1115	3.50	24.6	8460	1.6	0.16	0.02	4.71	11.61	
1120	4.0	24.4	8470	-3.7	0.14	~~24.28~~	4.72	11.80	
1125	4.5	24.4	8458	-7.4	0.13	7.55	4.73	12.02	
1130	sample								
	~~stop pump~~								
1135	had to turn up purge rate @ 500mL in first bottle, lost overhead								Fr still 100-150
1155	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1130
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR/NITROGEN/(N/A)		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:		9. Other Information:	
Turbidity	low		ASD
Color	NA		purging @ lowest rate possible, lost pressure while sampling and had to turn up purge rate
Odor	NA		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s):	FLI
MW Identification:	AP PZ-4	Date/Time:	11/13/25
Sample Number:		PID Readings: N/A	
Weather Conditions:	hot, partly cloudy, 80's		
Wellhead Inspection:	average		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	12.83	7. Purge Rate (mL/min)	50
2. Intake Depth (±0.01 ft.)	~ 44.4	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	46.41	8. Purge Equipment Used	LF Bladder
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	3750	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	--
Odor: none Turbidity	low	12. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1255								11.50	PUMP ON
1300	250	25.3	6479	16.4	1.87	8.78	8.84	12.60	
1305	500	26.4	6645	53.0	1.23	10.0	8.66	12.75	
1310	750	27.5	6795	-66.7	1.03	5.45	8.71	12.92	
1315	1000	27.0	6749	-74.2	0.81	5.72	8.80	13.35	
1320	1250	26.9	6736	-75.3	0.62	7.37	8.74	13.72	
1325	1500	27.0	6723	-65.1	0.50	8.95	8.77	14.03	
1330	1750	27.1	6738	-61.6	0.45	7.57	8.73	14.32	
1335	2000	27.6	6794	-47.4	0.44	5.25	8.67	14.59	
1340	2250	27.7	6829	-35.5	0.43	6.00	8.70	14.87	
1345	2500	27.3	6769	-16.9	0.42	8.65	8.69	15.13	
1350	2750	27.1	6740	-4.3	0.41	8.74	8.76	15.43	
1355	3000	27.5	6787	2.5	0.43	5.18	8.69	15.71	
1400	3250	27.4	6786	9.4	0.44	6.61	8.74	15.93	
1405	3500	27.5	6786	14.1	0.39	4.60	8.73	16.18	
1410	3750	27.2	6768	15.8	0.39		8.73	16.39	
1410									SAMPLE
1540									PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1410
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	(AIR) NITROGEN/ N/A	~~App. III and App. IV CCR Parameters~~	
5. Sample Rate (mL/min)	50	~~Na, Mg, K, Fe, Al, Alkalinity~~	ASD
6. Sample Appearance:	good		
Turbidity	low	9. Other Information:	
Color	clear		
Odor	none		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES** | Sampler Name(s): JMT

MW Identification: AP PZ-45 | Date/Time: 11/17/25

Sample Number: | PID Readings: N/A

Weather Conditions: cloudy

Wellhead Inspection: average

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 12.32
2. Intake Depth (±0.01 ft.) 36.80
3. Bottom of casing (±0.01 ft.) 38.80
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL)
6. Purge Water Characteristics:
   - Odor: none
   - Color: none
   - Turbidity: clear
7. Purge Rate (mL/min) 100
7. Water Level Measuring Equip. Geotech
8. Purge Equipment Used Peristaltic
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±3%	ORP (mV) ±10	D.O. (mg/L) ±10% or <0.5	Turbidity (NTU) ±10% or <10	pH ±0.1	Drawdown	Notes
0850									
0852									
0855	1000	23.2	8612	-61.1	0.24			12.69	pump start
0900	2000	23.4	8611	-74.4	0.51	5.97	6.41	13.93	purge start
0905	2500	23.5	8603	-77.7	0.46	0.23	6.42	15.14	
0910	3000	23.6	8610	-82.4	0.42	0.02	6.42	15.78	
0915	4000	23.5	8601	-91.9	0.39	0.02	6.42	16.41	
0920	4500	23.7	8612	-100.1	0.43	0.02	6.42	17.31	
0925	5000	23.7	8549	-120.8	0.40	0.02	6.42	17.83	
0930	5500	23.8	8575	-134.3	0.39	0.02	6.41	18.55	
0935	6000	23.8	8555	-139.4	0.37	0.02	6.41	18.97	
0940	6500	23.9	8543	-153.7	0.35	0.08	6.40	19.49	
0945	7000	23.8	8533	-157.8	0.42	0.02	6.39	20.02	
0950							6.37	20.49	
1020									sample time
1050									dup time
									pump stop

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used: Peristaltic pump
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ (N/A)
5. Sample Rate (mL/min): 100
6. Sample Appearance:
   - Turbidity: clear
   - Color: none
   - Odor: none
7. Time to recharge (min): N/A
8. Sample Time: 0950
9. Parameter/Container/Pres.: **App. III and App. IV CCR Parameters**
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information: FD-4
10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES** | Sampler Name(s): F Li

MW Identification: MNW - 15 | Date/Time: 11/12/25

Sample Number: ~~AA~~ | PID Readings: **N/A**

Weather Conditions: sunny, hot, 80's

Wellhead Inspection: average

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	8.06	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	25.0	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	27.0	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	9000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: odor less	Turbidity: low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN (N/A)
Color: c/l/o			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1550								7.91	START
1555	1000	25.8	4255	289.3	1.86	1.89	3.51	8.10	
1600	2000	25.8	4318	291.9	1.38	0.02	3.50	8.14	
1605	3000	25.7	4349	299.8	1.02	0.02	3.50	8.16	
1610	4000	25.5	4332	304.9	0.88	0.02	3.49	8.17	
1615	5000	25.4	4289	307.7	1.09	0.02	3.48	8.17	
1620	6000	25.5	4310	303.8	1.25	0.02	3.49	8.17	shook flow ce
1625	7000	25.3	4287	302.6	0.61	1.08	3.49	8.17	
1630	8000	25.3	4284	302.4	0.59	0.02	3.49	8.17	
1635	9000	25.2	4268	299.4	0.56	0.02	3.49	8.17	
1635									SAMPLE
1650									Pump off

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1635
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN (N/A)		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	0.07		
Color	colorless		
Odor	odorless		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: MW-15D
Sample Number:
Weather Conditions: cloudy
Wellhead Inspection: average

Sampler Name(s): JMT
Date/Time: 11/4/25
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 6.27
2. Intake Depth (±0.01 ft.) 50.45
3. Bottom of casing (±0.01 ft.) 52.43
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) ~~8000~~
6. Purge Water Characteristics:
   Odor none
   Color none
   Turbidity clear
7. Purge Rate (mL/min) 200
7. Water Level Measuring Equip. geotech
8. Purge Equipment Used peristaltic
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
		±3%	±3%	±10	±10% or <0.5	±10% or <10	±0.1		
1155								6.00	pump start
1155									purge start
1200	1500	24.8	4020	-98.3	0.39	0.07	6.32	6.89	
1205	3000	24.7	3764	-127.0	0.26	0.02	6.37	7.01	
1210	4000	24.6	3758	-140.4	0.21	0.02	6.35	7.09	
1215	5000	24.5	3744	-150.3	0.18	0.02	6.35	7.14	
1220	6000	24.5	3764	-153.0	0.16	0.02	6.33	7.14	
1225	7000	24.6	3768	-155.0	0.16	0.02	6.32	7.20	
1230									sample, test
1245									pump stop

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used peristaltic
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ (N/A)
5. Sample Rate (mL/min) 200
6. Sample Appearance:
   Turbidity clear
   Color none
   Odor none
7. Time to recharge (min): N/A
8. Sample Time: 1230
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s):	F Li
MW Identification:	MNW-18	Date/Time:	11/12/25
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	sunny, calm, 80's		
Wellhead Inspection:	average		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	9.68	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	49.00	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	51.09	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	4	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	7500	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: no odor / Color: colorless	Turbidity: clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1330								10.02	START
1335	500	24.6	3618	-13.0	1.68	0.02	6.89	10.28	
1340	1000	24.2	3771	-76.5	0.52	0.02	6.91	10.46	
1345	1500	24.0	3746	-92.9	0.73	0.02	6.92	10.78	min flow on peri pump
1350	2000	24.3	3752	-98.5	0.45	0.02	6.92	10.93	
1355	2500	24.1	3722	-96.1	0.27	0.02	6.90	11.22	
1400	3000	24.1	3673	-95.4	0.34	0.02	6.90	11.47	
1405	3500	23.6	3574	-93.2	0.32	0.02	6.88	11.72	
1410	4000	24.2	3519	-88.3	0.24	0.02	6.87	11.98	
1415	4500	23.3	3384	-72.4	0.19	0.07	6.84	12.29	
1420	5000	23.8	3329	-60.9	0.19	0.02	6.84	12.57	
1425	5500	23.4	3270	-47.8	0.19	0.02	6.81	12.78	
1430	6000	23.7	3221	-37.7	0.20	0.02	6.81	13.05	
1435	6500	23.4	3193	-28.6	0.16	0.02	6.80	13.30	
1440	7000	23.5	3166	-25.6	0.20	0.02	6.81	13.49	
1445	7500	23.5	3141	-19.4	0.17	0.02	6.80	13.88	
1445									
1515									SAMPLES PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1445
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.	**App. III and App. IV CCR Parameters**
4. Drive Gas (Air/Nitrogen)	AIR/NITROGEN/(N/A)		**Na, Mg, K, Fe, Al, Alkalinity**
5. Sample Rate (mL/min)	100		
6. Sample Appearance:		9. Other Information:	
Turbidity	clear		
Color	no color		
Odor	no odor		

jerk hard up/down side/side to facilitate sliding tubing down hole. Straighten tubing as well.

Peristaltic pump at minimum pumping speed

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	F Li
MW Identification:	AP MW-1S (contingency)	Date/Time:	11/19/25
Sample Number:		PID Readings: N/A	
Weather Conditions:	overcast, calm, 80's		
Wellhead Inspection:	good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	17.58	7. Purge Rate (mL/min)	120
2. Intake Depth (±0.01 ft.)	28.21	7. Water Level Measuring Equip.	Geotech WLM
3. Bottom of casing (±0.01 ft.)	30.21	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	5400	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none	Turbidity: low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0810	—	~~22.9~~	~~7764~~	~~150.9~~	~~8.0~~	~~11.6~~	~~4.28~~	17.49	START
0815	600	22.9	7764	150.9	8.0	11.6	4.28	17.90	
0820	1200	23.0	7797	121.4	3.9	8.94	4.29	17.99	
0825	1800	23.1	7795	64.4	0.23	10.1	4.30	18.03	flow lowered ~120
0830	2400	23.1	7784	29.4	0.20	9.33	4.30	18.05	
0835	3000	23.3	7799	5.0	0.17	11.4	4.31	18.06	
0840	3600	23.3	7809	-28.4	0.16	8.91	4.32	18.07	
0845	4200	23.3	7793	-38.3	0.14	7.48	4.32	18.07	
0850	4800	23.2	7778	-44.0	0.13	7.57	4.33	18.07	
0855	5400	23.2	7761	-45.9	0.12	7.50	4.34	18.07	
0855	—								SAMPLE
0925	—								PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	10. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0855	Alconox/DI Rinse	
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.		11. Instrument type: YSI ProSeries	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)	~~App. III and App. IV CCR Parameters~~		Calibration Date:	
5. Sample Rate (mL/min)	120	~~Na, Mg, K, Fe, Al, Alkalinity~~	ASD	Calibration Time:	
6. Sample Appearance:	good				
Turbidity	low	9. Other Information:			
Color	none				
Odor	none				

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): E. Foley
MW Identification: SFL MW-2		Date/Time: 11-13-25 0945
Sample Number:		PID Readings: N/A
Weather Conditions: Hot, light breeze ~18°C		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	10.60	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	~21.78	7. Water Level Measuring Equip.	meter
3. Bottom of casing (±0.01 ft.)	23.78	8. Purge Equipment Used	peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	6.5	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: NA Turbidity: low		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: NA			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
905	Start	PUMP	—	—	—	—	—	10.59	
907	start	purge	—	—	—	—	—	—	
0910	1.0	23.7	7870	238.9	.30	2.40	6.45	11.14	
0915	2.0	23.7	7966	220.2	.22	0.85	6.45	11.49	
0926	3.0	23.6	7978	211.8	.21	0.72	6.45	11.63	
0925	4.0	23.8	7962	202.3	.17	0.77	6.45	11.73	
0930	5.0	23.8	7984	196.7	0.14	0.02	6.44	11.77	
0935	5.5	23.8	8023	191.8	0.14	0.02	6.44	11.84	
0940	6.0	23.9	8018	188.0	.13	0.02	6.45	11.88	
0945	Sample								
1005	P3 MP	OFF							

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0945
3. Sampling Equip. Used	peri st.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/(N/A)		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:		9. Other Information:	CCR
Turbidity	low		
Color	NA		
Odor	NA		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**	Sampler Name(s):	Foley
MW Identification: SFL MW-2D	Date/Time:	11-19-25 1255
Sample Number:	PID Readings: **N/A**	
Weather Conditions: Clouds/Sun @ 28°C		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	4.71	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	~55.0	7. Water Level Measuring Equip.	~~DTW~~ Geotech meter
3. Bottom of casing (±0.01 ft.)	57.44	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	2in	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	7.0L	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: NA Turbidity	murky but low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: tan-clear			

Time	Volume Purged (L)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~DTW~~ Drawdown	Notes
1207	Start Pump							4.54	
1208	Purge	start	-	-	-	-	-	-	
1210	1.5	24.3	6038	90.9	.42	22.6	5.90	5.70	rr: 225
1215	2.25	24.0	5997	81.3	.16	24.1	5.90	7.97	rr: 200
1220	2.50	24.3	5997	78.5	.24	13.7	5.90	8.84	rr: 150
1225	3.5	24.6	5944	76.0	.41	11.9	5.90	9.69	rr: 100
1230	4.5	24.8	5981	54.5	.35	12.4	5.91	10.80	rr: 115
1235	4.75	24.6	5983	44.2	0.24	8.29	5.92	11.37	rr: 125
1240	5.25	25.2	5954	40.0	.18	7.73	5.93	11.85	rr: 100
1245	5.75	25.5	5964	37.7	.16	7.34	5.94	12.35	rr: 100
1250	6.25	25.5	5977	36.0	.18	8.35	5.94	12.80	
1255	Sample								
1330	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1255
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.	**App. III and App. IV CCR Parameters**
4. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)		**Na, Mg, K, Fe, Al, Alkalinity**
5. Sample Rate (mL/min)	100		
6. Sample Appearance:			
Turbidity	low (7.34)	9. Other Information:	ASD
Color	N/A		
Odor	N/A		

★ Arrived @ 1120, took nearly an hour to set peri tubing.

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

HDR

Facility Name: GCSES
MW Identification: SFL MW-3
Sample Number:
Weather Conditions: Sunny, hot
Wellhead Inspection:

Sampler Name(s): E. Foley
Date/Time: 11-12-25 1520
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 19.16
2. Intake Depth (±0.01 ft.) ~26.30
3. Bottom of casing (±0.01 ft.) 28.36
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 20
6. Purge Water Characteristics:
   Odor NA
   Color NA
   Turbidity low
7. Purge Rate (mL/min) 200
7. Water Level Measuring Equip. Water level
8. Purge Equipment Used Peri
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1436	Pump	on	-	-	-	-	-		
1440	Purge	start	-	-	-	-	-	19.43	
1445	1.5	23.8	6007	294.7	.54	2.48	3.84	19.65	
1450	2.0	23.9	5973	305.5	0.45	3.41	3.85	19.66	
1455	23.0	23.9	5974	315.3	0.39	1.83	3.85	19.67	
1500	4.0	23.9	5997	324.3	0.24	1.17	3.85	19.68	
1505	4.0	23.8	5940	331.7	0.16	0.27	3.85	19.68	
1510	5.0	23.8	5924	335.9	0.14	0.02	3.85	19.69	
1515	6.0	23.7	5902	338.9	0.12	0.02	3.85	19.70	
1520	Sample								
1610	pump	off							

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used Peri
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/(N/A)
5. Sample Rate (mL/min) 200
6. Sample Appearance:
   Turbidity low
   Color Slight Yellow?
   Odor NA
   just the 1.0L nit bottle color
7. Time to recharge (min): NA
8. Sample Time: 1520
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information: CCR

10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

50
÷2
25

dup @ 1545

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	FL
MW Identification:	SFL MW-3D	Date/Time:	11/20/25
Sample Number:		PID Readings: N/A	
Weather Conditions:	overcast, calm, 80's		
Wellhead Inspection:	good		

Visual inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.70	7. Purge Rate (mL/min)	120
2. Intake Depth (±0.01 ft.)	59.18	7. Water Level Measuring Equip.	Geotech WLM
3. Bottom of casing (±0.01 ft.)	61.18	8. Purge Equipment Used	LF Bladder
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	18900	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none Turbidity	~13	12. Drive Gas (Air/Nitrogen)	(AIR) NITROGEN / N/A
Color: none			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0725								20.42	START
0730	700	22.8	5569	-65.4	3.61	1.89	6.67	20.61	
0735	1400	22.8	5597	-64.8	3.83	14.4	6.70	20.59	
0740	2100	22.9	5807	-14.4	1.23	28.4	6.42	20.72	
0745	2700	22.7	5791	-20.5	0.69	35.5	6.42	20.71	
0750	3300	22.8	5809	-27.5	0.41	39.7	6.43	20.72	
0755	3900	22.9	5810	-30.0	0.36	36.8	6.43	20.72	
0800	4500	22.8	5809	-32.2	0.30	35.5	6.43	20.72	
0805	5100	22.8	5797	-33.4	0.28	33.5	6.43	20.73	
0810	5700	22.9	5804	-36.1	0.28	32.5	6.44	20.73	
0815	6300	22.9	5794	-35.9	0.25	32.7	6.44	20.73	
0820	6900	23.0	5800	-36.0	0.23	27.9	6.44	20.74	
0825	7500	23.1	5806	-36.7	0.24	26.6	6.45	20.76	
0830	8100	23.1	5789	-38.3	0.22	24.4	6.45	20.74	
0835	9300	23.0	5748	-45.2	0.20	21.9	6.46	20.91	flow randomly doubled
0840	9900	23.0	5733	-51.0	0.17	20.5	6.48	20.79	flow lowered
0845	10500	23.0	5747	-54.4	0.18	20.4	6.48	20.79	
0850	11100	23.1	5766	-56.4	0.22	18.5	6.48	20.78	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	(Yes) / No	8. Sample Time:	0955
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	(AIR) NITROGEN/ N/A	~~App. III and App. IV CCR~~ Parameters	
5. Sample Rate (mL/min)	120	Na, ~~Mg, K, Fe, Al,~~ Alkalinity	ASH
6. Sample Appearance:	good		
Turbidity	~13	9. Other Information:	
Color	none	collected field filtered	
Odor	none	dissolved metals	

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: GCSES | Sampler Name(s): F L.
MW Identification: SFL MW-3D | Date/Time: 11/20/25
Sample Number: | PID Readings: N/A
Weather Conditions: overcast, calm, 80's
Wellhead Inspection: good

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0855	11700	23.2	5763	-57.6	0.19	17.7	6.48	20.77	
0900	13300	23.2	5760	-57.8	0.20	13.8	6.49	20.76	
0905	12900	23.2	5750	-60.0	0.18	15.6	6.49	20.75	
0910	13500	23.4	5755	-61.4	0.19	15.6	6.50	20.77	
0915	14100	23.4	5744	-64.5	0.19	14.5	6.50	20.77	
0920	14700	23.4	5727	-63.3	0.16	13.5	6.51	20.78	
0925	15300	23.5	5729	-63.2	0.16	13.3	6.51	20.77	
0930	15900	23.7	5748	-62.8	0.19	14.7	6.51	20.77	
0935	16500	23.6	5751	-62.9	0.16	13.6	6.51	20.77	
0940	17100	23.7	5754	-63.9	0.16	13.8	6.52	20.78	
0945	17700	23.7	5745	-65.0	0.14	13.7	6.52	20.78	
0950	18300	23.7	5741	-67.6	0.16	14.1	6.52	20.78	
0955	18900	23.5	5703	-72.0	0.14	13.2	6.53	20.78	
0955									SAMPLE
1035									PUMP OFF

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**	Sampler Name(s): E Foley
MW Identification: SFL MW-4	Date/Time: 11-12-25 1710
Sample Number:	PID Readings: **N/A**
Weather Conditions: dusk/dusty, not	
Wellhead Inspection:	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.16	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	41.00	7. Water Level Measuring Equip.	meter
3. Bottom of casing (±0.01 ft.)	43.08	8. Purge Equipment Used	peri
4. Casing Diameter (inches)	1"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	7.0	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor NA Turbidity	low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color clear			

Time	Volume Purged (~~mL~~) L	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1630	start	PUMP	—	—	—	—	—	16.74	
1632	purge	start	—	—	—	—	—	—	
1635	1.5	23.1	8119	-64.9	0.28	0.21	6.18	17.18	
1640	2.5	23.0	8095	-70.8	.22	0.02	6.19	17.43	
1645	3.5	23.1	8049	-84.2	0.16	0.87	6.19	17.40	
1650	4.5	23.1	8043	-90.4	0.14	0.10	6.19	17.40	
1655	~5.0	23.1	8019	-93.0	0.13	0.02	6.19	17.35	
1700	6.0	22.9	8000	-94.0	0.12	0.02	6.18	17.33	
1705	7.0	22.9	8035	-90.3	0.12	0.94	6.18	17.30	
1710	sample	time							
1730	pump	off							

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1710
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	**App. III and App. IV CCR Parameters**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		**Na, Mg, K, Fe, Al, Alkalinity**
5. Sample Rate (mL/min)	200		
6. Sample Appearance:		9. Other Information:	CCR
Turbidity	low		
Color	clear		
Odor	NA		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

HDR

Facility Name: **GCSES** | Sampler Name(s): EFoley

MW Identification: SFL MW-45 | Date/Time: 11-14-25 0900

Sample Number: | PID Readings: **N/A**

Weather Conditions: Cloudy, humid 23°C

Wellhead Inspection:

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.59	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	~22.0	7. Water Level Measuring Equip.	geotect meter
3. Bottom of casing (±0.01 ft.)	24.25	8. Purge Equipment Used	Peristaltic
4. Casing Diameter (inches)	2in	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	7.0L	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor NA Turbidity	low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color NA			

Time	Volume Purged (~~mL~~)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ WL	Notes
0756	pump	on	-	-	-	-	-	16.50	
0759	purge	starts	-	-	-	-	-	-	WR: 100mL/min
0805	1.50	23.4	11168	256.5	.96	0.02	4.30	16.96	
0810	2.0	23.4	11159	269.9	.68	0.02	4.28	17.18	
0815	2.75	23.6	11122	290.7	.51	0.02	4.26	17.35	
0820	3.50	23.6	11092	308.9	.41	0.02	4.27	17.50	
0825	4.0	23.6	11091	322.8	0.36	0.02	4.25	17.69	
0830	4.5	23.8	11094	330.5	0.37	0.02	4.23	17.78	
0835	5.0	23.8	11109	339.6	0.35	0.02	4.20	17.91	
0840	5.5	23.8	11141	344.5	0.31	0.02	4.21	18.04	
0845	~6.25	23.9	11165	352.8	0.29	0.02	4.19	18.13	
0850	6.50	23.9	11183	353.2	0.28	0.02	4.19	18.25	
0855	7.00	23.9	11180	354.5	0.27	0.02	4.20	18.33	
0900	Sample								
0935	pump	off						19.57	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0900
3. Sampling Equip. Used	Perstalti	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/(N/A)		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:			
Turbidity	low	9. Other Information:	ASD
Color	NA		
Odor	NA		recalibrated turb meter twice, all was 0.02 ntu truly spilt a 1.0L nit, sample collection will take longer

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date: 11/18/25

Calibration Time: 1715

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s): E. Foley
MW Identification: SFE MW-5		Date/Time: 11-12-25 1310
Sample Number:		PID Readings: **N/A**
Weather Conditions: Hot, 21°C		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.33	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	22.40	7. Water Level Measuring Equip.	Meter
3. Bottom of casing (±0.01 ft.)	24.44	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	7.0L	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor NA Turbidity	low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color NA			

Time	Volume Purged [redacted](L)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1222	PUMP	ON	—	—	—	—	—		
1225	Purge	start	—	—	—	—	—	15.93	
1230	1.5	24.5	10565	241.6	0.31	7.20	4.54	16.37	
1235	2.0	24.8	10546	315.6	0.24	7.17	4.51	16.48	
1240	2.75	24.7	10531	321.3	0.21	5.97	4.50	16.55	
1245	3 [redacted]5	24.5	10504	325.0	.16	7.90	4.49	16.70	
1250	4.5	24.6	10472	330.8	.16	1.63	4.50	16.82	
1255	5.0	24.6	10457	335.7	.20	3.32	4.49	16.91	
1300	6.0	24.7	10436	339.7	.25	0.65	4.48	16.95	
1305	6.5	24.6	10415	340.4	.27		4.48	17.02	
1310	SAMPLE								
1330	PUMP	OFF							

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1310
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	**App. III and App. IV CCR Parameters**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		**Na, Mg, K, Fe, Al, Alkalinity**
5. Sample Rate (mL/min)	200		
6. Sample Appearance:		9. Other Information:	CCR
Turbidity	low		
Color	clear		
Odor	NA		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	F Li
MW Identification:		Date/Time:	11/20/25
Sample Number:	SFL MW-5D	PID Readings: N/A	
Weather Conditions:	overcast, calm, 80's		
Wellhead Inspection:	good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	24.8	7. Purge Rate (mL/min)	~75
2. Intake Depth (±0.01 ft.)	64.8	7. Water Level Measuring Equip.	Geotech WLM
3. Bottom of casing (±0.01 ft.)	66.8	8. Purge Equipment Used	LF Bladder
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4800	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none Turbidity: high		12. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color: slightly yellow			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1115								22.75	START
1120	400	27.2	4669	6.2	2.94	6.70	7.39	23.75	
1125	800	26.3	4577	-66.4	1.12	3.60	7.37	23.92	
1130	1200	27.1	4644	-92.3	0.66	28.3	7.36	24.33	
1135	1600	26.8	4634	-98.4	0.48	57.4	7.35	24.89	
1140	2000	26.8	4621	-101.1	0.44	63.3	7.35	25.20	
1145	2400	26.4	4566	-107.3	0.40	55.3	7.35	25.66	
1150	2800	25.6	4474	-108.4	0.36	52.8	7.36	26.17	
1155	3200	25.9	4523	-110.2	0.33	53.1	7.36	26.60	
1200	3600	26.0	4525	-109.0	0.32	49.6	7.36	26.82	
1205	4000	26.6	4557	-106.8	0.34	59.6	7.36	27.16	
1210	4400	27.2	4614	-109.3	0.34	55.6	7.35	27.49	
1215	4800	27.2	4628	-109.8	0.30	51.8	7.35	27.92	
1215									~~SAMPLE~~ Turb not within parameters. Return to sampling
1225		27.3	4703	-110.8	0.36	46.1	7.37	28.65	
1230		27.0	4688	-107.9	0.38	47.7	7.35	29.03	
1235		26.9	4652	-108.5	0.35	46.7	7.35	29.87	
1235									SAMPLE
1345									PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1215
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN/ N/A	~~App. III and App. IV CCR Parameters~~	
5. Sample Rate (mL/min)	~75	~~Na, Mg, K, Fe, Al, Alkalinity~~ ASD	
6. Sample Appearance:	okay		
Turbidity	high	9. Other Information:	Dissolved field filtered metals container collected EB1 collected
Color	slightly yellow		
Odor	none		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: **GCSES** | Sampler Name(s):

MW Identification: SFL MW-5D | Date/Time: 11/20/2025

Sample Number: | PID Readings: **N/A**

Weather Conditions:

Wellhead Inspection:

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1200									EB
1410									PUMP OFF

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**
MW Identification: SFL MW-6
Sample Number:
Weather Conditions: sunny, partly cloudy
Wellhead Inspection: average

Sampler Name(s): IMT
Date/Time: 11/13/25
PID Readings: **N/A**

Visual Inspection:

1. Survey Mark Present: Yes / No
2. Collision/Vandalism Damage: Yes / No
3. Casing Degradation: Yes / No
4. Well Subsidence: Yes / No
5. Standing/Ponded Water: Yes / No
6. Frost Heaving: Yes / No
7. Lock in Place: Yes / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 18.61
2. Intake Depth (±0.01 ft.) 23.10
3. Bottom of casing (±0.01 ft.) 23.26
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 9000
6. Purge Water Characteristics:
   Odor none
   Color none
   Turbidity clear/low
7. Purge Rate (mL/min) 100
7. Water Level Measuring Equip. Geotech
8. Purge Equipment Used Peristaltic Pump
9. Dedicated? (Yes/No) Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

	±3%	±3%	±10	±10%	<10	±0.1		
Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	wl Drawdown	Notes
0925								18.49	pump start
0930									purge start
0935	1000	23.7	23455	291.5	[illegible]	0.02	3.45	19.12	
0940	2000	23.9	23328	232.6	0.61	0.02	3.52	19.43	
0945	2500	24.2	22934	104.1	0.61	0.02	3.66	19.68	
0950	3000	24.3	22207	40.6	0.32	0.02	3.77	19.78	
0955	3500	24.5	22208	51.6	0.48	0.02	3.67	20.03	
1000	4000	24.4	22461	69.1	0.46	0.02	3.58	20.22	
1005	4500	24.5	22704	92.0	0.43	0.02	3.52	20.43	
1010	5000	24.5	22911	109.1	0.41	0.99	3.49	20.74	
1015	6000	24.5	23077	130.8	0.43	0.02	3.45	20.97	
1020	6500	24.6	23357	155.3	0.42	0.24	3.43	21.27	
1025	7000	25.0	23429	175.7	0.42	25.9	3.41	21.59	
1030	7500	25.3	23431	194.2	0.66	42.6	3.41	22.09	
1035	8000	25.4	23334	200.4	0.76	43.7	3.43	22.88	
1040	9000	[illegible] dry							well dry
1415									sample time
1430									stop, Dry

0.3
0.32
0.7
0.59

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used Peristaltic
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min) 100
6. Sample Appearance:
   Turbidity clear/low
   Color none
   Odor none
7. Time to recharge (min): overnight (~8hr)
8. Sample Time: 1415
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: **GCSES**

MW Identification: SFL MW-6

Sample Number:

Weather Conditions:

Wellhead Inspection:

Sampler Name(s):

Date/Time: 11/13/2025

PID Readings: **N/A**

11/14/25

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1625									pump on
1645									pump off, dry
[illegible] 0850									pump on
[illegible] ← 0855									sample start
0900									pump off

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s): E. Foley
MW Identification: SFL MW-6D		Date/Time: 11-19-25 1020
Sample Number:		PID Readings: **N/A**
Weather Conditions: Hot/Sunny 26°C		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	65.79	7. Purge Rate (mL/min)	NA
2. Intake Depth (±0.01 ft.)	76.72 (bailer)	7. Water Level Measuring Equip.	Geotech WL
3. Bottom of casing (±0.01 ft.)	76.72	8. Purge Equipment Used	Bailer
4. Casing Diameter (inches)	2in	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: NA Turbidity	high	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: brown/tan			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1015	.25	23.6	4647	220.2	1.30	17.8	7.06		
1055	Stop bailing								
1020	Sample								

1. Well evacuated to dryness?	(Yes) / No but close	Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1020
3. Sampling Equip. Used	bailer / pari	9: Parameter/Container/Pres.	**App. III and App. IV CCR Parameters**
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		**Na, Mg, K, Fe, Al, Alkalinity**
5. Sample Rate (mL/min)	NA		
6. Sample Appearance:			
Turbidity	High!	9. Other Information:	ASD + field filtered
Color	brown		dis. metals
Odor	NA		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**
MW Identification: SEL MW-7
Sample Number:
Weather Conditions: partly cloudy
Wellhead Inspection: good

Sampler Name(s): JMT
Date/Time: 11/12/25 1500
PID Readings: **N/A**

Visual Inspection:

1. Survey Mark Present: Yes / (No)
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 16.49
2. Intake Depth (±0.01 ft.) 56.00
3. Bottom of casing (±0.01 ft.) 58.32 ? → from May
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 18000
6. Purge Water Characteristics:
   Odor none
   Color clear
   Turbidity clear/low
7. Purge Rate (mL/min) 300
7. Water Level Measuring Equip. geotech
8. Purge Equipment Used peristaltic pump
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
		±3%	±3%	±10mV	±10% or ≤0.5	±10% or <10	±0.1		
1355									
1400									pump start
1405	2000	24.1	6737	-131.5	0.32	0.02	6.38	17.09	purge start
1410	3500	23.8	6743	-138.8	0.24	0.02	6.38	17.26	
1415	5000	23.9	6759	-140.6	0.19	1.88	6.38	17.42	
1420	6500	23.4	7990	-140.4	0.18	0.92	6.29	17.50	
1425	8000	23.7	8432	-145.1	0.16	0.02	6.28	17.55	
1430	9500	23.8	8540	-150.8	0.15	0.02	6.27	17.59	
1435	11000	23.8	8681	-169.3	0.13	0.16	6.27	17.62	
1440	12500	23.7	8731	-176.8	0.13	0.02	6.27	17.65	
1445	14000	23.4	8802	-183.0	0.11	0.02	6.28	17.69	
1450	15500	23.6	8823	-195.5	0.11	0.02	6.28	17.74	
1455	17000	23.8	8840	-200.7	0.11	0.02	6.28	17.72	
1500								17.65	
1510									sample start
									pump stop

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used peristaltic pump
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min) 300
6. Sample Appearance:
   Turbidity clear
   Color clear
   Odor none

7. Time to recharge (min): N/A
8. Sample Time: 1500
9: Parameter/Container/Pres.
App. III and App. IV CCR Parameters
Na, Mg, K, Fe, Al, Alkalinity

9. Other Information:

10. Decontamination Procedures:
Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): F Li
MW Identification:	SFL MW-75	Date/Time: 11/19/25
Sample Number:		PID Readings: N/A
Weather Conditions:	overcast, calm, 80's	
Wellhead Inspection:	good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.09	7. Purge Rate (mL/min)	160
2. Intake Depth (±0.01 ft.)	27.15	7. Water Level Measuring Equip.	Geotech WLM
3. Bottom of casing (±0.01 ft.)	27.15	8. Purge Equipment Used	Peristaltic
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	4700	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none	Turbidity: low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN (N/A)
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0955								16.00	START
1000	750	23.8	14704	69.3	0.56	2.74	5.62	16.08	
1005	1500	24.1	14292	-0.2	0.26	2.12	5.62	16.10	
1010	2300	24.1	14277	7.4	0.17	0.96	5.61	16.10	
1015	3100	24.4	14337	9.6	0.15	~~1.0~~ 1.10	5.62	16.11	
1020	3900	25.0	14080	11.2	0.13	0.34	5.64	16.11	
1025	4700	24.6	13578	9.7	0.15	0.51	5.68	16.11	
1025									SAMPLE
1055 ~~1005~~									DUP
1115									PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1025
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)	~~App. III and App. IV CCR~~ Parameters	
5. Sample Rate (mL/min)	160	~~Na, Mg, K, Fe, Al, Alkalinity~~ ASIS	
6. Sample Appearance:	good		
Turbidity	low	9. Other Information:	
Color	clear	FD2 taken at 1055	
Odor	none		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: SFL MW-85
Sample Number:
Weather Conditions: cloudy
Wellhead Inspection: average

Sampler Name(s): EMT
Date/Time: 11/19/25
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 12.00
2. Intake Depth (±0.01 ft.) 21.01
3. Bottom of casing (±0.01 ft.) 23.01
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 6500
6. Purge Water Characteristics:
   Odor none
   Color none
   Turbidity clear
7. Purge Rate (mL/min) 100
7. Water Level Measuring Equip. Geotech
8. Purge Equipment Used peristaltic
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±3%	ORP (mV) ±10	D.O. (mg/L) ±10% <0.5	Turbidity (NTU) ±10% <10	pH ±0.1	Drawdown	Notes
0800									
0805									
0810									pump start
0815	1000	23.6	5033	78.0				12.19	purge start
0820	2000	23.7	5044	103.2	0.64	23.8	3.80	12.35	
0825	2500	23.8	5042	108.7	0.35	10.8	3.73	12.44	
0830	3000	23.9	5036	95.7	0.31	8.5	3.73	12.35	
0835	3500	23.9	5033	106.7	0.31	6.02	3.75	12.31	
0840	4000	23.9	5024	117.4	0.25	3.30	3.75	12.31	
0845	4500	24.0	5028	126.7	0.28	1.00	3.73	12.32	
0850	5000	24.0	5025	136.8	6.24	0.02	3.73	12.32	
0855	5500	24.0	5023	143.6	0.21	0.02	3.72	12.31	
0900	6000	24.0	5021	145.3	0.21	0.02	3.72	12.31	
0930					0.21	0.02	3.72	12.32	
1205									sample start
									pump time
									pump stop

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used peristaltic
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ (N/A)
5. Sample Rate (mL/min) 100
6. Sample Appearance:
   Turbidity clear
   Color none
   Odor none
7. Time to recharge (min): N/A
8. Sample Time: 0900
9: Parameter/Container/Pres.
App. III and App. IV CCR Parameters
Na, Mg, K, Fe, Al, Alkalinity
9. Other Information: FD-1
10. Decontamination Procedures:
Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**
MW Identification: SFL MW-8D
Sample Number:
Weather Conditions: partly cloudy
Wellhead Inspection:
Sampler Name(s): IMT
Date/Time: 11/19/25
PID Readings: **N/A**

Visual Inspection:

1. Survey Mark Present: Yes / No
2. Collision/Vandalism Damage: Yes / No
3. Casing Degradation: Yes / No
4. Well Subsidence: Yes / No
5. Standing/Ponded Water: Yes / No
6. Frost Heaving: Yes / No
7. Lock in Place: Yes / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 10.33
2. Intake Depth (±0.01 ft.) 44.66
3. Bottom of casing (±0.01 ft.) 46.66
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 5000
6. Purge Water Characteristics:
   Odor none
   Color none
   Turbidity clear
7. Purge Rate (mL/min) 100
7. Water Level Measuring Equip. geotech
8. Purge Equipment Used peristaltic
9. Dedicated? (Yes/No) Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1020									
1025									
1030								10.32	pump start
1035	1000	23.9	2300	-128.3	0.57	17.5	6.56	[illegible]	purge start
1040	2500	23.7	2197	-152.2	0.40	4.86	6.51	11.98	
1045	3000	24.3	2153	-153.1	0.32	0.82	6.52	12.48	
1050	3500	24.6	2115	-153.4	0.29	0.02	6.53	12.33	
1055	4000	23.9	2139	-161.9	0.25	0.02	6.53	12.23	
1100	4500	23.9	2140	-162.6	0.20	0.02	6.53	12.42	
1120								12.70	
									sample time
									pump stop

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used peristaltic
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min) 100
6. Sample Appearance:
   Turbidity clear
   Color none
   Odor none
7. Time to recharge (min): N/A
8. Sample Time: 1100
9: Parameter/Container/Pres.
App. III and App. IV CCR Parameters
Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**

MW Identification: SSP MW-2 — Sampler Name(s): JMT

Sample Number: — Date/Time: 11/12/25 1105

Weather Conditions: Sunny — PID Readings: **N/A**

Wellhead Inspection: average

Visual Inspection:

1. Survey Mark Present: Yes / No
2. Collision/Vandalism Damage: Yes / No
3. Casing Degradation: Yes / No
4. Well Subsidence: Yes / No
5. Standing/Ponded Water: Yes / No
6. Frost Heaving: Yes / No
7. Lock in Place: Yes / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]): 25.46
2. Intake Depth (±0.01 ft.): 45.07
3. Bottom of casing (±0.01 ft.): 47.07
4. Casing Diameter (inches): 2
5. Actual Volume of Water Purged (mL): 8000
6. Purge Water Characteristics:
   - Odor: none
   - Color: clear
   - Turbidity: low/clear ✓
7. Purge Rate (mL/min): 100
7. Water Level Measuring Equip.: Geotech
8. Purge Equipment Used: Peristaltic PUMP
9. Dedicated? (Yes/No): Yes / No
10. Immiscibility layer?: Yes / No
11. Thickness of immiscible layer: N/A
12. Drive Gas (Air/Nitrogen): AIR / NITROGEN (N/A)

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±10	ORP (mV) ±10	D.O. (mg/L) <10 ±10% <0.5	Turbidity (NTU)	pH	Water Level ~~Drawdown~~	Notes
1005									
1010								25.24	PUMP start
1015	2000	22.2	9291	37.7	1.23	10.3	4.96	27.77	Purge start
1020	3000	22.3	8635	107.4	1.71	3.93	4.70	28.68	
1025	3500	22.4	8601	131.7	1.63	17.7	4.68	28.14	
1030	4000	22.5	8725	127.4	1.50	1.73	4.71	29.40	
1035	5000	22.8	8841	107.9	1.37	0.22	4.75	29.52	
1040	5500	229	8922	88.3	1.22	0.76	4.75	29.59	
1045	60000	23.0	8993	76.6	1.15	0.03	4.77	29.69	
1050	6500	22.9	8989	65.6	1.17	0.02	4.78	29.73	
1055	7000	23.1	8974	57.6	1.17	0.02	4.78	29.79	
1100	7500	23.1	8952	58.1	1.15	0.07	4.78	29.81	
1105									Sample start
1145									pump off

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used: Peristaltic
4. Drive Gas (Air/Nitrogen): AIR /NITROGEN/ N/A
5. Sample Rate (mL/min): 100
6. Sample Appearance:
   - Turbidity: clear/low
   - Color: none
   - Odor: none
7. Time to recharge (min): N/A
8. Sample Time: 1105
9. Parameter/Container/Pres.: **App. III and App. IV CCR Parameters**
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): C. Foley
MW Identification: SSP MW-2D		Date/Time: 11-17-25 1425
Sample Number:		PID Readings: N/A
Weather Conditions: Sample @ dusk / no light		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	24.13	7. Purge Rate (mL/min)	100, 150
2. Intake Depth (±0.01 ft.)	~61.00	7. Water Level Measuring Equip.	geotech meter
3. Bottom of casing (±0.01 ft.)	63.25	8. Purge Equipment Used	low flow bladder
4. Casing Diameter (inches)	2 in	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	23.5	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:	highest:	11. Thickness of immiscible layer	NA
Odor NA Turbidity	85.8	12. Drive Gas (Air/Nitrogen)	(AIR) / NITROGEN / N/A
Color cloudy, grey			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~WL~~ Drawdown	Notes
1103	start	PUMP	-	-	-	-	-	22.0	
* 1120	start	purge	-	-	-	-	-	23.21	
1125	~1.0	23.7	8924	-155.0	0.62	0.33	5.82	23.85	100 F.R.
1130	1.0	23.7	8521	-149.6	1.75	61.5	5.83	24.77	
1135	1.5	24.0	9066	-161.2	.56	85.8	5.80	25.31	
1140	2.0	24.3	9087	-165.7	.36	62.7	5.81	25.61	
1145	2.5	24.3	9067	-170.0	.29	40.3	5.81	25.89	
1150	3.5	23.7	9075	-173.3	.27	42.2	5.81	26.28	
1155	3.75	24.3	8985	-177.9	.25	27.3	5.81	26.40	
1200	4.0	23.9	9069	-184.9	.25	24.7	5.81	26.55	
1205	4.5	24.1	9029	-186.2	.23	28.1	5.81	26.75	
1210	~4.75	24.3	9057	-190.7	.22	32.8	5.80	26.81	
1215	5.25	24.3	9051	-194.7	.21	31.3	5.80	26.91	
1220	5.5	24.4	9053	-198.8	.21	33.1	5.80	26.95	
1225	6.0	24.4	9001	-202.1	.20	33.9	5.80	26.97	
1230	6.5	24.4	9004	-206.5	.20	36.0	5.80	27.04	
1235	7.0	24.5	9050	-210.2	.21	35.2	5.80	27.10	
1240	7.25	24.6	9027	-212.7	.20	35.1	5.80	27.16	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	NA
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1425
3. Sampling Equip. Used	low flow bladder	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	(AIR) /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:			
Turbidity	low	9. Other Information:	ASD, 3hrs to stable below 10 NTU
Color	NA, clear		
Odor	NA		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: GCSES | Sampler Name(s): C. Foley
MW Identification: | Date/Time: 11-17-25 1425
Sample Number: SSP MW-2D | PID Readings: N/A
Weather Conditions:
Wellhead Inspection:

Time	Volume Purged (L)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1245	7.5	24.7	9062	-215.8	0.20	37.5	5.80	27.16	
1250	~8.25	23.2	9011	-218.0	.19	38.8	5.80	27.54	150 F.T.
1255	9.0	23.2	9018	-178.9	1.21	42.7	5.82	28.18	
1300	9.75	23.7	9017	-211.4	.51	38.6	5.80	28.62	
1305	10.50	23.1	8917	-221.6	.40	42.5	5.80	28.97	
1310	11.25	23.0	8856	-222.4	.36	31.9	5.81	29.22	
1315	12.00	23.1	8864	-225.6	.31	27.7	5.81	29.36	
1320	12.25	23.1	8880	-227.1	.28	28.2	5.81	29.54	
1325	13.50	23.1	8788	-228.3	.19	18.2	5.80	29.82	
1330	14.50	23.1	8737	-225.6	.24	17.6	5.80	29.81	
1335	15.00	23.1	8999	-228.8	.22	12.8	5.80	30.05	
1340	16.00	23.1	9016	-231.1	.19	14.4	5.80	30.08	
1345	17.00	23.1	9011	-231.8	.16	12.4	5.80	30.26	
1350	17.50	23.1	8996	-233.0	.14	11.4	5.80	30.39	
1355	18.25	23.0	9010	-233.3	.13	11.0	5.80	30.50	
1400	19.50	23.2	8983	-235.1	.12	10.9	5.80	30.52	
1405	20.00	23.0	8990	-234.5	.13	10.4	5.80	30.59	
1410	20.75	23.2	9008	-236.0	.12	9.80	5.80	30.65	
1425	21.5	23.0	8994	-236.7	.12	9.44	5.80	30.81	
1420	23.0	23.0	9023	-237.3	0.12	6.25	5.80	30.75	
1425	Sample								
1450	pump	off							

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES** | Sampler Name(s): F Li

MW Identification: SSP MW-3 | Date/Time: 11/13/25

Sample Number: | PID Readings: **N/A**

Weather Conditions: hot, clear calm 80's

Wellhead Inspection: average

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]): 29.39
2. Intake Depth (±0.01 ft.): 46.00
3. Bottom of casing (±0.01 ft.): 48.36
4. Casing Diameter (inches): 2"
5. Actual Volume of Water Purged (mL): 15500
6. Purge Water Characteristics:
   - Odor: none
   - Color: clear
   - Turbidity: low
7. Purge Rate (mL/min): 100
7. Water Level Measuring Equip.: Geotech
8. Purge Equipment Used: LF Bladder
9. Dedicated? (Yes/No): Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer: —
12. Drive Gas (Air/Nitrogen): (AIR) / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0935								29.02	START
0940	1000	24.2	5744	147.9	0.87	25.2	5.12	29.50	
0945	1500	24.5	6626	178.8	0.59	24.1	4.45	29.60	
0950	2000	23.8	6721	174.9	0.36	28.0	4.40	29.80	
0955	2500	24.1	6697	178.3	0.27	28.8	4.43	29.82	
1000	3000	24.2	6685	182.1	0.25	25.6	4.41	29.82	
1005	3500	24.2	6680	192.2	0.24	26.7	4.37	29.85	
1010	4000	25.1	6742	210.7	0.23	23.1	4.36	29.85	lowered flow slight
1015	4500	25.8	6833	219.8	0.26	26.1	4.35	29.72	
1020	5000	25.9	6824	228.4	0.35	27.2	4.34	29.75	
1025	5500	25.4	6757	228.9	0.29	23.5	4.33	29.76	
1030	6000	25.5	6709	230.8	0.26	23.1	4.32	29.76	
1035	6500	25.9	6723	228.4	0.25	18.8	4.33	29.77	
1040	7000	25.6	6786	225.5	0.25	14.2	4.32	29.78	
1045	7500	24.6	6587	210.5	0.28	17.1	4.32	29.80	
1050	8000	25.0	6613	208.0	0.37	16.3	4.33	29.80	
1050	8500	25.5	6724	229.8	0.49	41.8	4.33	29.80	
1100	9000	25.7	6964	246.8	0.18	26.6	4.27	29.80	

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used: LF Bladder
4. Drive Gas (Air/Nitrogen): (AIR)/NITROGEN/ N/A
5. Sample Rate (mL/min): ~100
6. Sample Appearance:
   - Turbidity: low
   - Color: none
   - Odor: none
7. Time to recharge (min): N/A
8. Sample Time: 1205
9: Parameter/Container/Pres.: **App. III and App. IV CCR Parameters**; **Na, Mg, K, Fe, Al, Alkalinity**
9. Other Information: 25F/6D; 6B1 collected
10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH	**See attached calibration documentation**		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: GCSES
MW Identification: SSP MW-3
Sample Number:
Weather Conditions: hot clear 80's
Wellhead Inspection: average
Sampler Name(s): F LI
Date/Time: 11/13/25
PID Readings: N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1105	9500	24.8	6774	235.1	0.16	15.3	4.26	29.80	
1110	10000	25.0	6781	244.8	0.15	14.6	4.26	29.80	
1115	10500	25.7	6819	257.7	0.15	12.3	4.27	29.80	
1120	11000	24.8	6767	257.3	0.18	19.4	4.26	29.81	
1125	11500	25.3	6770	263.0	0.17	11.6	4.26	29.81	
1130	12000	25.2	6710	260.5	0.16	11.4	4.26	29.81	
1135	12500	25.4	6899	266.6	0.18	11.0	4.26	29.81	
1140	13000	25.6	6859	273.6	0.25	10.6	4.26	29.81	
1145	13500	26.8	7091	292.0	0.13	10.3	4.25	29.81	
1150	14000	27.0	7160	295.0	0.21	10.3	4.24	29.81	
1155	14500	27.0	~~7161~~ 7136	295.6	0.30	9.95	4.24	29.81	
1200	15000	27.2	7095	296.8	0.19	9.78	4.24	29.81	
1205	15500	27.2	7037	297.1	0.39	9.49	4.24	29.81	
1205									SAMPLE
1300									PUMP OFF
1325									SAMPLE EB1
1332									PUMP OFF

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: SSP MW-30
Sample Number:
Weather Conditions: Hot, 23°C
Wellhead Inspection:

Sampler Name(s):
Date/Time: 11-17-25 0945
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: Yes / No
2. Collision/Vandalism Damage: Yes / No
3. Casing Degradation: Yes / No
4. Well Subsidence: Yes / No
5. Standing/Ponded Water: Yes / No
6. Frost Heaving: Yes / No
7. Lock in Place: Yes / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 29.66
2. Intake Depth (±0.01 ft.) 258.00
3. Bottom of casing (±0.01 ft.) 60.15
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 4.5
6. Purge Water Characteristics:
   Odor NA
   Color NA
   Turbidity low, above lo
7. Purge Rate (mL/min) 125
7. Water Level Measuring Equip. Geotech water
8. Purge Equipment Used low flow bladd,
9. Dedicated? (Yes/No) Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
905	Pump on							28.07	
0907	Purge	Start							
0910	-	23.5	6780	196.5	4.66	5.57	4.84	29.71	
0915	1.0	23.2	6766	189.7	3.07	10.6	4.78	30.30	150 flow rate
0920	2.0	23.3	6723	181.2	3.38	10.3	4.78	30.50	
0925	2.5	23.4	6705	181.1	3.22	11.3	4.78	30.63	125 flow rate
0930	3.0	23.7	6666	182.6	2.97	7.87	4.77	30.51	
0935	3.5	24.0	6633	187.1	2.90	7.98	4.76	30.47	
0940	4.0	24.0	6612	189.4	2.79	9.16	4.76	30.41	
0945	Sample								
1015	Stop	pump							

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used low flow bladd.
4. Drive Gas (Air/Nitrogen) AIR/NITROGEN/ N/A
5. Sample Rate (mL/min) 125
6. Sample Appearance:
   Turbidity low
   Color NA
   Odor NA
7. Time to recharge (min): NA
8. Sample Time: 0945
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
   Sampled for ASD, no diss. met. collected

EB 2 : 1030

10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES** | Sampler Name(s): F Li

MW Identification: SSP MW-4 | Date/Time: 11/13/25

Sample Number: | PID Readings: **N/A**

Weather Conditions: hot partly cloudy light breeze 80's

Wellhead Inspection: good

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / No
2. Collision/Vandalism Damage:	Yes / No	6. Frost Heaving:	Yes / No
3. Casing Degradation:	Yes / No	7. Lock in Place:	Yes / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	25.55	7. Purge Rate (mL/min)	50
2. Intake Depth (±0.01 ft.)	49.50	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	51.58	8. Purge Equipment Used	~~Peristaltic~~ LF Bladder
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	2900	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none Turbidity	low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1410								24.06	START
1415		8							NO WATER
1420	—	31.2	5100	156.7	5.68		6.73	24.74	
1425	200	31.8	5337	101.1	5.02	9.05	6.49	24.82	
1430	400	30.6	5499	89.0	7.22	12.0	6.27	25.30	
1435	650	27.8	5386	73.7	1.50	17.2	6.04	25.71	50mL/min
1440	900	27.9	5409	62.7	1.99	15.2	6.05	26.03	
1445	1150	28.3	5421	54.4	2.23	13.5	6.05	26.40	
1450	1400	28.1	5377	46.1	1.69	11.7	6.06	26.69	
1455	1650	28.2	5388	40.3	1.69	10.5	6.06	26.99	
1500	1900	28.4	5390	34.0	0.60	14.2	6.05	27.12	
1505	2150	28.4	5480	30.3	0.83	10.5	6.06	27.37	
1510	2400	27.8	5407	25.4	0.85	7.76	6.06	27.53	
1515	2650	27.5	5376	24.2	0.86	6.71	6.08	27.81	
1520	2900	27.9	5435	18.1	0.91	8.07	6.08	28.03	
1520									SAMPLE
1710									PUMP OFF

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / No	8. Sample Time:	1520
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	**App. III and App. IV CCR Parameters**
4. Drive Gas (Air/Nitrogen)	AIR / NITROGEN/ N/A		**Na, Mg, K, Fe, Al, Alkalinity**
5. Sample Rate (mL/min)	50		
6. Sample Appearance:	good	9. Other Information:	
Turbidity	low		
Color	clear		
Odor	none		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s): FL
MW Identification: SSP MW-45		Date/Time: 11/17/25
Sample Number:		PID Readings: **N/A**
Weather Conditions: overcast, 80's, calm		
Wellhead Inspection: good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	26.42	7. Purge Rate (mL/min)	
2. Intake Depth (±0.01 ft.)	35.00	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	37.08	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	5500	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none Turbidity: low		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0855								26.52	START
0900	750	23.6	4906	248.2	0.57	4.24	3.62	26.78	
0905	1500	23.5	4903	252.8	0.29	4.54	3.62	26.82	
0910	2000	23.5	4904	258.8	0.20	1.73	3.62	26.83	Flow lowered ~100
0915	2500	23.8	4911	265.9	0.27	2.11	3.62	26.83	
0920	3000	23.9	4917	269.6	0.19	1.73	3.62	26.83	
0925	3500	23.9	4925	275.3	0.18	3.25	3.62	26.82	
0930	4000	24.0	4924	288.8	0.18	3.61	3.61	26.83	
0935	4500	24.1	4944	305.6	0.18	1.51	3.60	26.83	
0940	5000	24.2	4944	307.9	0.18	3.00	3.60	26.83	
0945	5500	24.1	4946	309.5	0.17	3.07	3.60	26.83	
0945									SAMPLE
1015									DUPLICATE
1040									PUMP OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	10. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0945	**Alconox/DI Rinse**	
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.		11. Instrument type: **YSI ProSeries**	
4. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A	~~App. III and App. IV CCR Parameters~~		Calibration Date:	
5. Sample Rate (mL/min)	100	~~Na, Mg, K, Fe, Al, Alkalinity~~ ASD		Calibration Time:	
6. Sample Appearance:	good	Background Sampling			
Turbidity	low	9. Other Information:			
Color	clear	FD3 taken			
Odor	none				

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s):	E L
MW Identification:	SSP MW-55	Date/Time:	11/17
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	Mostly Cloudy, calm, 80's		
Wellhead Inspection:	good		

Visual inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.95	7. Purge Rate (mL/min)	120
2. Intake Depth (±0.01 ft.)	41.15	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	43.19	8. Purge Equipment Used	peristaltic
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	12000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: none Turbidity: low		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)
Color: clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1130								20.54	
1135	750	25.0	7817	3.8	0.91	470	6.01	20.83	
1140	1500	25.0	7740	-5.9	0.72	873	5.99	20.85	
1145	2250	24.7	7566	-8.7	0.64	420	5.92	20.89	
1150	3000	24.3	7166	7.4	0.63	443	5.74	20.96	
1155	3600	24.8	6925	30.3	0.63	66.3	557	20.97	flow reduced ~ 125mL/min
1200	4200	24.8	6672	62.1	0.64	32.9	5.36	20.98	
1205	4800	24.7	6541	90.6	0.62	19.8	5.24	21.02	
1210	5400	24.6	6444	103.8	0.60	16.5	5.18	21.05	
1215	6000	24.5	6373	110.7	057	11.6	5.16	21.07	lowered flow little ~ 12
1220	6600	25.1	6380	112.1	0.53	20.1	5.17	21.07	
1225	7200	24.9	6452	110.2	0.51	46.0	5.16	21.07	
1230	7800	25.0	6436	111.8	0.30	10.1	5.15	21.08	
1235	8400	24.9	6393	112.6	0.28	9.69	5.15	21.08	
1240	9000	25.1	6410	114.5	0.27	12.0	5.15	21.08	
1245	9600	25.1	6391	115.2	0.27	4.17	5.14	21.08	
1250	10200	25.0	6373	114.6	0.28	10.4	5.14	21.09	
1255	10800	24.9	6359	116.9	0.27	8.34	5.14	21.09	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1305
3. Sampling Equip. Used	peristaltic	9: Parameter/Container/Pres.	~~App. III and App. IV CCR Parameters~~
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ (N/A)		~~Na, Mg, K, Fe, Al, Alkalinity~~ ASD
5. Sample Rate (mL/min)	120		
6. Sample Appearance:	good		
Turbidity	low	9. Other Information:	
Color	none		
Odor	none		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: **GCSES**		Sampler Name(s):	F L
MW Identification:	SSP MW-55	Date/Time:	11/17/25
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	Mostly cloudy, hot, calm 80's		
Wellhead Inspection:	good		

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1300	11400	25.2	6360	117.1	0.28	8.16	5.14	21.09	
1305	12000	25.3	6486	118.4	0.21	4.40	5.13	21.09	
1305									SAMPLE
1335									PUMP OFF

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): EFoley
MW Identification: SSP MW-5D		Date/Time: 11-17-25/ 1710
Sample Number:		PID Readings: N/A
Weather Conditions: DUSR @ sample, 20°		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	24.01	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	~61.0	7. Water Level Measuring Equip.	Geotech meter
3. Bottom of casing (±0.01 ft.)	63.20	8. Purge Equipment Used	I.F. Bladder
4. Casing Diameter (inches)	2.0	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	15.250	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor NA Turbidity	low, above 10	12. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN / N/A
Color NA			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ WL	Notes
1520	Start pump	-	-	-	-	-	-	23.47	
1523	Start purge	-	-	-	-	-	-	-	
1525	-	23.5	4293	-152.1	2.51	14.0	7.01	24.22	150 FR
1530	1.25	24.1	4413	-178.3	.45	16.3	6.81	24.50	
1535	2.0	24.1	4413	-182.6	.62	15.8	6.81	24.69	
1540	2.5	23.8	4406	-184.3	.56	18.5	6.82	24.83	
1545	3.25	23.7	4396	-189.1	.49	17.4	6.82	24.89	
1550	4.00	23.7	4385	-200.8	.47	15.2	6.83	25.00	
1555	4.75	23.8	4376	-210.7	.48	15.3	6.84	25.15	
1600	5.250	23.7	4369	-218.1	.48	14.0	6.85	25.26	
1605	6.0	23.9	4372	-222.6	.47	13.5	6.85	25.32	
1610	6.75	23.8	4371	-226.4	.47	13.5	6.85	25.41	
1615	7.50	23.7	4377	-229.2	.48	12.4	6.85	25.42	
1620	~8.0	23.6	4387	-231.6	.48	13.5	6.86	25.53	
1625	8.5	23.5	4387	-233.9	.47	14.6	6.85	25.55	
1630	9.5	23.6	4390	-235.5	.46	15.7	6.86	25.65	
1635	10.5	23.5	4386	-236.8	.46	16.7	6.86	25.65	
1640	11.0	23.3	4389	-237.7	.44	14.4	6.86	25.70	

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	NA
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1710
3. Sampling Equip. Used	LF Bladder	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	(AIR)/NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:			
Turbidity	10 <20 ~~above 10~~ <20	9. Other Information:	ASD + FF diss. metals
Color	Clear		
Odor	N/A		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date: /

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: GCSES
MW Identification: SSP MW-5D
Sample Number:
Weather Conditions:
Wellhead Inspection:

Sampler Name(s): E. Foley
Date/Time: 11-17-25 1710
PID Readings: N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1645	11.5	23.3	4391	-238.9	.43	17.7	6.86	25.77	
1650	12.5	23.3	4380	-238.8	.42	17.7	6.86	25.86	
1655	13.0	23.3	4398	-238.3	.43	17.9	6.86	25.87	
~~1700~~	13.75	23.1	4394	-239.3	.42	17.1	6.86	25.90	
1705	14.5	23.2	4394	-240.3	.44	17.2	6.86	26.00	
1710	Sample								
1740	pump	~~off~~							

0810 onsite
1810 offsite

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**

MW Identification: SSP MW-65

Sample Number:

Weather Conditions: partly cloudy

Wellhead Inspection: average

Sampler Name(s): JMT

Date/Time: 11/17/23

PID Readings: **N/A**

Visual Inspection:

1. Survey Mark Present: Yes / No
2. Collision/Vandalism Damage: Yes / No
3. Casing Degradation: Yes / No
4. Well Subsidence: Yes / No
5. Standing/Ponded Water: Yes / No
6. Frost Heaving: Yes / No
7. Lock in Place: Yes / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 8.59
2. Intake Depth (±0.01 ft.) 32.84
3. Bottom of casing (±0.01 ft.) 34.84
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 15000
6. Purge Water Characteristics:
   - Odor: none
   - Color: yellowish
   - Turbidity: low
7. Purge Rate (mL/min): 200
7. Water Level Measuring Equip.: Solinst
8. Purge Equipment Used: Peristaltic
9. Dedicated? (Yes/No): Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer: N/A
12. Drive Gas (Air/Nitrogen): AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±3%	ORP (mV) ±10	D.O. (mg/L) ±10% or <0.5	Turbidity (NTU) ±10% or <10	pH 0.1	Drawdown WL	Notes
1200									
1202									
1205	1000	24.3	6706	-12.7	1.08	190	5.21	8.44	pump start / purge start
1210	2000	23.9	6674	-83.1	0.36	78.8	5.21	9.02	
1215	3000	23.8	6725	-116.9	0.22	55.5	5.16	9.09	
1220	4000	23.8	6781	-133.7	0.20	41.9	5.13	9.20	
1225	5000	23.8	6820	-161.1	0.18	29.4	5.10	9.32	
1230	6000	23.8	6827	-176.7	0.16	26.3	5.09	9.34	
1235	7000	23.7	6855	-187.8	0.15	21.6	5.08	9.38	
1240	8000	23.7	6888	-199.0	0.15	19.0	5.07	9.41	
1245	9000	23.6	6893	-210.2	0.13	16.4	5.07	9.45	
1250	10000	23.7	6925	-215.9	0.13	14.1	5.05	9.47	
1255	11000	23.7	6955	-218.5	0.13	10.7	5.03	9.50	
1300	12000	23.7	6983	-226.9	0.13	4.99	5.02	9.52	
1305	13000	23.7	6983	-226.3	0.12	5.30	5.02	9.53	
1310	14000	23.5	6998	-224.3	0.12	4.67	5.01	9.56	
1315									
1325									sample time / pump stop

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used: peristaltic
4. Drive Gas (Air/Nitrogen): AIR /NITROGEN/ N/A
5. Sample Rate (mL/min): 200
6. Sample Appearance:
   - Turbidity: clear
   - Color: none
   - Odor: none
7. Time to recharge (min): N/A
8. Sample Time: 1315
9. Parameter/Container/Pres.: **App. III and App. IV CCR Parameters**
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**
MW Identification: SSP MW-6D
Sample Number:
Weather Conditions: partly cloudy
Wellhead Inspection: average

Sampler Name(s): JMT
Date/Time: 7/17/25
PID Readings: **N/A**

Visual Inspection:

1. Survey Mark Present: Yes / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 8.00
2. Intake Depth (±0.01 ft.) 51.59
3. Bottom of casing (±0.01 ft.) 53.59
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 4000
6. Purge Water Characteristics:
   Odor none
   Color none
   Turbidity clear
7. Purge Rate (mL/min) 200
7. Water Level Measuring Equip. geotech
8. Purge Equipment Used peristaltic
9. Dedicated? (Yes/No) Yes (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer N/A
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C) ±3%	Conductivity (µs/cm) ±3%	ORP (mV) ±10	D.O. (mg/L) ±10% <0.5	Turbidity (NTU) ±10% <10	pH ±0.1	~~Drawdown~~ WL	Notes
1400								7.74	pump start
1405									purge start
1410	2000	24.0	5195	-250.2	0.38	0.02	6.36	10.84	
1415	4000	24.5	5187	-260.6	0.25	0.02	6.36	12.33	
1420	5000	24.4	5206	-262.1	0.22	0.02	6.36	13.43	
1425	6000	24.4	5201	-269.0	0.20	0.02	6.35	13.26	
1430	7000	24.3	5197	-270.0	0.20	0.02	6.35	15.84	
1435	8000	24.3	5196	-272.2	0.18	0.02	6.35	11.08	
1440									sample time
1500									pump stop

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used peristaltic
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ (N/A)
5. Sample Rate (mL/min) 200
6. Sample Appearance:
   Turbidity clear
   Color none
   Odor none

7. Time to recharge (min): N/A
8. Sample Time: 1410
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:

10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: **YSI ProSeries**
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s):	F L
MW Identification:	SSP/AP MW-1	Date/Time:	11/12/25
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	calm, sunny, 80's		
Wellhead Inspection:	Average		

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / No	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	10.19	7. Purge Rate (mL/min)	120
2. Intake Depth (±0.01 ft.)	41.00	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	43.22	8. Purge Equipment Used	Peristaltic
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	12750	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	—
Odor: None / Color: clear	Turbidity: clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / (N/A)

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0950									START PUMP
0955	1250	23.0	8714	74.1	6.04	1.94	5.62	11.37	
1000	2500	23.0	8650	65.6	5.80	6.26	5.63	12.44	flow reduced
1005	3500	23.2	8685	59.6	1.50	4.15	5.61	12.86	
1010	4500	23.1	8627	55.3	3.72	3.96	5.63	13.36	flow reduced
1015	5250	23.4	8736	61.1	4.03	3.77	5.65	13.31	
1020	6000	23.5	8768	65.9	3.75	2.30	5.66	13.36	
1025	6750	23.5	8728	65.8	4.29	2.31	5.65	13.45	
1030	7500	23.5	8753	64.2	3.40	6.76	5.65	13.58	
1035	8250	23.5	8753	61.6	3.70	9.71	5.62	13.68	
1040	9000	23.5	8841	60.3	5.38	5.13	5.62	13.76	
1045	9750	23.6	8840	54.8	4.76	5.22	5.61	13.86	
1050	10350	23.6	8860	53.7	5.10	5.71	5.61	13.91	flow reduced
1055	10950	23.8	8903	52.1	1.40	1.69	5.60	13.87	
1100	11550	23.8	8860	46.6	1.34	2.62	5.61	13.87	
1105	12150	23.8	8746	41.9	1.28	8.84	5.59	13.87	
1110	12750	23.9	8719	38.3	1.29	2.95	5.59	13.88	
1110									SAMPLE
1145									Pump OFF

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	N/A	10. Decontamination Procedures:	Alconox/DI Rinse
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1110	11. Instrument type: **YSI ProSeries**	
3. Sampling Equip. Used	Peristaltic	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters	Calibration Date:	
4. Drive Gas (Air/Nitrogen)	AIR/NITROGEN/(N/A)		Na, Mg, K, Fe, Al, Alkalinity	Calibration Time:	
5. Sample Rate (mL/min)	120				
6. Sample Appearance:	good	9. Other Information:		Stnd. / Reading / Temp.	
Turbidity	clear			pH, Conduct., ORP, D.O, Turbidity	See attached calibration documentation
Color	clear				
Odor	odorless				

January 2026 Event

SFL MW-1S(R)-Proposed

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: ~~MW-1S~~
Sample Number:
Weather Conditions:
Wellhead Inspection:

Sampler Name(s): PWL/WRC
Date/Time: 1-5-26 / 0825
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])
2. Intake Depth (±0.01 ft.)
3. Bottom of casing (±0.01 ft.)
4. Casing Diameter (inches)
5. Actual Volume of Water Purged (mL)
6. Purge Water Characteristics:
   Odor _____ Turbidity _____
   Color _____
7. Purge Rate (mL/min)
7. Water Level Measuring Equip.
8. Purge Equipment Used
9. Dedicated? (Yes/No) Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0825	–	21.0	8919	65.0	2.34	8.12	6.55		27.67
			Bailer Used						

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min)
6. Sample Appearance:
   Turbidity
   Color
   Odor
7. Time to recharge (min):
8. Sample Time: 0825
9: Parameter/Container/Pres.
App. III and App. IV CCR Parameters
Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
Alconox/DI Rinse
11. Instrument type: YSI ProSeries
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

SFL MW-1S(R)-Contingency

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): RLK
MW Identification:	SFL MW-1S contingency	Date/Time: 1-5-26 / 1010
Sample Number:		PID Readings: N/A
Weather Conditions:	Clear, cool	
Wellhead Inspection:	Good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.85	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	28.80	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	30.80	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0930	Start Pump	—	—	—	—	—	—	17.12	
0935	750	20.7	8730	40.4	0.49	16.3	4.22	17.81	
0940	1500	20.9	8742	41.2	0.27	9.2	4.19	17.84	
0945	2250	21.0	8706	39.1	1.41	10.4	4.19	17.85	
0950	3000	20.8	8637	34.0	0.18	8.28	4.20	17.86	
0955	3750	20.0	8537	33.1	1.00	6.70	4.20	17.85	
1000	4500	21.3	8460	29.4	0.98	4.80	4.21	17.86	
1005	5250	21.4	8438	29.4	0.95	4.77	4.21	17.88	
1010	Start Sampling								
1040	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1010
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

SFL

1/5/2026

Low Stress Groundwater Sampling Data Sheet

Facility Name: ~~GCSES~~ ASD-6		Sampler Name(s):	WRC
MW Identification:	MW-2D	Date/Time:	1145
Sample Number:		PID Readings: N/A	
Weather Conditions:	PTLY CLDY WARM		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	55.43	7. Water Level Measuring Equip.	Solinst
3. Bottom of casing (±0.01 ft.)	57.43	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	12,750	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: none	Color: Very Cldy Brn	Turbidity: High	12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

1.85

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ WL	Notes
1150									
1155	750	21.5	6523	-87.1	0.65	617	6.04	5.75	
1200	1500	21.8	6508	-122.1	0.54	252	6.03	6.75	
1205	2250	21.8	6538	-150.5	0.41	146	6.02	7.80	
1210	3000	21.9	6527	-163.5	0.36	118	6.01	8.65	
1215	3750	21.8	6539	-168.7	0.35	106	6.02	9.50	
1220	4500	22.0	6533	-172.0	0.32	141	6.02	10.21	
1225	5250	22.0	6529	-174.0	0.31	131	6.02	10.88	
1230	6000	22.1	6532	-179.0	0.28	140	6.03	11.65	
1235	6750	22.3	6547	-184.1	0.29	124	6.03	12.35	
1240	7500	22.4	6546	-187.0	0.28	119	6.03	12.98	
1245	8250	22.4	6562	-193.8	0.29	140	6.03	13.72	
1250	9000	22.4	6571	-195.9	0.27	102	6.04	14.20	
1255	9750	22.4	6566	-198.6	0.27	112	6.04	14.75	
1300	10,500	22.6	6577	-208.2	0.27	93.4	6.04	15.30	
1305	11250	22.5	6585	-198.5	0.27	90.8	6.05	15.90	
1310	12000	22.4	6574	-199.5	0.26	93.9	6.06	16.35	
1315	12750	22.5	6589	-202.1	0.26	85.8	6.06	16.90	Turbidity still high.
1320	Start sample pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	~~1327~~
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1320
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Decon Pump and Take EB1 @1400

SFL

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD-O	Sampler Name(s):	WRC
MW Identification:		Date/Time:	1/5/26 1425
Sample Number:	MW-3D	PID Readings: N/A	
Weather Conditions:	PRT CLDY		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	175
2. Intake Depth (±0.01 ft.)	59.18	7. Water Level Measuring Equip.	Interface
3. Bottom of casing (±0.01 ft.)	61.18	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: None Turbidity: Murky		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Brn			

19.62

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1430									Start Purge
1435	875	24.5	6603	-124.9	0.68	429	6.40	20.42	
1440	1750	24.4	6590	-169.2	0.35	>1100	6.42	20.75	
1445	2625	24.4	6611	-183.6	0.32	>1100	6.42	20.85	
1450	3500	23.5	6605	-189.3	0.30	>1100	6.43	20.90	
1455	4375	24.7	6506	-187.2	0.28	>1100	6.44	20.70	
1500	5250	23.3	6595	-187.3	0.34	828	6.44	20.93	Empty Flowthru Cell
1505	6125	23.1	6546	-169.4	0.55	897	6.48	21.00	
1510	7000	23.1	6516	-186.6	0.33	207	6.48	21.00	
1515	7875	22.8	6489	-187.8	0.30	101	6.50	21.02	
1520	8750	22.7	6461	-186.4	0.28	95.5	6.51	21.01	
1525	9625	22.6	6432	-185.2	0.29	120	6.52	21.05	
1530	10500	23.1	6400	-189.2	0.26	384	6.53	21.05	
1535	11375	22.8	6386	-191.9	0.26	447	6.53	21.10	
1540	12250	22.7	6372	-193.0	0.26	630	6.54	21.12	
1545	13125	22.6	6351	-192.7	0.24	462	6.55	21.18	
1550	14000	22.6	6346	-194.5	0.26	463	6.55	21.15	
1555	14875	22.2	6327	-192.7	0.26	417	6.56	21.15	

1600 pump off

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1600
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

1625 pump off

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s):	PWC
MW Identification:	SFL MW-45	Date/Time:	1-5-26 / 1150
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	Sunny & cool		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.10	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	22.10	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	24.26	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	3500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: None Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1115	START PUMP		–	–	–	–	–	16.34	
1120	500	22.7	11755	113.0	0.62	0.99	4.25	16.80	
1125	1000	22.8	11735	111.0	0.54	0.76	4.25	16.91	
1130	1500	23.2	11726	110.0	0.49	0.44	4.26	17.06	
1135	2000	23.4	11640	107.6	0.45	0.83	4.27	17.20	
1140	2500	23.2	11655	106.8	0.47	1.42	4.26	17.34	
1145	3000	22.9	11620	112.8	0.48	0.61	4.25	17.38	
1150	Start Sample								
1228	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):		10. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1150	**Alconox/DI Rinse**	
3. Sampling Equip. Used	Peris.	9: Parameter/Container/Pres.		11. Instrument type: **YSI ProSeries**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	**App. III and App. IV CCR Parameters**		Calibration Date:	
5. Sample Rate (mL/min)	100	**Na, Mg, K, Fe, Al, Alkalinity**		Calibration Time:	
6. Sample Appearance:	Clear				
Turbidity	Clear	9. Other Information:			
Color	Clear				
Odor	No				

	Stnd.	Reading	Temp.
pH	**See attached calibration documentation**		
Conduct.			
ORP			
D.O			
Turbidity			

SFL

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD 6	Sampler Name(s):	WRC
MW Identification:	MW-5D	Date/Time:	1/5/26 0905
Sample Number:		PID Readings: N/A	
Weather Conditions:			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	65.11	7. Water Level Measuring Equip.	Heath
3. Bottom of casing (±0.01 ft.)	67.11	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	8000.	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: Cloudy	Turbidity: Moderate	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Light Brown			

22.60

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
	500								
0935	1000	19.8	4861	-87.0	2.95	345	7.39	24.88	
0940	1500	20.3	4857	-129.4	0.62	112	7.38	25.95	
0945	2000	20.4	4871	-142.9	0.53	92.2	7.38	27.00	
0950	2500	20.0	4869	-146.3	0.53	70.9	7.39	27.95	
0955	3000	20.1	4866	-147.4	0.53	61.5	7.39	28.95	
1000	3500	20.6	4869	-148.1	0.56	51.0	7.39	29.95	
1005	4000	20.6	4868	-148.5	0.55	43.9	7.39	31.00	
1010	4500	20.5	4873	-150.5	0.52	44.2	7.38	31.85	
1015	5000	21.1	4870	-153.1	0.53	44.2	7.38	32.82	
1020	5500	21.0	4870	-155.2	0.54	44.2	7.38	33.58	
1025	6000	20.8	4868	-156.9	0.63	44.2	7.38	34.44	
1030	6500	21.4	4864	-159.2	0.59	44.2	7.37	35.20	
1035	7000	21.3	4865	-160.3	0.57	44.2	7.37	35.95	Recirculate Turbidity ok
1040	7500	21.2	4863	-160.9	0.58	44.2	7.37	36.69	
1045	8000	21.3	4843	-161.8	0.54	41.9	7.37	37.50	
1050	Begin Purge								
1130	Pump off								

1. Well evacuated to dryness?	Yes (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1050
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

SFL

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC/WRC
MW Identification:	MW-6D	Date/Time:	1/5/2026 / 0745
Sample Number:		PID Readings: N/A	
Weather Conditions:	Clear		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	62.10	7. Purge Rate (mL/min)	N/A
2. Intake Depth (±0.01 ft.)		7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)		8. Purge Equipment Used	
4. Casing Diameter (inches)		9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

DTW

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0745	-	19.6	4829	49.1	1.32	16.2	7.18	61.67	Turbidity low at sampling procedure
			Bailer Used						

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	0745
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**	Sampler Name(s):	AWL
MW Identification: SFL MW-7S	Date/Time:	1-5-26 / 1325
Sample Number:	PID Readings: **N/A**	1330 FD 1
Weather Conditions: Sunny, warm		
Wellhead Inspection: Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	14.45	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	27.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	29.15	8. Purge Equipment Used	
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: None Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	W.L. Drawdown	Notes
1250	Start Pump	–	–	–	–	–	–	14.70	
1255	1000	23.6	141686	44.1	0.84	3.14	5.60	14.78	
1300	~~1500~~ 2000	23.4	145.58	83.3	0.47	2.07	5.63	14.80	
1305	~~2000~~ ~~2500~~	23.8	144101	78.1	0.44	2.28	5.65	14.80	
1310	~~2500~~ 4000	23.9	14064	73.6	0.43	1.93	5.67	14.81	
1315	~~3000~~ 5000	23.8	13653	70.4	0.30	1.39	5.70	14.82	
1320	~~3500~~ 6000	23.8	13286	65.7	0.32	0.83	5.72	14.84	
1325	Start	Sample							
1425	Stop	Pump							
1330	FD-1	(duplicate of SFL MW-7S (MW-7S))							

pw

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1325 7S
3. Sampling Equip. Used	Peris.	9: Parameter/Container/Pres.	1330 FD 1
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters	
5. Sample Rate (mL/min)	200	Na, Mg, K, Fe, Al, Alkalinity	
6. Sample Appearance:	Clear		
Turbidity	Clear	9. Other Information:	
Color	Clear		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWL
MW Identification:	SFL MW-8S	Date/Time:	1-6-26 / 0810
Sample Number:		PID Readings: N/A	
Weather Conditions:	Overcast, Cool		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	11.75	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	21.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	23.00	8. Purge Equipment Used	Peris.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	4500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0735	START PUMP		—	—	—	—	—	11.91	11.91
0740	750	22.5	6030	333.4	0.63	12.6	3.70	12.29	
0745	1500	22.5	6032	340.9	0.38	9.72	3.72	12.33	
0750	2250	22.5	6020	335.9	0.31	7.95	3.73	12.35	
0755	3000	22.5	6008	330.6	0.24	4.54	3.75	12.38	
0800	3750	22.6	5998	326.2	0.26	3.61	3.76	12.41	
0805	4500	22.5	5981	321.3	0.25	1.49	3.76	12.41	
0810	START SAMPLE								
0833	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0810
3. Sampling Equip. Used	Peris.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	11		
Color	11		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s):	PJL
MW Identification:	SFL MW-80	Date/Time:	1-6-26 / 0920
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	Overcast, cool		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	9.87	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	44.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	46.66	8. Purge Equipment Used	Peris.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ W.L.	Notes
0845	START PUMP	–	–	–	–	–	–	9.82	
0850	750	22.6	2584	63.3	0.52	6.62	6.41	11.15	
0855	1500	22.7	2548	49.8	0.39	5.53	6.48	11.55	
0900	2250	22.9	2495	52.9	0.18	3.60	6.53	11.81	
0905	3000	23.1	2482	51.2	0.35	2.32	6.55	12.00	
0910	3750	22.9	2477	48.1	0.19	1.79	6.55	12.15	
0915	4500	22.9	2475	43.6	0.38	1.49	6.55	12.26	
0920	Start sampling								
0943	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):		10. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0920	**Alconox/DI Rinse**	
3. Sampling Equip. Used	Peris.	9: Parameter/Container/Pres.		11. Instrument type: **YSI ProSeries**	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	**App. III and App. IV CCR Parameters**		Calibration Date:	
5. Sample Rate (mL/min)	150	**Na, Mg, K, Fe, Al, Alkalinity**		Calibration Time:	
6. Sample Appearance:	Clear				
Turbidity	"	9. Other Information:			
Color	"				
Odor	No				

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**		Sampler Name(s):	RWC
MW Identification:	MW-15D	Date/Time:	1-5-26 / 1535
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	PtCldy ~warm		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	5.43	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	50.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	52.45	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor ____ Turbidity		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color ____			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ W.L.	Notes
1140	Start Pump	—	—	—	—	—	—	5.47	
1445	1000	23.7	4425	35.7	0.50	27.9	6.31	6.12	
1450	2000	23.5	4451	29.2	0.35	21.7	6.33	6.20	
1455	3000	23.5	3448	32.4	0.50	9.01	6.44	6.24	
1500	4000	23.6	4398	30.4	0.56	9.04	6.34	6.27	
1505	5000	23.5	4460	27.6	0.43	14.4	6.33	6.30	
1510	6000	23.4	4438	26.1	0.40	13.8	6.33	6.32	
1515	7000	23.4	4420	24.6	0.37	14.5	6.34	6.30	
1520	8000	23.3	4444	23.5	0.35	14.4	6.33	6.32	
1525	9000	23.3	4404	22.6	0.36	14.3	6.34	6.32	
1530	10000	23.3	4398	22.2	0.40	14.5	6.34	6.36	
1535	Start Sample								
1600	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1535
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES** | Sampler Name(s): PWC

MW Identification: AP MW-1 | Date/Time: 1-6-26 / 1600

Sample Number: | PID Readings: **N/A**

Weather Conditions: pt cld

Wellhead Inspection: NVS

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.14	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	23.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	25.10	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1525	START PUMP	—	—	—	—	—	—	15.36	
1530	1000	23.6	1968	80.9	0.58	3.20	5.51	15.60	
1535	2000	23.6	1937	72.7	0.38	2.91	5.52	15.62	
1540	3000	23.6	1928	71.1	0.34	1.70	5.53	15.63	
1545	4000	23.5	1915	70.2	0.33	1.13	5.53	15.64	
1550	5000	23.5	1920	69.8	0.33	0.84	5.52	15.65	
1555	6000	23.4	1920	69.1	0.32	1.31	5.52	15.65	
1600	Start Sampling								
1623	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1600
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES — Sampler Name(s): RWL

MW Identification: AP MW-1D (old) — Date/Time: 1-6-26 / 1445

Sample Number: — PID Readings: N/A

Weather Conditions: Partly Cldy, warm

Wellhead Inspection: Avg

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / No	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.28	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	41.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	43.04	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	4500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No — Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

±3% ±3% ±10mV <0.5 <10 ±0.1 W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1410	START	PUMP	—	—	—	—	—	16.43	
1415	750	23.6	1234	96.7	0.76	1.09	5.94	16.68	
1420	1500	23.6	1228	85.4	0.45	0.99	5.95	16.68	
1425	2250	23.5	1231	81.7	0.39	1.14	5.95	16.68	
1430	3000	23.6	1234	78.1	0.36	0.85	5.95	16.68	
1435	3750	23.5	1230	74.1	0.34	0.85	5.95	16.69	
1440	4500	23.7	1232	71.7	0.32	0.61	5.96	16.69	
1445	Start sample								
2513	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1445
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD6		Sampler Name(s): WRC	
MW Identification: AP MW-3D		Date/Time: 1/6/26 1450	
Sample Number:		PID Readings: N/A	
Weather Conditions:			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	13.52	7. Purge Rate (mL/min)	160
2. Intake Depth (±0.01 ft.)	54.94	7. Water Level Measuring Equip.	Solinst
3. Bottom of casing (±0.01 ft.)	56.94	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	16000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor ____ Turbidity ____		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color ____			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ ft	Notes
1455								12.85	
1500	800	25.2	1906	-176.8	1.54	21.2	5.32	14.35	
1505	1600	25.4	1899	-228.0	0.62	24.0	5.35	14.85	
1510	2400	25.5	1962	-239.9	0.50	52.8	5.31	15.07	
1515	3200	25.1	2023	-230.7	0.48	67.4	5.27	15.26	
1520	4000	24.8	2065	-222.7	0.44	64.4	5.27	15.38	
1525	4800	25.2	2112	-228.5	0.42	47.8	5.25	15.55	
1530	5600	25.2	2133	-235.8	0.38	40.5	5.24	15.65	
1535	6400	25.2	2148	-232.7	0.39	44.2	5.23	15.67	
1540	7200	25.1	2195	-236.2	0.37	44.2	5.21	15.70	
1545	8000	25.1	2222	-232.6	0.39	42.3	5.20	15.75	
1550	8800	25.0	2235	-231.9	0.38	37.4	5.20	15.75	
1555	9600	24.9	2246	-237.3	0.36	35.8	5.19	15.77	
1600	10400	24.8	2248	-231.2	0.37	29.9	5.18	15.80	
1605	11200	24.8	2257	-224.0	0.36	27.1	5.18	15.82	
1610	12000	24.8	2266	-224.4	0.34	24.7	5.17	15.82	
1615	12800	24.6	2290	-227.0	0.35	18.4	5.17	15.82	Cleaned flowthrough cell
1620	13600	23.9	2296	-214.3	0.35	14.2	5.17	15.84	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1640
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: GCSES ASD6 | Sampler Name(s): WRC
MW Identification: AP MW-3D | Date/Time: 1/6/26 1450
Sample Number: | PID Readings: N/A
Weather Conditions:
Wellhead Inspection:

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ W/L	Notes
1625	14400	23.7	2291	-206.7	0.36	7.85	5.18	15.83	
1630	15200	23.9	2281	-206.8	0.34	8.91	5.18	15.86	
1635	16000	24.0	2284	-207.0	0.34	9.20	5.17	15.86	
1640	Begin Sample								
1715 ~~05~~	Pump off								

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP MW-4S	Date/Time:	1-6-26 / 1240
Sample Number:		PID Readings: N/A	1245 FD-2
Weather Conditions:	Overcast, Warm		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	19.98	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	36.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	38.90	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6750	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1150	START PUMP	—	—	—	—	—	—	20.22	20.22
1155	750	22.8	3192	57.2	0.70	7.86	5.69	20.34	
1200	1500	22.6	3063	67.6	0.48	2.98	5.54	20.36	
1205	2250	22.6	2832	39.0	0.34	5.11	5.35	20.35	
1210	3000	22.9	2572	52.0	0.35	5.93	5.10	20.35	
1215	3750	23.6	2038	65.6	0.22	3.21	4.81	20.35	
1220	4000	24.0	1763	82.7	0.34	1.26	4.52	20.35	
1225	4750	24.1	1685	90.9	0.28	1.54	4.45	20.35	
1230	5500	23.6	1680	99.1	0.33	0.74	4.39	20.35	
1235	6250	24.3	1678	99.7	0.32	0.67	4.40	20.35	
1240	Sample								
1340	Stop Pump								
1245	Note:	FD-2	taken	MW-4S		SEL			

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):		10. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1240	Alconox/DI Rinse	
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	1245 FD-2	11. Instrument type: YSI ProSeries	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters		Calibration Date:	
5. Sample Rate (mL/min)		Na, Mg, K, Fe, Al, Alkalinity		Calibration Time:	
6. Sample Appearance:	Clear				
Turbidity	"	9. Other Information:			
Color	"				
Odor	No				

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD 6	Sampler Name(s):	WRc
MW Identification:	AP MW-5D	Date/Time:	1/6/26 1220
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy warm		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.88	7. Purge Rate (mL/min)	125
2. Intake Depth (±0.01 ft.)	54.10	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	56.10	8. Purge Equipment Used	
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	13125	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: none Turbidity	Cloudy	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: V. Light Grey			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	W/L Drawdown	Notes
1230								16.00	
1235	625	24.1	8291	-91.7	1.32	910	3.83	16.35	
1240	1250	23.4	8234	-160.4	0.55	143	3.79	16.42	
1245	1875	24.0	8163	-184.6	0.47	98.6	3.77	16.45	
1250	2500	23.9	8085	-187.1	0.42	78.5	3.74	16.45	
1255	3125	24.2	7852	-175.9	0.43	81.0	3.70	16.47	
1300	3750	23.7	7865	-172.8	0.36	44.2	3.71	16.45	
1305	4375	23.7	7988	-175.7	0.35	44.2	3.74	16.47	
1310	5000	23.6	8125	-181.2	0.32	44.2	3.76	16.47	Checked Turbidity Meter (OK)
1315	5625	23.4	8202	-173.6	0.32	44.2	3.79	16.47	
1320	6250	23.3	8255	-163.1	0.32	44.2	3.81	16.50	
1325	6875	23.2	8294	-161.8	0.28	44.2	3.83	16.55	
1330	7500	23.3	8330	-166.0	0.27	44.2	3.84	16.55	
1335	8125	23.1	8369	-161.5	0.27	31.2	3.85	16.56	Recalibrated Turbidity Meter
1340	8750	23.0	8387	-155.6	0.27	28.2	3.86	16.55	
1345	9375	23.0	8399	-156.0	0.27	26.8	3.86	16.52	
1350	10000	23.0	8417	-154.6	0.27	18.4	3.86	16.54	
1355	10625	23.1	8426	-158.9	0.25	11.7	3.87	16.54	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1415
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: GCSES ASD6 | Sampler Name(s): WRC
MW Identification: AP MW-5D | Date/Time: 1/6/26 1220
Sample Number: | PID Readings: N/A
Weather Conditions:
Wellhead Inspection:

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	W/L Drawdown	Notes
1400	11250	23.2	8430	-162.1	0.26	11.0	3.86	16.57	
1405	11875	23.3	8463	-169.0	025	9.6	3.86	16.57	
1410	12500	23.1	8471	-163.3	0.24	7.9	3.86	16.57	
1415	13125	23.1	8480	-163.9	0.24	6.8	3.87	16.57	
1415	Begin Sample								
1445	Pump Off								

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD 6		Sampler Name(s): WRC	
MW Identification: AP MW-75		Date/Time: 11/6/25	0710
Sample Number:		PID Readings: N/A	
Weather Conditions:			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	21.40	7. Purge Rate (mL/min)	110
2. Intake Depth (±0.01 ft.)	36.75	7. Water Level Measuring Equip.	Solinst
3. Bottom of casing (±0.01 ft.)	38.75	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	8800	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: more	Turbidity: slty clay	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: v. Dark Gray			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0720	-							21.00	
0725	550	21.4	6546	-82.8	0.92	96.7	6.54	22.38	
0730	1100	21.4	6436	-82.3	1.01	76.7	6.35	22.67	
0735	1650	21.5	6372	-83.9	1.11	40.5	6.20	23.12	
0740	2200	21.4	6244	-68.4	1.12	44.2	5.99	23.41	
0745	2750	21.4	6226	-65.1	1.18	44.2	5.84	23.75	
0750	3300	21.4	6148	-53.6	1.15	44.2	5.60	24.08	
0755	3850	21.4	6109	-46.5	1.17	37.7	5.43	24.44	Recalibrated Turbidity Meter
0800	4400	21.5	6054	-40.0	1.02	24.9	5.16	24.78	
0805	4950	21.5	6001	-38.4	0.92	21.6	5.02	25.10	
0810	5500	21.4	5987	-32.7	0.92	18.2	4.96	25.34	
0815	6050	21.5	5981	-29.9	0.90	16.1	4.93	25.69	
0820	6600	21.5	5977	-29.6	0.91	15.2	4.90	25.90	
0825	7150	21.5	5973	-24.8	0.90	12.4	4.86	26.05	
0830	7700	21.6	5955	-24.7	1.01	10.0	4.83	26.20	
0835	8250	21.7	5962	-17.3	1.20	9.15	4.78	26.33	
0840	8800	22.0	5949	-11.2	1.30	8.15	4.75	26.40	
0840	Begin Sample								
0915	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0840
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD 6		Sampler Name(s):	WRC
MW Identification:	AP MW-7D	Date/Time:	1/6/25 0915
Sample Number:		PID Readings: N/A	
Weather Conditions:			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.48	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	55.35	7. Water Level Measuring Equip.	Dextech
3. Bottom of casing (±0.01 ft.)	57.35	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	8500	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: None Turbidity	Very Low	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	w/c Drawdown	Notes
0930								22.41	
0935	500	23.3	5082	-205.3	0.41	60.7	6.87	24.75	
0940	1000	23.6	5107	-208.1	0.46	96.7	6.86	25.13	
0945	1500	23.8	5110	-211.4	0.51	49.8	6.86	25.48	
0950	2000	23.9	5118	-215.2	0.54	48.7	6.86	25.70	
0955	2500	24.2	5086	-221.7	0.50	44.2	6.86	26.00	
1000	3000	23.9	5128	-222.8	0.50	63.5	6.86	26.32	
1005	3500	23.5	5123	-220.8	0.51	53.0	6.87	26.64	
1010	4000	23.2	5116	-219.5	0.53	44.2	6.87	27.05	
1015	4500	23.3	5112	-218.2	0.55	44.2	6.88	27.30	
1020	5000	23.4	5110	-217.0	0.54	31.7	6.88	27.62	
1025	5500	23.5	5114	-216.6	0.58	31.8	6.88	27.95	
1030	6000	23.6	5106	-217.7	0.59	23.5	6.88	28.14	
1035	6500	23.2	5132	-218.1	0.65	30.8	6.87	28.61	
1040	7000	23.6	5106	-227.7	0.59	31.3	6.88	29.77	
1045	7500	24.1	5126	-231.0	0.58	17.5	6.87	30.35	
1050	8000	24.2	5106	-233.1	0.66	18.5	6.87	30.85	
1055	8500	23.9	5125	-233.5	0.65	31.3	6.86	31.45	extremely fine Particles
1100	Begin Sample Drop off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1100
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

EB2 taken @ 1215

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	RWC
MW Identification:	AP PZ-1	Date/Time:	1-6-26 / 1045
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy, cool		
Wellhead Inspection:	Avg		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	(Yes) / No	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	7.00	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	34.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	36.88	8. Purge Equipment Used	Pe
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	4500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ W.L.	Notes
1010	START PUMP		-	-	-	-	-	7.52	
1015	750	22.6	9325	113.7	3.04	2.77	4.63	8.58	
1020	1500	22.6	9365	87.5	0.40	1.95	4.71	9.17	
1025	2250	22.6	9272	75.3	0.34	0.90	4.76	9.58	
1030	3000	22.6	9201	69.1	0.32	0.78	4.79	9.90	
1035	3750	22.7	9134	66.2	0.35	1.74	4.80	10.19	
1040	4500	22.8	9041	64.0	0.36	2.85	4.82	10.44	
1045	sample								
1110	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1045
3. Sampling Equip. Used	Pe	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	1'		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	MC
MW Identification:	AP PZ-4S	Date/Time:	1-7-26 / 0945
Sample Number:		PID Readings: N/A	
Weather Conditions:	Foggy, Cool		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	12.46	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	36.80	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	38.87	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	3500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0910	START PUMP	—	—	—	—	—	—	12.58	
0915	500	20.5	10211	42.2	1.26	8.07	6.67	13.38	
0920	1000	20.8	10220	27.8	0.67	3.87	6.61	13.88	
0925	1500	20.8	10169	18.2	0.83	3.12	6.57	14.53	
0930	2000	20.7	10118	12.4	0.44	3.81	6.55	15.20	
0935	2500	20.8	10115	10.5	0.40	4.01	6.54	15.78	
0940	3000	20.9	10114	9.9	0.40	3.10	6.54	16.19	
0945	Start Sample								
1017	Stop Pump								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	0945
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES — Sampler Name(s): PWC
MW Identification: AP PZ-4 — Date/Time: 1-7-26 / 0820
Sample Number: — PID Readings: N/A
Weather Conditions: Foggy, cool
Wellhead Inspection: Avg to Poor (Pad buried)

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	11.83	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	44.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	46.41	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	3,500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No — Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.C.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0745	START pump	–	–	–	–	–	–	11.76	
0750	500	20.3	6945	66.8	1.13	7.36	7.84	13.05	
0755	1000	20.3	6944	73.4	0.64	1.72	8.42	14.01	
0800	1500	20.5	6943	76.7	0.58	0.72	8.38	14.27	
0805	2000	20.3	6940	77.7	0.47	0.53	8.58	15.88	
0810	2500	20.5	6937	76.9	0.44	0.02	8.61	16.89	
0815	3000	20.5	6940	76.8	0.45	0.02	8.62	17.41	
0820	Start Sample								
0850	Stop Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0820
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	WRC
MW Identification:	SSP MW-2D	Date/Time:	1/7/2026
Sample Number:		PID Readings: N/A	
Weather Conditions:	Very Foggy/ cool		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	62.86	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	64.86	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	2.0	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	30,250	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: none Turbidity: V murky		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Dk Grey			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	ft/L Drawdown	Notes
0730	-							22.62	
0735	750								V. High solids
0740	1500								
0745	2250								
0750	3000	19.6	7548	103.1	6.44	<1100	6.17	25.68	
0755	3750	19.6	9938	73.6	4.02	<1100	6.25	26.50	
0800	4500	19.6	9928	71.4	4.05	<1100	6.28	26.50	
0805	5250	19.6	9447	69.6	4.14	894	6.32	26.60	
0810	6000	19.6	9441	70.8	4.24	876	6.33	26.85	
0815	6750	19.9	9045	70.0	4.05	852	6.36	26.85	
0820	7500	19.8	9956	62.4	4.16	782	6.36	26.96	
0825	8250	19.9	9966	68.7	4.10	721	6.38	26.99	
0830	9000	19.9	9998	73.7	4.31	702	6.39	26.81	
0835	9750	19.0	9819	58.8	4.03	689	6.43	26.75	
0840	10500	19.3	9926	60.1	4.06	674	6.32	26.97	
0845	11250	19.2	9851	66.7	4.10	656	6.35	26.92	
0850	12000	19.3	10006	51.7	4.39	643	6.39	26.96	
0855	12750	19.4	9940	46.2	4.45	683	6.41	26.91	

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1045
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet (Extension Page)

HDR

Facility Name: GCSES ASP6 | Sampler Name(s): WRC
MW Identification: SSP MW-2D | Date/Time: 1/7/26 0700
Sample Number: | PID Readings: N/A
Weather Conditions:
Wellhead Inspection:

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0900	14500	14.5	9992	45.8	4.34	633	6.42	26.96	
0905	15250	14.4	10010	37.7	4.32	605	6.43	26.86	
0910	16000	14.6	9994	32.4	4.74	478	6.42	26.95	
0915	16750	16.7	10004	14.0	4.81	435	6.43	26.96	
0920	17500	14.6	10015	15.0	4.81	406	6.44	26.93	
0925	18250	14.6	10011	9.4	4.71	370	6.44	26.99	
0930	19000	14.8	10014	0.7	4.66	320	6.43	26.96	
0935	19750	14.7	10009	-2.3	4.58	294	6.43	26.99	
0940	20500	20.0	10018	-10.0	4.57	280	6.43	27.18	
0945	21250	20.1	10024	-14.4	4.47	256	6.42	27.12	
0950	22000	20.1	10005	-21.8	4.53	318	6.42	27.15	
0955	22750	20.2	10008	-31.6	4.46	272	6.42	27.10	
~~0~~1000	23500	20.0	10013	-43.4	4.55	237	6.43	27.14	
1005	24250	20.0	10022	-54.8	4.52	211	6.41	27.16	
1010	25000	20.1	10013	-62.4	4.56	207	6.40	27.06	
1015	25750	20.2	10018	-61.9	4.50	188	6.34	27.02	
1020	26500	20.4	10022	-68.8	4.50	179	6.39	27.16	
1025	27250	20.3	10013	-68.3	4.47	174	6.39	27.09	
1030	28000	20.4	10032	-70.4	4.50	175	6.38	29.09	
1035	28750	20.3	10038	-76.8	4.54	155	6.37	27.07	
1040	29500	20.2	10020	-76.4	4.51	150	6.37	27.08	
1045	30250	20.4	10024	-80.3	11.19	146	6.37	27.08	
1045	Pump Rem sampling								
1125	Pump off								

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD 6		Sampler Name(s):	WRC
MW Identification:	SSP MW-3D	Date/Time:	1/7/26
Sample Number:		PID Readings: N/A	1155
Weather Conditions:	Foggy / cool		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	58.51	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	60.51	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0 in	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	13,250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: mone Turbidity: cldy		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: lt gay			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	W/L Drawdown	Notes
1205								29.92	
1210	750	21.2	7433	18.4	3.66	>1100	4.99	29.60	
1215	1500	21.1	7430	5.4	1.12	410	4.84	29.84	
1220	2250	21.2	7426	-5.4	0.67	144	4.81	30.03	
1225	3000	21.3	7429	-25.2	0.52	106	4.80	30.20	
1230	3750	21.4	7422	-42.0	0.44	65.0	4.78	30.31	
1235	4500	21.4	7415	-56.9	0.39	45.3	4.77	30.34	
1240	5250	21.4	7538	-70.4	0.36	35.2	4.76	30.37	
1245	6000	21.3	7417	-78.7	0.34	48.2	4.75	30.34	
1250	6750	21.4	7416	-80.6	0.32	31.2	4.75	30.35	Empties Flowthrough cell
1255	7500	21.4	7360	-34.2	0.53	17.3	4.74	30.34	
1300	8250	21.4	7418	-76.3	0.45	15.3	4.73	30.31	
1305	9000	21.4	7411	-84.3	0.46	15.4	4.73	30.35	
1310	9750	21.4	7411	-88.0	0.41	14.4	4.73	30.35	
1315	10250	21.5	7415	-91.4	0.48	13.3	4.73	30.30	
1320	11000	21.5	7411	-97.5	0.41	10.7	4.72	30.31	
1325	11750	21.7	7414	-104.3	0.43	~~117~~ 9.65	4.72	30.31	
1330	12500	21.6	7413	-109.0	0.43	9.24	4.71	30.26	

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1335
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet (Extension Page)

Facility Name: GCSES
MW Identification: SSP MW-3D
Sample Number:
Weather Conditions:
Wellhead Inspection:
Sampler Name(s): WRC
Date/Time: 1/7/26 1155
PID Readings: N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1335	13250	21.6	7411	-111.3	0.42	10.0	4.71	30.29	
1335	Begin Sampling								
1410	Pump off								

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): AJC
MW Identification: SSP MW-4S		Date/Time: 1-7-26 / 1130
Sample Number:		PID Readings: N/A
Weather Conditions: Foggy, cool		
Wellhead Inspection: Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	25.80	7. Purge Rate (mL/min)	125
2. Intake Depth (±0.01 ft.)	35.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	37.08	8. Purge Equipment Used	Peris
4. Casing Diameter (Inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	4375	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No	Turbidity: Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W, L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1055	Start Pump	—	—	—	—	—	—	26.00	
1100	625	21.3	5171	187	1.32	1.32	3.76	26.25	
1105	1250	21.2	5206	223.4	0.66	1.02	3.70	26.26	
1110	1875	21.3	5200	234.1	0.54	0.84	3.70	26.27	
1115	2500	21.2	5202	236.7	0.63	0.35	3.69	26.27	
1120	3125	21.3	5190	238.3	0.49	0.39	3.68	26.28	
1125	3750	21.3	5192	239.9	0.49	0.19	3.68	26.28	
1130	START SAMPLE								
1157	STOP Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):		10. Decontamination Procedures:	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1130	Alconox/DI Rinse	
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.		11. Instrument type: YSI ProSeries	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters		Calibration Date:	
5. Sample Rate (mL/min)	125	Na, Mg, K, Fe, Al, Alkalinity		Calibration Time:	
6. Sample Appearance:	Clear				
Turbidity	"	9. Other Information:			
Color	"				
Odor	"				

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): AWC
MW Identification:	SSP MW-5S	Date/Time: 1-7-26 / 1330
Sample Number:		PID Readings: N/A 1335 FD2
Weather Conditions:	Foggy — Warm	
Wellhead Inspection:	Good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.37	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	42.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	44.15	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6750	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No	Turbidity: Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ W.L.	Notes
1245	START PUMP	—	—	—	—	—	—	20.65	
1250	750	21.5	7723	90.2	0.96	10.1	5.45	21.02	
1255	1,500	21.5	7357	98.5	0.75	9.4	5.27	21.06	
1300	2250	21.5	6977	109.5	0.63	5.07	5.27	21.10	
1305	3000	21.5	6840	112.1	0.36	4.99	5.20	21.12	
1310	3750	21.5	6790	111.4	0.44	4.81	5.20	21.16	
1315	4500	21.6	6733	109.6	0.40	3.87	5.20	21.19	
1320	5250	21.7	6730	108.9	0.40	1.99	5.20	21.22	
1325	6000	21.7	6728	107.2	0.44	0.58	5.20	21.25	
1330	START SAMPLING								
1425	STOP PUMP								
1335	Duplicate	FD3		SSP (MW-5S)					

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1330
3. Sampling Equip. Used		9: Parameter/Container/Pres.	1335 FD2
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters	
5. Sample Rate (mL/min)	150	Na, Mg, K, Fe, Al, Alkalinity	
6. Sample Appearance:	Clear		
Turbidity	1'	9. Other Information:	
Color	1'		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	WRC
MW Identification:	SSP MW-5D	Date/Time:	1/7/26 1420
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy warm		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / No
2. Collision/Vandalism Damage:	Yes / No	6. Frost Heaving:	Yes / No
3. Casing Degradation:	Yes / No	7. Lock in Place:	Yes / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	~110
2. Intake Depth (±0.01 ft.)	62.45	7. Water Level Measuring Equip.	SeaTech
3. Bottom of casing (±0.01 ft.)	64.45	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	9,350	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: None Turbidity: V slight		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	w/L Drawdown	Notes
1430								22.42	
1435	550	22.4	4911	-174.9	1.02	58.4	6.77	24.53	
1440	1100	22.4	4855	-261.1	0.70	30.5	6.79	24.59	
1445	1650	22.4	4844	-203.4	0.72	23.3	6.80	24.70	
1450	2200	22.6	4835	-203.4	0.72	20.8	6.81	24.74	
1455	2750	22.7	4822	-207.3	0.79	18.6	6.82	24.90	
1500	3300	22.6	4806	-205.5	0.84	16.8	6.83	25.35	
1505	3850	22.5	4861	-209.8	1.04	18.2	6.85	25.13	
1510	4400	22.5	4797	-211.6	0.94	16.1	6.87	25.28	
1515	4950	22.6	4794	-208.9	1.18	16.1	6.88	25.39	
1520	5500	22.7	4795	-211.3	1.10	15.0	6.87	25.39	
1525	6050	23.1	4789	-22.0	0.85	13.1	6.84	25.50	
1530	6600	23.6	4796	-224.5	0.82	13.5	6.84	25.59	
1535	7150	23.2	4789	-213.6	1.16	13.3	6.87	25.67	
1540	7700	22.8	4795	-194.0	2.67	12.4	6.89	25.75	
1545	8250	22.6	4785	-217.0	1.14	12.4	6.88	25.86	
1550	8800	22.7	4785	-217.1	1.00	11.9	6.85	25.93	
1600	9350	22.8	4787	-214.9	0.93	13.0	6.85	26.00	
1555	Begin sample 1600 Pump off 1630								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):		10. Decontamination Procedures:	Alconox/DI Rinse
2. Sample Filtered?	Yes / No	8. Sample Time:	1600	11. Instrument type: YSI ProSeries	
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters	Calibration Date:	
4. Drive Gas (Air/Nitrogen)	AIR/NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity	Calibration Time:	
5. Sample Rate (mL/min)					
6. Sample Appearance:		9. Other Information:			
Turbidity					
Color					
Odor					

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES — Sampler Name(s): RWC
MW Identification: SSP MW-6S — Date/Time: 1-7-26 / 1615
Sample Number: — PID Readings: N/A
Weather Conditions: Partly Cloudy, warm
Wellhead Inspection: Good

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / No	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / No	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	8.05	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	34.75	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	36.88	8. Purge Equipment Used	
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1505	START PUMP							8.26	
1510	1000	23.0	8114	124.3	0.71	22.5	5.21	9.02	
1515	2000	23.0	7996	110.2	0.44	21.0	5.22	9.05	
1520	3000	23.1	7981	104.7	0.47	21.3	5.19	9.11	
1525	4000	23.1	7919	102.0	0.30	19.9	5.19	9.12	
1530	5000	23.3	7909	98.3	0.22	21.2	5.19	9.15	
1535	6000	23.3	7869	95.3	0.28	20.5	5.18	9.16	
1540	7000	23.0	7788	92.7	0.31	19.5	5.19	9.16	
1545	8000	23.0	7728	91.0	0.22	19.1	5.18	9.19	
1550	9000	23.0	7714	87.5	0.25	19.3	5.18	9.20	
1555	10000	23.1	7708	86.5	0.23	19.0	5.17	9.21	
1600	11000	23.3	~~7699~~ 7614	86.7	0.33	20.4	5.17	9.22	
1605	12000	23.3	7599	86.7	0.32	19.5	5.17	9.23	
1610	13000	23.3	7591	86.9	0.31	20.1	5.17	9.24	
1615	Sample	Cneen	Filter dis.	nodels)					
1635	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1615
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	Ave 200		
6. Sample Appearance:	Clear ~~Slight Turb.~~	9. Other Information:	
Turbidity	Slight		
Color	Clear		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**
11. Instrument type: **YSI ProSeries**
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

HDR

Facility Name: GCSES
MW Identification: SSP MW-60
Sample Number:
Weather Conditions: Overcast Warm
Wellhead Inspection: Good

Sampler Name(s): PWC
Date/Time: 1-8-26 / 0900
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 7.76
2. Intake Depth (±0.01 ft.) 51.50
3. Bottom of casing (±0.01 ft.) 53.64
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 52.50
6. Purge Water Characteristics:
   Odor: mono Turbidity: Cldy
   Color: light gray
7. Purge Rate (mL/min) 150
7. Water Level Measuring Equip.
8. Purge Equipment Used Peri
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~ W.L.	Notes
0825	START TEST	—	—	—	—	—	—	7.98	
0830	750	22.3	6236	-13.7	0.53	13.2	6.35	10.15	
0835	1500	22.3	6235	-33.4	0.39	6.87	6.38	10.94	
0840	2250	22.3	6231	-43.0	0.35	3.06	6.39	11.91	
0845	3000	22.4	6220	-49.0	0.32	1.16	6.41	12.79	
0850	3750	22.3	6200	-52.6	0.31	2.48	6.41	13.45	
0855	4500	22.3	6199	-55.3	0.29	2.24	6.41	14.20	
0900	START	SAMPLE							
0925	Pump	OFF							

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used Peri
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min) 150
6. Sample Appearance: Clear
   Turbidity "
   Color "
   Odor No
7. Time to recharge (min):
8. Sample Time: 0900
9: Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

February 2026 Event

SFL MW-1S(R)-Proposed

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): PWC TWC
MW Identification: SFL MW-1S		Date/Time: 2.18.26 / 1505
Sample Number:		PID Readings: N/A
Weather Conditions: Overcast, warm		
Wellhead Inspection: Good		

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])
2. Intake Depth (±0.01 ft.)
3. Bottom of casing (±0.01 ft.)
4. Casing Diameter (inches)
5. Actual Volume of Water Purged (mL)
6. Purge Water Characteristics:
   Odor _____ Turbidity _____
   Color _____
7. Purge Rate (mL/min)
7. Water Level Measuring Equip.
8. Purge Equipment Used
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Drawdown . Water Level	Notes
1515		22.7	9279	279.1	3.33	11.5	6.04	27.14	

Bailer

1. Well evacuated to dryness? Yes / No
2. Sample Filtered? Yes / No
3. Sampling Equip. Used
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min)
6. Sample Appearance:
   Turbidity
   Color
   Odor
7. Time to recharge (min):
8. Sample Time:
9: Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

(R)

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: SFL MW-15 contingency
Sample Number:
Weather Conditions: Overcast, moist, warm
Wellhead Inspection: Good

Sampler Name(s): PWL
Date/Time: 2-19-26 / 0835
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]): 16.89
2. Intake Depth (±0.01 ft.): 28.50
3. Bottom of casing (±0.01 ft.): 30.80
4. Casing Diameter (inches): 2
5. Actual Volume of Water Purged (mL): 5250
6. Purge Water Characteristics:
   Odor: None
   Color: Slight brown
   Turbidity: Slight
7. Purge Rate (mL/min): 150
7. Water Level Measuring Equip.:
8. Purge Equipment Used: Peri.
9. Dedicated? (Yes/No): Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer:
12. Drive Gas (Air/Nitrogen): AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0800	START PUMP	—	—	—	—	—	—	16.60	
0805	750	21.9	9041	188.2	1.41	14.8	3.16	17.28	
0810	1500	21.8	9160	190.25	0.51	10.7	3.35	17.34	
0815	2250	21.9	9159	167.3	0.42	7.89	3.40	17.35	
0820	3000	21.9	9131	157.5	0.36	4.90	3.44	17.38	
0825	3750	21.9	9122	152.3	0.32	4.49	3.47	17.41	
0830	4500	21.9	9120	150.9	0.31	4.35	3.49	17.43	
0835	START SAMPLE (5250 mL)								
0851	STOP PUMP								

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used: Peri
4. Drive Gas (Air/Nitrogen): AIR /NITROGEN/ N/A
5. Sample Rate (mL/min): 150
6. Sample Appearance: Clear
   Turbidity: "
   Color: "
   Odor: None
7. Time to recharge (min):
8. Sample Time: 0835
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	WLC
MW Identification:	SFL MW-2D	Date/Time:	2/17/26 1050
Sample Number:		PID Readings: N/A	
Weather Conditions:	PARTLY CLOUDY		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 4.33
2. Intake Depth (±0.01 ft.) 55.43
3. Bottom of casing (±0.01 ft.) 57.43
4. Casing Diameter (inches) 2.0"
5. Actual Volume of Water Purged (mL) 8000
6. Purge Water Characteristics:
   - Odor: None
   - Color: Cloudy
   - Turbidity:
7. Purge Rate (mL/min) 100
7. Water Level Measuring Equip. Geotech
8. Purge Equipment Used Bladder
9. Dedicated? (Yes/No) Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Drawdown. Water Level	Notes
1100	-							2.56	
1105	500	19.7	6485	-78.9	.99	37.9	6.10	3.09	
1110	1000	19.9	6499	-86.8	.54	84.0	6.06	3.85	
1115	1500	19.9	6479	-88.1	.60	75.3	6.06	4.25	
1120	2000	20.1	6510	-85.5	.56	77.3	6.04	4.80	
1125	2500	20.0	6515	-85.6	.50	70.9	6.03	5.24	
1130	3000	20.1	6508	-82.2	.46	64.0	6.03	5.73	
1135	3500	20.3	6511	-81.8	.43	53.2	6.03	6.04	
1140	4000	20.2	6509	-79.5	.43	49.4	6.02	6.41	
1145	4500	20.2	6511	-76.8	.44	47.3	6.02	6.76	
1150	5000	20.3	6520	-75.1	.41	47.0	6.02	7.12	
1155	5500	20.3	6511	-75.0	.43	46.2	6.02	7.33	
1200	6000	20.3	6512	-74.8	.42	46.6	6.02	7.56	
1205	6500	20.5	6504	-76.5	.42	45.3	6.02	7.76	
1210	7000	20.6	6529	-78.7	.42	44.7	6.01	8.01	
1215	7500	20.6	6524	-79.6	.47	43.0	6.02	8.20	
1220	8000	20.6	6514	-80.8	.44	43.8	6.02	8.40	
1225	Begin Sampling								
1330	Pump off								

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? (Yes) / No
3. Sampling Equip. Used
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min)
6. Sample Appearance:
   - Turbidity
   - Color
   - Odor
7. Time to recharge (min):
8. Sample Time: 1225
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	WRC
MW Identification:	SFL MW-3D	Date/Time:	2/17/20 1420
Sample Number:		PID Readings: N/A	
Weather Conditions:			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.26	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	59.20	7. Water Level Measuring Equip.	Desalt
3. Bottom of casing (±0.01 ft.)	61.70	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	16,000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: none	Turbidity: Cldy	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Dark gray			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown / Water Level	Notes
		+/- 3%	+/- 3%	+/- 10mv	+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	< 10 NTU	+/- 0.1		
1425	-							19.91	
1430	1000	23.5	6407	-116.7	0.53	41.6	6.41	20.38	
1435	2000	23.5	6421	-128.8	0.45	16.2	6.41	20.42	
1440	3000	23.4	6433	-138.6	0.48	10.5	6.42	20.48	
1445	4000	23.3	6434	-140.9	0.44	7.41	6.42	20.50	
1450	5000	23.3	6440	-141.7	0.38	5.55	6.42	20.49	
1455	6000	23.3	6426	-143.6	0.37	4.94	6.43	20.52	
1500	7000	23.4	6419	-145.5	0.34	4.13	6.43	20.57	
1505	8000	23.4	6406	-146.5	0.35	3.57	6.44	20.52	
1510	9000	23.3	6389	-148.1	0.33	3.63	6.45	20.53	
1515	10000	23.3	6380	-148.9	0.35	3.11	6.45	20.55	
1520	11000	23.3	6365	-150.4	0.31	2.88	6.46	20.56	
1525	12000	23.4	6350	-150.6	0.34	2.86	6.46	20.55	
1530	13000	23.5	6340	-150.5	0.31	2.90	6.47	20.54	
1535	14000	23.2	6328	-151.1	0.33	2.94	6.47	20.55	
1540	15000	23.3	6319	-152.6	0.30	2.82	6.48	20.60	
1545	16000	23.2	6303	-153.0	0.30	2.64	6.48	20.60	
1550	Begin Sampling								

1610 End Sampling / Pump off

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1550
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Decon Pump and take EB1 @ 1630

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	RdL
MW Identification:	SFL MW-4S	Date/Time:	2.17.26 / 1505
Sample Number:		PID Readings: N/A	
Weather Conditions:	Pt/y Cloudy, warm, wind		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.06	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	22.20	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	24.26	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	3500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics: Initial		11. Thickness of immiscible layer	
Odor NO	Turbidity Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color Clear			

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown.	Notes
1430	START PUMP	—	—	—	—	—	—	15.92	
1435	500	24.1	12405	310.1	1.41	4.14	4.28	16.18	
1440	1000	24.1	12399	315.0	1.28	3.07	4.28	16.40	
1445	1500	23.9	12388	352.5	1.07	1.16	4.12	16.52	
1450	2000	23.9	12350	369.9	0.95	1.48	4.01	16.71	
1455	2500	23.9	12394	378.5	0.90	1.61	3.96	16.90	
1500	3000	23.8	12391	377.4	0.91	1.49	3.95	17.08	
1505	3500	START SAMPLE							
1530	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1505
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	None		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	WRC
MW Identification:	SFL MW-5D	Date/Time:	2/17/2026 0750
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy/Cool		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 24.60
2. Intake Depth (±0.01 ft.) 65.10
3. Bottom of casing (±0.01 ft.) 67.10
4. Casing Diameter (inches) 2.0"
5. Actual Volume of Water Purged (mL) ~~8400~~ 9000
6. Purge Water Characteristics:
   - Odor: None
   - Color: Lt. Brown
   - Turbidity: High
7. Purge Rate (mL/min) 120
7. Water Level Measuring Equip. GeoTech
8. Purge Equipment Used Bladder
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0816								24.60	
0815	600	21.6	4786	6.1	.94	322	7.33	24.63	
0820	1200	21.6	4786	-30.8	.59	190	7.36	25.14	
0825	1800	21.8	4780	-46.0	.57	94.7	7.36	25.66	
0830	2400	21.7	4782	-65.4	.54	64.5	7.37	26.22	
0835	3000	21.8	4789	-77.6	.51	49.5	7.37	26.96	
0840	3600	21.8	4798	-82.1	.51	60.0	7.37	27.32	
0845	4200	21.5	4800	-88.3	.48	45.3	7.37	27.83	
0850	4800	21.6	4777	-92.3	.46	43.1	7.38	28.32	
0855	5400	21.5	4781	-95.7	.44	45.6	7.37	28.72	
0900	6000	21.6	4800	-98.8	.44	44.3	7.37	29.12	
0905	6600	21.6	4797	-102.5	.42	37.4	7.37	29.62	
0910	7200	21.7	4791	-105.6	.42	34.4	7.37	30.09	
0915	7800	21.7	4789	-110.4	.40	33.9	7.36	30.59	
0920	8400	21.6	4792	-113.2	.40	35.1	7.36	30.85	
0925	9000	21.7	4811	-119.5	.39	33.3	7.36	31.33	
0930	Begin Sample								
1020	End Sample / Pump off								

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? (Yes) / No
3. Sampling Equip. Used
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min)
6. Sample Appearance:
   - Turbidity
   - Color
   - Odor
7. Time to recharge (min): —
8. Sample Time: 0930
9: Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: GCSES	Sampler Name(s):	PWC/WRC
	MW Identification: SFL MW-6D	Date/Time:	2/18/26/1435
	Sample Number:	PID Readings: N/A	
	Weather Conditions: Overcast, warm		
	Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])		7. Purge Rate (mL/min)	N/A
2. Intake Depth (±0.01 ft.)		7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)		8. Purge Equipment Used	
4. Casing Diameter (inches)		9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1500	—	22.1	4780	134.4	3.93	5.14	6.46	59.15	
			Bailer						

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	MWL
MW Identification:	SFL MW-7S	Date/Time:	2-17-26 / 1345
Sample Number:		PID Readings: N/A	
Weather Conditions:	Overcast, warm, windy		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	14.42	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	27.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	29.15	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	7000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:	Initial	11. Thickness of immiscible layer	
Odor: None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1310	START PUMP	—	—	—	—	—	—	14.22	
1315	1000	23.2	15814	160.8	0.87	5.12	5.71	14.35	
1320	2000	23.0	15756	170.4	0.53	2.58	5.69	14.36	
1325	3000	23.7	15447	171.3	0.44	0.71	5.73	14.37	
1330	4000	23.7	14861	167.9	0.34	1.42	5.77	14.39	
1335	5000		14727	162.4	0.37	1.14	5.79	14.40	
1340	6000	23.6	14566	158.9	0.36	0.91	5.81	14.41	
1345	7000	START	SAMPLE						
1400	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1345
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	None		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

ASD #7

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP PZ-1	Date/Time:	2-16-2026 / 0935
Sample Number:		PID Readings: N/A	
Weather Conditions:	Foggy, cool		
Wellhead Inspection:	Average		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	(Yes) / No	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	6.74	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	34.60	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	36.88	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:	Initial	11. Thickness of immiscible layer	
Odor: None / Turbidity: Slight		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Drawdown Water Level	Notes
0855	START PUMP	—	—	—	—	—	—	6.65	
0900	750	19.5	9599	111.2	0.84	16.10	4.37	8.45	
0905	1500	19.7	9559	136.1	0.66	9.68	4.43	9.00	
0910	2250	19.7	9470	186.8	0.92	3.71	4.67	9.35	
0915	3000	20.0	9409	144.6	1.52	1.31	4.77	9.73	
0920	3750	20.1	9432	146.2	1.68	2.34	4.71	10.00	
0925	4500	20.1	9446	150.3	1.81	4.59	4.71	10.28	
0930	5250	20.1	9453	152.1	1.73	3.58	4.69	10.47	
0935	6000	START SAMPLE							
0955	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0935
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	Clear		
Color	None		
Odor	None		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	SFL MW-8S	Date/Time:	2-17-26 / 0905
Sample Number:		PID Readings: N/A	0910 FD-1 *
Weather Conditions:	Foggy, Cool		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	11.96	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	21.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	23.00	8. Purge Equipment Used	Peri,
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics: Initial		11. Thickness of immiscible layer	
Odor: None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0830	START PUMP	—	—	—	—	—	—	0.98	
0835	750	19.1	6043	338.4	1.71	12.5	2.86	12.28	
0840	1500	19.4	6119	360.2	0.74	7.25	3.02	12.30	
0845	2250	19.6	6127	364.0	0.60	5.37	3.08	12.32	
0850	3000	19.5	6125	363.3	0.49	4.13	3.10	12.33	
0855	3750	19.5	6126	360.7	0.47	3.68	3.18	12.34	
0900	4500	19.6	6120	359.9	0.45	3.15	3.20	12.34	
0905	5250	START	SAMPLE						
0945	STOP PUMP								
0910	Collect	FD-1							

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0905 / 0910
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	Clear		
Color	Clear		
Odor	No		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	2-17-26 / 1045
MW Identification:	SFL MW-8D	Date/Time:	PWL
Sample Number:		PID Readings: N/A	
Weather Conditions:	Foggy, cool, fog lifts, dry cloudy		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	9.88	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	44.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	46.66	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics: Initial		11. Thickness of immiscible layer	
Odor: None Turbidity: 1564.20 clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: grey to clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Drawdown Water Level	Notes
1010	Start pump	-	-	-	-	-	-	9.78	
1015	750	21.1	2655	61.4	2.14	16.6	6.93	11.12	
1020	1500	21.2	2641	9.7	0.67	10.7	6.95	11.51	
1025	2250	21.1	2601	9.8	0.62	6.04	6.88	11.66	
1030	3000	21.2	2566	15.2	0.60	4.44	6.52	11.85	
1035	3750		2568	15.2	0.69	4.28	6.51	12.01	
1040	4500	21.5	2570	15.5	0.70	4.19	6.52	12.24	
1045	5250	START SAMPLE							
1105	STOP PUMP								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1045
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	Clear		
Color	Clear		
Odor	None		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: GCSES	Sampler Name(s):	PWC
	MW Identification: MNW - 15 D	Date/Time:	2.17.26 / 1215
	Sample Number:	PID Readings:	N/A
	Weather Conditions:	Partly Cloudy, cool, windy	
	Wellhead Inspection:	Good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	5.37	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	50.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	52.45	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:	Initial	11. Thickness of immiscible layer	
Odor: None	Turbidity: Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown.	Notes
1140	START Pump	—	—	—	—	—	—	5.22	
1145	1000	22.2	4519	45.6	0.94	13.6	6.58	5.94	
1150	2000	22.2	4565	36.2	0.62	12.6	6.57	6.01	
1155	3000	22.3	4565	36.5	0.57	11.6	6.59	6.03	
1200	4000	22.2	4563	38.3	0.50	9.15	6.51	6.03	
1205	5000	22.2	4561	39.5	0.49	8.56	6.45	6.03	
1210	6000	22.2	4562	39.9	0.49	8.01	6.44	6.04	
1215	7000	START	SAMPLE						
1234	STOP Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1215
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	None		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP MW-1	Date/Time:	2.18.26 / 1200
Sample Number:		PID Readings: N/A	1205 *
Weather Conditions:	Cloudy, warm, windy		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.55	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	23.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	25.01	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	7000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics: Initial		11. Thickness of immiscible layer	
Odor None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown.	Notes
1125	START PUMP	—	—	—	—	—	—	15.30	
1130	1000	23.4	1945	156.9	1.95	3.98	5.93	15.60	
1135	2000	23.3	1909	124.5	0.60	2.16	5.74	15.62	
1140	3000	22.9	1900	135.8	0.41	0.67	5.76	15.63	
1145	4000	23.0	1888	140.3	0.36	0.31	5.45	15.64	
1150	5000	23.0	1899	145.6	0.32	0.12	5.43	15.65	
1155	6000	23.0	1905	149.3	0.30	0.02	5.43	15.65	
1200	(7000) START SAMPLE								
1232	STOP PUMP								
* 1205	Collect FD-2		from AP MW-1						
~~1232~~									

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1200
3. Sampling Equip. Used		9: Parameter/Container/Pres.	1205 (dup) App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP MW-1D (old)	Date/Time:	2-18-26 / 1325
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cldy, warm, windy		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.59	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	41.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	43.04	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:	Initial	11. Thickness of immiscible layer	
Odor: None	Turbidity: Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1250	START PUMP	-	-	-	-	-	-	16.32	
1255	750	22.8	1262	164.5	0.88	1.41	6.12	16.60	
1300	1500	22.7	1259	195.9	0.54	0.51	5.87	16.61	
1305	2250	22.6	1257	211.7	0.43	0.02	5.86	16.62	
1310	3000	22.6	1258	228.1	0.39	0.20	5.86	16.62	
1315	3750	22.6	1258	230.8	0.35	0.44	5.85	16.63	
1320	4500	22.6	1258	232.8	0.35	0.45	5.85	16.63	
1325	START SAMPLE		(5250 ml)						
1336	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1325
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	None		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD #9		Sampler Name(s): JRC	
MW Identification: APMW-3D		Date/Time: 2/7&8/26	1230
Sample Number:		PID Readings: N/A	
Weather Conditions:			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	13.52	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	54.96	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	56.96	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	12000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: None Turbidity: Slightly Cloudy		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: -			

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown.	Notes
1235	-							12.52	
1240	750	22.9	1894	-70.8	0.53	20.3	5.37	15.21	
1245	1500	22.7	1886	-101.1	0.42	39.2	5.34	15.80	
1250	2250	22.6	1925	-114.5	0.33	59.4	5.30	16.10	
1255	3000	22.6	2054	-122.3	0.30	61.6	5.23	16.47	
1300	3750	22.5	2083	-125.6	0.28	64.7	5.22	16.65	
1305	4500	22.3	2106	-69.3	0.30	37.7	5.21	16.79	Rinse Flow through Cell @ 1300
1310	5250	22.3	2161	-119.0	0.28	31.5	5.17	17.00	
1315	6000	22.4	2178	-127.8	0.27	24.3	5.16	17.09	
1320	6750	22.4	2189	-131.4	0.28	25.4	5.15	17.23	
1325	7500	22.4	2195	-131.9	0.28	18.0	5.15	17.30	
1330	8250	22.3	2207	-132.9	0.29	15.4	5.14	17.35	
1335	9000	22.3	2225	-130.9	0.29	13.6	5.13	17.40	
1340	9750	22.2	2220	-132.6	0.28	11.8	5.13	17.45	
1345	10500	22.2	2223	-132.1	0.29	10.0	5.14	17.50	
1350	11250	22.2	2225	-131.9	0.28	9.46	5.14	17.60	
1355	12000	22.2	2237	-133.8	0.27	8.96	5.14	17.60	
1400	Begin Sample								
1420	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes (No)	8. Sample Time:	1420
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP MW-4S	Date/Time:	2-18-26 / 1030
Sample Number:		PID Readings:	N/A
Weather Conditions:	Partly Cloudy, warm		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.12	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	36.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	38.90	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	7750	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:	Initial	11. Thickness of immiscible layer	
Odor: None / Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown.	Notes
0935	START PUMP	—	—	—	—	—	—	19.85	
0940	750	22.6	3404	26.0	1.85	8.42	6.42	20.00	
0945	1500	22.4	3337	41.9	0.71	5.44	6.25	19.99	
0950	2250	23.0	3207	57.1	0.65	2.41	5.83	19.99	
0955	3000	23.2	3027	63.2	0.61	1.99	5.63	19.98	
1000	3750	22.8	2811	90.0	0.45	4.16	5.31	19.98	
1005	4250	22.7	2377	265.3	0.44	5.15	4.86	19.98	
1010	5000	22.4	1872	256.1	0.55	8.76	4.31	19.98	
1015	5750	22.5	1784	257.0	0.73	6.93	4.35	19.98	
1020	6250	22.5	1773	261.2	0.83	5.53	4.28	19.98	
1025	7000	22.5	1769	265.1	0.86	4.22	4.27	19.98	
1030	START SAMPLE		(7750 ml)						
1053	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1030
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD #7		Sampler Name(s): WRC	
MW Identification: AP MW-5D		Date/Time: 2/18/2026	1030
Sample Number:		PID Readings: N/A	
Weather Conditions: Cloudy / windy			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.88	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	54.16	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	56.10	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.01"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	9000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: more	Turbidity: Cloudy	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: -			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown.	Notes
		+/- 3%	+/- 3%	+/- 10mv	+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	< 10 NTU	+/- 0.1	Water Level	
1035	-							15.78	
1040	750	22.6	7520	23.1	1.14	51.2	4.24	16.33	
1045	1500	22.7	7521	5.1	0.49	33.1	3.71	16.40	
1050	2250	22.6	7519	-14.9	0.45	28.7	3.65	16.47	
1055	3000	23.0	7518	-49.4	0.42	20.6	3.62	16.42	
1100	3750	22.6	7684	-54.8	0.41	24.1	3.62	16.42	
1105	4500	22.5	7518	-68.3	0.39	14.0	3.62	16.43	
1110	5250	22.9	7518	-79.1	0.38	12.9	3.66	16.42	
1115	6000	23.0	7518	-90.8	0.35	11.8	3.68	16.44	
1120	6750	23.1	8180	-110.1	0.35	10.6	3.70	16.44	
1125	7500	23.3	8179	-111.6	0.35	9.45	3.72	16.42	
1130	8250	22.9	8271	-115.6	0.33	9.08	3.73	16.43	
1135	9000	22.7	8212	-114.9	0.34	8.39	3.73	16.46	
1140	Begin Sample								
1210	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1140
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD #7		Sampler Name(s): WRC	
MW Identification:	APMW-75	Date/Time:	7/16/26 0710
Sample Number:		PID Readings: N/A	
Weather Conditions:	Clear		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	21.40	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	36.75	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	38.75	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	7250	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of Immiscible Layer	NA
Odor: None Turbidity:		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear/Slightly Cloudy			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Water Level Drawdown	Notes
		+/- 3%	+/- 3%	+/- 10mv	+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	< 10 NTU	+/- 0.1		
0715								20.85	
0720	750	20.2	141.2	34.5	2.46	34.1	6.00	22.58	
0725	1500	20.6	150.1	53.6	2.24	17.9	5.12	22.91	
0730	2250	20.6	154.2	93.0	1.88	13.3	4.90	23.46	
0735	3000	20.6	150.9	106.2	1.81	10.8	4.70	24.16	
0740	3750	20.8	115.4	114.3	1.70	8.87	4.67	24.75	
0745	4500	20.8	116.2	119.4	1.82	7.50	4.63	25.10	
0750	7250	20.6	117.4	119.2	1.60	6.67	4.61	25.48	
0755	Begin Sampling								
0815	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0755
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASH7	Sampler Name(s):	WRC
MW Identification:	AP MW-7D	Date/Time:	2/12/26 0820
Sample Number:		PID Readings: N/A	
Weather Conditions:	Partly Cloudy		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.48	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	55.38	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	50.38	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	6000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	ND
Odor: None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0830	-							21.75	
0835	750							22.50	
0840	1500	21.2	4378	-16.7	2.03	8.98	7.02	23.21	
0845	2250	21.1	5025	-90.4	0.51	24.60	6.84	23.87	
0850	3000	21.1	5044	-102.6	0.50	14.20	6.84	24.42	
0855	3750	21.2	5037	-110.2	0.48	12.40	6.84	24.95	
0900	4500	21.5	5045	-114.0	0.44	8.20	6.84	25.37	
0905	5250	21.5	5057	-120.9	0.42	6.86	6.83	25.89	
0910	6000	21.0	5057	-122.9	0.40	5.22	6.84	26.38	
0915	Begin Sampling								
1000	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0915
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Decon Pump and Take EB-2 @ 1015

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	Phil
MW Identification:	AP PZ-4S	Date/Time:	2.18.26 / 0820
Sample Number:		PID Readings: N/A	
Weather Conditions:	PtCldy, 62°		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	12.68	7. Purge Rate (mL/min)	125 ~~100~~
2. Intake Depth (±0.01 ft.)	36.80	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	38.82	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	4375	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics: Initial		11. Thickness of immiscible layer	
Odor: None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0745	START PUMP	~	~	~	~	~	~	12.66	
0750	625	20.8	10325	63.2	0.87	22.3	6.05	14.59	
0755	1250	21.1	10366	61.03	0.61	9.98	6.15	15.26	
0800	1875	21.1	10359	20.90	0.51	6.70	6.23	15.98	
0805	2500	21.2	10379	17.1	0.47	4.17	6.26	16.71	
0810	3125	21.2	10362	13.4	0.45	4.99	~~5.287~~	17.50	pH 6.28
0815	3750	21.3	10356	12.1	0.42	5.18	~~5.778~~	18.06	pH 6.29
0820	4375	START	SAMPLE						
0848	STOP Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0820
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	125		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	None		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): PMC
MW Identification: AP PZ-4		Date/Time: 2.16.26 / 1130
Sample Number:		PID Readings: N/A
Weather Conditions: Pt/y Cldy, cool		
Wellhead Inspection: Arg		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	11.30	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	44.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	46.41	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	4000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:	Initial	11. Thickness of immiscible layer	
Odor: No	Turbidity: Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Drawdown. Water Level	Notes
1050	START PUMP	—	—	—	—	—	—	11.26	
1055	500	20.9	7035	179.5	2.49	2.01	7.48	13.20	
1100	1000	20.9	7063	124.3	0.94	1.53	8.40	14.08	
1105	1500	20.9	7071	127.5	0.77	1.27	8.52	14.94	
1110	2000	21.0	7064	128.7	0.64	1.11	8.56	15.72	
1115	2500	21.0	7071	127.9	0.65	0.94	8.58	16.55	
1120	3000	21.1	7064	125.9	0.63	0.32	8.59	17.38	
1125	3500	21.1	7061	125.8	0.61	0.28	8.59	18.01	
1130	4000	START SAMPLE							
1155	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1130
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	Clear		
Color	None		
Odor	None		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD#7		Sampler Name(s):	WRC
MW Identification:	SSP MW-7D	Date/Time:	2/19/26 1225
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy, warm		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.43	7. Purge Rate (mL/min)	160
2. Intake Depth (±0.01 ft.)	62.90	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	64.90	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	13,600	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: Slight Sulfur Turbidity: Very cloudy		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: gray			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1230	-							21.37	
1235	-								
1240	2400	25.9	9799	-198.4	0.60	659	5.81	23.15	
1245	3200	25.8	9921	-225.6	0.38	635	5.70	23.85	
1250	4000	25.6	9955	-210.9	0.46	270	5.63	24.42	Emptied flow through cell
1255	4800	25.1	10078	-228.0	0.32	235	5.66	24.86	Sulfur odor
1300	5600	25.0	10142	-228.1	0.29	135	5.64	25.22	
1305	6400	24.8	10117	-230.5	0.28	80.8	5.66	25.54	
1310	7200	25.2	10133	-230.7	0.25	62.8	5.66	25.79	
1315	8000	25.5	10140	-232.8	0.24	60.6	5.68	25.99	
1320	8800	25.2	10140	-224.0	0.32	83.0	5.73	26.17	
1325	9600	25.1	10146	-232.3	0.25	94.1	5.76	26.33	
1330	10400	25.3	10110	-235.6	0.22	91.4	5.77	26.46	
1335	11200	25.5	10151	-234.1	0.21	89.2	5.75	26.58	
1340	12000	24.1	10146	-236.8	0.24	83.8	5.75	26.71	
1345	12800	24.1	10153	-236.2	0.22	83.7	5.75	26.81	
1350	13600	24.7	10108	-235.8	0.21	83.8	5.75	26.91	
1355	Start Sample								

1430 Pump off

1. Well evacuated to dryness?	Yes (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1355
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: GCSES ASD #7	Sampler Name(s): WRC	
	MW Identification: SSP MW-3D	Date/Time: 2/19/2026 1630	
	Sample Number:	PID Readings: N/A	
	Weather Conditions: Cloudy, drizzle		
	Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 28.40
2. Intake Depth (±0.01 ft.) 58.5
3. Bottom of casing (±0.01 ft.) 60.5
4. Casing Diameter (inches) 2.0
5. Actual Volume of Water Purged (mL) 7200
6. Purge Water Characteristics:
   - Odor: None
   - Color: —
   - Turbidity: Only
7. Purge Rate (mL/min) 120
7. Water Level Measuring Equip. Heated
8. Purge Equipment Used Bladder
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1040	-							26.95	
1045	600	21.7	7409	-86.9	0.60	111	4.67	29.18	
1050	1200	21.7	7415	-100.2	0.48	62.2	4.66	29.33	
1055	1800	21.8	7413	-116.3	0.38	44.3	4.64	29.54	
1100	2400	21.8	7413	-125.7	0.35	29.4	4.63	29.62	
1105	3000	21.6	7414	-136.6	0.32	21.2	4.62	29.66	
1110	3600	21.7	7409	-142.5	0.31	18.6	4.61	29.65	
1115	4200	21.8	7409	-148.9	0.30	14.7	4.60	29.66	
1120	4800	22.0	7408	-156.0	0.28	14.4	4.59	29.66	
1125	5400	21.9	7412	-163.5	0.28	13.7	4.59	29.66	
1130	6000	22.0	7409	-166.4	0.28	9.26	4.58	29.66	
1135	(6600)	22.0	7408	-166.4	0.27	8.48	4.58	29.66	
1140	7200	22.1	7409	-170.8	0.25	6.97	4.57	29.66	
1145	Begin Sampling								
1210	Pump off								

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used
4. Drive Gas (Air/Nitrogen) AIR/NITROGEN/ N/A
5. Sample Rate (mL/min)
6. Sample Appearance:
   - Turbidity
   - Color
   - Odor
7. Time to recharge (min):
8. Sample Time: 1145
9. Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	Sampler Name(s):	PWC
MW Identification: SSP MW-4S	Date/Time:	2-19-26
Sample Number:	PID Readings: N/A	
Weather Conditions: Overcast, warm		
Wellhead Inspection: Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	25.58	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	35.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	37.08	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0945	START Pump	—	—	—	—	—	—	25.39	
0950	750	22.3	5107	255.3	1.75	1.98	3.41	25.69	
0955	1500	22.2	5240	274.4	0.67	1.55	3.41	25.69	
1000	2250	22.2	5232	278.7	0.56	0.38	3.41	25.70	
1005	3000	22.2	5231	281.2	0.49	0.31	3.40	25.71	
1010	3750	22.2	5223	286.3	0.48	0.38	3.40	25.72	
1015	4500	22.2	5219	285.6	0.43	0.39	3.40	25.73	
1020	START SAMPLE		(5250 ml)						
* 1025	FD-3 Collected								
1112	STOP Pump								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR/NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES — Sampler Name(s): PWC
MW Identification: SSP MW-5S — Date/Time: 2.19.26 / 1235
Sample Number: — PID Readings: N/A
Weather Conditions: Overcast, warm
Wellhead Inspection: Good

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.82	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	42.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	44.15	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics: Initial		11. Thickness of immiscible layer	
Odor: None — Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1155	START PUMP	—	—	—	—	—	—	20.51	
1200	750	23.5	8789	6.4	1.05	12.1	5.85	20.82	
1205	1500	23.6	8395	-18.1	0.55	10.2	5.76	20.88	
1210	2250	23.7	7892	29.3	0.47	3.95	5.39	20.91	
1215	3000	23.7	7373	87.7	0.49	4.98	5.10	20.92	
1220	3750	23.9	7188	160.1	0.47	3.12	5.04	20.93	
1225	4500	23.9	7186	163.4	0.45	2.98	5.01	20.96	
1230	5250	23.8	7203	165.9	0.39	1.97	5.01	20.99	
1235	START SAMPLE		(6000 mL)						
1305	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1235
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:		9. Other Information:	
Turbidity	Clear		
Color	"		
Odor	None		

10. Decontamination Procedures: Alconox/DI Rinse
11. Instrument type: YSI ProSeries
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

SSP MW5-D

Low Stress Groundwater Sampling Data Sheet

HDR

Facility Name: GCSES ASD#7 | Sampler Name(s): WRC
MW Identification: SSP MW-5D | Date/Time: 2/19/26 0715
Sample Number: | PID Readings: N/A
Weather Conditions: Cloudy. Cool
Wellhead Inspection:

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / ~~No~~
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.92	7. Purge Rate (mL/min)	~130
2. Intake Depth (±0.01 ft.)	62.00	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	64.45	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	11,700	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor: None	Turbidity: Cloudy	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level / ~~Drawdown~~	Notes
0725								23.31	
0730	650	21.2	4675	-121.6	0.75	68.7	6.71	24.35	
0735	1300	21.2	4661	-100.7	1.25	60.2	6.71	24.37	
0740	1950	21.0	4886	-84.9	2.11	52.1	6.73	24.38	
0745	2600	21.0	4886	-125.9	0.72	33.6	6.73	24.46	
0750	3250	21.0	4895	-135.6	0.64	25.7	6.74	24.51	
0755	3900	21.0	4881	-144.5	0.59	25.7	6.74	24.58	
0800	4550	21.1	4865	-152.6	0.56	20.7	6.75	24.61	
0805	5200	21.1	4840	-165.8	0.52	16.4	6.76	24.67	
0810	5850	21.1	4828	-193.1	0.53	14.7	6.76	24.70	
0815	6500	21.1	4815	-182.8	0.49	13.6	6.77	24.73	
0820	7150	21.2	4807	-190.7	0.45	13.4	6.77	24.78	
0825	7800	21.2	4806	-145.5	0.44	13.0	6.78	24.77	
0830	8450	21.2	4805	-144.0	0.43	11.7	6.78	24.80	
0835	9100	21.3	4805	-203.6	0.41	11.7	6.78	24.86	
0840	9750	21.3	4806	-204.2	0.40	10.8	6.78	24.92	
0845	10400	21.3	4804	-205.1	0.41	10.0	6.78	24.92	
0850	11050	21.2	4807	-206.3	0.42	9.25	6.78	24.91	
0855	11700	21.3	4805	-208.3	0.38	9.15	6.78	24.44	

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used:
4. Drive Gas (Air/Nitrogen): AIR /NITROGEN/ N/A
5. Sample Rate (mL/min):
6. Sample Appearance:
   - Turbidity:
   - Color:
   - Odor:
7. Time to recharge (min):
8. Sample Time: 0900
9. Parameter/Container/Pres.: App. III and App. IV CCR Parameters; Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures: Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Begin Sampling 0900

Pump off @ 0955

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES
MW Identification: SSP MW-6S
Sample Number:
Weather Conditions: Mtly Cloudy, Warm
Wellhead Inspection: Good

Sampler Name(s): PWL
Date/Time: 2.19.26 / 1415
PID Readings: N/A

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	8.52	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	34.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	36.88	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	7000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics: Initial		11. Thickness of immiscible layer	
Odor: No / Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1340	START PUMP	—	—	—	—	—	—	8.13	
1345	1000	23.9	8265	134.1	0.57	12.7	5.14	8.77	
1350	2000	23.7	8281	145.9	0.38	10.1	5.09	8.83	
1355	3000	23.9	8306	149.6	0.31	9.91	5.05	8.92	
1400	4000	23.5	8400	151.3	0.29	9.93	5.03	8.56	
1405	5000	23.9	8381	153.2	0.26	9.88	5.03	9.00	
1410	6000	24.0	8410	154.7	0.26	8.99	5.02	9.03	
1415	START SAMPLE (7000 ml)								
1430	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1415
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: Alconox/DI Rinse
11. Instrument type: YSI ProSeries
Calibration Date:
Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	Sampler Name(s): PWC
MW Identification: SSP MW-6D	Date/Time: 2-19-26
Sample Number:	PID Readings: N/A
Weather Conditions:	
Wellhead Inspection:	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	7.72	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	51.56	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	53.64	8. Purge Equipment Used	
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:	Initial	11. Thickness of immiscible layer	
Odor: None / Turbidity: Slight		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Slight			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1450	START PUMP	—	—	—	—	—	—	7.61	
1455	750	24.4	6398	-33.5	0.94	43.7	6.26	9.68	
1500	1500	24.2	6399	-49.9	0.59	15.7	6.28	10.53	
1505	2250	24.1	6385	-56.7	0.48	8.25	6.28	11.65	
1510	3000	24.1	6365	-62.1	0.40	6.35	6.27	12.21	
1515	3750	24.1	6355	-63.5	0.39	4.50	6.28	13.36	
1520	4500	24.1	6345	-64.9	0.38	4.61	6.28	13.99	
1525	START SAMPLE	(5250 ml)							
1547	STOP PUMP								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

March & April 2026 Event

SFL MW-1S(R)-Proposed

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	Sampler Name(s): AWC/WRC
MW Identification: SFL MW-1S	Date/Time: 3.30.26/0755
Sample Number:	PID Readings: N/A
Weather Conditions:	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

27.41 1. Static Water Level (±0.01 feet [ft.])	27.29	7. Purge Rate (mL/min)	Bailer
2. Intake Depth (±0.01 ft.)	N/A	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	38.50	8. Purge Equipment Used	
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	N/A	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
	*				0.88			27.41	
0755		21.6	8989	-4.5	~~1.06~~	18.0	6.13		
			* Bailer						
			Filtered Diss. Solids Sample						

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	0755
3. Sampling Equip. Used		9: Parameter/Container/Pres.	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters	
5. Sample Rate (mL/min)		Na, Mg, K, Fe, Al, Alkalinity	
6. Sample Appearance:			
Turbidity		9. Other Information:	
Color			
Odor			

10. Decontamination Procedures:
Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

(R)

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	Sampler Name(s): RWC
MW Identification: SFL MW-15 Confirmatory	Date/Time: 3.30.26 / 0920
Sample Number:	PID Readings: N/A
Weather Conditions: Overcast, Warm	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.84	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	28.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	30.80	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0845	START TIME	—	—	—	—	—	—	16.87	
0850	750	21.3	9154	143.7	4.4	5.32	3.56	17.57	
0855	1500	21.5	9089	276.4	2.25	1.66	3.57	17.63	
0900	2250	21.4	9144	353	1.20	1.53	3.57	17.65	
0905	3000	21.5	9023	359.5	1.29	2.38	3.58	17.67	
0910	3750	21.5	9015	363.1	1.33	3.17	3.58	17.69	
0915	4500	21.5	9010	362.1	1.35	3.40	3.58	17.70	
0920	START SAMPLE	(5250 ml)							
0935	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0920
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD #8	Sampler Name(s):	WRC
MW Identification:	SFL-MW-2D	Date/Time:	3/30/26
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	3.94	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	55.43	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	57.43	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	6000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: none	Turbidity: Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: -			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1130	-							1.75	
1135	500	22.7	6582	-34.3	3.06	9.28	6.38	2.84	
1140	1000	22.4	6727	-44.1	1.00	59.8	6.17	3.92	
1145	1500	22.4	6741	-51.2	0.55	58.3	6.14	4.58	
1150	2000	22.5	6742	-54.9	0.50	63.3	6.13	5.19	
1155	2500	22.9	6743	-60.1	0.49	64.7	6.13	5.74	
1200	3000	23.3	6729	-65.3	0.44	64.8	6.12	6.30	
1205	3500	23.1	6764	-70.8	0.40	62.4	6.09	6.82	
1210	4000	23.0	6749	-70.7	0.40	74.0	6.11	7.25	
1215	4500	24.1	6760	-76.6	0.35	78.6	6.10	7.77	
1220	5000	24.1	6744	-82.3	0.32	86.4	6.09	8.33	
1225	5500	24.2	6761	-86.0	0.32	90.6	6.09	8.65	
1230	6000	24.1	6758	-92.2	0.31	97.2	6.08	9.14	*Turbidity increasing
1235	Begin Sample								
1325	Ship off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1235
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

EBI taken @ 1345

Low Stress Groundwater Sampling Data Sheet

HDR	Facility Name: GCSES ASD & E	Sampler Name(s): WRC	
	MW Identification:	Date/Time: 3/30/26	
	Sample Number: SFL MW-3D	PID Readings: N/A	
	Weather Conditions:		
	Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.02	7. Purge Rate (mL/min)	~~19.8~~ 200
2. Intake Depth (±0.01 ft.)	59.20	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	61.20	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: none Turbidity: Cloudy		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: —			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1415	-							19.84	Soft Bottom
1420	1000	24.5	6548	29.4	1.18	323	6.43	20.52	
1425	2000	24.9	6556	-82.6	0.50	135	6.44	20.57	
1430	3000	24.5	6535	-98.7	0.42	138	6.46	20.58	
1435	4000	24.6	6523	-106.2	0.35	161	6.46	20.55	
1440	5000	24.1	6515	-110.6	0.34	165	6.48	20.63	
1450	6000	23.9	6499	-111.5	0.32	163	6.49	20.65	
1455	7000	23.9	6493	-113.3	0.30	177	6.49	20.64	
1500	8000	23.7	6482	-113.8	0.30	183	6.50	20.65	
1505	9000	23.6	6459	-113.0	0.29	173	6.51	20.70	
1510	10000	23.9	6451	-114.1	0.28	162	6.51	20.70	
1515	11000	23.6	6452	-115.3	0.28	141	6.51	20.70	
1520	12000	24.0	6430	-116.0	0.26	125	6.52	20.72	
1525	13000	23.9	6421	-116.9	0.27	105	6.52	20.70	
1530	14000	24.0	6414	-117.7	0.26	86.3	6.52	20.72	
1535	15000	24.1	6405	-118.6	0.26	69.0	6.52	20.74	* High Turbidity
1540	Begin sample								
1605	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	~~15~~
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1540
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): RWC
MW Identification:	SFL MW-4S	Date/Time: 3.31.26 / 0820
Sample Number:		PID Readings: N/A
Weather Conditions:	P/Cl, Cloudy, cool	
Wellhead Inspection:	Good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.98	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	22.20	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	24.26	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	3500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
0745	START	—	—	—	—	—	—	15.91	
0750	500	21.7	12632	434.1	1.68	8.20	3.86	16.36	
0755	1000	21.8	12642	449.4	2.07	2.80	3.89	16.48	
0800	1500	21.8	12645	453.7	2.07	0.86	3.90	16.62	
0805	2000	21.8	12643	455.3	2.03	0.02	3.92	16.80	
0810	2500	21.8	12646	454.9	2.02	0.02	3.92	16.97	
0815	3000	21.8	12648	455.1	2.00	0.01	3.93	17.11	
0820	START SAMPLE	(3500 ml)							
0848	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):		10. Decontamination Procedures:	Alconox/DI Rinse
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0820	11. Instrument type: YSI ProSeries	
3. Sampling Equip. Used		9: Parameter/Container/Pres.		Calibration Date:	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters		Calibration Time:	
5. Sample Rate (mL/min)	100	Na, Mg, K, Fe, Al, Alkalinity			
6. Sample Appearance:	Clear				
Turbidity	"	9. Other Information:			
Color	"				
Odor	No				

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD#8		Sampler Name(s): WRC	
MW Identification: SFL-5D		Date/Time: 3/30/26 0830	
Sample Number:		PID Readings: N/A	
Weather Conditions: Cloudy			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / No	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / No		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	24.52	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	64.60	7. Water Level Measuring Equip.	Heron
3. Bottom of casing (±0.01 ft.)	67.10	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	8000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor: none Turbidity: Cloudy		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: -			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0845	-							23.30	
0850	500	21.0	4879	50.6	1.69	64.2	7.21	25.35	
0855	1000	21.1	4941	-0.3	0.99	119	7.28	25.79	
0900	1500	20.9	4942	-31.8	0.78	75.3	7.31	26.19	
0905	2000	21.2	4936	-55.8	0.66	68.3	7.33	26.55	
0910	2500	21.2	4944	-68.7	0.61	61.0	7.33	26.98	
0915	3000	21.1	4940	-78.0	0.58	69.8	7.33	27.51	
0920	3500	21.3	4941	-84.8	0.57	60.7	7.34	28.41	
0925	4000	21.4	4942	-89.4	0.52	64.3	7.33	28.96	
0930	4500	21.5	4945	-97.0	0.46	55.9	7.33	29.58	
0935	5000	21.3	4948	-101.1	0.46	53.3	7.33	30.09	
0940	5500	21.4	4938	-103.5	0.45	59.8	7.34	30.57	
0945	6000	21.6	4942	-106.5	0.45	47.1	7.33	31.04	
0950	6500	21.8	4939	-108.7	0.47	42.8	7.33	31.37	
0955	7000	21.6	4943	-111.1	0.46	48.4	7.32	31.79	
1000	7500	22.0	4925	-113.1	0.46	44.2	7.33	32.15	
1005	8000	23.3	4902	-122.5	0.43	44.2	7.31	32.63	
1010	Begin Sample								
1100	Pump off								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1010
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:		9. Other Information:	
Turbidity	Cloudy		
Color	-		
Odor	-		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): PWC/WRC
MW Identification: SFL MW-6D		Date/Time: 3-30-26 / 0730
Sample Number:		PID Readings: N/A
Weather Conditions:		
Wellhead Inspection: Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

56.84 1. Static Water Level (±0.01 feet [ft.])	~~56.84~~ 57.29	7. Purge Rate (mL/min)	N/A - Bailer
2. Intake Depth (±0.01 ft.)	N/A	7. Water Level Measuring Equip.	Heatech
3. Bottom of casing (±0.01 ft.)	74.92	8. Purge Equipment Used	
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	(Yes) / No
5. Actual Volume of Water Purged (mL)	N/A	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Water Level Drawdown	Notes
		+/- 3%	+/- 3%	+/- 10mv	+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	< 10 NTU	+/- 0.1		
	*							56.84	
0730		21.9	4494	50.7	0.51	8.32	7.09	—	
			* BAILER						
			Filtered	Diss.	Solid	Sample			

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	0730
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): PWC
MW Identification:	SFL MW-7S	Date/Time: 3-30-26 / 1545
Sample Number:		PID Readings: N/A
Weather Conditions:	PtCl Cloudy, warm, windy	
Wellhead Inspection:	Good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	14.62	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	27.00	7. Water Level Measuring Equip.	I
3. Bottom of casing (±0.01 ft.)	29.15	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	7000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown.	Notes
1510	START	—	—	—	—	—	—	14.66	
1515	1000	24.8	16498	139.7	0.33	8.19	5.45	14.79	
1520	2000	25.1	16080	127.6	0.23	5.76	5.50	14.81	
1525	3000	24.9	15592	120.4	0.22	6.72	5.53	14.81	
1530	4000	24.9	14836	105.7	0.19	4.54	5.58	14.81	
1535	5000	24.7	14799	103.1	0.19	4.01	5.59	14.83	
1540	6000	24.5	14599	100.2	0.18	3.98	5.61	14.84	
1545	SAMPLE	(7000 ml)							
1600	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1545
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR/NITROGEN/N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	Sampler Name(s):	PMC
MW Identification: SFL MW-8S	Date/Time:	3-30-26 / 1050
Sample Number:	PID Readings: N/A	
Weather Conditions: Cloudy, warm		
Wellhead Inspection: Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	12.08	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	21.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	23.00	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1015	START TIME	–	–	–	–	–	–	12.09	
1020	750	22.1	6246	374.9	0.33	3.88	3.55	12.51	
1025	1500	22.3	6235	371.1	0.23	9.20	3.56	12.52	
1030	2250	22.7	6228	368.5	0.20	8.03	3.57	12.53	
1035	3000	22.3	6208	364.0	0.18	7.48	3.58	12.54	
1040	3750	22.3	6204	363.3	0.18	6.86	3.58	12.55	
1045	4500	22.1	6200	360.5	0.17	5.30	3.58	12.55	
1050	5250	SAMPLE							
1105	STOP PUMP								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1050
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	Sampler Name(s):	PWC
MW Identification: SFL MW-8D	Date/Time:	3-30-26 / 1200
Sample Number:	PID Readings: N/A	1205 FD1
Weather Conditions: Cloudy, warm		
Wellhead Inspection: Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	9.85	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	49.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	46.66	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Slight		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: SL. Tint			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Drawdown Water Level	Notes
1125	START TIME	—	—	—	—	—	—	9.98	
1130	750	22.7	2651	-47.6	0.39	15.6	6.51	11.69	
1135	1500	23.1	2594	-40.2	0.36	11.3	6.49	11.99	
1140	2250	22.8	2552	-32.7	0.41	5.81	6.53	12.20	
1145	3000	22.7	2547	-27.3	0.46	2.15	6.55	12.37	
1150	3750	22.8	2550	-26.3	0.47	2.88	6.54	12.52	
1155	4500	23.0	2556	-25.1	0.49	4.21	6.53	12.60	
1200	(5250) START SAMPLE								
1243	STOP PUMP								
* 1205	Collect FD-1								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1200
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	1205 FD-1
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters	
5. Sample Rate (mL/min)	150	Na, Mg, K, Fe, Al, Alkalinity	
6. Sample Appearance:	Clear		
Turbidity	Clear	9. Other Information:	
Color	Clear		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	Sampler Name(s): PWC
MW Identification: MW-15D	Date/Time: 3-30-26 / 1420
Sample Number:	PID Readings: N/A
Weather Conditions: Partly Cldy, Warm	
Wellhead Inspection: Good	

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	5.45	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	50.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	52.45	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	13000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No / Turbidity: Slight		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Slight tan			

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1315	START	—	—	—	—	—	—	5.55	
1320	1000	25.0	4035	17.2	0.81	64.1	6.44	6.32	
1325	2000	25.0	3917	12.4	1.20	38.7	6.54	6.38	
1330	3000	25.2	4470	-2.9	0.32	24.7	6.30	6.41	
1335	4000	25.2	4536	-6.5	0.26	25.4	6.28	6.43	
1340	5000	25.1	4563	-7.8	0.22	20.1	6.27	6.45	
1345	6000	24.9	4571	-9.5	0.20	17.6	6.27	6.46	
1350	7000	25.5	4566	-10.7	0.21	14.3	6.26	6.46	
1355	8000	25.5	4555	-12.0	0.19	13.6	6.26	6.47	
1400	9000	24.7	4546	-12.3	0.20	11.1	6.26	6.49	
1405	10000	25.3	4550	-12.4	0.20	9.99	6.26	6.48	
1410	11000	25.4	4570	-11.4	0.22	9.98	6.27	6.47	
1415	12000	25.2	4576	-12.5	0.33	9.15	6.26	6.48	
1420	START SAMPLE (13000 ml)								
1442	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1420
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASO #3	Sampler Name(s):	PWC
MW Identification:	AP MW-1	Date/Time:	4-1-26 / 0800
Sample Number:		PID Readings: N/A	
Weather Conditions:	Pt Cldy, cool		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	15.69	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	~~41.00~~ 23.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	~~43.04~~ 25.01	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	~~7000~~	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No / Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0725	START	—	—	—	—	—	—	15.53	
0730	1000	21.6	2126	125.3	1.63	5.71	5.39	15.75	
0735	2000	21.7	2093	85.4	1.06	4.79	5.43	15.79	
0740	3000	21.7	2066	83.5	0.85	3.38	5.45	15.80	
0745	4000	21.7	2056	97.1	0.65	2.17	5.44	15.80	
0750	5000	21.7	2051	100.1	0.55	1.68	5.43	15.81	
0755	6000	21.7	2053	106.1	0.50	1.20	5.43	15.82	
0800	Start SAMPLE		(7000 ml)						
0817	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0800
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP MW-10 (old)	Date/Time:	3.31.26 / 1625
Sample Number:		PID Readings: N/A	
Weather Conditions:	PTly Cldy, hot		
Wellhead Inspection:	OK		

Visual Inspection:

1. Survey Mark Present:	Yes / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	16.71	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	41.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	43.04	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1550	START	—	—	—	—	—	—	16.56	
1555	750	25.5	1246	74.5	0.85	4.35	5.92	16.81	
1600	1500	25.5	1253	65.7	0.42	1.73	5.94	16.83	
1605	2250	25.0	1248	54.2	0.31	2.51	5.95	16.84	
1610	3000	25.3	1252	48.2	0.27	1.85	5.95	16.88	
1615	3750	25.5	1247	43.5	0.25	1.12	5.95	16.88	
1620	4500	25.5	1245	41.6	0.21	1.01	5.95	16.89	
1625	SAMPLE (5250)								
1650	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1625
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR/NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	"		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD #E	Sampler Name(s):	WRC
MW Identification:	AP MW-3D	Date/Time:	~~3/31/26 1315~~ 4/1/26 1105
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy / warm		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 14.18
2. Intake Depth (±0.01 ft.) 54.96
3. Bottom of casing (±0.01 ft.) 56.96
4. Casing Diameter (inches) 2.0"
5. Actual Volume of Water Purged (mL) 11250
6. Purge Water Characteristics:
   - Odor: None
   - Color: -
   - Turbidity: Very cloudy
7. Purge Rate (mL/min) 200 / 150
7. Water Level Measuring Equip. Geotech
8. Purge Equipment Used Bladder
9. Dedicated? (Yes/No) Yes / (No)
10. Immiscibility layer? Yes / (No)
11. Thickness of immiscible layer NA
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
~~1320~~								~~15.00~~	
~~1325~~									
1115	-							14.10	
1120	1000	24.5	1961	57.3	2.83	30.9	5.46	15.20	
1125	2000	24.8	1984	14.9	1.24	26.9	5.34	15.85	
1130	3000	24.2	2024	1.7	1.01	33.0	5.32	16.30	
1135	3750	25.2	2052	-9.41	0.93	33.8	5.30	16.24	*Reduce Pump Rate to 150 mL/min
1140	4500	25.1	2111	-16.9	0.77	34.7	5.25	16.15	
1145	5250	25.2	2187	-28.7	0.63	37.1	5.22	16.18	
1150	6000	26.0	2173	-33.0	0.59	35.0	5.21	16.11	
1155	6750	25.2	2195	-41.3	0.56	32.1	5.17	16.01	
1200	7500	26.3	2225	-48.5	0.42	38.8	5.15	16.03	
1205	8250	26.9	2265	-55.6	0.45	31.4	5.13	16.10	
1210	9000	25.9	2251	-61.3	0.45	25.4	5.12	16.18	
1215	9750	26.0	2260	-64.6	0.44	24.7	5.11	16.25	
1220	10500	26.3	2246	-66.5	0.40	23.7	5.13	16.32	
1225	11250	26.3	2251	-68.4	0.39	20.0	5.10	16.40	
1230	Begin Sample								

1300 Pump off

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? (Yes) / No
3. Sampling Equip. Used
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min)
6. Sample Appearance:
   - Turbidity
   - Color
   - Odor
7. Time to recharge (min):
8. Sample Time: 1230
9: Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP MW-4S	Date/Time:	3-31-26 / 1430
Sample Number:		PID Readings: N/A	1435 FD2
Weather Conditions:	Pt/y Cldy, warm.		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.31	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	36.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	38.90	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6750	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Slight		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Slight			

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1345	START	—	—	—	—	—	—	20.23	
1350	750	25.2	3342	21.2	0.49	20.8	5.68	20.37	
1355	1500	24.9	3212	41.6	0.31	18.1	5.55	20.37	
1400	2250	26.0	2861	92.6	0.31	15.3	5.18	20.37	
1405	3000	25.6	1843	334.1	0.37	12.4	3.86	20.37	
1410	3750	25.5	1758	338.2	0.40	9.92	3.85	20.38	
1415	4500	24.9	1732	352.4	0.43	9.81	3.85	20.38	
1420	5250	25.3	1732	350.3	0.45	9.04	3.85	20.38	
1425	6000	25.3	1734	349.1	0.45	8.78	3.86	20.38	
1430	SAMPLE	(6750 ml)							
* 1435	SAMPLE	FD2							
1523	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1430
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	1435 FD2
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters	
5. Sample Rate (mL/min)	150	Na, Mg, K, Fe, Al, Alkalinity	
6. Sample Appearance:	Clear		
Turbidity		9. Other Information:	
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD #8	Sampler Name(s):	WRC
MW Identification:	AP MW-5D	Date/Time:	3/31/26
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy / windy		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	110.49	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	54.10	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	56.10	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	17000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor: None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1055								15.93	
1100	1000	25.2	7658	5.1	2.08	150	4.20	16.72	
1105	2000	24.9	8335	26.4	0.62	55	3.75	16.81	
1110	3000	24.5	8300	13.0	0.48	42.3	3.70	16.82	
1115	4000	23.5	8124	17.3	0.45	42.5	3.67	16.86	
1120	5000	22.9	7920	19.6	0.38	21.9	3.66	16.98	
1125	6000	23.2	8084	13.3	0.33	18.1	3.70	16.92	
1130	7000	23.1	8242	6.9	0.31	16.0	3.72	16.96	
1135	8000	23.7	8364	-5.1	0.28	16.0	3.76	17.00	
1140	9000	24.2	8438	-28.6	0.26	14.3	3.76	16.92	
1145	10000	24.4	8507	-52.2	0.26	14.6	3.77	16.88	
1150	11000	24.1	8555	-74.6	0.26	13.7	3.77	16.94	
1155	12000	24.4	8564	-89.6	0.23	12.9	3.79	16.94	
1200	13000	25.0	8587	-107.7	0.23	11.6	3.79	16.90	
1205	14000	24.5	8630	-114.8	0.23	11.0	3.78	16.92	
1210	15000	24.5	8628	-122.4	0.22	7.20	3.80	16.91	
1215	16000	24.7	8617	-131.4	0.20	9.80	3.80	16.92	
1220	17000	24.5	8664	-135.4	0.21	8.67	3.78	16.92	

1225 Begin Sampling
1250 Pump OFF / End Sampling

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1225
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	**See attached calibration documentation**		
Conduct.			
ORP			
D.O			
Turbidity			

Take EB2 @1300

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD #8	Sampler Name(s):	WRC
MW Identification:	AP MW-7S	Date/Time:	03/31/26 0715
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cloudy/windy		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	22.03	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	36.75	7. Water Level Measuring Equip.	Interface
3. Bottom of casing (±0.01 ft.)	38.75	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	8250	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor: None Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
0720	-							21.45	
0725	-								
0730	-								
0735	750	20.3	6010	50.2	4.80	47.1	6.29	22.70	# Bladder Pump
0740	1500	21.2	6634	10.7	1.17	37.7	6.23	22.86	not holding pressure
0745	2250	21.1	6520	16.0	1.17	36.4	6.08	23.25	for final reading
0750	3000	21.1	6464	22.3	1.16	18.3	5.99	23.55	
0755	3750	21.1	6412	28.8	1.14	15.9	5.84	23.80	
0800	4500	21.2	6336	35.5	1.17	15.7	5.67	24.05	
0805	5250	21.3	6250	45.0	1.18	14.9	5.44	24.34	
0810	6000	21.2	6186	54.3	1.16	11.9	5.23	24.58	
0815	6750	21.3	6138	63.9	1.03	9.70	5.06	24.85	
0820	7500	21.4	6106	70.0	0.88	7.36	4.94	25.05	
0825	8250	21.3	6083	72.3	0.74	5.74	4.88	25.31	
0830	Begin Sampling								
0910	Pump OFF / End Sampling								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):		10. Decontamination Procedures:	Alconox/DI Rinse
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0830	11. Instrument type:	YSI ProSeries
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters	Calibration Date:	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity	Calibration Time:	
5. Sample Rate (mL/min)					
6. Sample Appearance:		9. Other Information:			
Turbidity					
Color					
Odor					

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: **GCSES**	ASD #8	Sampler Name(s):	WRC
MW Identification:	AP MW-7D	Date/Time:	3/31/26
Sample Number:		PID Readings: **N/A**	
Weather Conditions:	Cloudy/windy		
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	22.83	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	55.38	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	57.38	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	3000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor: Sulfur / Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0920								20.86	
0925	500	22.8	4949	-49.7	1.06	11.20	6.90	22.21	
0930	1000	23.1	5114	-79.9	0.72	13.60	6.88	22.70	
0935	1500	22.5	5218	-90.1	0.66	14.40	6.85	22.99	
0940	2000	22.1	5272	-95.1	0.56	9.81	6.85	23.37	
0945	2500	21.7	5281	-100.8	0.50	6.91	6.86	23.74	
0950	3000	22.9	5229	-103.6	0.53	7.31	6.85	24.16	
0955	Begin Sampling								
1040	Pump OFF/End Sampling								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	0955
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSi ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	**See attached calibration documentation**		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s): PLC
MW Identification: AP PZ-1		Date/Time: 3.31.26 / 1005
Sample Number:		PID Readings: N/A
Weather Conditions: Partly Cloudy, cool		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present: (Yes) / No
2. Collision/Vandalism Damage: Yes / (No)
3. Casing Degradation: Yes / (No)
4. Well Subsidence: Yes / (No)
5. Standing/Ponded Water: Yes / (No)
6. Frost Heaving: Yes / (No)
7. Lock in Place: (Yes) / No

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.]) 7.22
2. Intake Depth (±0.01 ft.) 34.50
3. Bottom of casing (±0.01 ft.) 36.88
4. Casing Diameter (inches) 2
5. Actual Volume of Water Purged (mL) 5250
6. Purge Water Characteristics:
   Odor No Turbidity Clear
   Color Clear
7. Purge Rate (mL/min) 150
7. Water Level Measuring Equip.
8. Purge Equipment Used Peri
9. Dedicated? (Yes/No) Yes / No
10. Immiscibility layer? Yes / No
11. Thickness of immiscible layer
12. Drive Gas (Air/Nitrogen) AIR / NITROGEN / N/A

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Drawdown. Water Level	Notes
0830	START	T	-	-	-	-	-	7.33	
0935	750	22.3	9576	209.4	2.05	6.05	4.84	8.36	
0940	1500	22.0	9581	164.9	1.67	2.02	4.86	9.00	
0945	2250	21.8	9571	162.3	1.55	6.13	4.84	9.42	
0950	3000	21.7	9558	164.5	1.57	2.87	4.81	9.76	
0955	3750	22.0	9532	154.9	1.65	2.53	4.81	10.09	
1000	4500	22.8	9483	158.8	1.72	5.55	4.78	10.54	
1005	SAMPLE	(5250 ml)							
1020	STOP PUMP								

1. Well evacuated to dryness? Yes / (No)
2. Sample Filtered? Yes / (No)
3. Sampling Equip. Used Peri
4. Drive Gas (Air/Nitrogen) AIR /NITROGEN/ N/A
5. Sample Rate (mL/min) 150
6. Sample Appearance: Clear
   Turbidity "
   Color "
   Odor No
7. Time to recharge (min):
8. Sample Time: 1005
9: Parameter/Container/Pres.
   App. III and App. IV CCR Parameters
   Na, Mg, K, Fe, Al, Alkalinity
9. Other Information:
10. Decontamination Procedures:
    Alconox/DI Rinse
11. Instrument type: YSI ProSeries
    Calibration Date:
    Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	MJC
MW Identification:	AP PZ-4s	Date/Time:	3.31.26 / 1130
Sample Number:		PID Readings: N/A	
Weather Conditions:	Pt Cldy, warm		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	13.23	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	36.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	38.82	8. Purge Equipment Used	Peri
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	3500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L) +/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1055	START	—	—	—	—	—	—	13.29	
1100	500	25.7	10294	-44.2	1.40	10.11	6.35	14.98	
1105	1000	26.0	10282	-58.6	0.32	9.50	6.34	15.43	
1110	1500	25.7	10304	-67.9	0.30	8.23	6.32	16.28	
1115	2000	24.1	10276	-64.7	0.46	8.91	6.32	16.89	
1120	2500	24.6	10255	-62.5	0.41	8.85	6.32	17.50	
1125	3000	25.4	10243	-62.7	0.41	8.77	6.32	18.18	
1130	SAMPLE	(3500 ml)							
1158	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1130
3. Sampling Equip. Used	Peri	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	100		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	11		
Color	11		
Odor	No		

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES		Sampler Name(s):	PWC
MW Identification:	AP PZ-4	Date/Time:	3.31.26 / 1250
Sample Number:		PID Readings: N/A	
Weather Conditions:	Ptly Cldy, warm		
Wellhead Inspection:	Avg - covered in dirt		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	11.35	7. Purge Rate (mL/min)	100
2. Intake Depth (±0.01 ft.)	44.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	46.41	8. Purge Equipment Used	
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	3500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Clear		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

+/- 10% > 0.5 mg/L or 3 rds < 0.5 mg/L

Time	Volume Purged (mL)	Temp (°C) +/- 3%	Conductivity (µs/cm) +/- 3%	ORP (mV) +/- 10mv	D.O. (mg/L)	Turbidity (NTU) < 10 NTU	pH +/- 0.1	Water Level Drawdown	Notes
1215	START	—	—	—	—	—	—	11.39	
1220	500	24.6	7084	-24.7	0.36	2.54	8.41	13.28	
1225	1000	25.1	7063	-42.4	0.26	1.66	8.41	14.12	
1230	1500	24.5	7057	-56.7	0.25	0.84	8.37	15.01	
1235	2000	25.0	7029	-59.1	0.23	0.02	8.34	15.90	
1240	2500	24.7	7056	-59.6	0.22	0.02	8.34	16.66	
1245	3000	24.8	7048	-59.8	0.21	0.02	8.35	17.40	
1250	Start Sample		(3500 ml)						
1327 PWC	~~1327~~ STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1250
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: Alconox/DI Rinse

11. Instrument type: YSI ProSeries

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES ASD #8		Sampler Name(s): JNRC
MW Identification: SSP-MW-2D		Date/Time: 4/1/24 1500
Sample Number:		PID Readings: N/A
Weather Conditions: Cloudy / windy		
Wellhead Inspection:		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / No
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / No
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	Yes / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.63	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	62.90	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	64.90	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	10500	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor Sulfur Turbidity	cloudy	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color gray			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
1500	—							21.89	
1505	—								
1510	~~750~~	26.6	10454	-203.5	0.37	114	5.64	24.52	
1515	1500	26.6	10445	-207.9	0.45	52.3	5.66	24.94	
1520	2250	26.4	10448	-210.3	0.41	43.2	5.67	25.36	
1525	3000	26.5	10430	-210.8	0.39	37.0	5.67	25.59	
1530	3750	26.6	10450	-212.5	0.37	37.0	5.66	25.96	
1535	4500	26.9	10438	-213.8	0.36	30.1	5.66	26.20	
1540	5250	26.5	10438	-216.0	0.29	36.8	5.67	26.39	
1545	6000	26.1	10455	-215.6	0.29	38.5	5.66	26.52	
1550	~~6~~750	26.6	10453	-214.8	0.28	37.4	5.67	26.62	
1555	7500	26.2	10448	-215.2	0.28	38.2	5.66	26.73	
1600	8250	26.5	10432	-218.0	0.27	36.6	5.67	26.78	
1606	9000	25.9	10429	-216.0	0.28	35.7	5.67	26.88	
1610	9750	26.0	10445	-216.5	0.27	34.6	5.67	26.94	
1615	10,500	26.3	10425	-217.7	0.25	33.1	5.67	26.98	
1620	Begin Sampling								
1655	Pump OFF / END SAmpling								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	(Yes) / No	8. Sample Time:	1620
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:			
Turbidity		9. Other Information:	
Color			
Odor	Sulfur odor		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASH	Sampler Name(s):	WRC
MW Identification:	SSP - MW-3D	Date/Time:	4/1/20 1320
Sample Number:		PID Readings: N/A	
Weather Conditions:			
Wellhead Inspection:			

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	28.56	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	58.50	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	60.50	8. Purge Equipment Used	Bladder
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	11000	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	N/A
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1320	-							27.44	
1325	1000	24.4	7648	-58.3	0.95	59.4	4.77	28.92	
1330	2000	25.2	7686	-116.2	0.41	52.0	4.61	29.51	
1335	3000	24.7	7663	-12.85	0.30	40.4	4.64	30.00	
1340	4000	24.0	7685	-134.7	0.26	38.7	4.62	30.31	
1345	5000	23.7	7675	-138.5	0.22	30.0	4.62	30.65	
1350	6000	23.6	7668	-138.1	0.19	21.4	4.62	30.89	
1355	7000	23.8	7655	-141.4	0.18	16.4	4.62	31.12	
1400	8000	23.5	7648	-146.5	0.17	12.4	4.62	31.40	
1405	9000	23.9	7648	-155.0	0.16	10.0	4.61	31.60	
1410	10000	23.3	7658	-156.7	0.15	9.39	4.60	31.70	
1415	11000	23.1	7647	-152.6	0.15	8.09	4.61	31.95	
1420	Begin Sampling								
1435	Pump Off/END Sampling								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1420
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD #8	Sampler Name(s):	PWC
MW Identification:	SSP MW-4S	Date/Time:	4-1-26 / 0930
Sample Number:		PID Readings: N/A	
Weather Conditions:	Mostly clear, warming		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	25.80	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	35.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	37.08	8. Purge Equipment Used	peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor	Turbidity	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color			

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	Drawdown	Notes
0855	START	-	-	-	-	-	-	25.95	
0900	750	22.5	5198	285.4	0.76	1.30	3.52	26.26	
0905	1500	22.6	5230	285.7	0.36	0.02	3.52	26.26	
0910	2250	22.7	5227	282.4	0.31	0.34	3.53	26.27	
0915	3000	22.8	5220	280.3	0.29	1.00	3.53	26.28	
0920	3750	22.8	5212	284.3	0.26	0.99	3.53	26.29	
0925	4500	22.9	5210	287.2	0.25	0.98	3.53	26.29	
0930	START SAMPLE		(5250)ml						
0951	STOP PUMP								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	0930
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)			
6. Sample Appearance:		9. Other Information:	
Turbidity			
Color			
Odor			

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASO #8	Sampler Name(s):	AVC
MW Identification:	SSP MW-55	Date/Time:	4.1.26 / 1105
Sample Number:		PID Readings: N/A	
Weather Conditions:	Cldy, warm, windy		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	20.97	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	42.00	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	44.15	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	6000	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No	Turbidity: Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1025	START	—	—	—	—	—	—		
1030	750	23.0	8313	-48.7	0.42	12.40	5.71	21.18	
1035	1500	22.9	7695	23.2	0.31	4.97	5.22	21.25	
1040	2250	23.0	7235	72.1	0.31	2.57	5.09	21.28	
1045	3000	23.7	7162	98.5	0.22	1.83	5.08	21.33	
1050	3750	23.9	7145	89.9	0.26	2.25	5.07	21.36	
1055	4500	23.9	7133	86.3	0.26	1.11	5.07	21.39	
1100	5250	23.8	7128	86.0	0.25	0.09	5.07	21.42	
1105	START	SAMPLE	(6000 mL)						
1128	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):		10. Decontamination Procedures:	Alconox/DI Rinse
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1105	11. Instrument type:	YSI ProSeries
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters	Calibration Date:	
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity	Calibration Time:	
5. Sample Rate (mL/min)	150				
6. Sample Appearance:	Clear	9. Other Information:			
Turbidity	"				
Color	"				
Odor	No				

	Stnd.	Reading	Temp.
pH	See attached calibration documentation		
Conduct.			
ORP			
D.O			
Turbidity			

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	~~ASB 8~~ ASD #8	Sampler Name(s):	PWC
MW Identification:	SSP MW-5D	Date/Time:	4/1/2026 / 1220
Sample Number:		PID Readings: N/A	1225 FD3
Weather Conditions:	Cloudy, warm, windy		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	23.90	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	62.45	7. Water Level Measuring Equip.	Geotech
3. Bottom of casing (±0.01 ft.)	64.45	8. Purge Equipment Used	Peristaltic
4. Casing Diameter (inches)	2.0"	9. Dedicated? (Yes/No)	Yes / (No)
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / (No)
6. Purge Water Characteristics:		11. Thickness of immiscible layer	NA
Odor ~~Et~~ No Turbidity	Clear	12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1145	START	—	—	—	—	—	—	23.87	
1150	750	24.9	4974	-141.9	0.71	13.6	6.71	24.58	
1155	1500	24.3	4902	-171.3	0.27	9.5	6.75	24.76	
1200	2250	24.8	4882	-181.8	0.23	5.99	6.76	24.90	
1205	3000	24.6	4862	-189.9	0.21	5.13	6.76	25.02	
1210	3750		4855	-191.2	0.22	4.95	6.76	25.11	
1215	4500	24.9	4851	-193.4	0.25	4.89	6.77	25.24	
1220	START SAMPLE		(5250 mL)						
1225	~~FD2~~ FD3		collected						
1310	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1220
3. Sampling Equip. Used	Peri.	9: Parameter/Container/Pres.	1225 FD3
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A	App. III and App. IV CCR Parameters	
5. Sample Rate (mL/min)	150	Na, Mg, K, Fe, Al, Alkalinity	
6. Sample Appearance:	Clear		
Turbidity	"	9. Other Information:	
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASD #8	Sampler Name(s):	PWC
MW Identification:	SSP MW-6S	Date/Time:	4.1.26 / 1555
Sample Number:		PID Readings: N/A	
Weather Conditions:	Ptly Cldy, warm, strong winds		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	8.64	7. Purge Rate (mL/min)	200
2. Intake Depth (±0.01 ft.)	34.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	36.88	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)		10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: No Turbidity: Slight		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Slight			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1455	START	—	—	—	—	—	—	8.40	
1500	1050	25.1	8177	71.5	0.31	13.8	5.14	9.13	
1505	2000	25.3	8214	90.2	0.30	12.5	5.12	9.30	
1510	3000	25.2	8290	100.0	0.31	20.1	5.10	9.33	
1515	4000	25.2	8325	106.0	0.33	20.2	5.08	9.37	
1520	5000	25.3	8209	108.1	0.34	17.4	5.18	9.43	
1525	6000	25.5	8303	115.7	0.39	15.3	5.16	9.46	
1530	7000	25.4	8421	104.1	0.50	16.9	5.06	9.49	
1535	8000	25.6	8475	117.5	0.27	15.1	5.05	9.52	
1540	9000	25.5	8466	117.3	0.22	8.9	5.04	9.53	
1545	10000	25.9	8465	120.3	0.20	9.1	5.03	9.54	
1550	11000	25.8	8470	120.9	0.19	9.3	5.03	9.55	
1555	START	SAMPLE							
1615	STOP PUMP								

1. Well evacuated to dryness?	Yes / No	7. Time to recharge (min):	
2. Sample Filtered?	Yes / No	8. Sample Time:	1555
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	200		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Low Stress Groundwater Sampling Data Sheet

Facility Name: GCSES	ASH	Sampler Name(s):	RWC
MW Identification:	SSP MW-60	Date/Time:	4.1.26 / 1425
Sample Number:		PID Readings:	N/A
Weather Conditions:	Partly Cloudy, Warm, windy		
Wellhead Inspection:	Good		

Visual Inspection:

1. Survey Mark Present:	(Yes) / No	5. Standing/Ponded Water:	Yes / (No)
2. Collision/Vandalism Damage:	Yes / (No)	6. Frost Heaving:	Yes / (No)
3. Casing Degradation:	Yes / (No)	7. Lock in Place:	(Yes) / No
4. Well Subsidence:	Yes / (No)		

Ground Water Measurements/Purge data:

1. Static Water Level (±0.01 feet [ft.])	7.70	7. Purge Rate (mL/min)	150
2. Intake Depth (±0.01 ft.)	51.50	7. Water Level Measuring Equip.	
3. Bottom of casing (±0.01 ft.)	53.84	8. Purge Equipment Used	Peri.
4. Casing Diameter (inches)	2	9. Dedicated? (Yes/No)	Yes / No
5. Actual Volume of Water Purged (mL)	5250	10. Immiscibility layer?	Yes / No
6. Purge Water Characteristics:		11. Thickness of immiscible layer	
Odor: NO Turbidity: Sl. Tint		12. Drive Gas (Air/Nitrogen)	AIR / NITROGEN / N/A
Color: Clear			

W.L.

Time	Volume Purged (mL)	Temp (°C)	Conductivity (µs/cm)	ORP (mV)	D.O. (mg/L)	Turbidity (NTU)	pH	~~Drawdown~~	Notes
1350	START	—	—	—	—	—	—	7.71	
1355	750	26.5	6311	-103.0	0.80	19.54	6.28	8.98	
1400	1500	26.3	6310	-122.7	0.37	8.97	6.33	10.08	
1405	2250	26.5	6260	-128.8	0.44	6.86	6.34	11.06	
1410	3000	26.3	6259	-134.0	0.40	4.37	6.34	12.15	
1415	3750	26.3	6224	-134.5	0.39	3.91	6.35	12.78	
1420	4500	26.4	6227	-134.6	0.45	2.99	6.35	13.68	
1425	START SAMPLE		(5250 ml)						
1441	STOP PUMP								

1. Well evacuated to dryness?	Yes / (No)	7. Time to recharge (min):	
2. Sample Filtered?	Yes / (No)	8. Sample Time:	1425
3. Sampling Equip. Used		9: Parameter/Container/Pres.	App. III and App. IV CCR Parameters
4. Drive Gas (Air/Nitrogen)	AIR /NITROGEN/ N/A		Na, Mg, K, Fe, Al, Alkalinity
5. Sample Rate (mL/min)	150		
6. Sample Appearance:	Clear	9. Other Information:	
Turbidity	"		
Color	"		
Odor	No		

10. Decontamination Procedures: **Alconox/DI Rinse**

11. Instrument type: **YSI ProSeries**

Calibration Date:

Calibration Time:

	Stnd.	Reading	Temp.
pH			
Conduct.			
ORP			
D.O			
Turbidity			

See attached calibration documentation

Appendix C

Laboratory Analytical Reports

November 2025 Event

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 12/23/2025 1:21:14 PM

JOB DESCRIPTION

Semi-Annual CCR
1029148

JOB NUMBER

870-41591-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

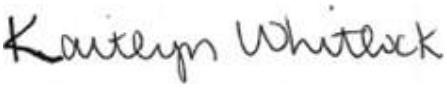
my EOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 9
Tracer Carrier Summary 35
QC Sample Results 37
QC Association Summary 51
Lab Chronicle 60
Certification Summary 71
Method Summary 72
Sample Summary 73
Chain of Custody 74
Receipt Checklists 79

Definitions/Glossary

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-41591-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/14/2025 10:26 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 0.0°C, 0.2°C, 0.2°C, 0.2°C and 0.4°C.

HPLC/IC
Method 9056A_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-277149 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.

Method 9056A_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-277119 contained Sulfate above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 9056A_ORGFM_28D: Due to the high concentration of Chloride and Sulfate,the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-277149 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

Method 9056A_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-277149 contained Chloride above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

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

Metals
Method 6010D: The method blank for preparation batch 860-277720 and analytical batch 860-277983 contained Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: AP MW-5 (870-41591-2). Elevated reporting limits (RLs) are provided.

Method 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: MNW-15 (870-41591-13). Elevated reporting limits (RLs) are provided.

Method 6020B: The following sample was diluted due to the nature of the sample matrix: SSP MW-4 (870-41591-18). Elevated reporting limits (RLs) are provided.

Method 6020B: The following sample was diluted due to the nature of the sample matrix: FD1 (870-41591-12). Elevated reporting limits (RLs) are provided.

Method 6020B: The following sample was diluted due to the nature of the sample matrix: FD1 (870-41591-12). Elevated reporting limits (RLs) are provided.

Job ID: 870-41591-1 (Continued) Eurofins Dallas

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

General Chemistry
Method SM4500_H+: The following samples were received outside of holding time: AP MW-1D (870-41591-1), AP MW-5 (870-41591-2), AP MW-4 (870-41591-3), AP MW-3 (870-41591-4), SSP MW-2 (870-41591-5), SSP/AP MW-1 (870-41591-6), FD2 (870-41591-7), SFL MW-5 (870-41591-8), MNW-18 (870-41591-9), SFL MW-7 (870-41591-10), SFL MW-3 (870-41591-11), FD1 (870-41591-12), MNW-15 (870-41591-13), SFL MW-4 (870-41591-14), SFL MW-2 (870-41591-15), SSP MW-3 (870-41591-16), EB1 (870-41591-17) and SSP MW-4 (870-41591-18).

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

Gamma Spectroscopy
Method 901.1_Ra: Gamma Batch 745769
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-226 and Ra-228. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-745769/1-A).

Method 901.1_Ra: Gamma Batch 745769
The detection goal was not met for Ra-226 and/or Ra-228 for the following sample(s). An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra-226 and Ra-228 are well below the RL and MDC.
AP MW-5 (870-41591-2), AP MW-4 (870-41591-3), AP MW-3 (870-41591-4), SSP MW-2 (870-41591-5), SSP/AP MW-1 (870-41591-6), FD2 (870-41591-7), MNW-18 (870-41591-9), SFL MW-7 (870-41591-10), SFL MW-3 (870-41591-11), SFL MW-2 (870-41591-15), SSP MW-3 (870-41591-16), EB1 (870-41591-17) and SSP MW-4 (870-41591-18)

Method 901.1_Ra: Gamma Batch 745769
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

AP MW-1D (870-41591-1), AP MW-5 (870-41591-2), AP MW-4 (870-41591-3), AP MW-3 (870-41591-4), SSP MW-2 (870-41591-5), SSP/AP MW-1 (870-41591-6), FD2 (870-41591-7), SFL MW-5 (870-41591-8), MNW-18 (870-41591-9), SFL MW-7 (870-41591-10), SFL MW-3 (870-41591-11), FD1 (870-41591-12), MNW-15 (870-41591-13), SFL MW-4 (870-41591-14), SFL

Job ID: 870-41591-1 (Continued) Eurofins Dallas

MW-2 (870-41591-15), SSP MW-3 (870-41591-16), EB1 (870-41591-17), SSP MW-4 (870-41591-18) and (870-41591-A-1-B DU)

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

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

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Client Sample ID: AP MW-1D

Date Collected: 11/11/25 15:05
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-1

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	80.6		0.500	0.250	mg/L			11/20/25 13:24	1
Fluoride	0.993		0.500	0.100	mg/L			11/20/25 13:24	1
Sulfate	385		0.500	0.200	mg/L			11/20/25 13:24	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.26		0.0500	0.0162	mg/L		11/22/25 10:36	11/24/25 13:24	1
Calcium	53.7		0.200	0.102	mg/L		11/22/25 10:36	11/24/25 13:24	1
Magnesium	9.45		0.200	0.0445	mg/L		11/22/25 10:36	11/24/25 13:24	1
Potassium	8.76		0.500	0.106	mg/L		11/22/25 10:36	11/24/25 13:24	1
Sodium	195		0.500	0.152	mg/L		11/22/25 10:36	11/24/25 13:24	1
Lithium	0.0280	J	0.0400	0.0174	mg/L		11/22/25 10:36	11/24/25 13:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.00705	J	0.0200	0.00549	mg/L		11/18/25 18:17	11/19/25 23:56	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/18/25 18:17	11/19/25 23:56	1
Arsenic	0.0112		0.00400	0.000690	mg/L		11/18/25 18:17	11/19/25 23:56	1
Barium	0.0102		0.00400	0.00134	mg/L		11/18/25 18:17	11/19/25 23:56	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/18/25 18:17	11/19/25 23:56	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/18/25 18:17	11/19/25 23:56	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/18/25 18:17	11/19/25 23:56	1
Cobalt	0.00703		0.00200	0.000355	mg/L		11/18/25 18:17	11/19/25 23:56	1
Iron	0.00876	J	0.0200	0.00445	mg/L		11/18/25 18:17	11/19/25 23:56	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/18/25 18:17	11/19/25 23:56	1
Molybdenum	0.0319		0.00200	0.000255	mg/L		11/18/25 18:17	11/19/25 23:56	1
Selenium	0.00132	J	0.00200	0.000590	mg/L		11/18/25 18:17	11/19/25 23:56	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/18/25 18:17	11/19/25 23:56	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	96.3		4.00	4.00	mg/L			11/17/25 12:49	1
Total Dissolved Solids (SM 2540C)	1110		5.00	5.00	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	5.8	HF			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	18.1	HF			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	23.6	U	16.0	16.1	50.0	24.1	pCi/L	11/18/25 10:10	12/09/25 03:43	1
Radium-228	12.9	U	24.9	24.9	50.0	40.2	pCi/L	11/18/25 10:10	12/09/25 03:43	1
Combined Radium 226 + 228	36.5	U	29.6	29.7		40.2	pCi/L	11/18/25 10:10	12/09/25 03:43	1

Client Sample ID: AP MW-1D

Date Collected: 11/11/25 15:05
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.171	U	0.226	0.227	1.00	0.379	pCi/L	11/18/25 07:54	12/11/25 18:12	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:12*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.17**		0.446	0.458	1.00	0.549	pCi/L	11/18/25 07:57	12/11/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:04*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:04*	*1*

Client Sample ID: AP MW-5

Date Collected: 11/11/25 16:25
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-2

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**598**		5.00	2.50	mg/L			11/20/25 13:51	10
Fluoride	**3.49**		0.500	0.100	mg/L			11/20/25 13:42	1
Sulfate	**3340**		5.00	2.00	mg/L			11/20/25 13:51	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.26**		0.0500	0.0162	mg/L		11/22/25 10:36	11/24/25 13:25	1
Calcium	**481**		0.200	0.102	mg/L		11/22/25 10:36	11/24/25 13:25	1
Magnesium	**132**		0.200	0.0445	mg/L		11/22/25 10:36	11/24/25 13:25	1
Potassium	**50.8**		0.500	0.106	mg/L		11/22/25 10:36	11/24/25 13:25	1
Sodium	**750**		25.0	7.59	mg/L		11/22/25 10:36	11/24/25 13:31	50
Lithium	**0.599**		0.0400	0.0174	mg/L		11/22/25 10:36	11/24/25 13:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**51.0**		0.200	0.0549	mg/L		11/18/25 18:17	11/20/25 00:02	10
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/18/25 18:17	11/19/25 23:59	1
Arsenic	**0.0169**		0.00400	0.000690	mg/L		11/18/25 18:17	11/19/25 23:59	1
Barium	**0.00589**		0.00400	0.00134	mg/L		11/18/25 18:17	11/19/25 23:59	1
Beryllium	**0.0982**		0.00200	0.000271	mg/L		11/18/25 18:17	11/19/25 23:59	1
Cadmium	**0.00773**		0.00200	0.000240	mg/L		11/18/25 18:17	11/19/25 23:59	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/18/25 18:17	11/19/25 23:59	1
Cobalt	**0.149**		0.00200	0.000355	mg/L		11/18/25 18:17	11/19/25 23:59	1
Iron	**3.39**		0.200	0.0445	mg/L		11/18/25 18:17	11/20/25 00:02	10
Lead	**0.00159**	**J**	0.00200	0.000367	mg/L		11/18/25 18:17	11/19/25 23:59	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/18/25 18:17	11/19/25 23:59	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/18/25 18:17	11/19/25 23:59	1
Thallium	**0.00270**		0.00200	0.000415	mg/L		11/18/25 18:17	11/19/25 23:59	1

Client Sample ID: AP MW-5

Lab Sample ID: 870-41591-2
Matrix: Water
Date Collected: 11/11/25 16:25
Date Received: 11/14/25 10:26

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000807**		0.000200	0.0000706	mg/L		11/20/25 07:50	11/20/25 19:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/17/25 13:18	1
Total Dissolved Solids (SM 2540C)	**4570**		20.0	20.0	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	**3.4**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.6**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-16.9	U G	24.8	24.9	50.0	74.8	pCi/L	11/18/25 10:10	12/09/25 03:45	1
Radium-228	12.9	U	27.9	28.0	50.0	48.9	pCi/L	11/18/25 10:10	12/09/25 03:45	1
Combined Radium 226 + 228	-4.03	U	37.3	37.5		74.8	pCi/L	11/18/25 10:10	12/09/25 03:45	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.861**		0.301	0.311	1.00	0.284	pCi/L	11/18/25 07:54	12/11/25 18:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:13*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.30**		0.532	0.573	1.00	0.534	pCi/L	11/18/25 07:57	12/11/25 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.3*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:04*	*1*
Y Carrier	*82.6*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:04*	*1*

Client Sample ID: AP MW-4

Lab Sample ID: 870-41591-3
Matrix: Water
Date Collected: 11/11/25 16:55
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**429**		0.500	0.250	mg/L			11/20/25 14:00	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 14:00	1
Sulfate	**2490**		5.00	2.00	mg/L			11/20/25 14:10	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**2.65**		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:06	1
Calcium	**535**		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:12	50
Magnesium	**116**		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:06	1

Client Sample ID: AP MW-4

Date Collected: 11/11/25 16:55
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-3

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**53.9**		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:06	1
Sodium	**530**		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:12	50
Lithium	**0.882**		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:06	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0158**	**J**	0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:26	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:26	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:26	1
Barium	**0.0176**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:26	1
Beryllium	**0.000334**	**J**	0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:26	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:26	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:26	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:26	1
Iron	**1.36**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:26	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:26	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:26	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:26	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**67.6**		4.00	4.00	mg/L			11/17/25 13:12	1
Total Dissolved Solids (SM 2540C)	**3640**		20.0	20.0	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	**5.7**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.4**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**30.2**		20.2	20.4	50.0	28.7	pCi/L	11/18/25 10:10	12/09/25 03:45	1
Radium-228	7.85	U G	30.1	30.1	50.0	50.6	pCi/L	11/18/25 10:10	12/09/25 03:45	1
Combined Radium 226 + 228	38.1	U	36.2	36.4		50.6	pCi/L	11/18/25 10:10	12/09/25 03:45	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.517**		0.277	0.281	1.00	0.348	pCi/L	11/18/25 07:54	12/11/25 18:13	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:13*	*1*

Client Sample ID: AP MW-4

Lab Sample ID: 870-41591-3

Date Collected: 11/11/25 16:55
Matrix: Water
Date Received: 11/14/25 10:26

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.76		0.536	0.560	1.00	0.610	pCi/L	11/18/25 07:57	12/11/25 12:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:05*	*1*
Y Carrier	*80.0*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:05*	*1*

Client Sample ID: AP MW-3

Lab Sample ID: 870-41591-4

Date Collected: 11/12/25 11:10
Matrix: Water
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		0.500	0.250	mg/L			11/20/25 14:19	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 14:19	1
Sulfate	677		5.00	2.00	mg/L			11/20/25 14:28	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.58		0.0500	0.0162	mg/L		11/22/25 10:36	11/24/25 13:27	1
Calcium	129		0.200	0.102	mg/L		11/22/25 10:36	11/24/25 13:27	1
Magnesium	19.6		0.200	0.0445	mg/L		11/22/25 10:36	11/24/25 13:27	1
Potassium	10.9		0.500	0.106	mg/L		11/22/25 10:36	11/24/25 13:27	1
Sodium	188		0.500	0.152	mg/L		11/22/25 10:36	11/24/25 13:27	1
Lithium	0.0660		0.0400	0.0174	mg/L		11/22/25 10:36	11/24/25 13:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0293		0.0200	0.00549	mg/L		11/18/25 18:17	11/20/25 00:12	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/18/25 18:17	11/20/25 00:12	1
Arsenic	0.00135	J	0.00400	0.000690	mg/L		11/18/25 18:17	11/20/25 00:12	1
Barium	0.0192		0.00400	0.00134	mg/L		11/18/25 18:17	11/20/25 00:12	1
Beryllium	0.00254		0.00200	0.000271	mg/L		11/18/25 18:17	11/20/25 00:12	1
Cadmium	0.00302		0.00200	0.000240	mg/L		11/18/25 18:17	11/20/25 00:12	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/18/25 18:17	11/20/25 00:12	1
Cobalt	0.0280		0.00200	0.000355	mg/L		11/18/25 18:17	11/20/25 00:12	1
Iron	0.0507		0.0200	0.00445	mg/L		11/18/25 18:17	11/20/25 00:12	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/18/25 18:17	11/20/25 00:12	1
Molybdenum	0.000434	J	0.00200	0.000255	mg/L		11/18/25 18:17	11/20/25 00:12	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/18/25 18:17	11/20/25 00:12	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/18/25 18:17	11/20/25 00:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000888		0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	10.1		4.00	4.00	mg/L			11/17/25 12:33	1
Total Dissolved Solids (SM 2540C)	1160		5.00	5.00	mg/L			11/17/25 17:27	1

Client Sample ID: AP MW-3

Lab Sample ID: 870-41591-4

Date Collected: 11/12/25 11:10
Matrix: Water
Date Received: 11/14/25 10:26

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	5.2	HF			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	18.3	HF			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.0	U	23.9	24.0	50.0	25.3	pCi/L	11/18/25 10:10	12/09/25 03:46	1
Radium-228	6.73	U G	34.9	34.9	50.0	58.5	pCi/L	11/18/25 10:10	12/09/25 03:46	1
Combined Radium 226 + 228	31.8	U	42.3	42.4		58.5	pCi/L	11/18/25 10:10	12/09/25 03:46	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.292	U	0.218	0.220	1.00	0.310	pCi/L	11/18/25 07:54	12/11/25 18:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.99		0.568	0.597	1.00	0.663	pCi/L	11/18/25 07:57	12/11/25 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.3*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:06*	*1*
Y Carrier	*79.6*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:06*	*1*

Client Sample ID: SSP MW-2

Lab Sample ID: 870-41591-5

Date Collected: 11/12/25 11:05
Matrix: Water
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2140		5.00	2.50	mg/L			11/20/25 14:46	10
Fluoride	0.508		0.500	0.100	mg/L			11/20/25 14:37	1
Sulfate	2650		5.00	2.00	mg/L			11/20/25 14:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.559		0.0500	0.0162	mg/L		11/22/25 10:36	11/24/25 13:28	1
Calcium	689		0.200	0.102	mg/L		11/22/25 10:36	11/24/25 13:28	1
Magnesium	168		0.200	0.0445	mg/L		11/22/25 10:36	11/24/25 13:28	1
Potassium	61.1		0.500	0.106	mg/L		11/22/25 10:36	11/24/25 13:28	1
Sodium	1010		25.0	7.59	mg/L		11/22/25 10:36	11/24/25 13:34	50
Lithium	0.687		0.0400	0.0174	mg/L		11/22/25 10:36	11/24/25 13:28	1

Client Sample ID: SSP MW-2

Date Collected: 11/12/25 11:05
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.90**		0.0200	0.00549	mg/L		11/18/25 18:17	11/20/25 00:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/18/25 18:17	11/20/25 00:15	1
Arsenic	**0.00572**		0.00400	0.000690	mg/L		11/18/25 18:17	11/20/25 00:15	1
Barium	**0.0149**		0.00400	0.00134	mg/L		11/18/25 18:17	11/20/25 00:15	1
Beryllium	**0.0613**		0.00200	0.000271	mg/L		11/18/25 18:17	11/20/25 00:15	1
Cadmium	**0.00109**	**J**	0.00200	0.000240	mg/L		11/18/25 18:17	11/20/25 00:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/18/25 18:17	11/20/25 00:15	1
Cobalt	**0.0628**		0.00200	0.000355	mg/L		11/18/25 18:17	11/20/25 00:15	1
Iron	**4.41**		0.0200	0.00445	mg/L		11/18/25 18:17	11/20/25 00:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/18/25 18:17	11/20/25 00:15	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/18/25 18:17	11/20/25 00:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/18/25 18:17	11/20/25 00:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/18/25 18:17	11/20/25 00:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/20/25 07:50	11/20/25 19:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**11.0**		4.00	4.00	mg/L			11/17/25 12:27	1
Total Dissolved Solids (SM 2540C)	**5630**		50.0	50.0	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	**4.8**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.3**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**39.1**		15.0	15.5	50.0	13.0	pCi/L	11/18/25 10:10	12/09/25 06:53	1
Radium-228	-1.36	U G	29.3	29.3	50.0	50.7	pCi/L	11/18/25 10:10	12/09/25 06:53	1
Combined Radium 226 + 228	37.8	U	32.9	33.1		50.7	pCi/L	11/18/25 10:10	12/09/25 06:53	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.884**		0.317	0.326	1.00	0.313	pCi/L	11/18/25 07:54	12/11/25 18:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.43**		0.666	0.737	1.00	0.597	pCi/L	11/18/25 07:57	12/11/25 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.6*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:06*	*1*

Client Sample ID: SSP MW-2

Lab Sample ID: 870-41591-5
Matrix: Water
Date Collected: 11/12/25 11:05
Date Received: 11/14/25 10:26

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	76.6		30 - 110	11/18/25 07:57	12/11/25 12:06	1

Client Sample ID: SSP/AP MW-1

Lab Sample ID: 870-41591-6
Matrix: Water
Date Collected: 11/12/25 11:10
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1740**		5.00	2.50	mg/L			11/20/25 15:22	10
Fluoride	**0.165**	**J**	0.500	0.100	mg/L			11/20/25 15:13	1
Sulfate	**3770**		5.00	2.00	mg/L			11/20/25 15:22	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.845**		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:07	1
Calcium	**670**		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:14	50
Magnesium	**258**		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:07	1
Potassium	**69.1**		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:07	1
Sodium	**1500**		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:14	50
Lithium	**1.65**		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00697**	**J**	0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:35	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:35	1
Arsenic	**0.00121**	**J**	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:35	1
Barium	**0.0201**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:35	1
Beryllium	**0.000716**	**J**	0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:35	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:35	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:35	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:35	1
Iron	**3.61**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:35	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:35	1
Molybdenum	**0.000269**	**J**	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:35	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:35	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**68.8**		4.00	4.00	mg/L			11/19/25 12:12	1
Total Dissolved Solids (SM 2540C)	**8190**		50.0	50.0	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	**5.7**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.4**	**HF**			Celsius			11/17/25 18:19	1

Client Sample ID: SSP/AP MW-1

Lab Sample ID: 870-41591-6
Date Collected: 11/12/25 11:10
Matrix: Water
Date Received: 11/14/25 10:26

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.890	U G	41.3	41.3	50.0	71.9	pCi/L	11/18/25 10:10	12/09/25 06:54	1
Radium-228	-6.22	U G	35.8	35.8	50.0	87.1	pCi/L	11/18/25 10:10	12/09/25 06:54	1
Combined Radium 226 + 228	-5.33	U	54.7	54.7		87.1	pCi/L	11/18/25 10:10	12/09/25 06:54	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.701**		0.307	0.314	1.00	0.366	pCi/L	11/18/25 07:54	12/11/25 18:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.9*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.11**		0.549	0.582	1.00	0.594	pCi/L	11/18/25 07:57	12/11/25 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.9*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:06*	*1*
Y Carrier	*77.8*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:06*	*1*

Client Sample ID: FD2

Lab Sample ID: 870-41591-7
Date Collected: 11/12/25 11:25
Matrix: Water
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		0.500	0.250	mg/L			11/20/25 15:31	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 15:31	1
Sulfate	**700**		5.00	2.00	mg/L			11/20/25 15:40	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.45**		0.0500	0.0162	mg/L		11/22/25 10:32	11/24/25 14:05	1
Calcium	**126**		0.200	0.102	mg/L		11/22/25 10:32	11/24/25 14:05	1
Magnesium	**19.1**		0.200	0.0445	mg/L		11/22/25 10:32	11/24/25 14:05	1
Potassium	**10.5**		0.500	0.106	mg/L		11/22/25 10:32	11/24/25 14:05	1
Sodium	**184**	**B**	0.500	0.152	mg/L		11/22/25 10:32	11/24/25 14:05	1
Lithium	**0.0484**		0.0400	0.0174	mg/L		11/22/25 10:32	11/24/25 14:05	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0253**		0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:38	1
Arsenic	**0.00139**	**J**	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:38	1
Barium	**0.0193**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:38	1
Beryllium	**0.00251**		0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:38	1

Client Sample ID: FD2

Date Collected: 11/12/25 11:25
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.00334**		0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:38	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:38	1
Cobalt	**0.0302**		0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:38	1
Iron	**0.0462**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:38	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:38	1
Molybdenum	**0.000321**	**J**	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:38	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:38	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000915**		0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**10.1**		4.00	4.00	mg/L			11/19/25 12:46	1
Total Dissolved Solids (SM 2540C)	**1190**		5.00	5.00	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	**5.3**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.8**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**48.4**		19.7	20.3	50.0	25.2	pCi/L	11/18/25 10:10	12/09/25 06:58	1
Radium-228	-16.9	U G	28.4	28.4	50.0	59.6	pCi/L	11/18/25 10:10	12/09/25 06:58	1
Combined Radium 226 + 228	31.5	U	34.6	34.9		59.6	pCi/L	11/18/25 10:10	12/09/25 06:58	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.483**		0.290	0.293	1.00	0.395	pCi/L	11/18/25 07:54	12/11/25 18:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.22**		0.685	0.746	1.00	0.651	pCi/L	11/18/25 07:57	12/11/25 12:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.6*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:06*	*1*
Y Carrier	*75.1*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:06*	*1*

Client Sample ID: SFL MW-5

Date Collected: 11/12/25 13:10
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-8

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2950**		5.00	2.50	mg/L			11/20/25 15:58	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 15:49	1
Sulfate	**2480**		5.00	2.00	mg/L			11/20/25 15:58	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**5.63**		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:09	1
Calcium	**850**		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:15	50
Magnesium	**147**		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:09	1
Potassium	**62.7**		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:09	1
Sodium	**1520**		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:15	50
Lithium	**0.588**		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.476**		0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:41	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:41	1
Arsenic	**0.00166**	**J**	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:41	1
Barium	**0.0156**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:41	1
Beryllium	**0.00908**		0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:41	1
Cadmium	**0.00353**		0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:41	1
Chromium	**0.00290**	**J**	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:41	1
Cobalt	**0.0408**		0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:41	1
Iron	**0.486**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:41	1
Lead	**0.000578**	**J**	0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:41	1
Molybdenum	**0.000293**	**J**	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:41	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:41	1
Thallium	**0.00119**	**J**	0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000101**	**J**	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/19/25 12:18	1
Total Dissolved Solids (SM 2540C)	**8570**		50.0	50.0	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	**4.4**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**19.5**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**78.7**		28.7	29.7	50.0	34.5	pCi/L	11/18/25 10:10	12/09/25 07:02	1
Radium-228	31.1	U	28.0	28.2	50.0	40.1	pCi/L	11/18/25 10:10	12/09/25 07:02	1
Combined Radium 226 + 228	**110**		40.1	41.0		40.1	pCi/L	11/18/25 10:10	12/09/25 07:02	1

Client Sample ID: SFL MW-5

Lab Sample ID: 870-41591-8
Date Collected: 11/12/25 13:10
Matrix: Water
Date Received: 11/14/25 10:26

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.53		0.621	0.698	1.00	0.398	pCi/L	11/18/25 07:54	12/11/25 18:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.4*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	12.4		1.21	1.66	1.00	0.625	pCi/L	11/18/25 07:57	12/11/25 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.4*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:07*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:07*	*1*

Client Sample ID: MNW-18

Lab Sample ID: 870-41591-9
Date Collected: 11/12/25 14:45
Matrix: Water
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		0.500	0.250	mg/L			11/20/25 16:07	1
Fluoride	0.129	J	0.500	0.100	mg/L			11/20/25 16:07	1
Sulfate	1240		5.00	2.00	mg/L			11/20/25 16:16	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.388		0.0500	0.0162	mg/L		11/22/25 10:36	11/24/25 13:39	1
Calcium	198		0.200	0.102	mg/L		11/22/25 10:36	11/24/25 13:39	1
Magnesium	31.0		0.200	0.0445	mg/L		11/22/25 10:36	11/24/25 13:39	1
Potassium	28.7		0.500	0.106	mg/L		11/22/25 10:36	11/24/25 13:39	1
Sodium	520		25.0	7.59	mg/L		11/22/25 10:36	11/24/25 13:47	50
Lithium	0.322		0.0400	0.0174	mg/L		11/22/25 10:36	11/24/25 13:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/20/25 10:00	11/20/25 18:34	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/20/25 10:00	11/20/25 18:34	1
Arsenic	0.000746	J	0.00400	0.000690	mg/L		11/20/25 10:00	11/20/25 18:34	1
Barium	0.0149		0.00400	0.00134	mg/L		11/20/25 10:00	11/20/25 18:34	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/20/25 10:00	11/20/25 18:34	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/20/25 10:00	11/20/25 18:34	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/20/25 10:00	11/20/25 18:34	1
Cobalt	0.000603	J	0.00200	0.000355	mg/L		11/20/25 10:00	11/20/25 18:34	1
Iron	0.181		0.0200	0.00445	mg/L		11/20/25 10:00	11/20/25 18:34	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/20/25 10:00	11/20/25 18:34	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/20/25 10:00	11/20/25 18:34	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/20/25 10:00	11/20/25 18:34	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/20/25 10:00	11/20/25 18:34	1

Client Sample ID: MNW-18

Lab Sample ID: 870-41591-9
Matrix: Water
Date Collected: 11/12/25 14:45
Date Received: 11/14/25 10:26

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/20/25 07:50	11/20/25 19:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	190		4.00	4.00	mg/L			11/19/25 11:18	1
Total Dissolved Solids (SM 2540C)	2170		10.0	10.0	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	6.8	HF			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	18.4	HF			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	110		28.0	30.0	50.0	28.1	pCi/L	11/18/25 10:10	12/09/25 07:03	1
Radium-228	15.9	U G	31.7	31.7	50.0	50.6	pCi/L	11/18/25 10:10	12/09/25 07:03	1
Combined Radium 226 + 228	126		42.3	43.6		50.6	pCi/L	11/18/25 10:10	12/09/25 07:03	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.533		0.314	0.318	1.00	0.431	pCi/L	11/18/25 07:54	12/11/25 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.971		0.399	0.409	1.00	0.496	pCi/L	11/18/25 07:57	12/11/25 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:07*	*1*
Y Carrier	*81.5*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:07*	*1*

Client Sample ID: SFL MW-7

Lab Sample ID: 870-41591-10
Matrix: Water
Date Collected: 11/12/25 15:00
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3170		5.00	2.50	mg/L			11/20/25 16:35	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 16:26	1
Sulfate	1020		5.00	2.00	mg/L			11/20/25 16:35	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.766		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:20	1
Calcium	745		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:29	50
Magnesium	104		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:20	1

Client Sample ID: SFL MW-7

Date Collected: 11/12/25 15:00
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-10

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**56.3**		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:20	1
Sodium	**1270**		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:29	50
Lithium	**0.344**		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0190**	**J**	0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:44	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:44	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:44	1
Barium	**0.0320**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:44	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:44	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:44	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:44	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:44	1
Iron	**0.0803**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:44	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:44	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:44	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:44	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**158**		4.00	4.00	mg/L			11/19/25 11:38	1
Total Dissolved Solids (SM 2540C)	**6710**		50.0	50.0	mg/L			11/17/25 17:27	1
pH (SM 4500 H+ B)	**6.3**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.0**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**65.7**		18.8	19.9	50.0	14.7	pCi/L	11/18/25 10:10	12/09/25 11:15	1
Radium-228	5.01	U G	17.0	17.0	50.0	56.5	pCi/L	11/18/25 10:10	12/09/25 11:15	1
Combined Radium 226 + 228	**70.7**		25.3	26.2		56.5	pCi/L	11/18/25 10:10	12/09/25 11:15	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.711**		0.368	0.373	1.00	0.465	pCi/L	11/18/25 07:54	12/11/25 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:23*	*1*

Client Sample ID: SFL MW-7

Lab Sample ID: 870-41591-10

Date Collected: 11/12/25 15:00
Matrix: Water
Date Received: 11/14/25 10:26

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.82		0.693	0.740	1.00	0.676	pCi/L	11/18/25 07:57	12/11/25 12:07	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:07*	*1*
Y Carrier	*81.9*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:07*	*1*

Client Sample ID: SFL MW-3

Lab Sample ID: 870-41591-11

Date Collected: 11/12/25 15:20
Matrix: Water
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	846		5.00	2.50	mg/L			11/20/25 18:07	10
Fluoride	0.558		0.500	0.100	mg/L			11/20/25 17:59	1
Sulfate	2550		5.00	2.00	mg/L			11/20/25 18:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	5.58		0.0500	0.0162	mg/L		11/22/25 10:36	11/24/25 13:41	1
Calcium	541		0.200	0.102	mg/L		11/22/25 10:36	11/24/25 13:41	1
Magnesium	98.0		0.200	0.0445	mg/L		11/22/25 10:36	11/24/25 13:41	1
Potassium	54.7		0.500	0.106	mg/L		11/22/25 10:36	11/24/25 13:41	1
Sodium	750		25.0	7.59	mg/L		11/22/25 10:36	11/24/25 13:48	50
Lithium	0.304		0.0400	0.0174	mg/L		11/22/25 10:36	11/24/25 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7.85		0.0200	0.00549	mg/L		11/20/25 10:00	11/20/25 18:37	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/20/25 10:00	11/20/25 18:37	1
Arsenic	0.00326	J	0.00400	0.000690	mg/L		11/20/25 10:00	11/20/25 18:37	1
Barium	0.0104		0.00400	0.00134	mg/L		11/20/25 10:00	11/20/25 18:37	1
Beryllium	0.0295		0.00200	0.000271	mg/L		11/20/25 10:00	11/20/25 18:37	1
Cadmium	0.00448		0.00200	0.000240	mg/L		11/20/25 10:00	11/20/25 18:37	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/20/25 10:00	11/20/25 18:37	1
Cobalt	0.0477		0.00200	0.000355	mg/L		11/20/25 10:00	11/20/25 18:37	1
Iron	1.65		0.0200	0.00445	mg/L		11/20/25 10:00	11/20/25 18:37	1
Lead	0.0172		0.00200	0.000367	mg/L		11/20/25 10:00	11/20/25 18:37	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/20/25 10:00	11/20/25 18:37	1
Selenium	0.00101	J	0.00200	0.000590	mg/L		11/20/25 10:00	11/20/25 18:37	1
Thallium	0.00549		0.00200	0.000415	mg/L		11/20/25 10:00	11/20/25 18:37	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/20/25 07:50	11/20/25 19:07	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/19/25 13:03	1
Total Dissolved Solids (SM 2540C)	4210		20.0	20.0	mg/L			11/19/25 18:06	1

Client Sample ID: SFL MW-3

Lab Sample ID: 870-41591-11
Matrix: Water
Date Collected: 11/12/25 15:20
Date Received: 11/14/25 10:26

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	3.8	HF			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	18.1	HF			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	33.2		23.4	23.6	50.0	32.2	pCi/L	11/18/25 10:10	12/09/25 11:17	1
Radium-228	-20.8	U G	30.9	31.0	50.0	106	pCi/L	11/18/25 10:10	12/09/25 11:17	1
Combined Radium 226 + 228	12.4	U	38.8	39.0		106	pCi/L	11/18/25 10:10	12/09/25 11:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.60		0.426	0.450	1.00	0.369	pCi/L	11/18/25 07:54	12/11/25 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.37		0.706	0.813	1.00	0.560	pCi/L	11/18/25 07:57	12/11/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.3*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:08*	*1*
Y Carrier	*81.1*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:08*	*1*

Client Sample ID: FD1

Lab Sample ID: 870-41591-12
Matrix: Water
Date Collected: 11/12/25 15:45
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	850		5.00	2.50	mg/L			11/20/25 18:21	10
Fluoride	0.559		0.500	0.100	mg/L			11/20/25 18:14	1
Sulfate	2560		5.00	2.00	mg/L			11/20/25 18:21	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	5.37		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:22	1
Calcium	610		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:30	50
Magnesium	95.6		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:22	1
Potassium	53.7		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:22	1
Sodium	780		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:30	50
Lithium	0.210		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:22	1

Client Sample ID: FD1

Date Collected: 11/12/25 15:45
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-12

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7.97**		0.100	0.0275	mg/L		11/19/25 13:23	11/21/25 22:59	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:47	1
Arsenic	**0.00324**	**J**	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:47	1
Barium	**0.0110**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:47	1
Beryllium	**0.0296**		0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:47	1
Cadmium	**0.00432**		0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:47	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:47	1
Cobalt	**0.0472**		0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:47	1
Iron	**1.64**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:47	1
Lead	**0.0177**		0.0100	0.00184	mg/L		11/19/25 13:23	11/21/25 12:48	5
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:47	1
Selenium	**0.000880**	**J**	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:47	1
Thallium	**0.00550**	**J**	0.0100	0.00208	mg/L		11/19/25 13:23	11/21/25 12:48	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0000990**	**J**	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/19/25 11:24	1
Total Dissolved Solids (SM 2540C)	**4430**		20.0	20.0	mg/L			11/19/25 18:06	1
pH (SM 4500 H+ B)	**3.7**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.1**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**56.6**		27.5	28.1	50.0	33.8	pCi/L	11/18/25 10:10	12/09/25 11:18	1
Radium-228	17.0	U	31.5	31.5	50.0	47.1	pCi/L	11/18/25 10:10	12/09/25 11:18	1
Combined Radium 226 + 228	**73.7**		41.8	42.2		47.1	pCi/L	11/18/25 10:10	12/09/25 11:18	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.69**		0.409	0.436	1.00	0.299	pCi/L	11/18/25 07:54	12/11/25 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.34**		0.636	0.706	1.00	0.533	pCi/L	11/18/25 07:57	12/11/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:08*	*1*

Client Sample ID: FD1

Lab Sample ID: 870-41591-12
Matrix: Water
Date Collected: 11/12/25 15:45
Date Received: 11/14/25 10:26

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	78.1		30 - 110	11/18/25 07:57	12/11/25 12:08	1

Client Sample ID: MNW-15

Lab Sample ID: 870-41591-13
Matrix: Water
Date Collected: 11/12/25 16:35
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**774**		5.00	2.50	mg/L			11/20/25 18:51	10
Fluoride	**0.965**		0.500	0.100	mg/L			11/20/25 18:43	1
Sulfate	**1620**		5.00	2.00	mg/L			11/20/25 18:51	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**10.6**		0.0500	0.0162	mg/L		11/22/25 10:36	11/24/25 13:42	1
Calcium	**288**		0.200	0.102	mg/L		11/22/25 10:36	11/24/25 13:42	1
Magnesium	**60.8**		0.200	0.0445	mg/L		11/22/25 10:36	11/24/25 13:42	1
Potassium	**32.4**		0.500	0.106	mg/L		11/22/25 10:36	11/24/25 13:42	1
Sodium	**505**		25.0	7.59	mg/L		11/22/25 10:36	11/24/25 13:50	50
Lithium	**0.105**		0.0400	0.0174	mg/L		11/22/25 10:36	11/24/25 13:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**26.5**		0.0200	0.00549	mg/L		11/20/25 10:00	11/20/25 18:40	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/20/25 10:00	11/20/25 18:40	1
Arsenic	**0.00832**		0.00400	0.000690	mg/L		11/20/25 10:00	11/20/25 18:40	1
Barium	**0.0131**		0.00400	0.00134	mg/L		11/20/25 10:00	11/20/25 18:40	1
Beryllium	**0.0736**		0.00200	0.000271	mg/L		11/20/25 10:00	11/20/25 18:40	1
Cadmium	**0.0426**		0.00200	0.000240	mg/L		11/20/25 10:00	11/20/25 18:40	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/20/25 10:00	11/20/25 18:40	1
Cobalt	**0.245**		0.00200	0.000355	mg/L		11/20/25 10:00	11/20/25 18:40	1
Iron	**20.1**		0.100	0.0223	mg/L		11/20/25 10:00	11/20/25 18:44	5
Lead	**0.00105**	**J**	0.00200	0.000367	mg/L		11/20/25 10:00	11/20/25 18:40	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/20/25 10:00	11/20/25 18:40	1
Selenium	**0.000740**	**J**	0.00200	0.000590	mg/L		11/20/25 10:00	11/20/25 18:40	1
Thallium	**0.00241**		0.00200	0.000415	mg/L		11/20/25 10:00	11/20/25 18:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/20/25 07:50	11/20/25 19:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/19/25 13:51	1
Total Dissolved Solids (SM 2540C)	**3180**		20.0	20.0	mg/L			11/19/25 18:06	1
pH (SM 4500 H+ B)	**3.5**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.2**	**HF**			Celsius			11/17/25 18:19	1

Client Sample ID: MNW-15

Date Collected: 11/12/25 16:35
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-13

Matrix: Water

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**58.0**		20.8	21.5	50.0	23.8	pCi/L	11/18/25 10:10	12/09/25 11:16	1
Radium-228	8.83	U	35.4	35.4	50.0	45.9	pCi/L	11/18/25 10:10	12/09/25 11:16	1
Combined Radium 226 + 228	**66.8**		41.1	41.4		45.9	pCi/L	11/18/25 10:10	12/09/25 11:16	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.305	U	0.264	0.266	1.00	0.401	pCi/L	11/18/25 07:54	12/11/25 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.4*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.40**		0.554	0.569	1.00	0.698	pCi/L	11/18/25 07:57	12/11/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.4*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:08*	*1*
Y Carrier	*74.8*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:08*	*1*

Client Sample ID: SFL MW-4

Date Collected: 11/12/25 17:10
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-14

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1810**		5.00	2.50	mg/L			11/20/25 19:06	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 18:58	1
Sulfate	**2870**		5.00	2.00	mg/L			11/20/25 19:06	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.906**		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:24	1
Calcium	**850**		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:32	50
Magnesium	**119**		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:24	1
Potassium	**63.5**		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:24	1
Sodium	**1050**		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:32	50
Lithium	**0.325**		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0147**	**J**	0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:50	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:50	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:50	1
Barium	**0.0179**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:50	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:50	1

Client Sample ID: SFL MW-4

Date Collected: 11/12/25 17:10
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-14

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:50	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:50	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:50	1
Iron	**0.453**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:50	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:50	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:50	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:50	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:55	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**169**		4.00	4.00	mg/L			11/19/25 12:52	1
Total Dissolved Solids (SM 2540C)	**5870**		20.0	20.0	mg/L			11/19/25 18:06	1
pH (SM 4500 H+ B)	**6.2**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.5**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**41.2**		21.3	21.7	50.0	28.7	pCi/L	11/18/25 10:10	12/09/25 11:17	1
Radium-228	4.25	U	28.8	28.8	50.0	48.9	pCi/L	11/18/25 10:10	12/09/25 11:17	1
Combined Radium 226 + 228	45.5	U	35.8	36.1		48.9	pCi/L	11/18/25 10:10	12/09/25 11:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.487	U	0.374	0.377	1.00	0.562	pCi/L	11/18/25 07:54	12/11/25 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.07**		0.649	0.676	1.00	0.751	pCi/L	11/18/25 07:57	12/11/25 12:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.4*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:08*	*1*
Y Carrier	*81.1*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:08*	*1*

Client Sample ID: SFL MW-2

Date Collected: 11/13/25 09:45
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-15

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2770**		5.00	2.50	mg/L			11/20/25 19:20	10
Fluoride	<1.00	U	5.00	1.00	mg/L			11/20/25 19:20	10
Sulfate	**1600**		5.00	2.00	mg/L			11/20/25 19:20	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.650**		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:25	1
Calcium	**735**		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:34	50
Magnesium	**97.9**		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:25	1
Potassium	**57.5**		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:25	1
Sodium	**1330**		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:34	50
Lithium	**0.369**		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.374**		0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:53	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:53	1
Arsenic	**0.00123**	**J**	0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:53	1
Barium	**0.0187**		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:53	1
Beryllium	**0.00144**	**J**	0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:53	1
Cadmium	**0.000801**	**J**	0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:53	1
Chromium	**0.000595**	**J**	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:53	1
Cobalt	**0.0166**		0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:53	1
Iron	**0.119**		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:53	1
Lead	**0.000583**	**J**	0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:53	1
Molybdenum	**0.00116**	**J**	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:53	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:53	1
Thallium	**0.000510**	**J**	0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 20:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**115**		4.00	4.00	mg/L			11/19/25 12:06	1
Total Dissolved Solids (SM 2540C)	**5430**		20.0	20.0	mg/L			11/19/25 18:06	1
pH (SM 4500 H+ B)	**6.2**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.5**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**63.1**		21.9	22.8	50.0	23.5	pCi/L	11/18/25 10:10	12/09/25 13:41	1
Radium-228	6.79	U G	22.3	22.3	50.0	59.1	pCi/L	11/18/25 10:10	12/09/25 13:41	1
Combined Radium 226 + 228	**69.9**		31.3	31.9		59.1	pCi/L	11/18/25 10:10	12/09/25 13:41	1

Client Sample ID: SFL MW-2

Lab Sample ID: 870-41591-15

Date Collected: 11/13/25 09:45
Matrix: Water
Date Received: 11/14/25 10:26

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.32		0.640	0.673	1.00	0.631	pCi/L	11/18/25 07:54	12/11/25 18:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	7.12		1.12	1.29	1.00	0.897	pCi/L	11/18/25 07:57	12/11/25 12:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.2*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:16*	*1*
Y Carrier	*77.4*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:16*	*1*

Client Sample ID: SSP MW-3

Lab Sample ID: 870-41591-16

Date Collected: 11/13/25 12:05
Matrix: Water
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1500		5.00	2.50	mg/L			11/20/25 19:35	10
Fluoride	0.667	F1	0.500	0.100	mg/L			11/20/25 19:28	1
Sulfate	2710		5.00	2.00	mg/L			11/20/25 19:35	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.77		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:40	1
Calcium	705		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:48	50
Magnesium	143		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:40	1
Potassium	54.2		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:40	1
Sodium	1050		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:48	50
Lithium	0.450		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:40	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1.75		0.0200	0.00549	mg/L		11/19/25 13:23	11/20/25 23:56	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/20/25 23:56	1
Arsenic	0.00730		0.00400	0.000690	mg/L		11/19/25 13:23	11/20/25 23:56	1
Barium	0.0156		0.00400	0.00134	mg/L		11/19/25 13:23	11/20/25 23:56	1
Beryllium	0.0970		0.00200	0.000271	mg/L		11/19/25 13:23	11/20/25 23:56	1
Cadmium	0.0404		0.00200	0.000240	mg/L		11/19/25 13:23	11/20/25 23:56	1
Chromium	0.00151	J	0.00400	0.000560	mg/L		11/19/25 13:23	11/20/25 23:56	1
Cobalt	0.428		0.00200	0.000355	mg/L		11/19/25 13:23	11/20/25 23:56	1
Iron	0.937		0.0200	0.00445	mg/L		11/19/25 13:23	11/20/25 23:56	1
Lead	0.00411		0.00200	0.000367	mg/L		11/19/25 13:23	11/20/25 23:56	1
Molybdenum	0.000613	J	0.00200	0.000255	mg/L		11/19/25 13:23	11/20/25 23:56	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/20/25 23:56	1
Thallium	0.00844		0.00200	0.000415	mg/L		11/19/25 13:23	11/20/25 23:56	1

Client Sample ID: SSP MW-3

Lab Sample ID: 870-41591-16
Matrix: Water
Date Collected: 11/13/25 12:05
Date Received: 11/14/25 10:26

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000239**		0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 21:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/19/25 12:58	1
Total Dissolved Solids (SM 2540C)	**5480**		20.0	20.0	mg/L			11/19/25 18:06	1
pH (SM 4500 H+ B)	**4.5**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.9**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.93	U G	48.1	48.1	50.0	83.0	pCi/L	11/18/25 10:10	12/09/25 13:42	1
Radium-228	24.8	U G	40.7	40.8	50.0	75.7	pCi/L	11/18/25 10:10	12/09/25 13:42	1
Combined Radium 226 + 228	27.7	U	63.0	63.1		83.0	pCi/L	11/18/25 10:10	12/09/25 13:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**6.10**		0.763	0.940	1.00	0.333	pCi/L	11/18/25 07:54	12/12/25 07:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*11/18/25 07:54*	*12/12/25 07:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**29.2**		1.91	3.29	1.00	0.753	pCi/L	11/18/25 07:57	12/11/25 12:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:16*	*1*
Y Carrier	*84.5*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:16*	*1*

Client Sample ID: EB1

Lab Sample ID: 870-41591-17
Matrix: Water
Date Collected: 11/13/25 13:25
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.50**		0.500	0.250	mg/L			11/20/25 20:12	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 20:12	1
Sulfate	**5.22**		0.500	0.200	mg/L			11/20/25 20:12	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:27	1
Calcium	**0.125**	**J**	0.200	0.102	mg/L		11/21/25 09:00	11/21/25 16:27	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:27	1

Client Sample ID: EB1

Date Collected: 11/13/25 13:25
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-17

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**0.321**	**J**	0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:27	1
Sodium	**0.849**		0.500	0.152	mg/L		11/21/25 09:00	11/21/25 16:27	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/19/25 13:23	11/21/25 00:00	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:23	11/21/25 00:00	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/19/25 13:23	11/21/25 00:00	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/19/25 13:23	11/21/25 00:00	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/19/25 13:23	11/21/25 00:00	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:23	11/21/25 00:00	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:23	11/21/25 00:00	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:23	11/21/25 00:00	1
Iron	**0.00558**	**J**	0.0200	0.00445	mg/L		11/19/25 13:23	11/21/25 00:00	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:23	11/21/25 00:00	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/19/25 13:23	11/21/25 00:00	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:23	11/21/25 00:00	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:23	11/21/25 00:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 21:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/19/25 11:56	1
Total Dissolved Solids (SM 2540C)	**4.00**		2.50	2.50	mg/L			11/19/25 18:06	1
pH (SM 4500 H+ B)	**5.7**	**HF**			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	**18.4**	**HF**			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	24.0	U	17.9	18.0	50.0	25.0	pCi/L	11/18/25 10:10	12/09/25 13:42	1
Radium-228	9.26	U G	33.2	33.2	50.0	50.6	pCi/L	11/18/25 10:10	12/09/25 13:42	1
Combined Radium 226 + 228	33.3	U	37.7	37.8		50.6	pCi/L	11/18/25 10:10	12/09/25 13:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00757	U	0.112	0.112	1.00	0.246	pCi/L	11/18/25 07:54	12/12/25 07:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*11/18/25 07:54*	*12/12/25 07:41*	*1*

Client Sample ID: EB1

Lab Sample ID: 870-41591-17

Date Collected: 11/13/25 13:25
Matrix: Water
Date Received: 11/14/25 10:26

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.21		0.494	0.506	1.00	0.637	pCi/L	11/18/25 07:57	12/11/25 12:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:17*	*1*
Y Carrier	*77.8*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:17*	*1*

Client Sample ID: SSP MW-4

Lab Sample ID: 870-41591-18

Date Collected: 11/13/25 15:20
Matrix: Water
Date Received: 11/14/25 10:26

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1270		5.00	2.50	mg/L			11/20/25 20:34	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 20:27	1
Sulfate	1320		5.00	2.00	mg/L			11/20/25 20:34	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.37		0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 16:42	1
Calcium	445		10.0	5.08	mg/L		11/21/25 09:00	11/21/25 16:50	50
Magnesium	86.6		0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 16:42	1
Potassium	63.8		0.500	0.106	mg/L		11/21/25 09:00	11/21/25 16:42	1
Sodium	755		25.0	7.59	mg/L		11/21/25 09:00	11/21/25 16:50	50
Lithium	0.920		0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 16:42	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0174	J	0.0200	0.00549	mg/L		11/19/25 13:25	11/20/25 19:43	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:25	11/20/25 19:43	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/19/25 13:25	11/20/25 19:43	1
Barium	0.0171		0.00400	0.00134	mg/L		11/19/25 13:25	11/20/25 19:43	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/19/25 13:25	11/20/25 19:43	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:25	11/20/25 19:43	1
Chromium	0.00198	J	0.00400	0.000560	mg/L		11/19/25 13:25	11/20/25 19:43	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:25	11/20/25 19:43	1
Iron	0.746		0.0200	0.00445	mg/L		11/19/25 13:25	11/20/25 19:43	1
Lead	<0.00184	U	0.0100	0.00184	mg/L		11/19/25 13:25	11/20/25 19:46	5
Molybdenum	0.000813	J	0.00200	0.000255	mg/L		11/19/25 13:25	11/20/25 19:43	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:25	11/20/25 19:43	1
Thallium	<0.00208	U	0.0100	0.00208	mg/L		11/19/25 13:25	11/20/25 19:46	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 21:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	179		4.00	4.00	mg/L			11/19/25 12:23	1
Total Dissolved Solids (SM 2540C)	3560		20.0	20.0	mg/L			11/19/25 18:06	1

Client Sample ID: SSP MW-4

Date Collected: 11/13/25 15:20
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-18

Matrix: Water

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	6.2	HF			SU			11/17/25 18:19	1
Temperature (SM 4500 H+ B)	18.1	HF			Celsius			11/17/25 18:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-6.78	U G	18.9	18.9	50.0	58.0	pCi/L	11/18/25 10:10	12/09/25 13:41	1
Radium-228	12.7	U	26.3	26.4	50.0	48.5	pCi/L	11/18/25 10:10	12/09/25 13:41	1
Combined Radium 226 + 228	5.94	U	32.4	32.5		58.0	pCi/L	11/18/25 10:10	12/09/25 13:41	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.720		0.285	0.292	1.00	0.338	pCi/L	11/18/25 07:54	12/12/25 07:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*11/18/25 07:54*	*12/12/25 07:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.20		0.746	0.840	1.00	0.665	pCi/L	11/18/25 07:57	12/11/25 12:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.9*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:17*	*1*
Y Carrier	*78.9*		*30 - 110*	*11/18/25 07:57*	*12/11/25 12:17*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)
870-41591-1	AP MW-1D	86.4
870-41591-2	AP MW-5	93.3
870-41591-3	AP MW-4	82.2
870-41591-4	AP MW-3	88.3
870-41591-5	SSP MW-2	88.6
870-41591-6	SSP/AP MW-1	91.9
870-41591-7	FD2	83.6
870-41591-8	SFL MW-5	77.4
870-41591-9	MNW-18	86.4
870-41591-10	SFL MW-7	85.5
870-41591-11	SFL MW-3	90.3
870-41591-12	FD1	89.4
870-41591-13	MNW-15	74.4
870-41591-14	SFL MW-4	89.4
870-41591-15	SFL MW-2	82.2
870-41591-16	SSP MW-3	90.5
870-41591-17	EB1	81.6
870-41591-18	SSP MW-4	86.9
LCS 160-745745/2-A	Lab Control Sample	86.1
MB 160-745745/1-A	Method Blank	89.7

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Yield (Acceptance Limits) Ba (30-110)	Y (30-110)
870-41591-1	AP MW-1D	86.4	80.7
870-41591-2	AP MW-5	93.3	82.6
870-41591-3	AP MW-4	82.2	80.0
870-41591-4	AP MW-3	88.3	79.6
870-41591-5	SSP MW-2	88.6	76.6
870-41591-6	SSP/AP MW-1	91.9	77.8
870-41591-7	FD2	83.6	75.1
870-41591-8	SFL MW-5	77.4	80.7
870-41591-9	MNW-18	86.4	81.5
870-41591-10	SFL MW-7	85.5	81.9
870-41591-11	SFL MW-3	90.3	81.1
870-41591-12	FD1	89.4	78.1
870-41591-13	MNW-15	74.4	74.8
870-41591-14	SFL MW-4	89.4	81.1
870-41591-15	SFL MW-2	82.2	77.4
870-41591-16	SSP MW-3	90.5	84.5
870-41591-17	EB1	81.6	77.8
870-41591-18	SSP MW-4	86.9	78.9
LCS 160-745746/2-A	Lab Control Sample	86.1	84.5
MB 160-745746/1-A	Method Blank	89.7	81.5

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-277119/3
Matrix: Water
Analysis Batch: 277119

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			11/20/25 09:55	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 09:55	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/20/25 09:55	1

Lab Sample ID: LCS 860-277119/4
Matrix: Water
Analysis Batch: 277119

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.915		mg/L		99	90 - 110
Fluoride	10.0	9.479		mg/L		95	90 - 110
Sulfate	10.0	10.08		mg/L		101	90 - 110

Lab Sample ID: LCSD 860-277119/5
Matrix: Water
Analysis Batch: 277119

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.27		mg/L		103	90 - 110	4	20
Fluoride	10.0	9.978		mg/L		100	90 - 110	5	20
Sulfate	10.0	10.49		mg/L		105	90 - 110	4	20

Lab Sample ID: LLCS 860-277119/7
Matrix: Water
Analysis Batch: 277119

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6317		mg/L		126	50 - 150
Fluoride	0.500	0.4832	J	mg/L		97	50 - 150
Sulfate	0.500	0.6082		mg/L		122	50 - 150

Lab Sample ID: MB 860-277149/33
Matrix: Water
Analysis Batch: 277149

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			11/20/25 14:25	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/20/25 14:25	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/20/25 14:25	1

Lab Sample ID: LCS 860-277149/34
Matrix: Water
Analysis Batch: 277149

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.863		mg/L		99	90 - 110
Fluoride	10.0	9.397		mg/L		94	90 - 110
Sulfate	10.0	9.175		mg/L		92	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-277149/35
Matrix: Water
Analysis Batch: 277149

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.842		mg/L		98	90 - 110	0	20
Fluoride			10.0	10.82		mg/L		108	90 - 110	14	20
Sulfate			10.0	9.117		mg/L		91	90 - 110	1	20

Lab Sample ID: 870-41591-16 MS
Matrix: Water
Analysis Batch: 277149

Client Sample ID: SSP MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.667	F1	10.0	7.793	F1	mg/L		71	90 - 110		

Lab Sample ID: 870-41591-16 MSD
Matrix: Water
Analysis Batch: 277149

Client Sample ID: SSP MW-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.667	F1	10.0	7.399	F1	mg/L		67	90 - 110	5	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-277457/1-A
Matrix: Water
Analysis Batch: 277842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277457

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/21/25 09:00	11/21/25 15:25	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/21/25 09:00	11/21/25 15:25	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/21/25 09:00	11/21/25 15:25	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/21/25 09:00	11/21/25 15:25	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/21/25 09:00	11/21/25 15:25	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/21/25 09:00	11/21/25 15:25	1

Lab Sample ID: LCS 860-277457/2-A
Matrix: Water
Analysis Batch: 277842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277457

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.010		mg/L		101	80 - 120		
Calcium			25.0	25.80		mg/L		103	80 - 120		
Magnesium			25.0	25.90		mg/L		104	80 - 120		
Potassium			10.0	9.970		mg/L		100	80 - 120		
Sodium			25.0	24.80		mg/L		99	80 - 120		
Lithium			1.00	1.000		mg/L		100	80 - 120		

Lab Sample ID: LCSD 860-277457/3-A
Matrix: Water
Analysis Batch: 277842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277457

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.010		mg/L		101	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-277457/3-A
Matrix: Water
Analysis Batch: 277842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277457

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium			25.0	25.80		mg/L		103	80 - 120	0	20
Magnesium			25.0	25.90		mg/L		104	80 - 120	0	20
Potassium			10.0	9.970		mg/L		100	80 - 120	0	20
Sodium			25.0	24.80		mg/L		99	80 - 120	0	20
Lithium			1.00	0.9980		mg/L		100	80 - 120	0	20

Lab Sample ID: MB 860-277720/1-A
Matrix: Water
Analysis Batch: 277983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277720

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/22/25 10:32	11/24/25 13:59	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/22/25 10:32	11/24/25 13:59	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/22/25 10:32	11/24/25 13:59	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/22/25 10:32	11/24/25 13:59	1
Sodium	0.2250	J	0.500	0.152	mg/L		11/22/25 10:32	11/24/25 13:59	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/22/25 10:32	11/24/25 13:59	1

Lab Sample ID: LCS 860-277720/2-A
Matrix: Water
Analysis Batch: 277983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277720

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.010		mg/L		101	80 - 120		
Calcium			25.0	25.90		mg/L		104	80 - 120		
Magnesium			25.0	24.90		mg/L		100	80 - 120		
Potassium			10.0	9.800		mg/L		98	80 - 120		
Sodium			25.0	24.70		mg/L		99	80 - 120		
Lithium			1.00	0.9650		mg/L		97	80 - 120		

Lab Sample ID: LCSD 860-277720/3-A
Matrix: Water
Analysis Batch: 277983

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277720

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.010		mg/L		101	80 - 120	0	20
Calcium			25.0	26.00		mg/L		104	80 - 120	0	20
Magnesium			25.0	24.90		mg/L		100	80 - 120	0	20
Potassium			10.0	9.820		mg/L		98	80 - 120	0	20
Sodium			25.0	24.70		mg/L		99	80 - 120	0	20
Lithium			1.00	0.9620		mg/L		96	80 - 120	0	20

Lab Sample ID: 870-41591-7 MS
Matrix: Water
Analysis Batch: 277983

Client Sample ID: FD2
Prep Type: Total/NA
Prep Batch: 277720

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	4.45		1.00	5.460	4	mg/L		101	75 - 125		
Calcium	126		25.0	149.0	4	mg/L		92	75 - 125		
Magnesium	19.1		25.0	43.80		mg/L		99	75 - 125		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 870-41591-7 MS
Matrix: Water
Analysis Batch: 277983

Client Sample ID: FD2
Prep Type: Total/NA
Prep Batch: 277720

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Potassium	10.5		10.0	21.20		mg/L		107	75 - 125
Sodium	184	B	25.0	207.0	4	mg/L		92	75 - 125
Lithium	0.0484		1.00	1.090		mg/L		104	75 - 125

Lab Sample ID: 870-41591-7 MSD
Matrix: Water
Analysis Batch: 277983

Client Sample ID: FD2
Prep Type: Total/NA
Prep Batch: 277720

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	4.45		1.00	5.430	4	mg/L		98	75 - 125	1	20
Calcium	126		25.0	149.0	4	mg/L		92	75 - 125	0	20
Magnesium	19.1		25.0	43.50		mg/L		98	75 - 125	1	20
Potassium	10.5		10.0	21.00		mg/L		105	75 - 125	1	20
Sodium	184	B	25.0	207.0	4	mg/L		92	75 - 125	0	20
Lithium	0.0484		1.00	1.080		mg/L		103	75 - 125	1	20

Lab Sample ID: MB 860-277722/1-A
Matrix: Water
Analysis Batch: 277983

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277722

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/22/25 10:35	11/24/25 12:43	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/22/25 10:35	11/24/25 12:43	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/22/25 10:35	11/24/25 12:43	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/22/25 10:35	11/24/25 12:43	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/22/25 10:35	11/24/25 12:43	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/22/25 10:35	11/24/25 12:43	1

Lab Sample ID: LCS 860-277722/2-A
Matrix: Water
Analysis Batch: 277983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277722

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.010		mg/L		101	80 - 120
Calcium	25.0	26.10		mg/L		104	80 - 120
Magnesium	25.0	25.00		mg/L		100	80 - 120
Potassium	10.0	9.800		mg/L		98	80 - 120
Sodium	25.0	24.60		mg/L		98	80 - 120
Lithium	1.00	0.9460		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-277722/3-A
Matrix: Water
Analysis Batch: 277983

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277722

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.010		mg/L		101	80 - 120	0	20
Calcium	25.0	26.00		mg/L		104	80 - 120	0	20
Magnesium	25.0	25.00		mg/L		100	80 - 120	0	20
Potassium	10.0	9.800		mg/L		98	80 - 120	0	20
Sodium	25.0	24.60		mg/L		98	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-277722/3-A
Matrix: Water
Analysis Batch: 277983

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277722

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lithium			1.00	0.9490		mg/L		95	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-276744/1-A
Matrix: Water
Analysis Batch: 277344

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276744

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/18/25 18:17	11/19/25 22:22	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/18/25 18:17	11/19/25 22:22	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/18/25 18:17	11/19/25 22:22	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/18/25 18:17	11/19/25 22:22	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/18/25 18:17	11/19/25 22:22	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/18/25 18:17	11/19/25 22:22	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/18/25 18:17	11/19/25 22:22	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/18/25 18:17	11/19/25 22:22	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/18/25 18:17	11/19/25 22:22	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/18/25 18:17	11/19/25 22:22	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/18/25 18:17	11/19/25 22:22	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/18/25 18:17	11/19/25 22:22	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/18/25 18:17	11/19/25 22:22	1

Lab Sample ID: LCS 860-276744/2-A
Matrix: Water
Analysis Batch: 277344

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276744

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum			0.500	0.5105		mg/L		102	80 - 120
Antimony			0.100	0.1052		mg/L		105	80 - 120
Arsenic			0.100	0.1026		mg/L		103	80 - 120
Barium			0.100	0.1012		mg/L		101	80 - 120
Beryllium			0.100	0.1005		mg/L		100	80 - 120
Cadmium			0.100	0.1012		mg/L		101	80 - 120
Chromium			0.100	0.1010		mg/L		101	80 - 120
Cobalt			0.100	0.1006		mg/L		101	80 - 120
Iron			0.500	0.5042		mg/L		101	80 - 120
Lead			0.100	0.1002		mg/L		100	80 - 120
Molybdenum			0.100	0.1010		mg/L		101	80 - 120
Selenium			0.100	0.1016		mg/L		102	80 - 120
Thallium			0.100	0.1030		mg/L		103	80 - 120

Lab Sample ID: LCSD 860-276744/3-A
Matrix: Water
Analysis Batch: 277344

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276744

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.5023		mg/L		100	80 - 120	2	20
Antimony			0.100	0.1061		mg/L		106	80 - 120	1	20
Arsenic			0.100	0.1021		mg/L		102	80 - 120	0	20

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

Lab Sample ID: LCSD 860-276744/3-A
Matrix: Water
Analysis Batch: 277344

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276744

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.100	0.1018		mg/L		102	80 - 120	1	20
Beryllium	0.100	0.1004		mg/L		100	80 - 120	0	20
Cadmium	0.100	0.1014		mg/L		101	80 - 120	0	20
Chromium	0.100	0.1001		mg/L		100	80 - 120	1	20
Cobalt	0.100	0.1003		mg/L		100	80 - 120	0	20
Iron	0.500	0.5037		mg/L		101	80 - 120	0	20
Lead	0.100	0.1001		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1012		mg/L		101	80 - 120	0	20
Selenium	0.100	0.1013		mg/L		101	80 - 120	0	20
Thallium	0.100	0.1033		mg/L		103	80 - 120	0	20

Lab Sample ID: MB 860-276928/1-A
Matrix: Water
Analysis Batch: 277511

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276928

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/19/25 13:22	11/20/25 22:20	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:22	11/20/25 22:20	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/19/25 13:22	11/20/25 22:20	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/19/25 13:22	11/20/25 22:20	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/19/25 13:22	11/20/25 22:20	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:22	11/20/25 22:20	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:22	11/20/25 22:20	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:22	11/20/25 22:20	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/19/25 13:22	11/20/25 22:20	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:22	11/20/25 22:20	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/19/25 13:22	11/20/25 22:20	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:22	11/20/25 22:20	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:22	11/20/25 22:20	1

Lab Sample ID: LCS 860-276928/2-A
Matrix: Water
Analysis Batch: 277511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276928

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4728		mg/L		95	80 - 120
Antimony	0.100	0.1054		mg/L		105	80 - 120
Arsenic	0.100	0.1043		mg/L		104	80 - 120
Barium	0.100	0.1011		mg/L		101	80 - 120
Beryllium	0.100	0.09561		mg/L		96	80 - 120
Cadmium	0.100	0.1017		mg/L		102	80 - 120
Chromium	0.100	0.1039		mg/L		104	80 - 120
Cobalt	0.100	0.1040		mg/L		104	80 - 120
Iron	0.500	0.5178		mg/L		104	80 - 120
Lead	0.100	0.1019		mg/L		102	80 - 120
Molybdenum	0.100	0.1019		mg/L		102	80 - 120
Selenium	0.100	0.1022		mg/L		102	80 - 120
Thallium	0.100	0.1048		mg/L		105	80 - 120

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

Lab Sample ID: LCSD 860-276928/3-A
Matrix: Water
Analysis Batch: 277511

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276928

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4943		mg/L		99	80 - 120	4	20
Antimony			0.100	0.1061		mg/L		106	80 - 120	1	20
Arsenic			0.100	0.1048		mg/L		105	80 - 120	0	20
Barium			0.100	0.1029		mg/L		103	80 - 120	2	20
Beryllium			0.100	0.09543		mg/L		95	80 - 120	0	20
Cadmium			0.100	0.1018		mg/L		102	80 - 120	0	20
Chromium			0.100	0.1053		mg/L		105	80 - 120	1	20
Cobalt			0.100	0.1048		mg/L		105	80 - 120	1	20
Iron			0.500	0.5217		mg/L		104	80 - 120	1	20
Lead			0.100	0.1023		mg/L		102	80 - 120	0	20
Molybdenum			0.100	0.1031		mg/L		103	80 - 120	1	20
Selenium			0.100	0.1032		mg/L		103	80 - 120	1	20
Thallium			0.100	0.1052		mg/L		105	80 - 120	0	20

Lab Sample ID: MB 860-276930/1-A
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276930

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/19/25 13:25	11/20/25 19:05	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/19/25 13:25	11/20/25 19:05	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/19/25 13:25	11/20/25 19:05	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/19/25 13:25	11/20/25 19:05	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/19/25 13:25	11/20/25 19:05	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/19/25 13:25	11/20/25 19:05	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/19/25 13:25	11/20/25 19:05	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/19/25 13:25	11/20/25 19:05	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/19/25 13:25	11/20/25 19:05	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/19/25 13:25	11/20/25 19:05	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/19/25 13:25	11/20/25 19:05	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/19/25 13:25	11/20/25 19:05	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/19/25 13:25	11/20/25 19:05	1

Lab Sample ID: LCS 860-276930/2-A
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276930

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum			0.500	0.5013		mg/L		100	80 - 120
Antimony			0.100	0.1068		mg/L		107	80 - 120
Arsenic			0.100	0.1049		mg/L		105	80 - 120
Barium			0.100	0.1042		mg/L		104	80 - 120
Beryllium			0.100	0.09842		mg/L		98	80 - 120
Cadmium			0.100	0.1034		mg/L		103	80 - 120
Chromium			0.100	0.1054		mg/L		105	80 - 120
Cobalt			0.100	0.1050		mg/L		105	80 - 120
Iron			0.500	0.5198		mg/L		104	80 - 120
Lead			0.100	0.1047		mg/L		105	80 - 120
Molybdenum			0.100	0.1041		mg/L		104	80 - 120

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

Lab Sample ID: LCS 860-276930/2-A
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276930

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.1052		mg/L		105	80 - 120
Thallium	0.100	0.1096		mg/L		110	80 - 120

Lab Sample ID: LCSD 860-276930/3-A
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276930

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4794		mg/L		96	80 - 120	4	20
Antimony	0.100	0.1071		mg/L		107	80 - 120	0	20
Arsenic	0.100	0.1043		mg/L		104	80 - 120	1	20
Barium	0.100	0.1047		mg/L		105	80 - 120	0	20
Beryllium	0.100	0.09918		mg/L		99	80 - 120	1	20
Cadmium	0.100	0.1041		mg/L		104	80 - 120	1	20
Chromium	0.100	0.1048		mg/L		105	80 - 120	1	20
Cobalt	0.100	0.1048		mg/L		105	80 - 120	0	20
Iron	0.500	0.5218		mg/L		104	80 - 120	0	20
Lead	0.100	0.1052		mg/L		105	80 - 120	1	20
Molybdenum	0.100	0.1053		mg/L		105	80 - 120	1	20
Selenium	0.100	0.1059		mg/L		106	80 - 120	1	20
Thallium	0.100	0.1099		mg/L		110	80 - 120	0	20

Lab Sample ID: MB 860-276786/23-D
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277156

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/20/25 10:00	11/20/25 16:33	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/20/25 10:00	11/20/25 16:33	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/20/25 10:00	11/20/25 16:33	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/20/25 10:00	11/20/25 16:33	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/20/25 10:00	11/20/25 16:33	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/20/25 10:00	11/20/25 16:33	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/20/25 10:00	11/20/25 16:33	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/20/25 10:00	11/20/25 16:33	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/20/25 10:00	11/20/25 16:33	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/20/25 10:00	11/20/25 16:33	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/20/25 10:00	11/20/25 16:33	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/20/25 10:00	11/20/25 16:33	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/20/25 10:00	11/20/25 16:33	1

Lab Sample ID: LCS 860-276786/24-D
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4930		mg/L		99	80 - 120
Antimony	0.100	0.1049		mg/L		105	80 - 120
Arsenic	0.100	0.1027		mg/L		103	80 - 120

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

Lab Sample ID: LCS 860-276786/24-D
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277156

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.1046		mg/L		105	80 - 120
Beryllium	0.100	0.09490		mg/L		95	80 - 120
Cadmium	0.100	0.1029		mg/L		103	80 - 120
Chromium	0.100	0.1056		mg/L		106	80 - 120
Cobalt	0.100	0.1052		mg/L		105	80 - 120
Iron	0.500	0.5218		mg/L		104	80 - 120
Lead	0.100	0.1034		mg/L		103	80 - 120
Molybdenum	0.100	0.1040		mg/L		104	80 - 120
Selenium	0.100	0.1037		mg/L		104	80 - 120
Thallium	0.100	0.1081		mg/L		108	80 - 120

Lab Sample ID: LCSD 860-276786/25-D
Matrix: Water
Analysis Batch: 277341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277156

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5079		mg/L		102	80 - 120	3	20
Antimony	0.100	0.1059		mg/L		106	80 - 120	1	20
Arsenic	0.100	0.1021		mg/L		102	80 - 120	1	20
Barium	0.100	0.1033		mg/L		103	80 - 120	1	20
Beryllium	0.100	0.09700		mg/L		97	80 - 120	2	20
Cadmium	0.100	0.1024		mg/L		102	80 - 120	0	20
Chromium	0.100	0.1056		mg/L		106	80 - 120	0	20
Cobalt	0.100	0.1052		mg/L		105	80 - 120	0	20
Iron	0.500	0.5192		mg/L		104	80 - 120	0	20
Lead	0.100	0.1032		mg/L		103	80 - 120	0	20
Molybdenum	0.100	0.1059		mg/L		106	80 - 120	2	20
Selenium	0.100	0.1030		mg/L		103	80 - 120	1	20
Thallium	0.100	0.1076		mg/L		108	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-275492/26-B
Matrix: Water
Analysis Batch: 277419

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276888

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/20/25 07:50	11/20/25 18:30	1

Lab Sample ID: LCS 860-275492/27-B
Matrix: Water
Analysis Batch: 277419

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276888

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001900		mg/L		95	80 - 120

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

Lab Sample ID: LCSD 860-275492/28-B
Matrix: Water
Analysis Batch: 277419

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276888

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001810		mg/L		90	80 - 120	5	20

Lab Sample ID: MB 860-276892/10-A
Matrix: Water
Analysis Batch: 277067

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 276892

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/19/25 11:56	11/19/25 19:50	1

Lab Sample ID: LCS 860-276892/11-A
Matrix: Water
Analysis Batch: 277067

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 276892

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001955		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-276892/12-A
Matrix: Water
Analysis Batch: 277067

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 276892

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001972		mg/L		99	80 - 120	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-276432/3
Matrix: Water
Analysis Batch: 276432

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/17/25 10:11	1

Lab Sample ID: LCS 860-276432/4
Matrix: Water
Analysis Batch: 276432

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	241.0		mg/L		96	85 - 115		

Lab Sample ID: LCSD 860-276432/5
Matrix: Water
Analysis Batch: 276432

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	242.6		mg/L		97	85 - 115	1	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 860-277016/3
Matrix: Water
Analysis Batch: 277016

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/19/25 10:33	1

Lab Sample ID: MB 860-277016/34
Matrix: Water
Analysis Batch: 277016

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/19/25 13:22	1

Lab Sample ID: LCS 860-277016/35
Matrix: Water
Analysis Batch: 277016

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	240.8		mg/L		96	85 - 115

Lab Sample ID: LCS 860-277016/4
Matrix: Water
Analysis Batch: 277016

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	242.1		mg/L		97	85 - 115

Lab Sample ID: LCSD 860-277016/36
Matrix: Water
Analysis Batch: 277016

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	242.7		mg/L		97	85 - 115	1	20

Lab Sample ID: LCSD 860-277016/5
Matrix: Water
Analysis Batch: 277016

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	242.1		mg/L		97	85 - 115	0	20

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

Lab Sample ID: MB 870-33613/1
Matrix: Water
Analysis Batch: 33613

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	<2.50	U	2.50	2.50	mg/L			11/17/25 17:27	1

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

Lab Sample ID: LCS 870-33613/2
Matrix: Water
Analysis Batch: 33613

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			1000	839.0		mg/L		84	80 - 120		

Lab Sample ID: LCSD 870-33613/3
Matrix: Water
Analysis Batch: 33613

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	822.0		mg/L		82	80 - 120	2	10

Lab Sample ID: 870-41591-1 DU
Matrix: Water
Analysis Batch: 33613

Client Sample ID: AP MW-1D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1110			1014		mg/L				9	10

Lab Sample ID: MB 870-33697/1
Matrix: Water
Analysis Batch: 33697

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	<2.50	U	2.50	2.50	mg/L			11/19/25 18:06	1

Lab Sample ID: LCS 870-33697/2
Matrix: Water
Analysis Batch: 33697

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			1000	975.0		mg/L		98	80 - 120		

Lab Sample ID: LCSD 870-33697/3
Matrix: Water
Analysis Batch: 33697

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	950.0		mg/L		95	80 - 120	3	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-41591-10 DU
Matrix: Water
Analysis Batch: 33623

Client Sample ID: SFL MW-7
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	6.3	HF		6.4		SU				1	20
Temperature	18.0	HF		18.2		Celsius				1	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-745769/1-A
Matrix: Water
Analysis Batch: 748532

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745769

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	19.92	U G	16.3	16.4	50.0	64.6	pCi/L	11/18/25 10:10	12/09/25 03:45	1
Radium-228	-8.187	U G	28.2	28.2	50.0	50.7	pCi/L	11/18/25 10:10	12/09/25 03:45	1
Combined Radium 226 + 228	11.73	U	32.6	32.6		64.6	pCi/L	11/18/25 10:10	12/09/25 03:45	1

Lab Sample ID: LCS 160-745769/2-A
Matrix: Water
Analysis Batch: 748533

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745769

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	147400		15100		530	pCi/L	104	75 - 125
Cesium-137	37500	35910		3520		220	pCi/L	96	75 - 125
Cobalt-60	50000	48890		4770		155	pCi/L	98	75 - 125

Lab Sample ID: 870-41591-1 DU
Matrix: Water
Analysis Batch: 748536

Client Sample ID: AP MW-1D
Prep Type: Total/NA
Prep Batch: 745769

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	23.6	U	38.44		21.8	50.0	28.2	pCi/L	0.39	1
Radium-228	12.9	U	7.166	U	27.5	50.0	46.1	pCi/L	0.11	1
Combined Radium 226 + 228	36.5	U	45.60	U	35.1		46.1	pCi/L	0.14	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-745745/1-A
Matrix: Water
Analysis Batch: 748957

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745745

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01499	U	0.155	0.155	1.00	0.313	pCi/L	11/18/25 07:54	12/11/25 18:12	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.7*		*30 - 110*	*11/18/25 07:54*	*12/11/25 18:12*	*1*

Lab Sample ID: LCS 160-745745/2-A
Matrix: Water
Analysis Batch: 748957

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745745

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.155		1.24	1.00	0.424	pCi/L	96	75 - 125

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-745745/2-A
Matrix: Water
Analysis Batch: 748957

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745745

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.1		30 - 110

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-745746/1-A
Matrix: Water
Analysis Batch: 748953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 745746

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.9090		0.461	0.469	1.00	0.649	pCi/L	11/18/25 07:57	12/11/25 11:59	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.7		30 - 110	11/18/25 07:57	12/11/25 11:59	1
Y Carrier	81.5		30 - 110	11/18/25 07:57	12/11/25 11:59	1

Lab Sample ID: LCS 160-745746/2-A
Matrix: Water
Analysis Batch: 748953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 745746

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.86	9.129		1.33	1.00	0.728	pCi/L	116	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.1		30 - 110
Y Carrier	84.5		30 - 110

HPLC/IC

Analysis Batch: 277119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	9056A	
870-41591-2	AP MW-5	Total/NA	Water	9056A	
870-41591-2	AP MW-5	Total/NA	Water	9056A	
870-41591-3	AP MW-4	Total/NA	Water	9056A	
870-41591-3	AP MW-4	Total/NA	Water	9056A	
870-41591-4	AP MW-3	Total/NA	Water	9056A	
870-41591-4	AP MW-3	Total/NA	Water	9056A	
870-41591-5	SSP MW-2	Total/NA	Water	9056A	
870-41591-5	SSP MW-2	Total/NA	Water	9056A	
870-41591-6	SSP/AP MW-1	Total/NA	Water	9056A	
870-41591-6	SSP/AP MW-1	Total/NA	Water	9056A	
870-41591-7	FD2	Total/NA	Water	9056A	
870-41591-7	FD2	Total/NA	Water	9056A	
870-41591-8	SFL MW-5	Total/NA	Water	9056A	
870-41591-8	SFL MW-5	Total/NA	Water	9056A	
870-41591-9	MNW-18	Total/NA	Water	9056A	
870-41591-9	MNW-18	Total/NA	Water	9056A	
870-41591-10	SFL MW-7	Total/NA	Water	9056A	
870-41591-10	SFL MW-7	Total/NA	Water	9056A	
MB 860-277119/3	Method Blank	Total/NA	Water	9056A	
LCS 860-277119/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-277119/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-277119/7	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 277149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-11	SFL MW-3	Total/NA	Water	9056A	
870-41591-11	SFL MW-3	Total/NA	Water	9056A	
870-41591-12	FD1	Total/NA	Water	9056A	
870-41591-12	FD1	Total/NA	Water	9056A	
870-41591-13	MNW-15	Total/NA	Water	9056A	
870-41591-13	MNW-15	Total/NA	Water	9056A	
870-41591-14	SFL MW-4	Total/NA	Water	9056A	
870-41591-14	SFL MW-4	Total/NA	Water	9056A	
870-41591-15	SFL MW-2	Total/NA	Water	9056A	
870-41591-16	SSP MW-3	Total/NA	Water	9056A	
870-41591-16	SSP MW-3	Total/NA	Water	9056A	
870-41591-17	EB1	Total/NA	Water	9056A	
870-41591-18	SSP MW-4	Total/NA	Water	9056A	
870-41591-18	SSP MW-4	Total/NA	Water	9056A	
MB 860-277149/33	Method Blank	Total/NA	Water	9056A	
LCS 860-277149/34	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-277149/35	Lab Control Sample Dup	Total/NA	Water	9056A	
870-41591-16 MS	SSP MW-3	Total/NA	Water	9056A	
870-41591-16 MSD	SSP MW-3	Total/NA	Water	9056A	

Metals

Filtration Batch: 275492

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-275492/26-B	Method Blank	Total/NA	Water	Filtration	

Metals (Continued)

Filtration Batch: 275492 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-275492/27-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-275492/28-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 276744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	3010A	
870-41591-2	AP MW-5	Total/NA	Water	3010A	
870-41591-4	AP MW-3	Total/NA	Water	3010A	
870-41591-5	SSP MW-2	Total/NA	Water	3010A	
MB 860-276744/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-276744/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-276744/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Filtration Batch: 276786

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-276786/23-D	Method Blank	Total/NA	Water	Filtration	
LCS 860-276786/24-D	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-276786/25-D	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 276888

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-2	AP MW-5	Total/NA	Water	7470A	
870-41591-5	SSP MW-2	Total/NA	Water	7470A	
870-41591-9	MNW-18	Total/NA	Water	7470A	
870-41591-11	SFL MW-3	Total/NA	Water	7470A	
870-41591-13	MNW-15	Total/NA	Water	7470A	
MB 860-275492/26-B	Method Blank	Total/NA	Water	7470A	275492
LCS 860-275492/27-B	Lab Control Sample	Total/NA	Water	7470A	275492
LCSD 860-275492/28-B	Lab Control Sample Dup	Total/NA	Water	7470A	275492

Prep Batch: 276892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	7470A	
870-41591-3	AP MW-4	Total/NA	Water	7470A	
870-41591-4	AP MW-3	Total/NA	Water	7470A	
870-41591-6	SSP/AP MW-1	Total/NA	Water	7470A	
870-41591-7	FD2	Total/NA	Water	7470A	
870-41591-8	SFL MW-5	Total/NA	Water	7470A	
870-41591-10	SFL MW-7	Total/NA	Water	7470A	
870-41591-12	FD1	Total/NA	Water	7470A	
870-41591-14	SFL MW-4	Total/NA	Water	7470A	
870-41591-15	SFL MW-2	Total/NA	Water	7470A	
870-41591-16	SSP MW-3	Total/NA	Water	7470A	
870-41591-17	EB1	Total/NA	Water	7470A	
870-41591-18	SSP MW-4	Total/NA	Water	7470A	
MB 860-276892/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-276892/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-276892/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Metals

Prep Batch: 276928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-3	AP MW-4	Total/NA	Water	3010A	
870-41591-6	SSP/AP MW-1	Total/NA	Water	3010A	
870-41591-7	FD2	Total/NA	Water	3010A	
870-41591-8	SFL MW-5	Total/NA	Water	3010A	
870-41591-10	SFL MW-7	Total/NA	Water	3010A	
870-41591-12	FD1	Total/NA	Water	3010A	
870-41591-14	SFL MW-4	Total/NA	Water	3010A	
870-41591-15	SFL MW-2	Total/NA	Water	3010A	
870-41591-16	SSP MW-3	Total/NA	Water	3010A	
870-41591-17	EB1	Total/NA	Water	3010A	
MB 860-276928/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-276928/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-276928/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 276930

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-18	SSP MW-4	Total/NA	Water	3010A	
MB 860-276930/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-276930/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-276930/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 277067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	7470A	276892
870-41591-3	AP MW-4	Total/NA	Water	7470A	276892
870-41591-4	AP MW-3	Total/NA	Water	7470A	276892
870-41591-6	SSP/AP MW-1	Total/NA	Water	7470A	276892
870-41591-7	FD2	Total/NA	Water	7470A	276892
870-41591-8	SFL MW-5	Total/NA	Water	7470A	276892
870-41591-10	SFL MW-7	Total/NA	Water	7470A	276892
870-41591-12	FD1	Total/NA	Water	7470A	276892
870-41591-14	SFL MW-4	Total/NA	Water	7470A	276892
870-41591-15	SFL MW-2	Total/NA	Water	7470A	276892
870-41591-16	SSP MW-3	Total/NA	Water	7470A	276892
870-41591-17	EB1	Total/NA	Water	7470A	276892
870-41591-18	SSP MW-4	Total/NA	Water	7470A	276892
MB 860-276892/10-A	Method Blank	Total/NA	Water	7470A	276892
LCS 860-276892/11-A	Lab Control Sample	Total/NA	Water	7470A	276892
LCSD 860-276892/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	276892

Prep Batch: 277156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-9	MNW-18	Total/NA	Water	3010A	
870-41591-11	SFL MW-3	Total/NA	Water	3010A	
870-41591-13	MNW-15	Total/NA	Water	3010A	
MB 860-276786/23-D	Method Blank	Total/NA	Water	3010A	276786
LCS 860-276786/24-D	Lab Control Sample	Total/NA	Water	3010A	276786
LCSD 860-276786/25-D	Lab Control Sample Dup	Total/NA	Water	3010A	276786

Metals

Analysis Batch: 277341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-9	MNW-18	Total/NA	Water	6020B	277156
870-41591-11	SFL MW-3	Total/NA	Water	6020B	277156
870-41591-13	MNW-15	Total/NA	Water	6020B	277156
870-41591-13	MNW-15	Total/NA	Water	6020B	277156
870-41591-18	SSP MW-4	Total/NA	Water	6020B	276930
870-41591-18	SSP MW-4	Total/NA	Water	6020B	276930
MB 860-276786/23-D	Method Blank	Total/NA	Water	6020B	277156
MB 860-276930/1-A	Method Blank	Total/NA	Water	6020B	276930
LCS 860-276786/24-D	Lab Control Sample	Total/NA	Water	6020B	277156
LCS 860-276930/2-A	Lab Control Sample	Total/NA	Water	6020B	276930
LCSD 860-276786/25-D	Lab Control Sample Dup	Total/NA	Water	6020B	277156
LCSD 860-276930/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	276930

Analysis Batch: 277344

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	6020B	276744
870-41591-2	AP MW-5	Total/NA	Water	6020B	276744
870-41591-2	AP MW-5	Total/NA	Water	6020B	276744
870-41591-4	AP MW-3	Total/NA	Water	6020B	276744
870-41591-5	SSP MW-2	Total/NA	Water	6020B	276744
MB 860-276744/1-A	Method Blank	Total/NA	Water	6020B	276744
LCS 860-276744/2-A	Lab Control Sample	Total/NA	Water	6020B	276744
LCSD 860-276744/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	276744

Analysis Batch: 277419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-2	AP MW-5	Total/NA	Water	7470A	276888
870-41591-5	SSP MW-2	Total/NA	Water	7470A	276888
870-41591-9	MNW-18	Total/NA	Water	7470A	276888
870-41591-11	SFL MW-3	Total/NA	Water	7470A	276888
870-41591-13	MNW-15	Total/NA	Water	7470A	276888
MB 860-275492/26-B	Method Blank	Total/NA	Water	7470A	276888
LCS 860-275492/27-B	Lab Control Sample	Total/NA	Water	7470A	276888
LCSD 860-275492/28-B	Lab Control Sample Dup	Total/NA	Water	7470A	276888

Prep Batch: 277457

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-3	AP MW-4	Total/NA	Water	3010A	
870-41591-6	SSP/AP MW-1	Total/NA	Water	3010A	
870-41591-8	SFL MW-5	Total/NA	Water	3010A	
870-41591-10	SFL MW-7	Total/NA	Water	3010A	
870-41591-12	FD1	Total/NA	Water	3010A	
870-41591-14	SFL MW-4	Total/NA	Water	3010A	
870-41591-15	SFL MW-2	Total/NA	Water	3010A	
870-41591-16	SSP MW-3	Total/NA	Water	3010A	
870-41591-17	EB1	Total/NA	Water	3010A	
870-41591-18	SSP MW-4	Total/NA	Water	3010A	
MB 860-277457/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277457/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277457/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Metals

Analysis Batch: 277511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-3	AP MW-4	Total/NA	Water	6020B	276928
870-41591-6	SSP/AP MW-1	Total/NA	Water	6020B	276928
870-41591-7	FD2	Total/NA	Water	6020B	276928
870-41591-8	SFL MW-5	Total/NA	Water	6020B	276928
870-41591-10	SFL MW-7	Total/NA	Water	6020B	276928
870-41591-12	FD1	Total/NA	Water	6020B	276928
870-41591-14	SFL MW-4	Total/NA	Water	6020B	276928
870-41591-15	SFL MW-2	Total/NA	Water	6020B	276928
870-41591-16	SSP MW-3	Total/NA	Water	6020B	276928
870-41591-17	EB1	Total/NA	Water	6020B	276928
MB 860-276928/1-A	Method Blank	Total/NA	Water	6020B	276928
LCS 860-276928/2-A	Lab Control Sample	Total/NA	Water	6020B	276928
LCSD 860-276928/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	276928

Analysis Batch: 277663

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-12	FD1	Total/NA	Water	6020B	276928

Prep Batch: 277720

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-7	FD2	Total/NA	Water	3010A	
MB 860-277720/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277720/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277720/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-41591-7 MS	FD2	Total/NA	Water	3010A	
870-41591-7 MSD	FD2	Total/NA	Water	3010A	

Prep Batch: 277722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	3010A	
870-41591-2	AP MW-5	Total/NA	Water	3010A	
870-41591-4	AP MW-3	Total/NA	Water	3010A	
870-41591-5	SSP MW-2	Total/NA	Water	3010A	
870-41591-9	MNW-18	Total/NA	Water	3010A	
870-41591-11	SFL MW-3	Total/NA	Water	3010A	
870-41591-13	MNW-15	Total/NA	Water	3010A	
MB 860-277722/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277722/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277722/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 277842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-3	AP MW-4	Total/NA	Water	6010D	277457
870-41591-3	AP MW-4	Total/NA	Water	6010D	277457
870-41591-6	SSP/AP MW-1	Total/NA	Water	6010D	277457
870-41591-6	SSP/AP MW-1	Total/NA	Water	6010D	277457
870-41591-8	SFL MW-5	Total/NA	Water	6010D	277457
870-41591-8	SFL MW-5	Total/NA	Water	6010D	277457
870-41591-10	SFL MW-7	Total/NA	Water	6010D	277457
870-41591-10	SFL MW-7	Total/NA	Water	6010D	277457
870-41591-12	FD1	Total/NA	Water	6010D	277457

Metals (Continued)

Analysis Batch: 277842 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-12	FD1	Total/NA	Water	6010D	277457
870-41591-14	SFL MW-4	Total/NA	Water	6010D	277457
870-41591-14	SFL MW-4	Total/NA	Water	6010D	277457
870-41591-15	SFL MW-2	Total/NA	Water	6010D	277457
870-41591-15	SFL MW-2	Total/NA	Water	6010D	277457
870-41591-16	SSP MW-3	Total/NA	Water	6010D	277457
870-41591-16	SSP MW-3	Total/NA	Water	6010D	277457
870-41591-17	EB1	Total/NA	Water	6010D	277457
870-41591-18	SSP MW-4	Total/NA	Water	6010D	277457
870-41591-18	SSP MW-4	Total/NA	Water	6010D	277457
MB 860-277457/1-A	Method Blank	Total/NA	Water	6010D	277457
LCS 860-277457/2-A	Lab Control Sample	Total/NA	Water	6010D	277457
LCSD 860-277457/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	277457

Analysis Batch: 277909

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-12	FD1	Total/NA	Water	6020B	276928

Analysis Batch: 277983

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	6010D	277722
870-41591-2	AP MW-5	Total/NA	Water	6010D	277722
870-41591-2	AP MW-5	Total/NA	Water	6010D	277722
870-41591-4	AP MW-3	Total/NA	Water	6010D	277722
870-41591-5	SSP MW-2	Total/NA	Water	6010D	277722
870-41591-5	SSP MW-2	Total/NA	Water	6010D	277722
870-41591-7	FD2	Total/NA	Water	6010D	277720
870-41591-9	MNW-18	Total/NA	Water	6010D	277722
870-41591-9	MNW-18	Total/NA	Water	6010D	277722
870-41591-11	SFL MW-3	Total/NA	Water	6010D	277722
870-41591-11	SFL MW-3	Total/NA	Water	6010D	277722
870-41591-13	MNW-15	Total/NA	Water	6010D	277722
870-41591-13	MNW-15	Total/NA	Water	6010D	277722
MB 860-277720/1-A	Method Blank	Total/NA	Water	6010D	277720
MB 860-277722/1-A	Method Blank	Total/NA	Water	6010D	277722
LCS 860-277720/2-A	Lab Control Sample	Total/NA	Water	6010D	277720
LCS 860-277722/2-A	Lab Control Sample	Total/NA	Water	6010D	277722
LCSD 860-277720/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	277720
LCSD 860-277722/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	277722
870-41591-7 MS	FD2	Total/NA	Water	6010D	277720
870-41591-7 MSD	FD2	Total/NA	Water	6010D	277720

General Chemistry

Analysis Batch: 33613

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	SM 2540C	
870-41591-2	AP MW-5	Total/NA	Water	SM 2540C	
870-41591-3	AP MW-4	Total/NA	Water	SM 2540C	
870-41591-4	AP MW-3	Total/NA	Water	SM 2540C	
870-41591-5	SSP MW-2	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 33613 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-6	SSP/AP MW-1	Total/NA	Water	SM 2540C	
870-41591-7	FD2	Total/NA	Water	SM 2540C	
870-41591-8	SFL MW-5	Total/NA	Water	SM 2540C	
870-41591-9	MNW-18	Total/NA	Water	SM 2540C	
870-41591-10	SFL MW-7	Total/NA	Water	SM 2540C	
MB 870-33613/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33613/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33613/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-41591-1 DU	AP MW-1D	Total/NA	Water	SM 2540C	

Analysis Batch: 33623

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	SM 4500 H+ B	
870-41591-2	AP MW-5	Total/NA	Water	SM 4500 H+ B	
870-41591-3	AP MW-4	Total/NA	Water	SM 4500 H+ B	
870-41591-4	AP MW-3	Total/NA	Water	SM 4500 H+ B	
870-41591-5	SSP MW-2	Total/NA	Water	SM 4500 H+ B	
870-41591-6	SSP/AP MW-1	Total/NA	Water	SM 4500 H+ B	
870-41591-7	FD2	Total/NA	Water	SM 4500 H+ B	
870-41591-8	SFL MW-5	Total/NA	Water	SM 4500 H+ B	
870-41591-9	MNW-18	Total/NA	Water	SM 4500 H+ B	
870-41591-10	SFL MW-7	Total/NA	Water	SM 4500 H+ B	
870-41591-11	SFL MW-3	Total/NA	Water	SM 4500 H+ B	
870-41591-12	FD1	Total/NA	Water	SM 4500 H+ B	
870-41591-13	MNW-15	Total/NA	Water	SM 4500 H+ B	
870-41591-14	SFL MW-4	Total/NA	Water	SM 4500 H+ B	
870-41591-15	SFL MW-2	Total/NA	Water	SM 4500 H+ B	
870-41591-16	SSP MW-3	Total/NA	Water	SM 4500 H+ B	
870-41591-17	EB1	Total/NA	Water	SM 4500 H+ B	
870-41591-18	SSP MW-4	Total/NA	Water	SM 4500 H+ B	
870-41591-10 DU	SFL MW-7	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 33697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-11	SFL MW-3	Total/NA	Water	SM 2540C	
870-41591-12	FD1	Total/NA	Water	SM 2540C	
870-41591-13	MNW-15	Total/NA	Water	SM 2540C	
870-41591-14	SFL MW-4	Total/NA	Water	SM 2540C	
870-41591-15	SFL MW-2	Total/NA	Water	SM 2540C	
870-41591-16	SSP MW-3	Total/NA	Water	SM 2540C	
870-41591-17	EB1	Total/NA	Water	SM 2540C	
870-41591-18	SSP MW-4	Total/NA	Water	SM 2540C	
MB 870-33697/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33697/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33697/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 276432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	SM 2320B	
870-41591-2	AP MW-5	Total/NA	Water	SM 2320B	
870-41591-3	AP MW-4	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 276432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-4	AP MW-3	Total/NA	Water	SM 2320B	
870-41591-5	SSP MW-2	Total/NA	Water	SM 2320B	
MB 860-276432/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-276432/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-276432/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 277016

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-6	SSP/AP MW-1	Total/NA	Water	SM 2320B	
870-41591-7	FD2	Total/NA	Water	SM 2320B	
870-41591-8	SFL MW-5	Total/NA	Water	SM 2320B	
870-41591-9	MNW-18	Total/NA	Water	SM 2320B	
870-41591-10	SFL MW-7	Total/NA	Water	SM 2320B	
870-41591-11	SFL MW-3	Total/NA	Water	SM 2320B	
870-41591-12	FD1	Total/NA	Water	SM 2320B	
870-41591-13	MNW-15	Total/NA	Water	SM 2320B	
870-41591-14	SFL MW-4	Total/NA	Water	SM 2320B	
870-41591-15	SFL MW-2	Total/NA	Water	SM 2320B	
870-41591-16	SSP MW-3	Total/NA	Water	SM 2320B	
870-41591-17	EB1	Total/NA	Water	SM 2320B	
870-41591-18	SSP MW-4	Total/NA	Water	SM 2320B	
MB 860-277016/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-277016/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-277016/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-277016/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-277016/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-277016/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 745745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	PrecSep-21	
870-41591-2	AP MW-5	Total/NA	Water	PrecSep-21	
870-41591-3	AP MW-4	Total/NA	Water	PrecSep-21	
870-41591-4	AP MW-3	Total/NA	Water	PrecSep-21	
870-41591-5	SSP MW-2	Total/NA	Water	PrecSep-21	
870-41591-6	SSP/AP MW-1	Total/NA	Water	PrecSep-21	
870-41591-7	FD2	Total/NA	Water	PrecSep-21	
870-41591-8	SFL MW-5	Total/NA	Water	PrecSep-21	
870-41591-9	MNW-18	Total/NA	Water	PrecSep-21	
870-41591-10	SFL MW-7	Total/NA	Water	PrecSep-21	
870-41591-11	SFL MW-3	Total/NA	Water	PrecSep-21	
870-41591-12	FD1	Total/NA	Water	PrecSep-21	
870-41591-13	MNW-15	Total/NA	Water	PrecSep-21	
870-41591-14	SFL MW-4	Total/NA	Water	PrecSep-21	
870-41591-15	SFL MW-2	Total/NA	Water	PrecSep-21	
870-41591-16	SSP MW-3	Total/NA	Water	PrecSep-21	
870-41591-17	EB1	Total/NA	Water	PrecSep-21	
870-41591-18	SSP MW-4	Total/NA	Water	PrecSep-21	
MB 160-745745/1-A	Method Blank	Total/NA	Water	PrecSep-21	

Rad (Continued)

Prep Batch: 745745 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-745745/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 745746

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	PrecSep_0	
870-41591-2	AP MW-5	Total/NA	Water	PrecSep_0	
870-41591-3	AP MW-4	Total/NA	Water	PrecSep_0	
870-41591-4	AP MW-3	Total/NA	Water	PrecSep_0	
870-41591-5	SSP MW-2	Total/NA	Water	PrecSep_0	
870-41591-6	SSP/AP MW-1	Total/NA	Water	PrecSep_0	
870-41591-7	FD2	Total/NA	Water	PrecSep_0	
870-41591-8	SFL MW-5	Total/NA	Water	PrecSep_0	
870-41591-9	MNW-18	Total/NA	Water	PrecSep_0	
870-41591-10	SFL MW-7	Total/NA	Water	PrecSep_0	
870-41591-11	SFL MW-3	Total/NA	Water	PrecSep_0	
870-41591-12	FD1	Total/NA	Water	PrecSep_0	
870-41591-13	MNW-15	Total/NA	Water	PrecSep_0	
870-41591-14	SFL MW-4	Total/NA	Water	PrecSep_0	
870-41591-15	SFL MW-2	Total/NA	Water	PrecSep_0	
870-41591-16	SSP MW-3	Total/NA	Water	PrecSep_0	
870-41591-17	EB1	Total/NA	Water	PrecSep_0	
870-41591-18	SSP MW-4	Total/NA	Water	PrecSep_0	
MB 160-745746/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-745746/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 745769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41591-1	AP MW-1D	Total/NA	Water	Fill_Geo-21	
870-41591-2	AP MW-5	Total/NA	Water	Fill_Geo-21	
870-41591-3	AP MW-4	Total/NA	Water	Fill_Geo-21	
870-41591-4	AP MW-3	Total/NA	Water	Fill_Geo-21	
870-41591-5	SSP MW-2	Total/NA	Water	Fill_Geo-21	
870-41591-6	SSP/AP MW-1	Total/NA	Water	Fill_Geo-21	
870-41591-7	FD2	Total/NA	Water	Fill_Geo-21	
870-41591-8	SFL MW-5	Total/NA	Water	Fill_Geo-21	
870-41591-9	MNW-18	Total/NA	Water	Fill_Geo-21	
870-41591-10	SFL MW-7	Total/NA	Water	Fill_Geo-21	
870-41591-11	SFL MW-3	Total/NA	Water	Fill_Geo-21	
870-41591-12	FD1	Total/NA	Water	Fill_Geo-21	
870-41591-13	MNW-15	Total/NA	Water	Fill_Geo-21	
870-41591-14	SFL MW-4	Total/NA	Water	Fill_Geo-21	
870-41591-15	SFL MW-2	Total/NA	Water	Fill_Geo-21	
870-41591-16	SSP MW-3	Total/NA	Water	Fill_Geo-21	
870-41591-17	EB1	Total/NA	Water	Fill_Geo-21	
870-41591-18	SSP MW-4	Total/NA	Water	Fill_Geo-21	
MB 160-745769/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-745769/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-41591-1 DU	AP MW-1D	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Client Sample ID: AP MW-1D

Date Collected: 11/11/25 15:05
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 13:24	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 13:24	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276744	11/18/25 18:17	MD	EET HOU
Total/NA	Analysis	6020B		1			277344	11/19/25 23:56	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:27	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			276432	11/17/25 12:49	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748539	12/09/25 03:43	MLS	EET SL
Total/NA	Prep	PrecSep-21			1001.03 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748957	12/11/25 18:12	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.03 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:04	SWS	EET SL

Client Sample ID: AP MW-5

Date Collected: 11/11/25 16:25
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 13:42	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 13:51	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 13:25	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		50			277983	11/24/25 13:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276744	11/18/25 18:17	MD	EET HOU
Total/NA	Analysis	6020B		1			277344	11/19/25 23:59	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276744	11/18/25 18:17	MD	EET HOU
Total/NA	Analysis	6020B		10			277344	11/20/25 00:02	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	276888	11/20/25 07:50	AGR	EET HOU
Total/NA	Analysis	7470A		1			277419	11/20/25 19:03	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			276432	11/17/25 13:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748536	12/09/25 03:45	MLS	EET SL
Total/NA	Prep	PrecSep-21			1006.65 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748957	12/11/25 18:13	SWS	EET SL
Total/NA	Prep	PrecSep_0			1006.65 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:04	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Client Sample ID: AP MW-4

Date Collected: 11/11/25 16:55
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 14:00	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 14:10	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:06	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:26	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:31	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			276432	11/17/25 13:12	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748576	12/09/25 03:45	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.35 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748957	12/11/25 18:13	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.35 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:05	SWS	EET SL

Client Sample ID: AP MW-3

Date Collected: 11/12/25 11:10
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 14:19	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 14:28	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 13:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276744	11/18/25 18:17	MD	EET HOU
Total/NA	Analysis	6020B		1			277344	11/20/25 00:12	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:34	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			276432	11/17/25 12:33	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748538	12/09/25 03:46	MLS	EET SL
Total/NA	Prep	PrecSep-21			1000.80 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:22	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.80 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:06	SWS	EET SL

Client Sample ID: SSP MW-2

Lab Sample ID: 870-41591-5

Date Collected: 11/12/25 11:05

Matrix: Water

Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 14:37	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 14:46	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 13:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		50			277983	11/24/25 13:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276744	11/18/25 18:17	MD	EET HOU
Total/NA	Analysis	6020B		1			277344	11/20/25 00:15	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	276888	11/20/25 07:50	AGR	EET HOU
Total/NA	Analysis	7470A		1			277419	11/20/25 19:04	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			276432	11/17/25 12:27	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748532	12/09/25 06:53	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.69 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:22	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.69 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:06	SWS	EET SL

Client Sample ID: SSP/AP MW-1

Lab Sample ID: 870-41591-6

Date Collected: 11/12/25 11:10

Matrix: Water

Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 15:13	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 15:22	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:07	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:35	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:38	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 12:12	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748533	12/09/25 06:54	MLS	EET SL
Total/NA	Prep	PrecSep-21			1003.12 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:22	SWS	EET SL

Client Sample ID: SSP/AP MW-1

Lab Sample ID: 870-41591-6

Date Collected: 11/12/25 11:10
Matrix: Water
Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1003.12 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:06	SWS	EET SL

Client Sample ID: FD2

Lab Sample ID: 870-41591-7

Date Collected: 11/12/25 11:25
Matrix: Water
Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 15:31	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 15:40	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277720	11/22/25 10:32	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 14:05	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:38	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:41	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 12:46	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748539	12/09/25 06:58	MLS	EET SL
Total/NA	Prep	PrecSep-21			1003.89 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:22	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.89 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:06	SWS	EET SL

Client Sample ID: SFL MW-5

Lab Sample ID: 870-41591-8

Date Collected: 11/12/25 13:10
Matrix: Water
Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 15:49	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 15:58	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:41	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:44	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 12:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL

Lab Chronicle

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Client Sample ID: SFL MW-5

Lab Sample ID: 870-41591-8

Date Collected: 11/12/25 13:10
Matrix: Water
Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748538	12/09/25 07:02	MLS	EET SL
Total/NA	Prep	PrecSep-21			1001.62 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:22	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.62 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:07	SWS	EET SL

Client Sample ID: MNW-18

Lab Sample ID: 870-41591-9

Date Collected: 11/12/25 14:45
Matrix: Water
Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 16:07	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 16:16	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 13:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		50			277983	11/24/25 13:47	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277156	11/20/25 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			277341	11/20/25 18:34	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	276888	11/20/25 07:50	AGR	EET HOU
Total/NA	Analysis	7470A		1			277419	11/20/25 19:06	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 11:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748576	12/09/25 07:03	ASA	EET SL
Total/NA	Prep	PrecSep-21			1008.59 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			1008.59 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:07	SWS	EET SL

Client Sample ID: SFL MW-7

Lab Sample ID: 870-41591-10

Date Collected: 11/12/25 15:00
Matrix: Water
Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277119	11/20/25 16:26	RJD	EET HOU
Total/NA	Analysis	9056A		10			277119	11/20/25 16:35	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:20	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:29	JDM	EET HOU

Client Sample ID: SFL MW-7

Lab Sample ID: 870-41591-10

Date Collected: 11/12/25 15:00

Matrix: Water

Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:44	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:48	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 11:38	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33613	11/17/25 17:27	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748532	12/09/25 11:15	ASA	EET SL
Total/NA	Prep	PrecSep-21			756.97 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			756.97 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:07	SWS	EET SL

Client Sample ID: SFL MW-3

Lab Sample ID: 870-41591-11

Date Collected: 11/12/25 15:20

Matrix: Water

Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277149	11/20/25 17:59	RJD	EET HOU
Total/NA	Analysis	9056A		10			277149	11/20/25 18:07	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 13:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		50			277983	11/24/25 13:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277156	11/20/25 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			277341	11/20/25 18:37	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	276888	11/20/25 07:50	AGR	EET HOU
Total/NA	Analysis	7470A		1			277419	11/20/25 19:07	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 13:03	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748533	12/09/25 11:17	MLS	EET SL
Total/NA	Prep	PrecSep-21			1005.13 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			1005.13 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:08	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Client Sample ID: FD1

Date Collected: 11/12/25 15:45
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-12

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277149	11/20/25 18:14	RJD	EET HOU
Total/NA	Analysis	9056A		10			277149	11/20/25 18:21	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:30	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:47	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		5			277663	11/21/25 12:48	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		5			277909	11/21/25 22:59	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:51	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 11:24	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748576	12/09/25 11:18	ASA	EET SL
Total/NA	Prep	PrecSep-21			1000.39 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.39 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:08	SWS	EET SL

Client Sample ID: MNW-15

Date Collected: 11/12/25 16:35
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277149	11/20/25 18:43	RJD	EET HOU
Total/NA	Analysis	9056A		10			277149	11/20/25 18:51	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		1			277983	11/24/25 13:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277722	11/22/25 10:36	AGR	EET HOU
Total/NA	Analysis	6010D		50			277983	11/24/25 13:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277156	11/20/25 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			277341	11/20/25 18:40	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277156	11/20/25 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			277341	11/20/25 18:44	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	276888	11/20/25 07:50	AGR	EET HOU
Total/NA	Analysis	7470A		1			277419	11/20/25 19:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 13:51	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL

Lab Chronicle

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Client Sample ID: MNW-15
Date Collected: 11/12/25 16:35
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-13
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748539	12/09/25 11:16	MLS	EET SL
Total/NA	Prep	PrecSep-21			1000.62 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.62 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:08	SWS	EET SL

Client Sample ID: SFL MW-4
Date Collected: 11/12/25 17:10
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-14
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277149	11/20/25 18:58	RJD	EET HOU
Total/NA	Analysis	9056A		10			277149	11/20/25 19:06	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:24	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:32	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:50	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:55	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 12:52	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748536	12/09/25 11:17	MLS	EET SL
Total/NA	Prep	PrecSep-21			751.90 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.90 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748957	12/11/25 12:08	SWS	EET SL

Client Sample ID: SFL MW-2
Date Collected: 11/13/25 09:45
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			277149	11/20/25 19:20	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:25	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:34	JDM	EET HOU

Client Sample ID: SFL MW-2

Lab Sample ID: 870-41591-15

Date Collected: 11/13/25 09:45

Matrix: Water

Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:53	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 20:58	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 12:06	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748532	12/09/25 13:41	ASA	EET SL
Total/NA	Prep	PrecSep-21			752.16 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			748960	12/11/25 18:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			752.16 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748960	12/11/25 12:16	SWS	EET SL

Client Sample ID: SSP MW-3

Lab Sample ID: 870-41591-16

Date Collected: 11/13/25 12:05

Matrix: Water

Date Received: 11/14/25 10:26

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277149	11/20/25 19:28	RJD	EET HOU
Total/NA	Analysis	9056A		10			277149	11/20/25 19:35	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:40	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/20/25 23:56	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 21:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 12:58	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748533	12/09/25 13:42	MLS	EET SL
Total/NA	Prep	PrecSep-21			755.93 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			749173	12/12/25 07:41	SWS	EET SL
Total/NA	Prep	PrecSep_0			755.93 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748960	12/11/25 12:16	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Client Sample ID: EB1

Date Collected: 11/13/25 13:25
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277149	11/20/25 20:12	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276928	11/19/25 13:23	MD	EET HOU
Total/NA	Analysis	6020B		1			277511	11/21/25 00:00	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 21:12	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 11:56	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748576	12/09/25 13:42	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.47 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			749173	12/12/25 07:41	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.47 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748960	12/11/25 12:17	SWS	EET SL

Client Sample ID: SSP MW-4

Date Collected: 11/13/25 15:20
Date Received: 11/14/25 10:26

Lab Sample ID: 870-41591-18

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277149	11/20/25 20:27	RJD	EET HOU
Total/NA	Analysis	9056A		10			277149	11/20/25 20:34	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			277842	11/21/25 16:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277457	11/21/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			277842	11/21/25 16:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276930	11/19/25 13:25	MD	EET HOU
Total/NA	Analysis	6020B		1			277341	11/20/25 19:43	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	276930	11/19/25 13:25	MD	EET HOU
Total/NA	Analysis	6020B		5			277341	11/20/25 19:46	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	276892	11/19/25 11:56	AGR	EET HOU
Total/NA	Analysis	7470A		1			277067	11/19/25 21:15	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277016	11/19/25 12:23	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33697	11/19/25 18:06	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33623	11/17/25 18:19	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	745769	11/18/25 10:10	DC	EET SL
Total/NA	Analysis	901.1		1			748539	12/09/25 13:41	MLS	EET SL
Total/NA	Prep	PrecSep-21			1009.10 mL	1.0 g	745745	11/18/25 07:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			749173	12/12/25 07:41	SWS	EET SL
Total/NA	Prep	PrecSep_0			1009.10 mL	1.0 g	745746	11/18/25 07:57	VLQ	EET SL
Total/NA	Analysis	904.0		1			748960	12/11/25 12:17	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Project/Site: Semi-Annual CCR

Job ID: 870-41591-1
SDG: 1029148

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-41591-1	AP MW-1D	Water	11/11/25 15:05	11/14/25 10:26	Texas
870-41591-2	AP MW-5	Water	11/11/25 16:25	11/14/25 10:26	Texas
870-41591-3	AP MW-4	Water	11/11/25 16:55	11/14/25 10:26	Texas
870-41591-4	AP MW-3	Water	11/12/25 11:10	11/14/25 10:26	Texas
870-41591-5	SSP MW-2	Water	11/12/25 11:05	11/14/25 10:26	Texas
870-41591-6	SSP/AP MW-1	Water	11/12/25 11:10	11/14/25 10:26	Texas
870-41591-7	FD2	Water	11/12/25 11:25	11/14/25 10:26	Texas
870-41591-8	SFL MW-5	Water	11/12/25 13:10	11/14/25 10:26	Texas
870-41591-9	MNW-18	Water	11/12/25 14:45	11/14/25 10:26	Texas
870-41591-10	SFL MW-7	Water	11/12/25 15:00	11/14/25 10:26	Texas
870-41591-11	SFL MW-3	Water	11/12/25 15:20	11/14/25 10:26	Texas
870-41591-12	FD1	Water	11/12/25 15:45	11/14/25 10:26	Texas
870-41591-13	MNW-15	Water	11/12/25 16:35	11/14/25 10:26	Texas
870-41591-14	SFL MW-4	Water	11/12/25 17:10	11/14/25 10:26	Texas
870-41591-15	SFL MW-2	Water	11/13/25 09:45	11/14/25 10:26	Texas
870-41591-16	SSP MW-3	Water	11/13/25 12:05	11/14/25 10:26	Texas
870-41591-17	EB1	Water	11/13/25 13:25	11/14/25 10:26	Texas
870-41591-18	SSP MW-4	Water	11/13/25 15:20	11/14/25 10:26	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

12/23/2025

Client Information	Sampler: Emma Foley	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 14999-5042.1 (870-45038-5665.1 EF)
Client Contact: Emma Foley	Phone: 720 242 2831	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: TX	Page: 1 OF 2
Company: HDR Inc	PWSID:			Job #: 1029148

Address: 17111 Preston Road Suite 200	Due Date Requested:	
City: Dallas	TAT Requested (days):	
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No	
Phone:	PO #: Purchase Order not required	
Email: Emma.Foley@hdrinc.com	WO #:	
Project Name: ASD Round 5 Background Sampling	Project #: 87002063	
Site:	SSOW#:	

Analysis Requested

Preservation Codes: D - HNO3; N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-228/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	6010D, 6020B, 7470A Total	6010D, 7470A, 6020B Dissolved	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS						Total Number of containers	Special Instructions/Note:
Preservation Code:							D	D	N	N	N	D	D	N	N							
AP MW-1D	11-11-25	1505	G	Water	N	N	X	X	X	X	X	X		X	X							6	
AP MW-5	11-11-25	1625	G	Water	N	N	X	X	X	X	X	X		X	X							6	
AP MW-4	11-11-25	1655	G	Water	N	N	X	X	X	X	X	X		X	X							6	
AP MW-3	11-12-25	1110	G	Water	N	N	X	X	X	X	X	X		X	X							6	
SSP MW-2	11-12-25	1105	G	Water	N	N	X	X	X	X	X	X		X	X							6	
SSP/AP MW-1	11-12-25	1110	G	Water	N	N	X	X	X	X	X	X		X	X							6	
FD 2	11-12-25	1125	G	Water	N	N	X	X	X	X	X	X		X	X								
SFL MW-5	11-12-25	1310	G	Water	N	N	X	X	X	X	X	X		X	X								
MNW-18	11-12-25	1745	G	Water	N	N	X	X	X	X	X	X		X	X								
SFL MW-7	11-12-25	1500	G	Water	N	N	X	X	X	X	X	X		X	X								
SFL MW-3	11-12-25	1520	G	Water	N	N	X	X	X	X	X	X		X	X								

870-41591 Chain of Custody

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

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

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

Special Instructions/QC Requirements:
TV ~~8265~~ 8258 6161 1259, 1260, 1270, 1281, 1292

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

Relinquished by: Emma Foley EF	Date/Time: 11-13-25 1520	Company HDR	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 11/14/25 10:26	Company	Received by:	Date/Time: 11/14/25 10:26	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: THM027 CF -0.6 0.8/0.2, 0.6/0.0, 1.0/0.4, 0.8/0.2, 0.8/0.2

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

12/23/2025

Client Information	Sampler: Emma Foley	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-14999-5042.1
Client Contact: Emma Foley	Phone: 7202422831	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: TX	Page: 2 OF 2
Company: HDR Inc	PWSID:			Job #: 10290148
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: Emma.Foley@hdrinc.com	WO #:			
Project Name: Semi-Annual CCR	Project #: 87002063			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	6010D, 6020B, 7470A Total	6010D, 7470A, 6020B Dissolved	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS					Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N						
FDi	11-12-25	1545	G	W	N	N	X	X	X	X	X	X		X	X					6	
MNW-15	11-12-25	1635	G	W	N	N	X	X	X	X	X	X		X	X					6	
SFL MW-4	11-12-25	1710	G	W	N	N	X	X	X	X	X	X		X	X					6	
SFL MW-2	11-13-25	0945	G	W	N	N	X	X	X	X	X	X		X	X					6	
SSP MW-3	11-13-25	1205	G	W	N	N	X	X	X	X	X	X		X	X					6	
EBi	11-13-25	1325	G	W	N	N	X	X	X	X	X	X		X	X					6	
SSP MW-4	11-13-25	1520	G	W	N	N	X	X	X	X	X	X		X	X					6	

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
	Relinquished by: Emma Foley EF	11-13-25 1520	HDR	Received by: FedEx		
TV	Relinquished by: FedEx	11/14/25 10:26		Received by:	11/14/25 10:26	
	Relinquished by:			Received by:		

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: THM027 CF -0.6 0.8/0.2, 0.6/0.0, 1.0/0.4, 0.8/0.2, 0.8/0.2

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9485.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-41591-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 11/21/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW-1D (870-41591-1)	11/11/25	15:05 Central	G	Water			X	X	X	2	
AP MW-5 (870-41591-2)	11/11/25	16:25 Central	G	Water			X	X	X	2	
AP MW-4 (870-41591-3)	11/11/25	16:55 Central	G	Water			X	X	X	2	
AP MW-3 (870-41591-4)	11/12/25	11:10 Central	G	Water			X	X	X	2	
SSP MW-2 (870-41591-5)	11/12/25	11:05 Central	G	Water			X	X	X	2	
SSP/AP MW-1 (870-41591-6)	11/12/25	11:10 Central	G	Water			X	X	X	2	
FD2 (870-41591-7)	11/12/25	11:25 Central	G	Water			X	X	X	2	
SFL MW-5 (870-41591-8)	11/12/25	13:10 Central	G	Water			X	X	X	2	
MNW-18 (870-41591-9)	11/12/25	14:45 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time: 111425-1700	Company	Received by: NOV 14 2025	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 0820 NOV 17 2025	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

12/23/2025

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9489.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-41591 1
Address: 4145 Greenbriar Dr	Due Date Requested: 11/20/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) LI + Minerals	2320B	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
AP MW-1D (870-41591 1)	11/11/25	15:05 Central	G	Water			X	X	X	X	X	2	
AP MW-5 (870-41591-2)	11/11/25	16:25 Central	G	Water			X	X	X	X	X	2	
AP MW-4 (870-41591-3)	11/11/25	16:55 Central	G	Water			X	X	X	X	X	2	
AP MW-3 (870-41591-4)	11/12/25	11:10 Central	G	Water			X	X	X	X	X	2	
SSP MW-2 (870-41591-5)	11/12/25	11:05 Central	G	Water			X	X	X	X	X	2	
SSP/AP MW-1 (870-41591-6)	11/12/25	11 10 Central	G	Water			X	X	X	X	X	2	
FD2 (870-41591-7)	11/12/25	11:25 Central	G	Water			X	X	X	X	X	2	
SFL MW-5 (870-41591-8)	11/12/25	13:10 Central	G	Water			X	X	X	X	X	2	
MNW-18 (870-41591-9)	11/12/25	14:45 Central	G	Water			X	X	X	X	X	2	

Analysis Requested

Preservation Codes:

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by: TPX	Date/Time:	Company
Relinquished by:	Date/Time: 11/14/25 - 1300	Company	Received by: NOV 14 2025	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11-15-25 0800	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: IR268 2.1°

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

12/23/2025

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9489.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-41591 1
Address: 4145 Greenbriar Dr	Due Date Requested: 11/20/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SFL MW-7 (870-41591 10)	11/12/25	15:00 Central	G	Water			X	X	X	X	X	2	
SFL MW-3 (870-41591 11)	11/12/25	15:20 Central	G	Water			X	X	X	X	X	2	
FD1 (870-41591-12)	11/12/25	15:45 Central	G	Water			X	X	X	X	X	2	
MNW-15 (870-41591-13)	11/12/25	16:35 Central	G	Water			X	X	X	X	X	2	
SFL MW-4 (870-41591 14)	11/12/25	17:10 Central	G	Water			X	X	X	X	X	2	
SFL MW-2 (870-41591 15)	11/13/25	09:45 Central	G	Water			X	X	X	X	X	2	
SSP MW-3 (870-41591-16)	11/13/25	12:05 Central	G	Water			X	X	X	X	X	2	
EB1 (870-41591 17)	11/13/25	13:25 Central	G	Water			X	X	X	X	X	2	
SSP MW-4 (870-41591 18)	11/13/25	15:20 Central	G	Water			X	X	X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by: TPX	Date/Time:	Company
Relinquished by:	Date/Time: 11/14/25 1700	Company	Received by: NOV 14 2025	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11-19-25 08a	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41591-1
SDG Number: 1029148

Login Number: 41591
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41591-1
SDG Number: 1029148

Login Number: 41591
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 11/15/25 09:57 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41591-1
SDG Number: 1029148

Login Number: 41591
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 11/17/25 01:10 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 12/29/2025 12:01:57 PM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station
10290148

JOB NUMBER

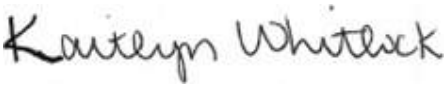
870-41696-1

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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12/29/2025 12:01:57 PM

Authorized for release by
Kaitlyn Whitlock, Project Manager
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 10
Tracer Carrier Summary 36
QC Sample Results 38
QC Association Summary 56
Lab Chronicle 66
Certification Summary 76
Method Summary 77
Sample Summary 78
Chain of Custody 79
Receipt Checklists 84

Qualifiers

HPLC/IC

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.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
870-41696-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/19/2025 8:57 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 5 coolers at receipt time were 1.0°C, 1.6°C, 2.2°C, 3.2°C and 3.6°C.

HPLC/IC
Method 9056A_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-277884 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.

Method 9056A_ORGFM_28D: Due to the high concentration of Chloride and Sulfate,the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-277884 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 9056A_ORGFM_28D: The continuing calibration blank (CCB) for analytical batch 860-278310 contained Chloride above the method detection limit (MDL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 9056A_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: SSP MW-4S (870-41696-1), FD3 (870-41696-2), SSP MW-6S (870-41696-3), SSP MW-5S (870-41696-4), SSP MW-3D (870-41696-8), SSP MW-2D (870-41696-9), AP MW-1 (870-41696-14), AP MW-4S (870-41696-15), AP PZ-1 (870-41696-16) and AP MW-5D (870-41696-17). Elevated reporting limits (RLs) are provided.

Method 9056A_ORGFM_28D: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-278310 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 9056A_ORGFM_28D: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-278310 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 9056A_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-278310 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.

Method 9056A_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-278310 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 9056A_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 860-278310 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Chloride and Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Job ID: 870-41696-1 (Continued) Eurofins Dallas

Method 9056A_ORGFM_28D: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with analytical batch 860-278310 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Sulfate in the MS/MSD was above the instrument calibration range. The data have been reported.

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

Metals
Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-277808 and analytical batch 860-278015 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-277856 and 860-277922 and analytical batch 860-278138 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-278138 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D: The method blank for preparation batch 860-278581 and analytical batch 860-279026 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-279026 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D - Dissolved: The method blank for preparation batch 860-277436 and 860-278151 and analytical batch 860-278460 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The continuing calibration blank (CCB) for analytical batch 860-278460 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6020B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-277809 and analytical batch 860-278112 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: SSP MW-4S (870-41696-1), FD3 (870-41696-2), AP MW-7S (870-41696-13), AP MW-4S (870-41696-15) and AP MW-5D (870-41696-17). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM4500_H+: The following samples were received outside of holding time: SSP MW-4S (870-41696-1), FD3 (870-41696-2), SSP MW-6S (870-41696-3), SSP MW-5S (870-41696-4), FD4 (870-41696-5), AP PZ-4S (870-41696-6), EB2 (870-41696-7), SSP MW-3D (870-41696-8), SSP MW-2D (870-41696-9), SSP MW-6D (870-41696-10), SSP MW-5D (870-41696-11), AP MW-1D (870-41696-12), AP MW-7S (870-41696-13), AP MW-1 (870-41696-14), AP MW-4S (870-41696-15), AP PZ-1 (870-41696-16) and AP MW-5D (870-41696-17).

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

Gamma Spectroscopy
Method 901.1_Ra: Gamma Batch 746339
The detection goal was not met for Ra-226 and/or Ra-228 for the following sample(s). An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra-226 and Ra-228 are well below the RL and MDC.
SSP MW-4S (870-41696-1), FD3 (870-41696-2), AP PZ-4S (870-41696-6), EB2 (870-41696-7), SSP MW-3D (870-41696-8), SSP

MW-2D (870-41696-9), SSP MW-6D (870-41696-10), SSP MW-5D (870-41696-11), AP MW-7S (870-41696-13), AP MW-1 (870-41696-14), AP MW-4S (870-41696-15) and AP MW-5D (870-41696-17)

Method 901.1_Ra: Gamma Batch 746339
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-226. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-746339/1-A).

Method 901.1_Ra: Gamma Batch 746339
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

SSP MW-4S (870-41696-1), FD3 (870-41696-2), SSP MW-6S (870-41696-3), SSP MW-5S (870-41696-4), FD4 (870-41696-5), AP PZ-4S (870-41696-6), EB2 (870-41696-7), SSP MW-3D (870-41696-8), SSP MW-2D (870-41696-9), SSP MW-6D (870-41696-10), SSP MW-5D (870-41696-11), AP MW-1D (870-41696-12), AP MW-7S (870-41696-13), AP MW-1 (870-41696-14), AP MW-4S (870-41696-15), AP PZ-1 (870-41696-16), AP MW-5D (870-41696-17) and (870-41696-A-1-B DU)

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

Gas Flow Proportional Counter
Method 903.0: Radium 226 Prep Batch 160-746315

Insufficient sample volume was available to perform a sample duplicate for the following samples: SSP MW-6S (870-41696-3), SSP MW-5S (870-41696-4), FD4 (870-41696-5), AP PZ-4S (870-41696-6), EB2 (870-41696-7), AP MW-1D (870-41696-12), AP MW-7S (870-41696-13) and AP MW-1 (870-41696-14). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method 904.0: Radium 228 Prep Batch 160-746323

Insufficient sample volume was available to perform a sample duplicate for the following samples: SSP MW-6S (870-41696-3), SSP MW-5S (870-41696-4), FD4 (870-41696-5), AP PZ-4S (870-41696-6), EB2 (870-41696-7), AP MW-1D (870-41696-12), AP MW-7S (870-41696-13) and AP MW-1 (870-41696-14). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Job ID: 870-41696-1 (Continued)

Method 904.0: Radium 228 Batch 746323

The Radium-228 laboratory control sample and laboratory control sample duplicate (LCS/LCSD) associated with the following samples recovered at 137 and 127%: (LCS 160-746323/2-A) and (LCSD 160-746323/3-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

Method 904.0: Radium 228 Batch 746323

The detection goal was not met for the following sample due to the presence of matrix interferences: SSP MW-5D (870-41696-11). Analytical results are reported with the detection limit achieved.

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

Client Sample ID: SSP MW-4S

Date Collected: 11/17/25 09:45
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-1

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**2.50**		0.500	0.100	mg/L			11/25/25 22:06	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**525**		5.00	2.50	mg/L			11/25/25 22:13	10
Sulfate	**3090**		5.00	2.00	mg/L			11/25/25 22:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**10.5**		0.0500	0.0162	mg/L		11/24/25 00:10	11/24/25 11:13	1
Calcium	**550**		10.0	5.08	mg/L		11/24/25 00:10	11/24/25 11:21	50
Magnesium	**213**		0.200	0.0445	mg/L		11/24/25 00:10	11/24/25 11:13	1
Potassium	**35.1**		0.500	0.106	mg/L		11/24/25 00:10	11/24/25 11:13	1
Sodium	**449**		25.0	7.59	mg/L		11/24/25 00:10	11/24/25 11:21	50
Lithium	**0.176**		0.0400	0.0174	mg/L		11/24/25 00:10	11/24/25 11:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**22.5**		0.100	0.0275	mg/L		11/24/25 11:30	11/25/25 16:04	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:00	1
Arsenic	**0.0112**		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:00	1
Barium	**0.0217**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:00	1
Beryllium	**0.0223**		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:00	1
Cadmium	**0.00191**	**J**	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:00	1
Chromium	**0.00160**	**J**	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:00	1
Cobalt	**0.101**		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:00	1
Iron	**40.3**		0.100	0.0223	mg/L		11/24/25 11:30	11/25/25 16:04	5
Lead	**0.0147**		0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:00	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:00	1
Selenium	**0.0502**		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:00	1
Thallium	**0.00314**		0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000155**	**J**	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/21/25 14:13	1
Total Dissolved Solids (SM 2540C)	**4540**		20.0	20.0	mg/L			11/20/25 16:04	1
pH (SM 4500 H+ B)	**3.6**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**22.4**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	11.2	U G	19.4	19.4	50.0	59.9	pCi/L	11/21/25 09:31	12/12/25 01:24	1
Radium-228	14.9	U G	39.3	39.3	50.0	55.4	pCi/L	11/21/25 09:31	12/12/25 01:24	1
Combined Radium 226 + 228	26.1	U	43.8	43.8		59.9	pCi/L	11/21/25 09:31	12/12/25 01:24	1

Client Sample ID: SSP MW-4S

Lab Sample ID: 870-41696-1
Matrix: Water
Date Collected: 11/17/25 09:45
Date Received: 11/19/25 08:57

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.47		0.380	0.440	1.00	0.199	pCi/L	11/21/25 07:38	12/15/25 21:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:05*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	9.76		1.19	1.49	1.00	0.876	pCi/L	11/21/25 07:50	12/12/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*
Y Carrier	*84.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*

Client Sample ID: FD3

Lab Sample ID: 870-41696-2
Matrix: Water
Date Collected: 11/17/25 10:15
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	2.60		0.500	0.100	mg/L			11/25/25 21:51	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	579		5.00	2.50	mg/L			11/25/25 21:58	10
Sulfate	3450		5.00	2.00	mg/L			11/25/25 21:58	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	11.6		0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 17:45	1
Calcium	503		0.200	0.102	mg/L		11/24/25 09:07	11/24/25 17:45	1
Magnesium	235		0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 17:45	1
Potassium	38.8		0.500	0.106	mg/L		11/24/25 09:07	11/24/25 17:45	1
Sodium	479		25.0	7.59	mg/L		11/24/25 09:07	11/24/25 17:52	50
Lithium	0.284		0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 17:45	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	25.4		0.100	0.0275	mg/L		11/24/25 11:30	11/25/25 16:10	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:06	1
Arsenic	0.0122		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:06	1
Barium	0.0247		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:06	1
Beryllium	0.0253		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:06	1
Cadmium	0.00213		0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:06	1
Chromium	0.00239	J	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:06	1
Cobalt	0.111		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:06	1
Iron	45.3		0.100	0.0223	mg/L		11/24/25 11:30	11/25/25 16:10	5
Lead	0.0171		0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:06	1

Client Sample ID: FD3

Lab Sample ID: 870-41696-2
Date Collected: 11/17/25 10:15
Matrix: Water
Date Received: 11/19/25 08:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:06	1
Selenium	**0.0550**		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:06	1
Thallium	**0.00361**		0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000169**	**J**	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 18:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/21/25 14:22	1
Total Dissolved Solids (SM 2540C)	**4720**		20.0	20.0	mg/L			11/20/25 16:04	1
pH (SM 4500 H+ B)	**3.7**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**23.1**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-10.2	U G	28.7	28.7	50.0	88.0	pCi/L	11/21/25 09:31	12/12/25 07:28	1
Radium-228	2.46	U G	5.06	5.06	50.0	92.2	pCi/L	11/21/25 09:31	12/12/25 07:28	1
Combined Radium 226 + 228	-7.78	U	29.1	29.1		92.2	pCi/L	11/21/25 09:31	12/12/25 07:28	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.97**		0.438	0.513	1.00	0.275	pCi/L	11/21/25 07:38	12/15/25 21:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.7*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:05*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**10.5**		1.28	1.61	1.00	0.876	pCi/L	11/21/25 07:50	12/12/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.7*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*
Y Carrier	*83.0*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*

Client Sample ID: SSP MW-6S

Lab Sample ID: 870-41696-3
Date Collected: 11/17/25 13:15
Matrix: Water
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	**0.616**		0.500	0.100	mg/L			11/25/25 21:36	1

Client Sample ID: SSP MW-6S

Date Collected: 11/17/25 13:15
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-3

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1770**		5.00	2.50	mg/L			11/25/25 21:44	10
Sulfate	**2890**		5.00	2.00	mg/L			11/25/25 21:44	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.384**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:47	1
Calcium	**654**		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 20:47	1
Magnesium	**189**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:47	1
Potassium	**49.6**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:47	1
Sodium	**1130**	**^2**	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:53	50
Lithium	**0.499**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.619**		0.0200	0.00549	mg/L		11/24/25 00:12	11/24/25 19:28	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 00:12	11/24/25 19:28	1
Arsenic	**0.00174**	**J**	0.00400	0.000690	mg/L		11/24/25 00:12	11/24/25 19:28	1
Barium	**0.0161**		0.00400	0.00134	mg/L		11/24/25 00:12	11/24/25 19:28	1
Beryllium	**0.0601**		0.00200	0.000271	mg/L		11/24/25 00:12	11/24/25 19:28	1
Cadmium	<0.000240	U F1	0.00200	0.000240	mg/L		11/24/25 00:12	11/24/25 19:28	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 00:12	11/24/25 19:28	1
Cobalt	**0.0137**		0.00200	0.000355	mg/L		11/24/25 00:12	11/24/25 19:28	1
Iron	**7.76**		0.0200	0.00445	mg/L		11/24/25 00:12	11/24/25 19:28	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 00:12	11/24/25 19:28	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 00:12	11/24/25 19:28	1
Selenium	<0.000590	U F1	0.00200	0.000590	mg/L		11/24/25 00:12	11/24/25 19:28	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 00:12	11/24/25 19:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 18:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**42.3**		4.00	4.00	mg/L			11/21/25 14:17	1
Total Dissolved Solids (SM 2540C)	**6200**		20.0	20.0	mg/L			11/20/25 16:04	1
pH (SM 4500 H+ B)	**5.2**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**22.8**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	18.5	U	16.2	16.3	50.0	25.5	pCi/L	11/21/25 09:31	12/12/25 07:29	1
Radium-228	8.75	U	28.1	28.1	50.0	47.1	pCi/L	11/21/25 09:31	12/12/25 07:29	1
Combined Radium 226 + 228	27.2	U	32.4	32.5		47.1	pCi/L	11/21/25 09:31	12/12/25 07:29	1

Client Sample ID: SSP MW-6S

Lab Sample ID: 870-41696-3
Matrix: Water
Date Collected: 11/17/25 13:15
Date Received: 11/19/25 08:57

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.332		0.145	0.149	1.00	0.175	pCi/L	11/21/25 07:38	12/15/25 21:05	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:05*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.94		0.624	0.680	1.00	0.614	pCi/L	11/21/25 07:50	12/12/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.3*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*
Y Carrier	*83.4*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*

Client Sample ID: SSP MW-5S

Lab Sample ID: 870-41696-4
Matrix: Water
Date Collected: 11/17/25 13:05
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 21:07	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2080		5.00	2.50	mg/L			11/25/25 21:14	10
Sulfate	911		5.00	2.00	mg/L			11/25/25 21:14	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.223		0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 18:03	1
Calcium	416		0.200	0.102	mg/L		11/24/25 09:07	11/24/25 18:03	1
Magnesium	85.6		0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 18:03	1
Potassium	30.3		0.500	0.106	mg/L		11/24/25 09:07	11/24/25 18:03	1
Sodium	1020		25.0	7.59	mg/L		11/24/25 09:07	11/24/25 18:11	50
Lithium	0.325		0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 18:03	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0490		0.0200	0.00549	mg/L		11/24/25 00:12	11/24/25 20:33	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 00:12	11/24/25 20:33	1
Arsenic	0.00268	J	0.00400	0.000690	mg/L		11/24/25 00:12	11/24/25 20:33	1
Barium	0.0235		0.00400	0.00134	mg/L		11/24/25 00:12	11/24/25 20:33	1
Beryllium	0.00197	J	0.00200	0.000271	mg/L		11/24/25 00:12	11/24/25 20:33	1
Cadmium	0.00165	J	0.00200	0.000240	mg/L		11/24/25 00:12	11/24/25 20:33	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 00:12	11/24/25 20:33	1
Cobalt	0.0315		0.00200	0.000355	mg/L		11/24/25 00:12	11/24/25 20:33	1
Iron	0.774		0.0200	0.00445	mg/L		11/24/25 00:12	11/24/25 20:33	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 00:12	11/24/25 20:33	1

Client Sample ID: SSP MW-5S

Lab Sample ID: 870-41696-4
Matrix: Water
Date Collected: 11/17/25 13:05
Date Received: 11/19/25 08:57

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**0.000267**	**J**	0.00200	0.000255	mg/L		11/24/25 00:12	11/24/25 20:33	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 00:12	11/24/25 20:33	1
Thallium	**0.00114**	**J**	0.00200	0.000415	mg/L		11/24/25 00:12	11/24/25 20:33	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**41.6**		4.00	4.00	mg/L			11/21/25 15:30	1
Total Dissolved Solids (SM 2540C)	**4550**		20.0	20.0	mg/L			11/20/25 16:04	1
pH (SM 4500 H+ B)	**5.4**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**22.3**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	10.9	U	14.2	14.2	50.0	46.3	pCi/L	11/21/25 09:31	12/12/25 07:28	1
Radium-228	6.86	U	25.7	25.7	50.0	43.2	pCi/L	11/21/25 09:31	12/12/25 07:28	1
Combined Radium 226 + 228	17.7	U	29.4	29.4		46.3	pCi/L	11/21/25 09:31	12/12/25 07:28	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.697**		0.189	0.199	1.00	0.147	pCi/L	11/21/25 07:38	12/15/25 21:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.50**		0.650	0.689	1.00	0.721	pCi/L	11/21/25 07:50	12/12/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*
Y Carrier	*80.0*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*

Client Sample ID: FD4

Lab Sample ID: 870-41696-5
Matrix: Water
Date Collected: 11/17/25 10:20
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3090**		5.00	2.50	mg/L			11/25/25 02:23	10
Fluoride	<1.00	U	5.00	1.00	mg/L			11/25/25 02:23	10
Sulfate	**1250**		5.00	2.00	mg/L			11/25/25 02:23	10

Client Sample ID: FD4

Date Collected: 11/17/25 10:20
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-5

Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.0576**		0.0500	0.0162	mg/L		11/26/25 12:42	12/01/25 13:34	1
Calcium	**47.4**		0.200	0.102	mg/L		11/26/25 12:42	12/01/25 13:34	1
Magnesium	**3.88**		0.200	0.0445	mg/L		11/26/25 12:42	12/01/25 13:34	1
Potassium	**4.52**		0.500	0.106	mg/L		11/26/25 12:42	12/01/25 13:34	1
Sodium	**15.3**		0.500	0.152	mg/L		11/26/25 12:42	12/01/25 13:34	1
Lithium	**0.0272**	**J B**	0.0400	0.0174	mg/L		11/26/25 12:42	12/01/25 13:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 00:12	11/24/25 20:44	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 00:12	11/24/25 20:44	1
Arsenic	**0.00638**		0.00400	0.000690	mg/L		11/24/25 00:12	11/24/25 20:44	1
Barium	**0.0534**		0.00400	0.00134	mg/L		11/24/25 00:12	11/24/25 20:44	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 00:12	11/24/25 20:44	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 00:12	11/24/25 20:44	1
Chromium	**0.00226**	**J**	0.00400	0.000560	mg/L		11/24/25 00:12	11/24/25 20:44	1
Cobalt	**0.00596**		0.00200	0.000355	mg/L		11/24/25 00:12	11/24/25 20:44	1
Iron	**0.685**		0.0200	0.00445	mg/L		11/24/25 00:12	11/24/25 20:44	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 00:12	11/24/25 20:44	1
Molybdenum	**0.00192**	**J**	0.00200	0.000255	mg/L		11/24/25 00:12	11/24/25 20:44	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 00:12	11/24/25 20:44	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 00:12	11/24/25 20:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 18:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**186**		4.00	4.00	mg/L			11/21/25 16:09	1
Total Dissolved Solids (SM 2540C)	**6790**		50.0	50.0	mg/L			11/20/25 16:04	1
pH (SM 4500 H+ B)	**6.5**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**23.0**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	28.0	U	21.2	21.4	50.0	28.9	pCi/L	11/21/25 09:31	12/12/25 07:29	1
Radium-228	29.9	U	27.3	27.4	50.0	39.8	pCi/L	11/21/25 09:31	12/12/25 07:29	1
Combined Radium 226 + 228	**57.8**		34.6	34.8		39.8	pCi/L	11/21/25 09:31	12/12/25 07:29	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.49**		0.264	0.296	1.00	0.157	pCi/L	11/21/25 07:38	12/15/25 21:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:06*	*1*

Client Sample ID: FD4

Lab Sample ID: 870-41696-5
Date Collected: 11/17/25 10:20
Matrix: Water
Date Received: 11/19/25 08:57

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.52**		0.754	0.821	1.00	0.796	pCi/L	11/21/25 07:50	12/12/25 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:53*	*1*

Client Sample ID: AP PZ-4S

Lab Sample ID: 870-41696-6
Date Collected: 11/17/25 09:50
Matrix: Water
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2390**		5.00	2.50	mg/L			11/25/25 02:03	10
Fluoride	<1.00	U	5.00	1.00	mg/L			11/25/25 02:03	10
Sulfate	**950**		5.00	2.00	mg/L			11/25/25 02:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.01**	**F1**	0.0500	0.0162	mg/L		11/24/25 00:10	11/24/25 10:55	1
Calcium	**890**		10.0	5.08	mg/L		11/24/25 00:10	11/24/25 11:03	50
Magnesium	**147**		0.200	0.0445	mg/L		11/24/25 00:10	11/24/25 10:55	1
Potassium	**96.3**		0.500	0.106	mg/L		11/24/25 00:10	11/24/25 10:55	1
Sodium	**1250**		25.0	7.59	mg/L		11/24/25 00:10	11/24/25 11:03	50
Lithium	**0.811**		0.0400	0.0174	mg/L		11/24/25 00:10	11/24/25 10:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:13	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:13	1
Arsenic	**0.00665**		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:13	1
Barium	**0.0539**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:13	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:13	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:13	1
Chromium	**0.00132**	**J**	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:13	1
Cobalt	**0.00593**		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:13	1
Iron	**0.695**		0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:13	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:13	1
Molybdenum	**0.00186**	**J**	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:13	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:13	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**189**		4.00	4.00	mg/L			11/21/25 16:33	1
Total Dissolved Solids (SM 2540C)	**6590**		50.0	50.0	mg/L			11/20/25 16:04	1

Client Sample ID: AP PZ-4S

Lab Sample ID: 870-41696-6
Matrix: Water
Date Collected: 11/17/25 09:50
Date Received: 11/19/25 08:57

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	6.6	HF			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	20.9	HF			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.845	U G	2.28	2.28	50.0	87.8	pCi/L	11/21/25 09:31	12/12/25 09:05	1
Radium-228	18.6	U G	50.7	50.8	50.0	61.8	pCi/L	11/21/25 09:31	12/12/25 09:05	1
Combined Radium 226 + 228	17.7	U	50.8	50.9		87.8	pCi/L	11/21/25 09:31	12/12/25 09:05	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.43		0.254	0.285	1.00	0.129	pCi/L	11/21/25 07:38	12/15/25 21:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.32		0.696	0.760	1.00	0.696	pCi/L	11/21/25 07:50	12/12/25 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:54*	*1*
Y Carrier	*75.1*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:54*	*1*

Client Sample ID: EB2

Lab Sample ID: 870-41696-7
Matrix: Water
Date Collected: 11/17/25 10:30
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.491	J	0.500	0.250	mg/L			11/25/25 19:39	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 19:39	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/25/25 19:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 18:16	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/24/25 09:07	11/24/25 18:16	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 18:16	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/24/25 09:07	11/24/25 18:16	1
Sodium	0.267	J	0.500	0.152	mg/L		11/24/25 09:07	11/24/25 18:16	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 18:16	1

Client Sample ID: EB2

Date Collected: 11/17/25 10:30
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-7

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 00:12	11/24/25 20:35	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 00:12	11/24/25 20:35	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 00:12	11/24/25 20:35	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/24/25 00:12	11/24/25 20:35	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 00:12	11/24/25 20:35	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 00:12	11/24/25 20:35	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 00:12	11/24/25 20:35	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 00:12	11/24/25 20:35	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/24/25 00:12	11/24/25 20:35	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 00:12	11/24/25 20:35	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 00:12	11/24/25 20:35	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 00:12	11/24/25 20:35	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 00:12	11/24/25 20:35	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:10	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/21/25 16:45	1
Total Dissolved Solids (SM 2540C)	**5.00**		2.50	2.50	mg/L			11/20/25 16:04	1
pH (SM 4500 H+ B)	**7.7**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**20.5**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	15.9	U G	12.8	12.9	50.0	58.6	pCi/L	11/21/25 09:31	12/12/25 09:06	1
Radium-228	-13.9	U G	35.2	35.3	50.0	59.6	pCi/L	11/21/25 09:31	12/12/25 09:06	1
Combined Radium 226 + 228	1.94	U	37.5	37.6		59.6	pCi/L	11/21/25 09:31	12/12/25 09:06	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0477	U	0.0662	0.0664	1.00	0.169	pCi/L	11/21/25 07:38	12/15/25 21:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.616	U	0.422	0.426	1.00	0.627	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.9*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: EB2

Lab Sample ID: 870-41696-7
Date Collected: 11/17/25 10:30
Matrix: Water
Date Received: 11/19/25 08:57

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	75.5		30 - 110	11/21/25 07:50	12/12/25 09:55	1

Client Sample ID: SSP MW-3D

Lab Sample ID: 870-41696-8
Date Collected: 11/17/25 09:45
Matrix: Water
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.217	J	0.500	0.100	mg/L			11/25/25 19:24	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1490		5.00	2.50	mg/L			11/25/25 19:31	10
Sulfate	2400		5.00	2.00	mg/L			11/25/25 19:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.31		0.0500	0.0162	mg/L		11/26/25 12:42	12/01/25 13:41	1
Calcium	587		0.200	0.102	mg/L		11/26/25 12:42	12/01/25 13:41	1
Magnesium	131		0.200	0.0445	mg/L		11/26/25 12:42	12/01/25 13:41	1
Potassium	56.6		0.500	0.106	mg/L		11/26/25 12:42	12/01/25 13:41	1
Sodium	1220	^2	25.0	7.59	mg/L		11/26/25 12:42	12/01/25 13:47	50
Lithium	0.540	B	0.0400	0.0174	mg/L		11/26/25 12:42	12/01/25 13:41	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.615		0.0200	0.00549	mg/L		11/24/25 00:12	11/24/25 20:41	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 00:12	11/24/25 20:41	1
Arsenic	0.00589		0.00400	0.000690	mg/L		11/24/25 00:12	11/24/25 20:41	1
Barium	0.0200		0.00400	0.00134	mg/L		11/24/25 00:12	11/24/25 20:41	1
Beryllium	0.00655		0.00200	0.000271	mg/L		11/24/25 00:12	11/24/25 20:41	1
Cadmium	0.00331		0.00200	0.000240	mg/L		11/24/25 00:12	11/24/25 20:41	1
Chromium	0.00149	J	0.00400	0.000560	mg/L		11/24/25 00:12	11/24/25 20:41	1
Cobalt	0.142		0.00200	0.000355	mg/L		11/24/25 00:12	11/24/25 20:41	1
Iron	1.98		0.0200	0.00445	mg/L		11/24/25 00:12	11/24/25 20:41	1
Lead	0.000474	J	0.00200	0.000367	mg/L		11/24/25 00:12	11/24/25 20:41	1
Molybdenum	0.000357	J	0.00200	0.000255	mg/L		11/24/25 00:12	11/24/25 20:41	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 00:12	11/24/25 20:41	1
Thallium	0.00112	J	0.00200	0.000415	mg/L		11/24/25 00:12	11/24/25 20:41	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 18:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	13.9		4.00	4.00	mg/L			11/21/25 15:36	1
Total Dissolved Solids (SM 2540C)	5010		20.0	20.0	mg/L			11/20/25 16:04	1
pH (SM 4500 H+ B)	4.7	HF			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	20.0	HF			Celsius			11/21/25 11:32	1

Client Sample ID: SSP MW-3D

Lab Sample ID: 870-41696-8

Date Collected: 11/17/25 09:45
Matrix: Water
Date Received: 11/19/25 08:57

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	10.2	U G	12.9	12.9	50.0	52.8	pCi/L	11/21/25 09:31	12/12/25 09:05	1
Radium-228	6.31	U	19.9	19.9	50.0	40.2	pCi/L	11/21/25 09:31	12/12/25 09:05	1
Combined Radium 226 + 228	16.5	U	23.7	23.7		52.8	pCi/L	11/21/25 09:31	12/12/25 09:05	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.34**		0.286	0.310	1.00	0.191	pCi/L	11/21/25 07:38	12/15/25 21:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.78**		0.837	0.945	1.00	0.681	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*81.1*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: SSP MW-2D

Lab Sample ID: 870-41696-9

Date Collected: 11/17/25 14:25
Matrix: Water
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2710**		5.00	2.50	mg/L			11/25/25 19:09	10
Fluoride	<1.00	U	5.00	1.00	mg/L			11/25/25 19:09	10
Sulfate	**2150**		5.00	2.00	mg/L			11/25/25 19:09	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.524**		0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 18:17	1
Calcium	**900**		10.0	5.08	mg/L		11/24/25 09:07	11/24/25 18:25	50
Magnesium	**143**		0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 18:17	1
Potassium	**63.6**		0.500	0.106	mg/L		11/24/25 09:07	11/24/25 18:17	1
Sodium	**1270**		25.0	7.59	mg/L		11/24/25 09:07	11/24/25 18:25	50
Lithium	**0.680**		0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 18:17	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.147**		0.0200	0.00549	mg/L		11/24/25 00:12	11/24/25 20:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 00:12	11/24/25 20:38	1
Arsenic	**0.000775**	**J**	0.00400	0.000690	mg/L		11/24/25 00:12	11/24/25 20:38	1
Barium	**0.0178**		0.00400	0.00134	mg/L		11/24/25 00:12	11/24/25 20:38	1
Beryllium	**0.000287**	**J**	0.00200	0.000271	mg/L		11/24/25 00:12	11/24/25 20:38	1

Client Sample ID: SSP MW-2D

Date Collected: 11/17/25 14:25
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-9

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 00:12	11/24/25 20:38	1
Chromium	**0.000619**	**J**	0.00400	0.000560	mg/L		11/24/25 00:12	11/24/25 20:38	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 00:12	11/24/25 20:38	1
Iron	**1.05**		0.0200	0.00445	mg/L		11/24/25 00:12	11/24/25 20:38	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 00:12	11/24/25 20:38	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 00:12	11/24/25 20:38	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 00:12	11/24/25 20:38	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 00:12	11/24/25 20:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**78.6**		4.00	4.00	mg/L			11/21/25 14:44	1
Total Dissolved Solids (SM 2540C)	**6000**		50.0	50.0	mg/L			11/20/25 17:02	1
pH (SM 4500 H+ B)	**5.7**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**20.2**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-1.08	U G	5.53	5.53	50.0	56.4	pCi/L	11/21/25 09:31	12/12/25 09:05	1
Radium-228	0.531	U G	31.5	31.5	50.0	54.0	pCi/L	11/21/25 09:31	12/12/25 09:05	1
Combined Radium 226 + 228	-0.547	U	32.0	32.0		56.4	pCi/L	11/21/25 09:31	12/12/25 09:05	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.601**		0.206	0.213	1.00	0.193	pCi/L	11/21/25 07:38	12/15/25 21:06	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:06*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.42**		0.579	0.594	1.00	0.752	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.7*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: SSP MW-6D

Date Collected: 11/17/25 14:40
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-10

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1260**		5.00	2.50	mg/L			11/24/25 23:33	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/24/25 23:23	1
Sulfate	**921**		5.00	2.00	mg/L			11/24/25 23:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.505**		0.0500	0.0162	mg/L		11/24/25 00:10	11/24/25 11:18	1
Calcium	**383**		0.200	0.102	mg/L		11/24/25 00:10	11/24/25 11:18	1
Magnesium	**67.6**		0.200	0.0445	mg/L		11/24/25 00:10	11/24/25 11:18	1
Potassium	**44.4**		0.500	0.106	mg/L		11/24/25 00:10	11/24/25 11:18	1
Sodium	**955**		25.0	7.59	mg/L		11/24/25 00:10	11/24/25 11:26	50
Lithium	**0.236**		0.0400	0.0174	mg/L		11/24/25 00:10	11/24/25 11:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0308**		0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:15	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:15	1
Barium	**0.0295**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:15	1
Iron	**0.889**		0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:15	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 18:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**252**		4.00	4.00	mg/L			11/21/25 17:28	1
Total Dissolved Solids (SM 2540C)	**3820**		20.0	20.0	mg/L			11/20/25 17:02	1
pH (SM 4500 H+ B)	**6.5**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-28.2	U G	29.3	29.5	50.0	99.8	pCi/L	11/21/25 09:31	12/12/25 11:41	1
Radium-228	-17.4	U G	32.6	32.6	50.0	97.0	pCi/L	11/21/25 09:31	12/12/25 11:41	1
Combined Radium 226 + 228	-45.6	U	43.8	44.0		99.8	pCi/L	11/21/25 09:31	12/12/25 11:41	1

Client Sample ID: SSP MW-6D

Lab Sample ID: 870-41696-10
Matrix: Water
Date Collected: 11/17/25 14:40
Date Received: 11/19/25 08:57

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.585**		0.202	0.209	1.00	0.196	pCi/L	11/21/25 07:38	12/15/25 21:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.17**		0.786	0.838	1.00	0.833	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*72.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: SSP MW-5D

Lab Sample ID: 870-41696-11
Matrix: Water
Date Collected: 11/17/25 17:10
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1280**		5.00	2.50	mg/L			11/25/25 00:33	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 00:23	1
Sulfate	**225**		0.500	0.200	mg/L			11/25/25 00:23	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.571**		0.0500	0.0162	mg/L		11/24/25 00:10	11/24/25 11:15	1
Calcium	**228**		0.200	0.102	mg/L		11/24/25 00:10	11/24/25 11:15	1
Magnesium	**35.7**		0.200	0.0445	mg/L		11/24/25 00:10	11/24/25 11:15	1
Potassium	**29.1**		0.500	0.106	mg/L		11/24/25 00:10	11/24/25 11:15	1
Sodium	**795**		25.0	7.59	mg/L		11/24/25 00:10	11/24/25 11:23	50
Lithium	**0.295**		0.0400	0.0174	mg/L		11/24/25 00:10	11/24/25 11:15	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		11/25/25 09:21	11/25/25 18:30	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		11/25/25 09:21	11/25/25 18:30	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		11/25/25 09:21	11/25/25 18:30	1
Barium	**0.0408**		0.0100	0.00125	mg/L		11/25/25 09:21	11/25/25 18:30	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		11/25/25 09:21	11/25/25 18:30	1
Boron	**0.522**		0.0500	0.0162	mg/L		11/25/25 09:21	11/25/25 18:30	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		11/25/25 09:21	11/25/25 18:30	1
Calcium	**211**		0.200	0.102	mg/L		11/25/25 09:21	11/25/25 18:30	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		11/25/25 09:21	11/25/25 18:30	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		11/25/25 09:21	11/25/25 18:30	1
Iron	**0.358**		0.200	0.0283	mg/L		11/25/25 09:21	11/25/25 18:30	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		11/25/25 09:21	11/25/25 18:30	1
Magnesium	**33.3**		0.200	0.0445	mg/L		11/25/25 09:21	11/25/25 18:30	1

Client Sample ID: SSP MW-5D

Date Collected: 11/17/25 17:10
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-11

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		11/25/25 09:21	11/25/25 18:30	1
Potassium	**27.4**		0.500	0.106	mg/L		11/25/25 09:21	11/25/25 18:30	1
Selenium	**0.0196**	**J**	0.0300	0.00927	mg/L		11/25/25 09:21	11/25/25 18:30	1
Sodium	**740**	**^2**	25.0	7.59	mg/L		11/25/25 09:21	11/25/25 18:33	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		11/25/25 09:21	11/25/25 18:30	1
Li	**0.267**	**B**	0.0400	0.0174	mg/L		11/25/25 09:21	11/25/25 18:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:18	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:18	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:18	1
Barium	**0.0400**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:18	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:18	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:18	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:18	1
Cobalt	**0.000585**	**J**	0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:18	1
Iron	**0.344**		0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:18	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:18	1
Molybdenum	**0.000394**	**J**	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:18	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:18	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:16	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/26/25 17:04	11/26/25 22:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**303**		4.00	4.00	mg/L			11/21/25 15:23	1
Total Dissolved Solids (SM 2540C)	**2910**		20.0	20.0	mg/L			11/20/25 17:02	1
pH (SM 4500 H+ B)	**6.7**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**48.3**		21.1	21.7	50.0	25.2	pCi/L	11/21/25 09:31	12/12/25 11:43	1
Radium-228	-8.26	U G	29.8	29.9	50.0	56.8	pCi/L	11/21/25 09:31	12/12/25 11:43	1
Combined Radium 226 + 228	40.0	U	36.5	36.9		56.8	pCi/L	11/21/25 09:31	12/12/25 11:43	1

Client Sample ID: SSP MW-5D

Date Collected: 11/17/25 17:10
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-11
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.579**		0.258	0.264	1.00	0.274	pCi/L	11/21/25 07:38	12/15/25 21:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*51.8*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.28	U G	0.880	0.887	1.00	1.32	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*51.8*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*75.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: AP MW-1D

Date Collected: 11/18/25 08:35
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-12
Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.2**		0.500	0.250	mg/L			11/25/25 00:43	1
Fluoride	**0.856**		0.500	0.100	mg/L			11/25/25 00:43	1
Sulfate	**370**		0.500	0.200	mg/L			11/25/25 00:43	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.85**		0.0500	0.0162	mg/L		11/24/25 00:10	11/24/25 11:11	1
Calcium	**48.8**		0.200	0.102	mg/L		11/24/25 00:10	11/24/25 11:11	1
Magnesium	**8.81**		0.200	0.0445	mg/L		11/24/25 00:10	11/24/25 11:11	1
Potassium	**8.07**		0.500	0.106	mg/L		11/24/25 00:10	11/24/25 11:11	1
Sodium	**178**		0.500	0.152	mg/L		11/24/25 00:10	11/24/25 11:11	1
Lithium	**0.0254**	**J**	0.0400	0.0174	mg/L		11/24/25 00:10	11/24/25 11:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0115**	**J**	0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:21	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:21	1
Arsenic	**0.0103**		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:21	1
Barium	**0.0115**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:21	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:21	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:21	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:21	1
Cobalt	**0.00797**		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:21	1
Iron	**0.0105**	**J**	0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:21	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:21	1
Molybdenum	**0.0325**		0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:21	1
Selenium	**0.00140**	**J**	0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:21	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:21	1

Client Sample ID: AP MW-1D

Lab Sample ID: 870-41696-12

Date Collected: 11/18/25 08:35
Matrix: Water
Date Received: 11/19/25 08:57

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:54	11/21/25 19:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	96.3		4.00	4.00	mg/L			11/21/25 16:39	1
Total Dissolved Solids (SM 2540C)	812		5.00	5.00	mg/L			11/20/25 17:02	1
pH (SM 4500 H+ B)	6.3	HF			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	20.0	HF			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	67.4		21.9	22.9	50.0	24.4	pCi/L	11/21/25 09:31	12/12/25 11:40	1
Radium-228	23.7	U	29.7	29.8	50.0	43.2	pCi/L	11/21/25 09:31	12/12/25 11:40	1
Combined Radium 226 + 228	91.2		36.9	37.6		43.2	pCi/L	11/21/25 09:31	12/12/25 11:40	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.119	U	0.0959	0.0965	1.00	0.137	pCi/L	11/21/25 07:38	12/15/25 21:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.05		0.467	0.477	1.00	0.630	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.6*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*80.0*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: AP MW-7S

Lab Sample ID: 870-41696-13

Date Collected: 11/18/25 09:10
Matrix: Water
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	369		0.500	0.250	mg/L			11/25/25 01:03	1
Fluoride	2.76		0.500	0.100	mg/L			11/25/25 01:03	1
Sulfate	3570		5.00	2.00	mg/L			11/25/25 01:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.35		0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 18:19	1
Calcium	466		0.200	0.102	mg/L		11/24/25 09:07	11/24/25 18:19	1
Magnesium	157		0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 18:19	1

Client Sample ID: AP MW-7S

Date Collected: 11/18/25 09:10
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-13

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**57.6**		0.500	0.106	mg/L		11/24/25 09:07	11/24/25 18:19	1
Sodium	**785**		25.0	7.59	mg/L		11/24/25 09:07	11/24/25 18:27	50
Lithium	**1.02**		0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 18:19	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6.23**		0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:24	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:24	1
Arsenic	**0.0150**		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:24	1
Barium	**0.0190**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:24	1
Beryllium	**0.0909**		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:24	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:24	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:24	1
Cobalt	**0.0515**		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:24	1
Iron	**15.4**		0.100	0.0223	mg/L		11/24/25 11:30	11/25/25 16:27	5
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:24	1
Molybdenum	**0.000290**	**J**	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:24	1
Selenium	**0.0716**		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:24	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/21/25 15:18	1
Total Dissolved Solids (SM 2540C)	**4560**		20.0	20.0	mg/L			11/20/25 17:02	1
pH (SM 4500 H+ B)	**4.7**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**20.0**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**78.6**		26.3	27.4	50.0	29.7	pCi/L	11/21/25 09:31	12/12/25 11:41	1
Radium-228	21.2	U G	34.3	34.4	50.0	54.3	pCi/L	11/21/25 09:31	12/12/25 11:41	1
Combined Radium 226 + 228	**99.8**		43.2	44.0		54.3	pCi/L	11/21/25 09:31	12/12/25 11:41	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.832**		0.200	0.214	1.00	0.144	pCi/L	11/21/25 07:38	12/15/25 21:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:08*	*1*

Client Sample ID: AP MW-7S

Lab Sample ID: 870-41696-13

Date Collected: 11/18/25 09:10
Matrix: Water
Date Received: 11/19/25 08:57

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.66		0.605	0.652	1.00	0.636	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*79.6*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: AP MW-1

Lab Sample ID: 870-41696-14

Date Collected: 11/18/25 09:55
Matrix: Water
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	225		0.500	0.250	mg/L			11/25/25 23:34	1
Fluoride	0.171	J F1	0.500	0.100	mg/L			11/25/25 23:34	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	775		5.00	2.00	mg/L			11/25/25 23:41	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.82		0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 18:20	1
Calcium	123		0.200	0.102	mg/L		11/24/25 09:07	11/24/25 18:20	1
Magnesium	24.4		0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 18:20	1
Potassium	9.32		0.500	0.106	mg/L		11/24/25 09:07	11/24/25 18:20	1
Sodium	288		0.500	0.152	mg/L		11/24/25 09:07	11/24/25 18:20	1
Lithium	0.0807		0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 18:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0980		0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:36	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:36	1
Arsenic	0.00380	J	0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:36	1
Barium	0.0473		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:36	1
Beryllium	0.00424		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:36	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:36	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:36	1
Cobalt	0.0907		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:36	1
Iron	2.06		0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:36	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:36	1
Molybdenum	0.00327		0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:36	1
Selenium	0.00234		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:36	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:05	1

Client Sample ID: AP MW-1

Lab Sample ID: 870-41696-14
Matrix: Water
Date Collected: 11/18/25 09:55
Date Received: 11/19/25 08:57

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	83.9		4.00	4.00	mg/L			11/21/25 17:16	1
Total Dissolved Solids (SM 2540C)	1680		10.0	10.0	mg/L			11/20/25 17:02	1
pH (SM 4500 H+ B)	5.6	HF			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	20.1	HF			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	10.7	U G	22.3	22.3	50.0	56.2	pCi/L	11/21/25 09:31	12/12/25 11:43	1
Radium-228	2.65	U G	4.04	4.04	50.0	76.6	pCi/L	11/21/25 09:31	12/12/25 11:43	1
Combined Radium 226 + 228	13.3	U	22.7	22.7		76.6	pCi/L	11/21/25 09:31	12/12/25 11:43	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.802		0.212	0.224	1.00	0.176	pCi/L	11/21/25 07:38	12/15/25 21:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.54		0.704	0.776	1.00	0.640	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*78.1*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: AP MW-4S

Lab Sample ID: 870-41696-15
Matrix: Water
Date Collected: 11/18/25 10:50
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		0.500	0.250	mg/L			11/25/25 23:19	1
Fluoride	0.560		0.500	0.100	mg/L			11/25/25 23:19	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	722		5.00	2.00	mg/L			11/25/25 23:27	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.69		0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 18:22	1
Calcium	131		0.200	0.102	mg/L		11/24/25 09:07	11/24/25 18:22	1
Magnesium	22.2		0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 18:22	1
Potassium	20.6		0.500	0.106	mg/L		11/24/25 09:07	11/24/25 18:22	1

Client Sample ID: AP MW-4S

Date Collected: 11/18/25 10:50
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-15

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**180**		0.500	0.152	mg/L		11/24/25 09:07	11/24/25 18:22	1
Lithium	**0.148**		0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 18:22	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4.61**		0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:38	1
Arsenic	**0.00928**		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:38	1
Barium	**0.0170**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:38	1
Beryllium	**0.0148**		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:38	1
Cadmium	**0.000436**	**J**	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:38	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:38	1
Cobalt	**0.0392**		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:38	1
Iron	**12.7**		0.100	0.0223	mg/L		11/24/25 11:30	11/25/25 16:42	5
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:38	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:38	1
Selenium	**0.00506**		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:38	1
Thallium	**0.000420**	**J**	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:54	11/21/25 19:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/21/25 14:58	1
Total Dissolved Solids (SM 2540C)	**1170**		5.00	5.00	mg/L			11/21/25 10:05	1
pH (SM 4500 H+ B)	**4.1**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**19.9**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	8.21	U G	16.9	16.9	50.0	87.5	pCi/L	11/21/25 09:31	12/12/25 13:41	1
Radium-228	4.96	U G	43.9	43.9	50.0	75.7	pCi/L	11/21/25 09:31	12/12/25 13:41	1
Combined Radium 226 + 228	13.2	U	47.0	47.0		87.5	pCi/L	11/21/25 09:31	12/12/25 13:41	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.338**		0.168	0.170	1.00	0.200	pCi/L	11/21/25 07:38	12/15/25 21:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:08*	*1*

Client Sample ID: AP MW-4S

Lab Sample ID: 870-41696-15
Matrix: Water
Date Collected: 11/18/25 10:50
Date Received: 11/19/25 08:57

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.990		0.522	0.530	1.00	0.737	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.6*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*82.6*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: AP PZ-1

Lab Sample ID: 870-41696-16
Matrix: Water
Date Collected: 11/18/25 11:30
Date Received: 11/19/25 08:57

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	0.169	J	0.500	0.100	mg/L			11/25/25 22:35	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2710		5.00	2.50	mg/L			11/25/25 22:43	10
Sulfate	1900		5.00	2.00	mg/L			11/25/25 22:43	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.302		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:49	1
Calcium	880		10.0	5.08	mg/L		11/24/25 11:33	11/24/25 20:55	50
Magnesium	168		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:49	1
Potassium	55.2		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:49	1
Sodium	970	^2	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:55	50
Lithium	0.744		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.253		0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 16:44	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:44	1
Arsenic	0.00622		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:44	1
Barium	0.0249		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:44	1
Beryllium	0.00486		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:44	1
Cadmium	0.00348		0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:44	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:44	1
Cobalt	0.0459		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:44	1
Iron	1.12		0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:44	1
Lead	0.000569	J	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:44	1
Molybdenum	0.000477	J	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:44	1
Selenium	0.00348		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:44	1
Thallium	0.00192	J	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:12	1

Client Sample ID: AP PZ-1

Date Collected: 11/18/25 11:30
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-16

Matrix: Water

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	7.01		4.00	4.00	mg/L			11/21/25 15:13	1
Total Dissolved Solids (SM 2540C)	5680		20.0	20.0	mg/L			11/21/25 10:05	1
pH (SM 4500 H+ B)	4.8	HF			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	19.9	HF			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	38.0		20.3	20.7	50.0	25.0	pCi/L	11/21/25 09:31	12/12/25 13:42	1
Radium-228	14.5	U	28.3	28.3	50.0	43.3	pCi/L	11/21/25 09:31	12/12/25 13:42	1
Combined Radium 226 + 228	52.6		34.8	35.1		43.3	pCi/L	11/21/25 09:31	12/12/25 13:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.26		0.373	0.425	1.00	0.175	pCi/L	11/21/25 07:38	12/15/25 21:08	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:08*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	8.83		1.18	1.43	1.00	0.816	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*75.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Client Sample ID: AP MW-5D

Date Collected: 11/18/25 11:35
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-17

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	3.60		0.500	0.100	mg/L			11/25/25 22:21	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1730		5.00	2.50	mg/L			11/25/25 22:28	10
Sulfate	3120		5.00	2.00	mg/L			11/25/25 22:28	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.15		0.0500	0.0162	mg/L		11/24/25 00:10	11/24/25 11:16	1
Calcium	640		10.0	5.08	mg/L		11/24/25 00:10	11/24/25 11:24	50
Magnesium	173		0.200	0.0445	mg/L		11/24/25 00:10	11/24/25 11:16	1
Potassium	70.8		0.500	0.106	mg/L		11/24/25 00:10	11/24/25 11:16	1

Client Sample ID: AP MW-5D

Date Collected: 11/18/25 11:35
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-17

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	**1270**		25.0	7.59	mg/L		11/24/25 00:10	11/24/25 11:24	50
Lithium	**1.00**		0.0400	0.0174	mg/L		11/24/25 00:10	11/24/25 11:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**26.5**		0.100	0.0275	mg/L		11/24/25 11:30	11/25/25 16:50	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:47	1
Arsenic	**0.0137**		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:47	1
Barium	**0.0120**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:47	1
Beryllium	**0.130**		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:47	1
Cadmium	**0.00252**		0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:47	1
Chromium	**0.000633**	**J**	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:47	1
Cobalt	**0.0475**		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:47	1
Iron	**6.68**		0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:47	1
Lead	**0.000652**	**J**	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 16:47	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:47	1
Selenium	**0.0774**		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:47	1
Thallium	**0.000722**	**J**	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 16:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 20:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/21/25 17:06	1
Total Dissolved Solids (SM 2540C)	**6200**		20.0	20.0	mg/L			11/21/25 10:05	1
pH (SM 4500 H+ B)	**4.0**	**HF**			SU			11/21/25 11:32	1
Temperature (SM 4500 H+ B)	**19.9**	**HF**			Celsius			11/21/25 11:32	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.95	U G	15.2	15.2	50.0	53.0	pCi/L	11/21/25 09:31	12/12/25 13:41	1
Radium-228	10.9	U G	25.3	25.3	50.0	53.3	pCi/L	11/21/25 09:31	12/12/25 13:41	1
Combined Radium 226 + 228	13.8	U	29.5	29.5		53.3	pCi/L	11/21/25 09:31	12/12/25 13:41	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.964**		0.250	0.265	1.00	0.198	pCi/L	11/21/25 07:38	12/15/25 21:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:17*	*1*

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Client Sample ID: AP MW-5D

Date Collected: 11/18/25 11:35
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-17

Matrix: Water

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.92		0.888	0.997	1.00	0.739	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.9*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*75.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
870-41696-1	SSP MW-4S	90.5
870-41696-2	FD3	85.7
870-41696-3	SSP MW-6S	91.3
870-41696-4	SSP MW-5S	81.5
870-41696-5	FD4	84.0
870-41696-6	AP PZ-4S	84.0
870-41696-7	EB2	77.9
870-41696-8	SSP MW-3D	90.5
870-41696-9	SSP MW-2D	87.7
870-41696-10	SSP MW-6D	90.8
870-41696-11	SSP MW-5D	51.8
870-41696-12	AP MW-1D	82.6
870-41696-13	AP MW-7S	88.5
870-41696-14	AP MW-1	78.2
870-41696-15	AP MW-4S	89.6
870-41696-16	AP PZ-1	84.9
870-41696-17	AP MW-5D	89.9
LCS 160-746315/2-A	Lab Control Sample	82.1
LCSD 160-746315/3-A	Lab Control Sample Dup	87.1
MB 160-746315/1-A	Method Blank	84.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
870-41696-1	SSP MW-4S	90.5	84.5
870-41696-2	FD3	85.7	83.0
870-41696-3	SSP MW-6S	91.3	83.4
870-41696-4	SSP MW-5S	81.5	80.0
870-41696-5	FD4	84.0	80.7
870-41696-6	AP PZ-4S	84.0	75.1
870-41696-7	EB2	77.9	75.5
870-41696-8	SSP MW-3D	90.5	81.1
870-41696-9	SSP MW-2D	87.7	80.7
870-41696-10	SSP MW-6D	90.8	72.5
870-41696-11	SSP MW-5D	51.8	75.5
870-41696-12	AP MW-1D	82.6	80.0
870-41696-13	AP MW-7S	88.5	79.6
870-41696-14	AP MW-1	78.2	78.1
870-41696-15	AP MW-4S	89.6	82.6
870-41696-16	AP PZ-1	84.9	75.5
870-41696-17	AP MW-5D	89.9	75.5
LCS 160-746323/2-A	Lab Control Sample	82.1	81.5
LCSD 160-746323/3-A	Lab Control Sample Dup	87.1	85.6
MB 160-746323/1-A	Method Blank	84.6	78.1

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-277884/60
Matrix: Water
Analysis Batch: 277884

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			11/24/25 20:12	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/24/25 20:12	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/24/25 20:12	1

Lab Sample ID: LCS 860-277884/61
Matrix: Water
Analysis Batch: 277884

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.003		mg/L		90	90 - 110
Fluoride	10.0	10.46		mg/L		105	90 - 110
Sulfate	10.0	8.984		mg/L		90	90 - 110

Lab Sample ID: LCSD 860-277884/62
Matrix: Water
Analysis Batch: 277884

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.135		mg/L		91	90 - 110	1	20
Fluoride	10.0	10.16		mg/L		102	90 - 110	3	20
Sulfate	10.0	9.583		mg/L		96	90 - 110	6	20

Lab Sample ID: LLCS 860-277884/64
Matrix: Water
Analysis Batch: 277884

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4591	J	mg/L		92	50 - 150
Fluoride	0.500	0.4120	J	mg/L		82	50 - 150
Sulfate	0.500	0.4572	J	mg/L		91	50 - 150

Lab Sample ID: 870-41696-10 MS
Matrix: Water
Analysis Batch: 277884

Client Sample ID: SSP MW-6D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.100	U	10.0	10.26		mg/L		103	90 - 110

Lab Sample ID: 870-41696-10 MSD
Matrix: Water
Analysis Batch: 277884

Client Sample ID: SSP MW-6D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.100	U	10.0	10.35		mg/L		103	90 - 110	1	15

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-278310/3
Matrix: Water
Analysis Batch: 278310

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			11/25/25 17:19	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 17:19	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/25/25 17:19	1

Lab Sample ID: LCS 860-278310/4
Matrix: Water
Analysis Batch: 278310

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			10.0	9.990		mg/L		100	90 - 110		
Fluoride			10.0	9.707		mg/L		97	90 - 110		
Sulfate			10.0	9.369		mg/L		94	90 - 110		

Lab Sample ID: LCSD 860-278310/5
Matrix: Water
Analysis Batch: 278310

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.910		mg/L		99	90 - 110	1	20
Fluoride			10.0	9.707		mg/L		97	90 - 110	0	20
Sulfate			10.0	9.313		mg/L		93	90 - 110	1	20

Lab Sample ID: 870-41696-14 MS
Matrix: Water
Analysis Batch: 278310

Client Sample ID: AP MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	225		10.0	232.1	4	mg/L		75	90 - 110		
Fluoride	0.171	J F1	10.0	10.99		mg/L		108	90 - 110		

Lab Sample ID: 870-41696-14 MSD
Matrix: Water
Analysis Batch: 278310

Client Sample ID: AP MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	225		10.0	235.7	4	mg/L		110	90 - 110	2	15
Fluoride	0.171	J F1	10.0	11.23	F1	mg/L		111	90 - 110	2	15

Lab Sample ID: 870-41696-16 MS
Matrix: Water
Analysis Batch: 278310

Client Sample ID: AP PZ-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Fluoride	0.169	J	10.0	9.938		mg/L		98	90 - 110		

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 870-41696-16 MSD
Matrix: Water
Analysis Batch: 278310

Client Sample ID: AP PZ-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.169	J	10.0	9.916		mg/L		97	90 - 110	0	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-277808/1-A
Matrix: Water
Analysis Batch: 278015

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277808

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/24/25 00:10	11/24/25 10:50	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/24/25 00:10	11/24/25 10:50	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/24/25 00:10	11/24/25 10:50	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/24/25 00:10	11/24/25 10:50	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/24/25 00:10	11/24/25 10:50	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/24/25 00:10	11/24/25 10:50	1

Lab Sample ID: LCS 860-277808/2-A
Matrix: Water
Analysis Batch: 278015

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277808

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.020		mg/L		102	80 - 120
Calcium	25.0	26.10		mg/L		104	80 - 120
Magnesium	25.0	26.00		mg/L		104	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Sodium	25.0	25.20		mg/L		101	80 - 120
Lithium	1.00	0.9770		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-277808/3-A
Matrix: Water
Analysis Batch: 278015

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277808

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.020		mg/L		102	80 - 120	0	20
Calcium	25.0	26.00		mg/L		104	80 - 120	0	20
Magnesium	25.0	25.90		mg/L		104	80 - 120	0	20
Potassium	10.0	10.00		mg/L		100	80 - 120	1	20
Sodium	25.0	25.10		mg/L		100	80 - 120	0	20
Lithium	1.00	0.9720		mg/L		97	80 - 120	1	20

Lab Sample ID: 870-41696-6 MS
Matrix: Water
Analysis Batch: 278015

Client Sample ID: AP PZ-4S
Prep Type: Total/NA
Prep Batch: 277808

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.01	F1	1.00	1.750	F1	mg/L		74	75 - 125
Calcium	756		25.0	683.0	4	mg/L		-292	75 - 125
Magnesium	147		25.0	148.0	4	mg/L		4	75 - 125
Potassium	96.3		10.0	92.60	4	mg/L		-37	75 - 125
Sodium	1150		25.0	1020	4	mg/L		-520	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 870-41696-6 MS
Matrix: Water
Analysis Batch: 278015

Client Sample ID: AP PZ-4S
Prep Type: Total/NA
Prep Batch: 277808

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Lithium	0.811		1.00	1.660		mg/L		85	75 - 125

Lab Sample ID: 870-41696-6 MSD
Matrix: Water
Analysis Batch: 278015

Client Sample ID: AP PZ-4S
Prep Type: Total/NA
Prep Batch: 277808

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.01	F1	1.00	1.970		mg/L		96	75 - 125	12	20
Calcium	756		25.0	772.0	4	mg/L		64	75 - 125	12	20
Magnesium	147		25.0	169.0	4	mg/L		88	75 - 125	13	20
Potassium	96.3		10.0	107.0	4	mg/L		107	75 - 125	14	20
Sodium	1150		25.0	1160	4	mg/L		40	75 - 125	13	20
Lithium	0.811		1.00	1.850		mg/L		104	75 - 125	11	20

Lab Sample ID: MB 860-277437/25-B
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277856

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/24/25 09:07	11/24/25 17:38	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/24/25 09:07	11/24/25 17:38	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/24/25 09:07	11/24/25 17:38	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/24/25 09:07	11/24/25 17:38	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/24/25 09:07	11/24/25 17:38	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/24/25 09:07	11/24/25 17:38	1

Lab Sample ID: LCS 860-277437/26-B
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277856

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.010		mg/L		101	80 - 120
Calcium	25.0	25.60		mg/L		102	80 - 120
Magnesium	25.0	24.60		mg/L		98	80 - 120
Potassium	10.0	9.670		mg/L		97	80 - 120
Sodium	25.0	24.30		mg/L		97	80 - 120
Lithium	1.00	0.9830		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-277437/27-B
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277856

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.010		mg/L		101	80 - 120	0	20
Calcium	25.0	25.70		mg/L		103	80 - 120	0	20
Magnesium	25.0	24.70		mg/L		99	80 - 120	0	20
Potassium	10.0	9.680		mg/L		97	80 - 120	0	20
Sodium	25.0	24.30		mg/L		97	80 - 120	0	20
Lithium	1.00	0.9750		mg/L		98	80 - 120	1	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 870-41696-2 MS
Matrix: Water
Analysis Batch: 278138

Client Sample ID: FD3
Prep Type: Total/NA
Prep Batch: 277856

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	11.6		1.00	12.10	4	mg/L		50	75 - 125
Calcium	503		25.0	502.0	4	mg/L		-4	75 - 125
Magnesium	235		25.0	249.0	4	mg/L		56	75 - 125
Potassium	38.8		10.0	47.90		mg/L		91	75 - 125
Sodium	453		25.0	455.0	4	mg/L		8	75 - 125
Lithium	0.284		1.00	1.290		mg/L		101	75 - 125

Lab Sample ID: 870-41696-2 MSD
Matrix: Water
Analysis Batch: 278138

Client Sample ID: FD3
Prep Type: Total/NA
Prep Batch: 277856

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	11.6		1.00	11.90	4	mg/L		30	75 - 125	2	20
Calcium	503		25.0	496.0	4	mg/L		-28	75 - 125	1	20
Magnesium	235		25.0	246.0	4	mg/L		44	75 - 125	1	20
Potassium	38.8		10.0	47.10		mg/L		83	75 - 125	2	20
Sodium	453		25.0	450.0	4	mg/L		-12	75 - 125	1	20
Lithium	0.284		1.00	1.260		mg/L		98	75 - 125	2	20

Lab Sample ID: MB 860-277922/1-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 19:04	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/24/25 11:33	11/24/25 19:04	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 19:04	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/24/25 11:33	11/24/25 19:04	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/24/25 11:33	11/24/25 19:04	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 19:04	1

Lab Sample ID: LCS 860-277922/2-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.010		mg/L		101	80 - 120
Calcium	25.0	25.70		mg/L		103	80 - 120
Magnesium	25.0	24.70		mg/L		99	80 - 120
Potassium	10.0	9.660		mg/L		97	80 - 120
Sodium	25.0	24.20		mg/L		97	80 - 120
Lithium	1.00	0.9810		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-277922/3-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.010		mg/L		101	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-277922/3-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	25.70		mg/L		103	80 - 120	0	20
Magnesium	25.0	24.60		mg/L		98	80 - 120	0	20
Potassium	10.0	9.670		mg/L		97	80 - 120	0	20
Sodium	25.0	24.20		mg/L		97	80 - 120	0	20
Lithium	1.00	0.9700		mg/L		97	80 - 120	1	20

Lab Sample ID: MB 860-278581/1-A
Matrix: Water
Analysis Batch: 279026

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278581

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/26/25 12:42	12/01/25 13:06	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/26/25 12:42	12/01/25 13:06	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/26/25 12:42	12/01/25 13:06	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/26/25 12:42	12/01/25 13:06	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/26/25 12:42	12/01/25 13:06	1
Lithium	0.01800	J	0.0400	0.0174	mg/L		11/26/25 12:42	12/01/25 13:06	1

Lab Sample ID: LCS 860-278581/2-A
Matrix: Water
Analysis Batch: 279026

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278581

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.000		mg/L		100	80 - 120
Calcium	25.0	26.10		mg/L		104	80 - 120
Magnesium	25.0	25.40		mg/L		102	80 - 120
Potassium	10.0	10.20		mg/L		102	80 - 120
Sodium	25.0	25.50		mg/L		102	80 - 120
Lithium	1.00	0.9840		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-278581/3-A
Matrix: Water
Analysis Batch: 279026

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278581

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.000		mg/L		100	80 - 120	0	20
Calcium	25.0	26.10		mg/L		104	80 - 120	0	20
Magnesium	25.0	25.30		mg/L		101	80 - 120	0	20
Potassium	10.0	10.20		mg/L		102	80 - 120	0	20
Sodium	25.0	25.50		mg/L		102	80 - 120	0	20
Lithium	1.00	0.9900		mg/L		99	80 - 120	1	20

Lab Sample ID: LB 860-277711/1-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278151

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.176	U	1.00	0.176	mg/L		11/25/25 09:21	11/25/25 17:46	1
Antimony	0.07550	J	0.100	0.0402	mg/L		11/25/25 09:21	11/25/25 17:46	1
Arsenic	<0.0325	U	0.0500	0.0325	mg/L		11/25/25 09:21	11/25/25 17:46	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 860-277711/1-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278151

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00625	U	0.0500	0.00625	mg/L		11/25/25 09:21	11/25/25 17:46	1
Beryllium	<0.00535	U	0.0200	0.00535	mg/L		11/25/25 09:21	11/25/25 17:46	1
Boron	<0.0809	U	0.250	0.0809	mg/L		11/25/25 09:21	11/25/25 17:46	1
Cadmium	<0.00416	U	0.0250	0.00416	mg/L		11/25/25 09:21	11/25/25 17:46	1
Calcium	<0.508	U	1.00	0.508	mg/L		11/25/25 09:21	11/25/25 17:46	1
Chromium	<0.0108	U	0.0500	0.0108	mg/L		11/25/25 09:21	11/25/25 17:46	1
Cobalt	<0.00615	U	0.0500	0.00615	mg/L		11/25/25 09:21	11/25/25 17:46	1
Iron	<0.141	U	1.00	0.141	mg/L		11/25/25 09:21	11/25/25 17:46	1
Lead	<0.0184	U	0.0500	0.0184	mg/L		11/25/25 09:21	11/25/25 17:46	1
Magnesium	<0.222	U	1.00	0.222	mg/L		11/25/25 09:21	11/25/25 17:46	1
Molybdenum	0.01690	J	0.0500	0.0130	mg/L		11/25/25 09:21	11/25/25 17:46	1
Potassium	<0.530	U	2.50	0.530	mg/L		11/25/25 09:21	11/25/25 17:46	1
Selenium	<0.0464	U	0.150	0.0464	mg/L		11/25/25 09:21	11/25/25 17:46	1
Sodium	<0.759	U	2.50	0.759	mg/L		11/25/25 09:21	11/25/25 17:46	1
Thallium	<0.0551	U	0.100	0.0551	mg/L		11/25/25 09:21	11/25/25 17:46	1
Li	0.09200	J	0.200	0.0868	mg/L		11/25/25 09:21	11/25/25 17:46	1

Lab Sample ID: MB 860-277436/6-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		11/25/25 09:21	11/25/25 17:40	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		11/25/25 09:21	11/25/25 17:40	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		11/25/25 09:21	11/25/25 17:40	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		11/25/25 09:21	11/25/25 17:40	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		11/25/25 09:21	11/25/25 17:40	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/25/25 09:21	11/25/25 17:40	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		11/25/25 09:21	11/25/25 17:40	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/25/25 09:21	11/25/25 17:40	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		11/25/25 09:21	11/25/25 17:40	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		11/25/25 09:21	11/25/25 17:40	1
Iron	<0.0283	U	0.200	0.0283	mg/L		11/25/25 09:21	11/25/25 17:40	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		11/25/25 09:21	11/25/25 17:40	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/25/25 09:21	11/25/25 17:40	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		11/25/25 09:21	11/25/25 17:40	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/25/25 09:21	11/25/25 17:40	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		11/25/25 09:21	11/25/25 17:40	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/25/25 09:21	11/25/25 17:40	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		11/25/25 09:21	11/25/25 17:40	1
Li	0.02330	J	0.0400	0.0174	mg/L		11/25/25 09:21	11/25/25 17:40	1

Lab Sample ID: LCS 860-277436/7-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 278151

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			5.00	5.050		mg/L		101	80 - 120		
Antimony			1.00	0.8610		mg/L		86	80 - 120		

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-277436/7-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 278151

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	1.00	1.030		mg/L		103	80 - 120
Barium	1.00	1.040		mg/L		104	80 - 120
Beryllium	1.00	1.040		mg/L		104	80 - 120
Boron	1.00	1.010		mg/L		101	80 - 120
Cadmium	1.00	0.9970		mg/L		100	80 - 120
Calcium	25.0	25.00		mg/L		100	80 - 120
Chromium	1.00	1.020		mg/L		102	80 - 120
Cobalt	1.00	1.020		mg/L		102	80 - 120
Iron	5.00	5.100		mg/L		102	80 - 120
Lead	1.00	1.010		mg/L		101	80 - 120
Magnesium	25.0	24.20		mg/L		97	80 - 120
Molybdenum	1.00	0.9910		mg/L		99	80 - 120
Potassium	10.0	9.750		mg/L		98	80 - 120
Selenium	1.00	1.050		mg/L		105	80 - 120
Sodium	25.0	24.70		mg/L		99	80 - 120
Thallium	1.00	1.050		mg/L		105	80 - 120
Li	1.00	0.9550		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-277436/8-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 278151

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	5.050		mg/L		101	80 - 120	0	20
Antimony	1.00	0.9260		mg/L		93	80 - 120	7	20
Arsenic	1.00	1.030		mg/L		103	80 - 120	0	20
Barium	1.00	1.040		mg/L		104	80 - 120	0	20
Beryllium	1.00	1.040		mg/L		104	80 - 120	0	20
Boron	1.00	1.010		mg/L		101	80 - 120	0	20
Cadmium	1.00	0.9970		mg/L		100	80 - 120	0	20
Calcium	25.0	25.00		mg/L		100	80 - 120	0	20
Chromium	1.00	1.020		mg/L		102	80 - 120	0	20
Cobalt	1.00	1.010		mg/L		101	80 - 120	1	20
Iron	5.00	5.100		mg/L		102	80 - 120	0	20
Lead	1.00	1.010		mg/L		101	80 - 120	0	20
Magnesium	25.0	24.20		mg/L		97	80 - 120	0	20
Molybdenum	1.00	1.010		mg/L		101	80 - 120	2	20
Potassium	10.0	9.770		mg/L		98	80 - 120	0	20
Selenium	1.00	1.080		mg/L		108	80 - 120	3	20
Sodium	25.0	24.70		mg/L		99	80 - 120	0	20
Thallium	1.00	1.050		mg/L		105	80 - 120	0	20
Li	1.00	0.9540		mg/L		95	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-277809/1-A
Matrix: Water
Analysis Batch: 278112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277809

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 00:12	11/24/25 19:19	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 00:12	11/24/25 19:19	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 00:12	11/24/25 19:19	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/24/25 00:12	11/24/25 19:19	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 00:12	11/24/25 19:19	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 00:12	11/24/25 19:19	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 00:12	11/24/25 19:19	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 00:12	11/24/25 19:19	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/24/25 00:12	11/24/25 19:19	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 00:12	11/24/25 19:19	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 00:12	11/24/25 19:19	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 00:12	11/24/25 19:19	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 00:12	11/24/25 19:19	1

Lab Sample ID: LCS 860-277809/2-A
Matrix: Water
Analysis Batch: 278112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277809

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4830		mg/L		97	80 - 120
Antimony	0.100	0.09422		mg/L		94	80 - 120
Arsenic	0.100	0.1023		mg/L		102	80 - 120
Barium	0.100	0.09750		mg/L		98	80 - 120
Beryllium	0.100	0.1012		mg/L		101	80 - 120
Cadmium	0.100	0.09818		mg/L		98	80 - 120
Chromium	0.100	0.1033		mg/L		103	80 - 120
Cobalt	0.100	0.1033		mg/L		103	80 - 120
Iron	0.500	0.5073		mg/L		101	80 - 120
Lead	0.100	0.1009		mg/L		101	80 - 120
Molybdenum	0.100	0.1005		mg/L		101	80 - 120
Selenium	0.100	0.09781		mg/L		98	80 - 120
Thallium	0.100	0.1034		mg/L		103	80 - 120

Lab Sample ID: LCSD 860-277809/3-A
Matrix: Water
Analysis Batch: 278112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277809

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4881		mg/L		98	80 - 120	1	20
Antimony	0.100	0.09536		mg/L		95	80 - 120	1	20
Arsenic	0.100	0.1025		mg/L		102	80 - 120	0	20
Barium	0.100	0.09924		mg/L		99	80 - 120	2	20
Beryllium	0.100	0.09437		mg/L		94	80 - 120	7	20
Cadmium	0.100	0.09855		mg/L		99	80 - 120	0	20
Chromium	0.100	0.1039		mg/L		104	80 - 120	1	20
Cobalt	0.100	0.1034		mg/L		103	80 - 120	0	20
Iron	0.500	0.5107		mg/L		102	80 - 120	1	20
Lead	0.100	0.1008		mg/L		101	80 - 120	0	20
Molybdenum	0.100	0.1011		mg/L		101	80 - 120	1	20

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

Lab Sample ID: LCSD 860-277809/3-A
Matrix: Water
Analysis Batch: 278112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277809

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium			0.100	0.09801		mg/L		98	80 - 120	0	20
Thallium			0.100	0.1041		mg/L		104	80 - 120	1	20

Lab Sample ID: 870-41696-3 MS
Matrix: Water
Analysis Batch: 278112

Client Sample ID: SSP MW-6S
Prep Type: Total/NA
Prep Batch: 277809

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.619		0.500	1.200		mg/L		116	75 - 125
Antimony	<0.000750	U	0.100	0.08407		mg/L		84	75 - 125
Arsenic	0.00174	J	0.100	0.08598		mg/L		84	75 - 125
Barium	0.0161		0.100	0.1013		mg/L		85	75 - 125
Beryllium	0.0601		0.100	0.1463		mg/L		86	75 - 125
Cadmium	<0.000240	U F1	0.100	0.07264	F1	mg/L		73	75 - 125
Chromium	<0.000560	U	0.100	0.09104		mg/L		91	75 - 125
Cobalt	0.0137		0.100	0.09989		mg/L		86	75 - 125
Iron	7.76		0.500	8.516	4	mg/L		150	75 - 125
Lead	<0.000367	U	0.100	0.1001		mg/L		100	75 - 125
Molybdenum	<0.000255	U	0.100	0.09153		mg/L		92	75 - 125
Selenium	<0.000590	U F1	0.100	0.07084	F1	mg/L		71	75 - 125
Thallium	<0.000415	U	0.100	0.1037		mg/L		104	75 - 125

Lab Sample ID: 870-41696-3 MSD
Matrix: Water
Analysis Batch: 278112

Client Sample ID: SSP MW-6S
Prep Type: Total/NA
Prep Batch: 277809

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.619		0.500	1.182		mg/L		113	75 - 125	2	20
Antimony	<0.000750	U	0.100	0.08224		mg/L		82	75 - 125	2	20
Arsenic	0.00174	J	0.100	0.08523		mg/L		83	75 - 125	1	20
Barium	0.0161		0.100	0.1016		mg/L		85	75 - 125	0	20
Beryllium	0.0601		0.100	0.1437		mg/L		84	75 - 125	2	20
Cadmium	<0.000240	U F1	0.100	0.07274	F1	mg/L		73	75 - 125	0	20
Chromium	<0.000560	U	0.100	0.09120		mg/L		91	75 - 125	0	20
Cobalt	0.0137		0.100	0.09920		mg/L		86	75 - 125	1	20
Iron	7.76		0.500	8.191	4	mg/L		85	75 - 125	4	20
Lead	<0.000367	U	0.100	0.1015		mg/L		102	75 - 125	1	20
Molybdenum	<0.000255	U	0.100	0.08962		mg/L		90	75 - 125	2	20
Selenium	<0.000590	U F1	0.100	0.07049	F1	mg/L		70	75 - 125	0	20
Thallium	<0.000415	U	0.100	0.1069		mg/L		107	75 - 125	3	20

Lab Sample ID: MB 860-277921/1-A
Matrix: Water
Analysis Batch: 278384

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 15:27	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 15:27	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 15:27	1

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

Lab Sample ID: MB 860-277921/1-A
Matrix: Water
Analysis Batch: 278384

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 15:27	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 15:27	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 15:27	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 15:27	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 15:27	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 15:27	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 15:27	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 15:27	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 15:27	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 15:27	1

Lab Sample ID: LCS 860-277921/2-A
Matrix: Water
Analysis Batch: 278384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277921

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			0.500	0.5228		mg/L		105	80 - 120		
Antimony			0.100	0.1068		mg/L		107	80 - 120		
Arsenic			0.100	0.1017		mg/L		102	80 - 120		
Barium			0.100	0.1045		mg/L		104	80 - 120		
Beryllium			0.100	0.09645		mg/L		96	80 - 120		
Cadmium			0.100	0.1033		mg/L		103	80 - 120		
Chromium			0.100	0.1059		mg/L		106	80 - 120		
Cobalt			0.100	0.1054		mg/L		105	80 - 120		
Iron			0.500	0.5241		mg/L		105	80 - 120		
Lead			0.100	0.1039		mg/L		104	80 - 120		
Molybdenum			0.100	0.1032		mg/L		103	80 - 120		
Selenium			0.100	0.09218		mg/L		92	80 - 120		
Thallium			0.100	0.1067		mg/L		107	80 - 120		

Lab Sample ID: LCSD 860-277921/3-A
Matrix: Water
Analysis Batch: 278384

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277921

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.5153		mg/L		103	80 - 120	1	20
Antimony			0.100	0.1077		mg/L		108	80 - 120	1	20
Arsenic			0.100	0.1024		mg/L		102	80 - 120	1	20
Barium			0.100	0.1059		mg/L		106	80 - 120	1	20
Beryllium			0.100	0.09893		mg/L		99	80 - 120	3	20
Cadmium			0.100	0.1048		mg/L		105	80 - 120	1	20
Chromium			0.100	0.1059		mg/L		106	80 - 120	0	20
Cobalt			0.100	0.1054		mg/L		105	80 - 120	0	20
Iron			0.500	0.5256		mg/L		105	80 - 120	0	20
Lead			0.100	0.1043		mg/L		104	80 - 120	0	20
Molybdenum			0.100	0.1042		mg/L		104	80 - 120	1	20
Selenium			0.100	0.09193		mg/L		92	80 - 120	0	20
Thallium			0.100	0.1063		mg/L		106	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-277186/1-C
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277524

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 17:58	1

Lab Sample ID: MB 860-277524/10-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 17:54	1

Lab Sample ID: LCS 860-277524/11-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277524

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001955		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-277524/12-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277524

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001956		mg/L		98	80 - 120	0	20

Lab Sample ID: LB 860-277142/1-D
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277586

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:53	11/21/25 18:47	1

Lab Sample ID: MB 860-277586/1-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277586

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:53	11/21/25 18:40	1

Lab Sample ID: LCS 860-277586/2-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001968		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-277586/3-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277586

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001915		mg/L		96	80 - 120	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-277153/1-F
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277587

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 19:36	1

Lab Sample ID: MB 860-277587/1-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277587

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 13:57	11/21/25 19:29	1

Lab Sample ID: LCS 860-277587/2-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277587

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002006		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-277587/3-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277587

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001998		mg/L		100	80 - 120	0	20

Lab Sample ID: MB 860-278676/10-A
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/26/25 17:04	11/26/25 22:09	1

Lab Sample ID: LCS 860-278676/11-A
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278676

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001785		mg/L		89	80 - 120

Lab Sample ID: LCSD 860-278676/12-A
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278676

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001786		mg/L		89	80 - 120	0	20

Lab Sample ID: LB 860-278039/1-E
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278676

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/26/25 17:04	11/26/25 22:13	1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-277820/3
Matrix: Water
Analysis Batch: 277820

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/21/25 10:41	1

Lab Sample ID: MB 860-277820/62
Matrix: Water
Analysis Batch: 277820

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/21/25 15:51	1

Lab Sample ID: LCS 860-277820/4
Matrix: Water
Analysis Batch: 277820

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	242.2		mg/L		97	85 - 115		

Lab Sample ID: LCS 860-277820/63
Matrix: Water
Analysis Batch: 277820

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	241.4		mg/L		97	85 - 115		

Lab Sample ID: LCSD 860-277820/5
Matrix: Water
Analysis Batch: 277820

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	243.0		mg/L		97	85 - 115	0	20

Lab Sample ID: LCSD 860-277820/64
Matrix: Water
Analysis Batch: 277820

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	242.6		mg/L		97	85 - 115	1	20

Lab Sample ID: 870-41696-5 DU
Matrix: Water
Analysis Batch: 277820

Client Sample ID: FD4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	186			185.4		mg/L				0.5	20

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

Lab Sample ID: MB 870-33731/1
Matrix: Water
Analysis Batch: 33731

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	<2.50	U	2.50	2.50	mg/L			11/20/25 16:04	1

Lab Sample ID: LCS 870-33731/2
Matrix: Water
Analysis Batch: 33731

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			1000	1015		mg/L		102	80 - 120		

Lab Sample ID: LCSD 870-33731/3
Matrix: Water
Analysis Batch: 33731

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	960.0		mg/L		96	80 - 120	6	10

Lab Sample ID: MB 870-33750/1
Matrix: Water
Analysis Batch: 33750

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	<2.50	U	2.50	2.50	mg/L			11/21/25 10:05	1

Lab Sample ID: LCS 870-33750/2
Matrix: Water
Analysis Batch: 33750

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			1000	963.0		mg/L		96	80 - 120		

Lab Sample ID: LCSD 870-33750/3
Matrix: Water
Analysis Batch: 33750

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	900.0		mg/L		90	80 - 120	7	10

Lab Sample ID: 870-41696-15 DU
Matrix: Water
Analysis Batch: 33750

Client Sample ID: AP MW-4S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1170			1205		mg/L				3	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-41696-10 DU
Matrix: Water
Analysis Batch: 33752

Client Sample ID: SSP MW-6D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	6.5	HF	6.5		SU		0.2	20
Temperature	20.1	HF	20.1		Celsius		0	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-746339/1-A
Matrix: Water
Analysis Batch: 749146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746339

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.216	U G	12.9	12.9	50.0	55.6	pCi/L	11/21/25 09:31	12/12/25 01:23	1
Radium-228	11.48	U	34.6	34.6	50.0	47.1	pCi/L	11/21/25 09:31	12/12/25 01:23	1
Combined Radium 226 + 228	13.70	U	36.9	36.9		55.6	pCi/L	11/21/25 09:31	12/12/25 01:23	1

Lab Sample ID: LCS 160-746339/2-A
Matrix: Water
Analysis Batch: 749147

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746339

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	142100		14600		427	pCi/L	100	75 - 125
Cesium-137	37500	37160		3640		178	pCi/L	99	75 - 125
Cobalt-60	50000	50400		4920		153	pCi/L	101	75 - 125

Lab Sample ID: 870-41696-1 DU
Matrix: Water
Analysis Batch: 749146

Client Sample ID: SSP MW-4S
Prep Type: Total/NA
Prep Batch: 746339

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	11.2	U G	-9.637	U G	35.2	50.0	60.7	pCi/L	0.38	1
Radium-228	14.9	U G	9.473	U G	22.4	50.0	56.8	pCi/L	0.09	1
Combined Radium 226 + 228	26.1	U	-0.1636	U	41.7		60.7	pCi/L	0.31	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-746315/1-A
Matrix: Water
Analysis Batch: 749247

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746315

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01592	U	0.0514	0.0514	1.00	0.103	pCi/L	11/21/25 07:38	12/15/25 21:03	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:03*	*1*

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: LCS 160-746315/2-A
Matrix: Water
Analysis Batch: 749247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746315

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	7.613		0.874	1.00	0.0990	pCi/L	80	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.1*		*30 - 110*

Lab Sample ID: LCSD 160-746315/3-A
Matrix: Water
Analysis Batch: 749247

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 746315

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.57	8.307		0.931	1.00	0.0935	pCi/L	87	75 - 125	0.38	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.1*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-746323/1-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746323

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4814	U	0.452	0.454	1.00	0.722	pCi/L	11/21/25 07:50	12/12/25 09:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:51*	*1*
Y Carrier	*78.1*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:51*	*1*

Lab Sample ID: LCS 160-746323/2-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746323

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.86	10.75		1.52	1.00	0.744	pCi/L	137	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.1*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCSD 160-746323/3-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 746323

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			7.86	10.01		1.39	1.00	0.682	pCi/L	127	75 - 125	0.26	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.1*		*30 - 110*
Y Carrier	*85.6*		*30 - 110*

HPLC/IC

Analysis Batch: 277884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-5	FD4	Total/NA	Water	9056A	
870-41696-6	AP PZ-4S	Total/NA	Water	9056A	
870-41696-10	SSP MW-6D	Total/NA	Water	9056A	
870-41696-10	SSP MW-6D	Total/NA	Water	9056A	
870-41696-11	SSP MW-5D	Total/NA	Water	9056A	
870-41696-11	SSP MW-5D	Total/NA	Water	9056A	
870-41696-12	AP MW-1D	Total/NA	Water	9056A	
870-41696-13	AP MW-7S	Total/NA	Water	9056A	
870-41696-13	AP MW-7S	Total/NA	Water	9056A	
MB 860-277884/60	Method Blank	Total/NA	Water	9056A	
LCS 860-277884/61	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-277884/62	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-277884/64	Lab Control Sample	Total/NA	Water	9056A	
870-41696-10 MS	SSP MW-6D	Total/NA	Water	9056A	
870-41696-10 MSD	SSP MW-6D	Total/NA	Water	9056A	

Analysis Batch: 278310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	9056A	
870-41696-1 - DL	SSP MW-4S	Total/NA	Water	9056A	
870-41696-2	FD3	Total/NA	Water	9056A	
870-41696-2 - DL	FD3	Total/NA	Water	9056A	
870-41696-3	SSP MW-6S	Total/NA	Water	9056A	
870-41696-3 - DL	SSP MW-6S	Total/NA	Water	9056A	
870-41696-4	SSP MW-5S	Total/NA	Water	9056A	
870-41696-4 - DL	SSP MW-5S	Total/NA	Water	9056A	
870-41696-7	EB2	Total/NA	Water	9056A	
870-41696-8	SSP MW-3D	Total/NA	Water	9056A	
870-41696-8 - DL	SSP MW-3D	Total/NA	Water	9056A	
870-41696-9	SSP MW-2D	Total/NA	Water	9056A	
870-41696-14	AP MW-1	Total/NA	Water	9056A	
870-41696-14 - DL	AP MW-1	Total/NA	Water	9056A	
870-41696-15	AP MW-4S	Total/NA	Water	9056A	
870-41696-15 - DL	AP MW-4S	Total/NA	Water	9056A	
870-41696-16	AP PZ-1	Total/NA	Water	9056A	
870-41696-16 - DL	AP PZ-1	Total/NA	Water	9056A	
870-41696-17	AP MW-5D	Total/NA	Water	9056A	
870-41696-17 - DL	AP MW-5D	Total/NA	Water	9056A	
MB 860-278310/3	Method Blank	Total/NA	Water	9056A	
LCS 860-278310/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-278310/5	Lab Control Sample Dup	Total/NA	Water	9056A	
870-41696-14 MS	AP MW-1	Total/NA	Water	9056A	
870-41696-14 MSD	AP MW-1	Total/NA	Water	9056A	
870-41696-16 MS	AP PZ-1	Total/NA	Water	9056A	
870-41696-16 MSD	AP PZ-1	Total/NA	Water	9056A	

Metals

Leach Batch: 277142

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-277142/1-D	Method Blank	Total/NA	Water	1311	

Metals

Leach Batch: 277153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-277153/1-F	Method Blank	Total/NA	Water	1311	

Leach Batch: 277186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-277186/1-C	Method Blank	Total/NA	Water	1311	

Filtration Batch: 277436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-277436/6-B	Method Blank	Dissolved	Water	Filtration	
LCS 860-277436/7-B	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-277436/8-B	Lab Control Sample Dup	Dissolved	Water	Filtration	

Filtration Batch: 277437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-277437/25-B	Method Blank	Total/NA	Water	Filtration	
LCS 860-277437/26-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-277437/27-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 277524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-2	FD3	Total/NA	Water	7470A	
870-41696-3	SSP MW-6S	Total/NA	Water	7470A	
870-41696-5	FD4	Total/NA	Water	7470A	
870-41696-8	SSP MW-3D	Total/NA	Water	7470A	
870-41696-10	SSP MW-6D	Total/NA	Water	7470A	
LB 860-277186/1-C	Method Blank	Total/NA	Water	7470A	277186
MB 860-277524/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-277524/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-277524/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 277586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-12	AP MW-1D	Total/NA	Water	7470A	
870-41696-15	AP MW-4S	Total/NA	Water	7470A	
LB 860-277142/1-D	Method Blank	Total/NA	Water	7470A	277142
MB 860-277586/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-277586/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-277586/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 277587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	7470A	
870-41696-4	SSP MW-5S	Total/NA	Water	7470A	
870-41696-6	AP PZ-4S	Total/NA	Water	7470A	
870-41696-7	EB2	Total/NA	Water	7470A	
870-41696-9	SSP MW-2D	Total/NA	Water	7470A	
870-41696-11	SSP MW-5D	Total/NA	Water	7470A	
870-41696-13	AP MW-7S	Total/NA	Water	7470A	
870-41696-14	AP MW-1	Total/NA	Water	7470A	
870-41696-16	AP PZ-1	Total/NA	Water	7470A	
870-41696-17	AP MW-5D	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 277587 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-277153/1-F	Method Blank	Total/NA	Water	7470A	277153
MB 860-277587/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-277587/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-277587/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 277708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	7470A	277587
870-41696-2	FD3	Total/NA	Water	7470A	277524
870-41696-3	SSP MW-6S	Total/NA	Water	7470A	277524
870-41696-4	SSP MW-5S	Total/NA	Water	7470A	277587
870-41696-5	FD4	Total/NA	Water	7470A	277524
870-41696-6	AP PZ-4S	Total/NA	Water	7470A	277587
870-41696-7	EB2	Total/NA	Water	7470A	277587
870-41696-8	SSP MW-3D	Total/NA	Water	7470A	277524
870-41696-9	SSP MW-2D	Total/NA	Water	7470A	277587
870-41696-10	SSP MW-6D	Total/NA	Water	7470A	277524
870-41696-11	SSP MW-5D	Total/NA	Water	7470A	277587
870-41696-12	AP MW-1D	Total/NA	Water	7470A	277586
870-41696-13	AP MW-7S	Total/NA	Water	7470A	277587
870-41696-14	AP MW-1	Total/NA	Water	7470A	277587
870-41696-15	AP MW-4S	Total/NA	Water	7470A	277586
870-41696-16	AP PZ-1	Total/NA	Water	7470A	277587
870-41696-17	AP MW-5D	Total/NA	Water	7470A	277587
LB 860-277142/1-D	Method Blank	Total/NA	Water	7470A	277586
LB 860-277153/1-F	Method Blank	Total/NA	Water	7470A	277587
LB 860-277186/1-C	Method Blank	Total/NA	Water	7470A	277524
MB 860-277524/10-A	Method Blank	Total/NA	Water	7470A	277524
MB 860-277586/1-A	Method Blank	Total/NA	Water	7470A	277586
MB 860-277587/1-A	Method Blank	Total/NA	Water	7470A	277587
LCS 860-277524/11-A	Lab Control Sample	Total/NA	Water	7470A	277524
LCS 860-277586/2-A	Lab Control Sample	Total/NA	Water	7470A	277586
LCS 860-277587/2-A	Lab Control Sample	Total/NA	Water	7470A	277587
LCSD 860-277524/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	277524
LCSD 860-277586/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	277586
LCSD 860-277587/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	277587

Leach Batch: 277711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-277711/1-B	Method Blank	Dissolved	Water	1311	

Prep Batch: 277808

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	3010A	
870-41696-6	AP PZ-4S	Total/NA	Water	3010A	
870-41696-10	SSP MW-6D	Total/NA	Water	3010A	
870-41696-11	SSP MW-5D	Total/NA	Water	3010A	
870-41696-12	AP MW-1D	Total/NA	Water	3010A	
870-41696-17	AP MW-5D	Total/NA	Water	3010A	
MB 860-277808/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277808/2-A	Lab Control Sample	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 277808 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-277808/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-41696-6 MS	AP PZ-4S	Total/NA	Water	3010A	
870-41696-6 MSD	AP PZ-4S	Total/NA	Water	3010A	

Prep Batch: 277809

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-3	SSP MW-6S	Total/NA	Water	3010A	
870-41696-4	SSP MW-5S	Total/NA	Water	3010A	
870-41696-5	FD4	Total/NA	Water	3010A	
870-41696-7	EB2	Total/NA	Water	3010A	
870-41696-8	SSP MW-3D	Total/NA	Water	3010A	
870-41696-9	SSP MW-2D	Total/NA	Water	3010A	
MB 860-277809/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277809/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277809/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-41696-3 MS	SSP MW-6S	Total/NA	Water	3010A	
870-41696-3 MSD	SSP MW-6S	Total/NA	Water	3010A	

Prep Batch: 277856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-2	FD3	Total/NA	Water	3010A	
870-41696-4	SSP MW-5S	Total/NA	Water	3010A	
870-41696-7	EB2	Total/NA	Water	3010A	
870-41696-9	SSP MW-2D	Total/NA	Water	3010A	
870-41696-13	AP MW-7S	Total/NA	Water	3010A	
870-41696-14	AP MW-1	Total/NA	Water	3010A	
870-41696-15	AP MW-4S	Total/NA	Water	3010A	
MB 860-277437/25-B	Method Blank	Total/NA	Water	3010A	277437
LCS 860-277437/26-B	Lab Control Sample	Total/NA	Water	3010A	277437
LCSD 860-277437/27-B	Lab Control Sample Dup	Total/NA	Water	3010A	277437
870-41696-2 MS	FD3	Total/NA	Water	3010A	
870-41696-2 MSD	FD3	Total/NA	Water	3010A	

Prep Batch: 277921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	3010A	
870-41696-2	FD3	Total/NA	Water	3010A	
870-41696-6	AP PZ-4S	Total/NA	Water	3010A	
870-41696-10	SSP MW-6D	Total/NA	Water	3010A	
870-41696-11	SSP MW-5D	Total/NA	Water	3010A	
870-41696-12	AP MW-1D	Total/NA	Water	3010A	
870-41696-13	AP MW-7S	Total/NA	Water	3010A	
870-41696-14	AP MW-1	Total/NA	Water	3010A	
870-41696-15	AP MW-4S	Total/NA	Water	3010A	
870-41696-16	AP PZ-1	Total/NA	Water	3010A	
870-41696-17	AP MW-5D	Total/NA	Water	3010A	
MB 860-277921/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277921/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277921/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Metals

Prep Batch: 277922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-3	SSP MW-6S	Total/NA	Water	3010A	
870-41696-16	AP PZ-1	Total/NA	Water	3010A	
MB 860-277922/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277922/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277922/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 278015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	6010D	277808
870-41696-1	SSP MW-4S	Total/NA	Water	6010D	277808
870-41696-6	AP PZ-4S	Total/NA	Water	6010D	277808
870-41696-6	AP PZ-4S	Total/NA	Water	6010D	277808
870-41696-10	SSP MW-6D	Total/NA	Water	6010D	277808
870-41696-10	SSP MW-6D	Total/NA	Water	6010D	277808
870-41696-11	SSP MW-5D	Total/NA	Water	6010D	277808
870-41696-11	SSP MW-5D	Total/NA	Water	6010D	277808
870-41696-12	AP MW-1D	Total/NA	Water	6010D	277808
870-41696-17	AP MW-5D	Total/NA	Water	6010D	277808
870-41696-17	AP MW-5D	Total/NA	Water	6010D	277808
MB 860-277808/1-A	Method Blank	Total/NA	Water	6010D	277808
LCS 860-277808/2-A	Lab Control Sample	Total/NA	Water	6010D	277808
LCSD 860-277808/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	277808
870-41696-6 MS	AP PZ-4S	Total/NA	Water	6010D	277808
870-41696-6 MSD	AP PZ-4S	Total/NA	Water	6010D	277808

Leach Batch: 278039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-278039/1-E	Method Blank	Dissolved	Water	1311	

Analysis Batch: 278112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-3	SSP MW-6S	Total/NA	Water	6020B	277809
870-41696-4	SSP MW-5S	Total/NA	Water	6020B	277809
870-41696-5	FD4	Total/NA	Water	6020B	277809
870-41696-7	EB2	Total/NA	Water	6020B	277809
870-41696-8	SSP MW-3D	Total/NA	Water	6020B	277809
870-41696-9	SSP MW-2D	Total/NA	Water	6020B	277809
MB 860-277809/1-A	Method Blank	Total/NA	Water	6020B	277809
LCS 860-277809/2-A	Lab Control Sample	Total/NA	Water	6020B	277809
LCSD 860-277809/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	277809
870-41696-3 MS	SSP MW-6S	Total/NA	Water	6020B	277809
870-41696-3 MSD	SSP MW-6S	Total/NA	Water	6020B	277809

Analysis Batch: 278138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-2	FD3	Total/NA	Water	6010D	277856
870-41696-2	FD3	Total/NA	Water	6010D	277856
870-41696-3	SSP MW-6S	Total/NA	Water	6010D	277922
870-41696-3	SSP MW-6S	Total/NA	Water	6010D	277922
870-41696-4	SSP MW-5S	Total/NA	Water	6010D	277856
870-41696-4	SSP MW-5S	Total/NA	Water	6010D	277856

Metals (Continued)

Analysis Batch: 278138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-7	EB2	Total/NA	Water	6010D	277856
870-41696-9	SSP MW-2D	Total/NA	Water	6010D	277856
870-41696-9	SSP MW-2D	Total/NA	Water	6010D	277856
870-41696-13	AP MW-7S	Total/NA	Water	6010D	277856
870-41696-13	AP MW-7S	Total/NA	Water	6010D	277856
870-41696-14	AP MW-1	Total/NA	Water	6010D	277856
870-41696-15	AP MW-4S	Total/NA	Water	6010D	277856
870-41696-16	AP PZ-1	Total/NA	Water	6010D	277922
870-41696-16	AP PZ-1	Total/NA	Water	6010D	277922
MB 860-277437/25-B	Method Blank	Total/NA	Water	6010D	277856
MB 860-277922/1-A	Method Blank	Total/NA	Water	6010D	277922
LCS 860-277437/26-B	Lab Control Sample	Total/NA	Water	6010D	277856
LCS 860-277922/2-A	Lab Control Sample	Total/NA	Water	6010D	277922
LCSD 860-277437/27-B	Lab Control Sample Dup	Total/NA	Water	6010D	277856
LCSD 860-277922/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	277922
870-41696-2 MS	FD3	Total/NA	Water	6010D	277856
870-41696-2 MSD	FD3	Total/NA	Water	6010D	277856

Prep Batch: 278151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-11	SSP MW-5D	Dissolved	Water	3010A	
LB 860-277711/1-B	Method Blank	Dissolved	Water	3010A	277711
MB 860-277436/6-B	Method Blank	Dissolved	Water	3010A	277436
LCS 860-277436/7-B	Lab Control Sample	Dissolved	Water	3010A	277436
LCSD 860-277436/8-B	Lab Control Sample Dup	Dissolved	Water	3010A	277436

Analysis Batch: 278384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	6020B	277921
870-41696-1	SSP MW-4S	Total/NA	Water	6020B	277921
870-41696-2	FD3	Total/NA	Water	6020B	277921
870-41696-2	FD3	Total/NA	Water	6020B	277921
870-41696-6	AP PZ-4S	Total/NA	Water	6020B	277921
870-41696-10	SSP MW-6D	Total/NA	Water	6020B	277921
870-41696-11	SSP MW-5D	Total/NA	Water	6020B	277921
870-41696-12	AP MW-1D	Total/NA	Water	6020B	277921
870-41696-13	AP MW-7S	Total/NA	Water	6020B	277921
870-41696-13	AP MW-7S	Total/NA	Water	6020B	277921
870-41696-14	AP MW-1	Total/NA	Water	6020B	277921
870-41696-15	AP MW-4S	Total/NA	Water	6020B	277921
870-41696-15	AP MW-4S	Total/NA	Water	6020B	277921
870-41696-16	AP PZ-1	Total/NA	Water	6020B	277921
870-41696-17	AP MW-5D	Total/NA	Water	6020B	277921
870-41696-17	AP MW-5D	Total/NA	Water	6020B	277921
MB 860-277921/1-A	Method Blank	Total/NA	Water	6020B	277921
LCS 860-277921/2-A	Lab Control Sample	Total/NA	Water	6020B	277921
LCSD 860-277921/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	277921

Analysis Batch: 278460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-11	SSP MW-5D	Dissolved	Water	6010D	278151

Metals (Continued)

Analysis Batch: 278460 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-11	SSP MW-5D	Dissolved	Water	6010D	278151
LB 860-277711/1-B	Method Blank	Dissolved	Water	6010D	278151
MB 860-277436/6-B	Method Blank	Dissolved	Water	6010D	278151
LCS 860-277436/7-B	Lab Control Sample	Dissolved	Water	6010D	278151
LCSD 860-277436/8-B	Lab Control Sample Dup	Dissolved	Water	6010D	278151

Prep Batch: 278581

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-5	FD4	Total/NA	Water	3010A	
870-41696-8	SSP MW-3D	Total/NA	Water	3010A	
MB 860-278581/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-278581/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-278581/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 278676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-11	SSP MW-5D	Dissolved	Water	7470A	
LB 860-278039/1-E	Method Blank	Dissolved	Water	7470A	278039
MB 860-278676/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-278676/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-278676/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 278741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-11	SSP MW-5D	Dissolved	Water	7470A	278676
LB 860-278039/1-E	Method Blank	Dissolved	Water	7470A	278676
MB 860-278676/10-A	Method Blank	Total/NA	Water	7470A	278676
LCS 860-278676/11-A	Lab Control Sample	Total/NA	Water	7470A	278676
LCSD 860-278676/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	278676

Analysis Batch: 279026

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-5	FD4	Total/NA	Water	6010D	278581
870-41696-8	SSP MW-3D	Total/NA	Water	6010D	278581
870-41696-8	SSP MW-3D	Total/NA	Water	6010D	278581
MB 860-278581/1-A	Method Blank	Total/NA	Water	6010D	278581
LCS 860-278581/2-A	Lab Control Sample	Total/NA	Water	6010D	278581
LCSD 860-278581/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	278581

General Chemistry

Analysis Batch: 33731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	SM 2540C	
870-41696-2	FD3	Total/NA	Water	SM 2540C	
870-41696-3	SSP MW-6S	Total/NA	Water	SM 2540C	
870-41696-4	SSP MW-5S	Total/NA	Water	SM 2540C	
870-41696-5	FD4	Total/NA	Water	SM 2540C	
870-41696-6	AP PZ-4S	Total/NA	Water	SM 2540C	
870-41696-7	EB2	Total/NA	Water	SM 2540C	
870-41696-8	SSP MW-3D	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 33731 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-9	SSP MW-2D	Total/NA	Water	SM 2540C	
870-41696-10	SSP MW-6D	Total/NA	Water	SM 2540C	
870-41696-11	SSP MW-5D	Total/NA	Water	SM 2540C	
870-41696-12	AP MW-1D	Total/NA	Water	SM 2540C	
870-41696-13	AP MW-7S	Total/NA	Water	SM 2540C	
870-41696-14	AP MW-1	Total/NA	Water	SM 2540C	
MB 870-33731/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33731/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33731/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 33750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-15	AP MW-4S	Total/NA	Water	SM 2540C	
870-41696-16	AP PZ-1	Total/NA	Water	SM 2540C	
870-41696-17	AP MW-5D	Total/NA	Water	SM 2540C	
MB 870-33750/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33750/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33750/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-41696-15 DU	AP MW-4S	Total/NA	Water	SM 2540C	

Analysis Batch: 33752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	SM 4500 H+ B	
870-41696-2	FD3	Total/NA	Water	SM 4500 H+ B	
870-41696-3	SSP MW-6S	Total/NA	Water	SM 4500 H+ B	
870-41696-4	SSP MW-5S	Total/NA	Water	SM 4500 H+ B	
870-41696-5	FD4	Total/NA	Water	SM 4500 H+ B	
870-41696-6	AP PZ-4S	Total/NA	Water	SM 4500 H+ B	
870-41696-7	EB2	Total/NA	Water	SM 4500 H+ B	
870-41696-8	SSP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-41696-9	SSP MW-2D	Total/NA	Water	SM 4500 H+ B	
870-41696-10	SSP MW-6D	Total/NA	Water	SM 4500 H+ B	
870-41696-11	SSP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-41696-12	AP MW-1D	Total/NA	Water	SM 4500 H+ B	
870-41696-13	AP MW-7S	Total/NA	Water	SM 4500 H+ B	
870-41696-14	AP MW-1	Total/NA	Water	SM 4500 H+ B	
870-41696-15	AP MW-4S	Total/NA	Water	SM 4500 H+ B	
870-41696-16	AP PZ-1	Total/NA	Water	SM 4500 H+ B	
870-41696-17	AP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-41696-10 DU	SSP MW-6D	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 277820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	SM 2320B	
870-41696-2	FD3	Total/NA	Water	SM 2320B	
870-41696-3	SSP MW-6S	Total/NA	Water	SM 2320B	
870-41696-4	SSP MW-5S	Total/NA	Water	SM 2320B	
870-41696-5	FD4	Total/NA	Water	SM 2320B	
870-41696-6	AP PZ-4S	Total/NA	Water	SM 2320B	
870-41696-7	EB2	Total/NA	Water	SM 2320B	
870-41696-8	SSP MW-3D	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 277820 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-9	SSP MW-2D	Total/NA	Water	SM 2320B	
870-41696-10	SSP MW-6D	Total/NA	Water	SM 2320B	
870-41696-11	SSP MW-5D	Total/NA	Water	SM 2320B	
870-41696-12	AP MW-1D	Total/NA	Water	SM 2320B	
870-41696-13	AP MW-7S	Total/NA	Water	SM 2320B	
870-41696-14	AP MW-1	Total/NA	Water	SM 2320B	
870-41696-15	AP MW-4S	Total/NA	Water	SM 2320B	
870-41696-16	AP PZ-1	Total/NA	Water	SM 2320B	
870-41696-17	AP MW-5D	Total/NA	Water	SM 2320B	
MB 860-277820/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-277820/62	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-277820/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-277820/63	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-277820/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-277820/64	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
870-41696-5 DU	FD4	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 746315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	PrecSep-21	
870-41696-2	FD3	Total/NA	Water	PrecSep-21	
870-41696-3	SSP MW-6S	Total/NA	Water	PrecSep-21	
870-41696-4	SSP MW-5S	Total/NA	Water	PrecSep-21	
870-41696-5	FD4	Total/NA	Water	PrecSep-21	
870-41696-6	AP PZ-4S	Total/NA	Water	PrecSep-21	
870-41696-7	EB2	Total/NA	Water	PrecSep-21	
870-41696-8	SSP MW-3D	Total/NA	Water	PrecSep-21	
870-41696-9	SSP MW-2D	Total/NA	Water	PrecSep-21	
870-41696-10	SSP MW-6D	Total/NA	Water	PrecSep-21	
870-41696-11	SSP MW-5D	Total/NA	Water	PrecSep-21	
870-41696-12	AP MW-1D	Total/NA	Water	PrecSep-21	
870-41696-13	AP MW-7S	Total/NA	Water	PrecSep-21	
870-41696-14	AP MW-1	Total/NA	Water	PrecSep-21	
870-41696-15	AP MW-4S	Total/NA	Water	PrecSep-21	
870-41696-16	AP PZ-1	Total/NA	Water	PrecSep-21	
870-41696-17	AP MW-5D	Total/NA	Water	PrecSep-21	
MB 160-746315/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746315/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-746315/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 746323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	PrecSep_0	
870-41696-2	FD3	Total/NA	Water	PrecSep_0	
870-41696-3	SSP MW-6S	Total/NA	Water	PrecSep_0	
870-41696-4	SSP MW-5S	Total/NA	Water	PrecSep_0	
870-41696-5	FD4	Total/NA	Water	PrecSep_0	
870-41696-6	AP PZ-4S	Total/NA	Water	PrecSep_0	
870-41696-7	EB2	Total/NA	Water	PrecSep_0	

Rad (Continued)

Prep Batch: 746323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-8	SSP MW-3D	Total/NA	Water	PrecSep_0	
870-41696-9	SSP MW-2D	Total/NA	Water	PrecSep_0	
870-41696-10	SSP MW-6D	Total/NA	Water	PrecSep_0	
870-41696-11	SSP MW-5D	Total/NA	Water	PrecSep_0	
870-41696-12	AP MW-1D	Total/NA	Water	PrecSep_0	
870-41696-13	AP MW-7S	Total/NA	Water	PrecSep_0	
870-41696-14	AP MW-1	Total/NA	Water	PrecSep_0	
870-41696-15	AP MW-4S	Total/NA	Water	PrecSep_0	
870-41696-16	AP PZ-1	Total/NA	Water	PrecSep_0	
870-41696-17	AP MW-5D	Total/NA	Water	PrecSep_0	
MB 160-746323/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746323/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-746323/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 746339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41696-1	SSP MW-4S	Total/NA	Water	Fill_Geo-21	
870-41696-2	FD3	Total/NA	Water	Fill_Geo-21	
870-41696-3	SSP MW-6S	Total/NA	Water	Fill_Geo-21	
870-41696-4	SSP MW-5S	Total/NA	Water	Fill_Geo-21	
870-41696-5	FD4	Total/NA	Water	Fill_Geo-21	
870-41696-6	AP PZ-4S	Total/NA	Water	Fill_Geo-21	
870-41696-7	EB2	Total/NA	Water	Fill_Geo-21	
870-41696-8	SSP MW-3D	Total/NA	Water	Fill_Geo-21	
870-41696-9	SSP MW-2D	Total/NA	Water	Fill_Geo-21	
870-41696-10	SSP MW-6D	Total/NA	Water	Fill_Geo-21	
870-41696-11	SSP MW-5D	Total/NA	Water	Fill_Geo-21	
870-41696-12	AP MW-1D	Total/NA	Water	Fill_Geo-21	
870-41696-13	AP MW-7S	Total/NA	Water	Fill_Geo-21	
870-41696-14	AP MW-1	Total/NA	Water	Fill_Geo-21	
870-41696-15	AP MW-4S	Total/NA	Water	Fill_Geo-21	
870-41696-16	AP PZ-1	Total/NA	Water	Fill_Geo-21	
870-41696-17	AP MW-5D	Total/NA	Water	Fill_Geo-21	
MB 160-746339/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-746339/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-41696-1 DU	SSP MW-4S	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Client Sample ID: SSP MW-4S

Date Collected: 11/17/25 09:45
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 22:06	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 22:13	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		1			278015	11/24/25 11:13	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		50			278015	11/24/25 11:21	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:00	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		5			278384	11/25/25 16:04	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:00	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 14:13	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749147	12/12/25 01:24	MLS	EET SL
Total/NA	Prep	PrecSep-21			755.35 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:05	SWS	EET SL
Total/NA	Prep	PrecSep_0			755.35 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749171	12/12/25 09:53	SWS	EET SL

Client Sample ID: FD3

Date Collected: 11/17/25 10:15
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 21:51	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 21:58	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 17:45	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 17:52	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:06	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		5			278384	11/25/25 16:10	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277524	11/21/25 11:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 18:39	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 14:22	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL

Client Sample ID: FD3

Lab Sample ID: 870-41696-2

Date Collected: 11/17/25 10:15

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749148	12/12/25 07:28	MLS	EET SL
Total/NA	Prep	PrecSep-21			751.10 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:05	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.10 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749171	12/12/25 09:53	SWS	EET SL

Client Sample ID: SSP MW-6S

Lab Sample ID: 870-41696-3

Date Collected: 11/17/25 13:15

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 21:36	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 21:44	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:47	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:53	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277809	11/24/25 00:12	PB	EET HOU
Total/NA	Analysis	6020B		1			278112	11/24/25 19:28	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277524	11/21/25 11:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 18:35	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 14:17	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749146	12/12/25 07:29	MLS	EET SL
Total/NA	Prep	PrecSep-21			1003.23 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:05	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.23 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749171	12/12/25 09:53	SWS	EET SL

Client Sample ID: SSP MW-5S

Lab Sample ID: 870-41696-4

Date Collected: 11/17/25 13:05

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1	0 mL	1.0 mL	278310	11/25/25 21:07	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10	0 mL	1.0 mL	278310	11/25/25 21:14	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 18:03	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 18:11	JDM	EET HOU

Client Sample ID: SSP MW-5S

Lab Sample ID: 870-41696-4

Date Collected: 11/17/25 13:05
Matrix: Water
Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	277809	11/24/25 00:12	PB	EET HOU
Total/NA	Analysis	6020B		1			278112	11/24/25 20:33	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:03	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 15:30	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749153	12/12/25 07:28	MLS	EET SL
Total/NA	Prep	PrecSep-21			1008.76 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:06	SWS	EET SL
Total/NA	Prep	PrecSep_0			1008.76 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749171	12/12/25 09:53	SWS	EET SL

Client Sample ID: FD4

Lab Sample ID: 870-41696-5

Date Collected: 11/17/25 10:20
Matrix: Water
Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			277884	11/25/25 02:23	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278581	11/26/25 12:42	AGR	EET HOU
Total/NA	Analysis	6010D		1			279026	12/01/25 13:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277809	11/24/25 00:12	PB	EET HOU
Total/NA	Analysis	6020B		1			278112	11/24/25 20:44	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277524	11/21/25 11:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 18:38	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 16:09	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749151	12/12/25 07:29	MLS	EET SL
Total/NA	Prep	PrecSep-21			1001.82 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:06	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.82 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749171	12/12/25 09:53	SWS	EET SL

Client Sample ID: AP PZ-4S

Lab Sample ID: 870-41696-6

Date Collected: 11/17/25 09:50
Matrix: Water
Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			277884	11/25/25 02:03	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		1			278015	11/24/25 10:55	JDM	EET HOU

Client Sample ID: AP PZ-4S

Lab Sample ID: 870-41696-6

Date Collected: 11/17/25 09:50

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		50			278015	11/24/25 11:03	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:13	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:14	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 16:33	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749148	12/12/25 09:05	MLS	EET SL
Total/NA	Prep	PrecSep-21			1007.30 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:06	SWS	EET SL
Total/NA	Prep	PrecSep_0			1007.30 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:54	SWS	EET SL

Client Sample ID: EB2

Lab Sample ID: 870-41696-7

Date Collected: 11/17/25 10:30

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 19:39	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 18:16	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277809	11/24/25 00:12	PB	EET HOU
Total/NA	Analysis	6020B		1			278112	11/24/25 20:35	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:10	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 16:45	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749146	12/12/25 09:06	MLS	EET SL
Total/NA	Prep	PrecSep-21			1005.57 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:06	SWS	EET SL
Total/NA	Prep	PrecSep_0			1005.57 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: SSP MW-3D

Lab Sample ID: 870-41696-8

Date Collected: 11/17/25 09:45

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 19:24	RJD	EET HOU

Client Sample ID: SSP MW-3D

Lab Sample ID: 870-41696-8

Date Collected: 11/17/25 09:45

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 19:31	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278581	11/26/25 12:42	AGR	EET HOU
Total/NA	Analysis	6010D		1			279026	12/01/25 13:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278581	11/26/25 12:42	AGR	EET HOU
Total/NA	Analysis	6010D		50			279026	12/01/25 13:47	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277809	11/24/25 00:12	PB	EET HOU
Total/NA	Analysis	6020B		1			278112	11/24/25 20:41	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277524	11/21/25 11:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 18:36	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 15:36	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 16:04	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749153	12/12/25 09:05	MLS	EET SL
Total/NA	Prep	PrecSep-21			753.53 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:06	SWS	EET SL
Total/NA	Prep	PrecSep_0			753.53 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: SSP MW-2D

Lab Sample ID: 870-41696-9

Date Collected: 11/17/25 14:25

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278310	11/25/25 19:09	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 18:17	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 18:25	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277809	11/24/25 00:12	PB	EET HOU
Total/NA	Analysis	6020B		1			278112	11/24/25 20:38	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:09	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 14:44	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33731	11/20/25 17:02	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749151	12/12/25 09:05	MLS	EET SL
Total/NA	Prep	PrecSep-21			754.45 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:06	SWS	EET SL
Total/NA	Prep	PrecSep_0			754.45 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: SSP MW-6D

Date Collected: 11/17/25 14:40
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277884	11/24/25 23:23	RJD	EET HOU
Total/NA	Analysis	9056A		10			277884	11/24/25 23:33	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		1			278015	11/24/25 11:18	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		50			278015	11/24/25 11:26	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:15	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277524	11/21/25 11:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 18:33	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 17:28	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 17:02	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749148	12/12/25 11:41	MLS	EET SL
Total/NA	Prep	PrecSep-21			757.17 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep_0			757.17 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: SSP MW-5D

Date Collected: 11/17/25 17:10
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277884	11/25/25 00:23	RJD	EET HOU
Total/NA	Analysis	9056A		10			277884	11/25/25 00:33	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	278151	11/25/25 09:21	AGR	EET HOU
Dissolved	Analysis	6010D		1			278460	11/25/25 18:30	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	278151	11/25/25 09:21	AGR	EET HOU
Dissolved	Analysis	6010D		50			278460	11/25/25 18:33	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		1			278015	11/24/25 11:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		50			278015	11/24/25 11:23	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:18	DP	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	278676	11/26/25 17:04	PB	EET HOU
Dissolved	Analysis	7470A		1			278741	11/26/25 22:27	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 15:23	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 17:02	TM	EET DAL

Client Sample ID: SSP MW-5D

Lab Sample ID: 870-41696-11

Date Collected: 11/17/25 17:10

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749146	12/12/25 11:43	MLS	EET SL
Total/NA	Prep	PrecSep-21			754.95 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep_0			754.95 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: AP MW-1D

Lab Sample ID: 870-41696-12

Date Collected: 11/18/25 08:35

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277884	11/25/25 00:43	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		1			278015	11/24/25 11:11	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:21	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277586	11/21/25 13:54	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 19:27	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 16:39	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	33731	11/20/25 17:02	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749153	12/12/25 11:40	MLS	EET SL
Total/NA	Prep	PrecSep-21			1002.12 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.12 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: AP MW-7S

Lab Sample ID: 870-41696-13

Date Collected: 11/18/25 09:10

Matrix: Water

Date Received: 11/19/25 08:57

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			277884	11/25/25 01:03	RJD	EET HOU
Total/NA	Analysis	9056A		10			277884	11/25/25 01:13	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 18:19	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 18:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:24	DP	EET HOU

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Client Sample ID: AP MW-7S

Date Collected: 11/18/25 09:10
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-13

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		5			278384	11/25/25 16:27	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:13	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 15:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33731	11/20/25 17:02	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749151	12/12/25 11:41	MLS	EET SL
Total/NA	Prep	PrecSep-21			1006.76 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep_0			1006.76 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: AP MW-1

Date Collected: 11/18/25 09:55
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-14

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 23:34	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 23:41	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 18:20	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:36	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:05	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 17:16	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	33731	11/20/25 17:02	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749147	12/12/25 11:43	MLS	EET SL
Total/NA	Prep	PrecSep-21			1007.40 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep_0			1007.40 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: AP MW-4S

Date Collected: 11/18/25 10:50
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 23:19	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 23:27	RJD	EET HOU

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Client Sample ID: AP MW-4S

Date Collected: 11/18/25 10:50
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-15

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	277856	11/24/25 09:07	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 18:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:38	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		5			278384	11/25/25 16:42	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277586	11/21/25 13:54	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 19:28	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 14:58	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	33750	11/21/25 10:05	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749148	12/12/25 13:41	MLS	EET SL
Total/NA	Prep	PrecSep-21			755.03 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep_0			755.03 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Client Sample ID: AP PZ-1

Date Collected: 11/18/25 11:30
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-16

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 22:35	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 22:43	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:55	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:44	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:12	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 15:13	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33750	11/21/25 10:05	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749146	12/12/25 13:42	MLS	EET SL
Total/NA	Prep	PrecSep-21			758.11 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749527	12/15/25 21:08	SWS	EET SL
Total/NA	Prep	PrecSep_0			758.11 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Client Sample ID: AP MW-5D

Date Collected: 11/18/25 11:35
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41696-17

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278310	11/25/25 22:21	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278310	11/25/25 22:28	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		1			278015	11/24/25 11:16	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277808	11/24/25 00:10	PB	EET HOU
Total/NA	Analysis	6010D		50			278015	11/24/25 11:24	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:47	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		5			278384	11/25/25 16:50	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277587	11/21/25 13:57	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 20:02	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 17:06	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33750	11/21/25 10:05	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33752	11/21/25 11:32	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749153	12/12/25 13:41	MLS	EET SL
Total/NA	Prep	PrecSep-21			751.91 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749529	12/15/25 21:17	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.91 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41696-1
SDG: 10290148

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-41696-1	SSP MW-4S	Water	11/17/25 09:45	11/19/25 08:57	Texas
870-41696-2	FD3	Water	11/17/25 10:15	11/19/25 08:57	Texas
870-41696-3	SSP MW-6S	Water	11/17/25 13:15	11/19/25 08:57	Texas
870-41696-4	SSP MW-5S	Water	11/17/25 13:05	11/19/25 08:57	Texas
870-41696-5	FD4	Water	11/17/25 10:20	11/19/25 08:57	Texas
870-41696-6	AP PZ-4S	Water	11/17/25 09:50	11/19/25 08:57	Texas
870-41696-7	EB2	Water	11/17/25 10:30	11/19/25 08:57	Texas
870-41696-8	SSP MW-3D	Water	11/17/25 09:45	11/19/25 08:57	Texas
870-41696-9	SSP MW-2D	Water	11/17/25 14:25	11/19/25 08:57	Texas
870-41696-10	SSP MW-6D	Water	11/17/25 14:40	11/19/25 08:57	Texas
870-41696-11	SSP MW-5D	Water	11/17/25 17:10	11/19/25 08:57	Texas
870-41696-12	AP MW-1D	Water	11/18/25 08:35	11/19/25 08:57	Texas
870-41696-13	AP MW-7S	Water	11/18/25 09:10	11/19/25 08:57	Texas
870-41696-14	AP MW-1	Water	11/18/25 09:55	11/19/25 08:57	Texas
870-41696-15	AP MW-4S	Water	11/18/25 10:50	11/19/25 08:57	Texas
870-41696-16	AP PZ-1	Water	11/18/25 11:30	11/19/25 08:57	Texas
870-41696-17	AP MW-5D	Water	11/18/25 11:35	11/19/25 08:57	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

12/29/2025

Client Information	Sampler: Emma Foley	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15038-5065.1
Client Contact: Emma Foley	Phone: 720-242-2831	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: TX	Page:
Company: HDR Inc	PWSID:			Job #: 10290148
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: Emma.Foley@hdrinc.com	WO #:			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: D - HNO3; N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	6010D, 6020B, 7470A Dissolved Metals	6010D, 7470A Dissolved Metals	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
SSP MW-4S	11/17/25	0945	G	Water	N	N	X	X	X	X	X	X		X	X	6	
FD3	11/17/25	1015	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SSP MW-6S	11/17/25	1315	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SSP MW-5S	11/17/25	1305	G	Water	N	N	X	X	X	X	X	X		X	X	6	
FD4	11/17/25	1020	G	Water	N	N	X	X	X	X	X	X		X	X	6	
AP PZ-4S	11/17/25	0950	G	Water	N	N	X	X	X	X	X	X		X	X		
EB2	11/17/25	1030	G	Water	N	N	X	X	X	X	X	X		X	X		
SSP MW-3D	11/17/25	0945	G	Water	N	N	X	X	X	X	X	X		X	X		
SSP MW-2D	11/17/25	1425	G	Water	N	N	X	X	X	X	X	X		X	X		
SSP MW-6D	11/17/25	1440	G	Water	N	N	X	X	X	X	X	X		X	X		
SSP MW-5D	11/17/25	1710	G	Water	X	N	X	X	X	X	X	X	X	X	X	4	Dissolved Metals Field Filtered

870-41696 Chain of Custody

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

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

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

Special Instructions/QC Requirements: 8859 0755 8970, 8981, 8992, 9006, 9017

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment: ~~555~~

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	F Li	11/17/25 1700	HDR	Fed Ex		
2	Fed Ex	11/19/25 8:57			11/19/25 8:57	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: THm027 CF -0.6 2.2/1.6, 3.8/3.2, 2.8/2.2, 4.2/3.6, 1.6/1.0

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

12/29/2025

Client Information	Sampler: Emma Foley	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15038-5065.1
Client Contact: Emma Foley	Phone: 7202422831	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #: 10290148

Address: 17111 Preston Road Suite 200	Due Date Requested:
City: Dallas	TAT Requested (days):
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No
Phone:	PO #: Purchase Order not required
Email: Emma.Foley@hdrinc.com	WO #:
Project Name: ASD Round 5 Background Sampling	Project #: 87002063
Site:	SSOW#:

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	6010D, 6020B, 7470A Total Metals	6010D, 7470A, 6020B Dissolved Metals	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS					Total Number of containers	Special Instructions/Note:
Preservation Code:					X	X	D	D	N	N	N	D	D	N	N						
AP MW-1D	11-18-25	0835	G	Water	N	N	X	X	X	X	X	X		X	X						6	
AP MW-7S	11-18-25	0910	G	Water	N	N	X	X	X	X	X	X		X	X						6	
AP MW-1	11-18-25	0955	G	Water	N	N	X	X	X	X	X	X		X	X						6	
AP MW-4S	11-18-25	1050	G	Water	N	N	X	X	X	X	X	X		X	X						6	
AP PZ-1	11-18-25	1130	G	Water	N	N	X	X	X	X	X	X		X	X						6	
AP MW-5D	11-18-25	1135	G	Water	N	N	X	X	X	X	X	X		X	X						6	
				Water																		
				Water																		
				Water																		
				Water																		
				Water																		

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: 8859 0955 8970, 8981, 8992, 9006, 9017

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Emma Foley EF	11-18-25 1400	HDR	FedEx		
FedEx	11/19/25 8:57			11/19/25 8:57	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: THM027 CF -0.6 2.2/1.6, 3.8/3.2, 2.8/2.2, 4.2/3.6, 1.6/1.0

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9508.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-41696-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 11/26/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			Other: N/A
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SSP MW-4S (870-41696-1)	11/17/25	09:45 Central	G	Water			X	X	X	2	
FD3 (870-41696-2)	11/17/25	10:15 Central	G	Water			X	X	X	2	
SSP MW-6S (870-41696-3)	11/17/25	13:15 Central	G	Water			X	X	X	2	
SSP MW-5S (870-41696-4)	11/17/25	13:05 Central	G	Water			X	X	X	2	
FD4 (870-41696-5)	11/17/25	10:20 Central	G	Water			X	X	X	2	
AP PZ-4S (870-41696-6)	11/17/25	09:50 Central	G	Water			X	X	X	2	
EB2 (870-41696-7)	11/17/25	10:30 Central	G	Water			X	X	X	2	
SSP MW-3D (870-41696-8)	11/17/25	09:45 Central	G	Water			X	X	X	2	
SSP MW-2D (870-41696-9)	11/17/25	14:25 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		11/19/25-1700			0830 NOV 20 2025	
2	Relinquished by:	Date/Time:	Company	Received by: NOV 19 2025	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9508.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-41696-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 11/26/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SSP MW-6D (870-41696-10)	11/17/25	14:40 Central	G	Water			X	X	X	2	
SSP MW-5D (870-41696-11)	11/17/25	17:10 Central	G	Water			X	X	X	2	
AP MW-1D (870-41696-12)	11/18/25	08:35 Central	G	Water			X	X	X	2	
AP MW-7S (870-41696-13)	11/18/25	09:10 Central	G	Water			X	X	X	2	
AP MW-1 (870-41696-14)	11/18/25	09:55 Central	G	Water			X	X	X	2	
AP MW-4S (870-41696-15)	11/18/25	10:50 Central	G	Water			X	X	X	2	
AP PZ-1 (870-41696-16)	11/18/25	11:30 Central	G	Water			X	X	X	2	
AP MW-5D (870-41696-17)	11/18/25	11:35 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:
Empty Kit Relinquished by:	Date: Time: FEDEX Method of Shipment:

Relinquished by:	Date/Time: 11/19/25-1700	Company	Received by: NOV 19 2025	Date/Time: 0830 NOV 20 2025	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9510.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-41696-1
Address: 4145 Greenbriar Dr	Due Date Requested: 11/25/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSP MW-4S (870-41696-1)	11/17/25	09:45 Central	G	Water			X	X	X	X	X			2	
FD3 (870-41696-2)	11/17/25	10:15 Central	G	Water			X	X	X	X	X			2	
SSP MW-6S (870-41696-3)	11/17/25	13:15 Central	G	Water			X	X	X	X	X			2	
SSP MW-5S (870-41696-4)	11/17/25	13:05 Central	G	Water			X	X	X	X	X			2	
FD4 (870-41696-5)	11/17/25	10:20 Central	G	Water			X	X	X	X	X			2	
AP PZ-4S (870-41696-6)	11/17/25	09:50 Central	G	Water			X	X	X	X	X			2	
EB2 (870-41696-7)	11/17/25	10:30 Central	G	Water			X	X	X	X	X			2	
SSP MW-3D (870-41696-8)	11/17/25	09:45 Central	G	Water			X	X	X	X	X			2	
SSP MW-2D (870-41696-9)	11/17/25	14:25 Central	G	Water			X	X	X	X	X			2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification
Unconfirmed

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) Primary Deliverable Rank: 2

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 11/19/25 900	Company	Received by: TPX	Date/Time: NOV 20 2025	Company
Relinquished by:	Date/Time:	Company	Received by: NOV 19 2025	Date/Time: Time: 900	Company

Received

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 1.5

V 10/10/2024

12/29/2025

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41696-1
SDG Number: 10290148

Login Number: 41696
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41696-1
SDG Number: 10290148

Login Number: 41696
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 11/20/25 07:29 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41696-1
SDG Number: 10290148

Login Number: 41696
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 11/20/25 12:50 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 12/30/2025 4:05:53 PM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station
Semi Anuual CCR

JOB NUMBER

870-41701-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

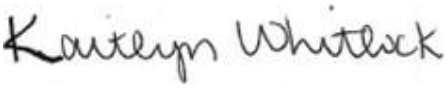
my EOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/30/2025 4:05:53 PM

Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 7
Tracer Carrier Summary 9
QC Sample Results 10
QC Association Summary 19
Lab Chronicle 22
Certification Summary 23
Method Summary 24
Sample Summary 25
Chain of Custody 26
Receipt Checklists 29

Definitions/Glossary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41701-1
SDG: Semi Anuual CCR

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Job Narrative
870-41701-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 11/19/2025 8:57 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.2°C.

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

Metals
Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-278138 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D - Dissolved: The method blank for preparation batch 860-277436 and 860-278151 and analytical batch 860-278460 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The continuing calibration blank (CCB) for analytical batch 860-278460 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6020B: The following sample was diluted due to the nature of the sample matrix: SFL MW-6 (870-41701-1). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM4500_H+: The following sample was received outside of holding time: SFL MW-6 (870-41701-1).

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

Gamma Spectroscopy
Method 901.1_Ra: Gamma Batch 746339
The detection goal was not met for Ra-226 and/or Ra-228 for the following sample(s). An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra-226 and Ra-228 are well below the RL and MDC.
SFL MW-6 (870-41701-1) and (870-41696-A-1-A)

Method 901.1_Ra: Gamma Batch 746339
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-226. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-746339/1-A).

Job ID: 870-41701-1 (Continued) Eurofins Dallas

Method 901.1_Ra: Gamma Batch 746339
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

SFL MW-6 (870-41701-1), (870-41696-A-1-A) and (870-41696-A-1-B DU)

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

Gas Flow Proportional Counter
Method 904.0: Radium 228 Batch 746323

The Radium-228 laboratory control sample and laboratory control sample duplicate (LCS/LCSD) associated with the following samples recovered at 137 and 127%: (LCS 160-746323/2-A) and (LCSD 160-746323/3-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 68-154%. The LCS is within criteria and no further action is required.

Method 904.0: Radium 228 Batch 746323

The detection goal was not met for the following sample due to the presence of matrix interferences: SFL MW-6 (870-41701-1). Analytical results are reported with the detection limit achieved.

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

Client Sample ID: SFL MW-6

Date Collected: 11/13/25 14:15
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41701-1

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9720**		50.0	25.0	mg/L			11/24/25 19:00	100
Fluoride	<10.0	U	50.0	10.0	mg/L			11/24/25 19:00	100
Sulfate	**2610**		50.0	20.0	mg/L			11/24/25 19:00	100

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.389**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:50	1
Calcium	**1070**		10.0	5.08	mg/L		11/24/25 11:33	11/24/25 20:56	50
Magnesium	**358**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:50	1
Potassium	**114**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:50	1
Sodium	**2430**	**^2**	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:56	50
Lithium	**1.04**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:50	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**17.6**		0.200	0.0352	mg/L		11/25/25 09:21	11/25/25 18:28	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		11/25/25 09:21	11/25/25 18:28	1
Arsenic	**0.0512**		0.0100	0.00650	mg/L		11/25/25 09:21	11/25/25 18:28	1
Barium	**0.0399**		0.0100	0.00125	mg/L		11/25/25 09:21	11/25/25 18:28	1
Beryllium	**0.0999**		0.00400	0.00107	mg/L		11/25/25 09:21	11/25/25 18:28	1
Boron	**0.531**		0.0500	0.0162	mg/L		11/25/25 09:21	11/25/25 18:28	1
Cadmium	**0.00645**		0.00500	0.000831	mg/L		11/25/25 09:21	11/25/25 18:28	1
Calcium	**1470**		10.0	5.08	mg/L		11/25/25 09:21	11/25/25 18:31	50
Chromium	**0.0109**		0.0100	0.00216	mg/L		11/25/25 09:21	11/25/25 18:28	1
Cobalt	**0.198**		0.0100	0.00123	mg/L		11/25/25 09:21	11/25/25 18:28	1
Iron	**7.56**		0.200	0.0283	mg/L		11/25/25 09:21	11/25/25 18:28	1
Lead	**0.0272**		0.0100	0.00368	mg/L		11/25/25 09:21	11/25/25 18:28	1
Magnesium	**512**		0.200	0.0445	mg/L		11/25/25 09:21	11/25/25 18:28	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		11/25/25 09:21	11/25/25 18:28	1
Potassium	**150**		0.500	0.106	mg/L		11/25/25 09:21	11/25/25 18:28	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		11/25/25 09:21	11/25/25 18:28	1
Sodium	**3700**	**^2**	25.0	7.59	mg/L		11/25/25 09:21	11/25/25 18:31	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		11/25/25 09:21	11/25/25 18:28	1
Li	**1.38**	**B**	0.0400	0.0174	mg/L		11/25/25 09:21	11/25/25 18:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**11.9**		0.100	0.0275	mg/L		11/24/25 11:30	11/25/25 16:57	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 16:53	1
Arsenic	**0.0171**		0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 16:53	1
Barium	**0.0288**		0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 16:53	1
Beryllium	**0.0716**		0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 16:53	1
Cadmium	**0.00422**		0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 16:53	1
Chromium	**0.00331**	**J**	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 16:53	1
Cobalt	**0.119**		0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 16:53	1
Iron	**0.751**		0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 16:53	1
Lead	**0.0126**		0.0100	0.00184	mg/L		11/24/25 11:30	11/25/25 16:57	5
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 16:53	1
Selenium	**0.0836**		0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 16:53	1
Thallium	**0.00504**	**J**	0.0100	0.00208	mg/L		11/24/25 11:30	11/25/25 16:57	5

Client Sample ID: SFL MW-6

Date Collected: 11/13/25 14:15
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41701-1

Matrix: Water

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000102**	**J**	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 18:32	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0000960**	**J**	0.000200	0.0000706	mg/L		11/26/25 17:04	11/26/25 22:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/21/25 14:01	1
Total Dissolved Solids (SM 2540C)	**14700**		50.0	50.0	mg/L			11/20/25 17:02	1
pH (SM 4500 H+ B)	**3.5**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**21.4**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.978	U G	3.78	3.78	50.0	57.3	pCi/L	11/21/25 09:31	12/12/25 13:42	1
Radium-228	16.6	U	29.8	29.9	50.0	48.9	pCi/L	11/21/25 09:31	12/12/25 13:42	1
Combined Radium 226 + 228	15.7	U	30.0	30.1		57.3	pCi/L	11/21/25 09:31	12/12/25 13:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**4.73**		0.825	0.928	1.00	0.475	pCi/L	11/21/25 07:38	12/15/25 21:17	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.4*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:17*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**16.9**	**G**	2.57	3.00	1.00	1.76	pCi/L	11/21/25 07:50	12/12/25 09:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*52.4*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*
Y Carrier	*72.5*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:55*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41701-1
SDG: Semi Anuual CCR

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
870-41701-1	SFL MW-6	52.4
LCS 160-746315/2-A	Lab Control Sample	82.1
LCSD 160-746315/3-A	Lab Control Sample Dup	87.1
MB 160-746315/1-A	Method Blank	84.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
870-41701-1	SFL MW-6	52.4	72.5
LCS 160-746323/2-A	Lab Control Sample	82.1	81.5
LCSD 160-746323/3-A	Lab Control Sample Dup	87.1	85.6
MB 160-746323/1-A	Method Blank	84.6	78.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-277892/68
Matrix: Water
Analysis Batch: 277892

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			11/24/25 18:23	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/24/25 18:23	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/24/25 18:23	1

Lab Sample ID: LCS 860-277892/69
Matrix: Water
Analysis Batch: 277892

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.01		mg/L		100	90 - 110
Fluoride	10.0	10.87		mg/L		109	90 - 110
Sulfate	10.0	9.150		mg/L		92	90 - 110

Lab Sample ID: LCSD 860-277892/70
Matrix: Water
Analysis Batch: 277892

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.956		mg/L		100	90 - 110	1	20
Fluoride	10.0	10.78		mg/L		108	90 - 110	1	20
Sulfate	10.0	9.191		mg/L		92	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-277922/1-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 19:04	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/24/25 11:33	11/24/25 19:04	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 19:04	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/24/25 11:33	11/24/25 19:04	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/24/25 11:33	11/24/25 19:04	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 19:04	1

Lab Sample ID: LCS 860-277922/2-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.010		mg/L		101	80 - 120
Calcium	25.0	25.70		mg/L		103	80 - 120
Magnesium	25.0	24.70		mg/L		99	80 - 120
Potassium	10.0	9.660		mg/L		97	80 - 120
Sodium	25.0	24.20		mg/L		97	80 - 120
Lithium	1.00	0.9810		mg/L		98	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-277922/3-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277922

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.010		mg/L		101	80 - 120	0	20
Calcium			25.0	25.70		mg/L		103	80 - 120	0	20
Magnesium			25.0	24.60		mg/L		98	80 - 120	0	20
Potassium			10.0	9.670		mg/L		97	80 - 120	0	20
Sodium			25.0	24.20		mg/L		97	80 - 120	0	20
Lithium			1.00	0.9700		mg/L		97	80 - 120	1	20

Lab Sample ID: LB 860-277711/1-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278151

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.176	U	1.00	0.176	mg/L		11/25/25 09:21	11/25/25 17:46	1
Antimony	0.07550	J	0.100	0.0402	mg/L		11/25/25 09:21	11/25/25 17:46	1
Arsenic	<0.0325	U	0.0500	0.0325	mg/L		11/25/25 09:21	11/25/25 17:46	1
Barium	<0.00625	U	0.0500	0.00625	mg/L		11/25/25 09:21	11/25/25 17:46	1
Beryllium	<0.00535	U	0.0200	0.00535	mg/L		11/25/25 09:21	11/25/25 17:46	1
Boron	<0.0809	U	0.250	0.0809	mg/L		11/25/25 09:21	11/25/25 17:46	1
Cadmium	<0.00416	U	0.0250	0.00416	mg/L		11/25/25 09:21	11/25/25 17:46	1
Calcium	<0.508	U	1.00	0.508	mg/L		11/25/25 09:21	11/25/25 17:46	1
Chromium	<0.0108	U	0.0500	0.0108	mg/L		11/25/25 09:21	11/25/25 17:46	1
Cobalt	<0.00615	U	0.0500	0.00615	mg/L		11/25/25 09:21	11/25/25 17:46	1
Iron	<0.141	U	1.00	0.141	mg/L		11/25/25 09:21	11/25/25 17:46	1
Lead	<0.0184	U	0.0500	0.0184	mg/L		11/25/25 09:21	11/25/25 17:46	1
Magnesium	<0.222	U	1.00	0.222	mg/L		11/25/25 09:21	11/25/25 17:46	1
Molybdenum	0.01690	J	0.0500	0.0130	mg/L		11/25/25 09:21	11/25/25 17:46	1
Potassium	<0.530	U	2.50	0.530	mg/L		11/25/25 09:21	11/25/25 17:46	1
Selenium	<0.0464	U	0.150	0.0464	mg/L		11/25/25 09:21	11/25/25 17:46	1
Sodium	<0.759	U	2.50	0.759	mg/L		11/25/25 09:21	11/25/25 17:46	1
Thallium	<0.0551	U	0.100	0.0551	mg/L		11/25/25 09:21	11/25/25 17:46	1
Li	0.09200	J	0.200	0.0868	mg/L		11/25/25 09:21	11/25/25 17:46	1

Lab Sample ID: MB 860-277436/6-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		11/25/25 09:21	11/25/25 17:40	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		11/25/25 09:21	11/25/25 17:40	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		11/25/25 09:21	11/25/25 17:40	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		11/25/25 09:21	11/25/25 17:40	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		11/25/25 09:21	11/25/25 17:40	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/25/25 09:21	11/25/25 17:40	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		11/25/25 09:21	11/25/25 17:40	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/25/25 09:21	11/25/25 17:40	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		11/25/25 09:21	11/25/25 17:40	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		11/25/25 09:21	11/25/25 17:40	1
Iron	<0.0283	U	0.200	0.0283	mg/L		11/25/25 09:21	11/25/25 17:40	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		11/25/25 09:21	11/25/25 17:40	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-277436/6-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278151

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/25/25 09:21	11/25/25 17:40	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		11/25/25 09:21	11/25/25 17:40	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/25/25 09:21	11/25/25 17:40	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		11/25/25 09:21	11/25/25 17:40	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/25/25 09:21	11/25/25 17:40	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		11/25/25 09:21	11/25/25 17:40	1
Li	0.02330	J	0.0400	0.0174	mg/L		11/25/25 09:21	11/25/25 17:40	1

Lab Sample ID: LCS 860-277436/7-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 278151

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	5.050		mg/L		101	80 - 120
Antimony	1.00	0.8610		mg/L		86	80 - 120
Arsenic	1.00	1.030		mg/L		103	80 - 120
Barium	1.00	1.040		mg/L		104	80 - 120
Beryllium	1.00	1.040		mg/L		104	80 - 120
Boron	1.00	1.010		mg/L		101	80 - 120
Cadmium	1.00	0.9970		mg/L		100	80 - 120
Calcium	25.0	25.00		mg/L		100	80 - 120
Chromium	1.00	1.020		mg/L		102	80 - 120
Cobalt	1.00	1.020		mg/L		102	80 - 120
Iron	5.00	5.100		mg/L		102	80 - 120
Lead	1.00	1.010		mg/L		101	80 - 120
Magnesium	25.0	24.20		mg/L		97	80 - 120
Molybdenum	1.00	0.9910		mg/L		99	80 - 120
Potassium	10.0	9.750		mg/L		98	80 - 120
Selenium	1.00	1.050		mg/L		105	80 - 120
Sodium	25.0	24.70		mg/L		99	80 - 120
Thallium	1.00	1.050		mg/L		105	80 - 120
Li	1.00	0.9550		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-277436/8-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 278151

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	5.050		mg/L		101	80 - 120	0	20
Antimony	1.00	0.9260		mg/L		93	80 - 120	7	20
Arsenic	1.00	1.030		mg/L		103	80 - 120	0	20
Barium	1.00	1.040		mg/L		104	80 - 120	0	20
Beryllium	1.00	1.040		mg/L		104	80 - 120	0	20
Boron	1.00	1.010		mg/L		101	80 - 120	0	20
Cadmium	1.00	0.9970		mg/L		100	80 - 120	0	20
Calcium	25.0	25.00		mg/L		100	80 - 120	0	20
Chromium	1.00	1.020		mg/L		102	80 - 120	0	20
Cobalt	1.00	1.010		mg/L		101	80 - 120	1	20
Iron	5.00	5.100		mg/L		102	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-277436/8-B
Matrix: Water
Analysis Batch: 278460

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 278151

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Lead	1.00	1.010		mg/L		101	80 - 120	0	20
Magnesium	25.0	24.20		mg/L		97	80 - 120	0	20
Molybdenum	1.00	1.010		mg/L		101	80 - 120	2	20
Potassium	10.0	9.770		mg/L		98	80 - 120	0	20
Selenium	1.00	1.080		mg/L		108	80 - 120	3	20
Sodium	25.0	24.70		mg/L		99	80 - 120	0	20
Thallium	1.00	1.050		mg/L		105	80 - 120	0	20
Li	1.00	0.9540		mg/L		95	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-277921/1-A
Matrix: Water
Analysis Batch: 278384

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277921

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 11:30	11/25/25 15:27	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 11:30	11/25/25 15:27	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 11:30	11/25/25 15:27	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/24/25 11:30	11/25/25 15:27	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 11:30	11/25/25 15:27	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 11:30	11/25/25 15:27	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 11:30	11/25/25 15:27	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 11:30	11/25/25 15:27	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/24/25 11:30	11/25/25 15:27	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 11:30	11/25/25 15:27	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 11:30	11/25/25 15:27	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 11:30	11/25/25 15:27	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 11:30	11/25/25 15:27	1

Lab Sample ID: LCS 860-277921/2-A
Matrix: Water
Analysis Batch: 278384

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277921

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5228		mg/L		105	80 - 120
Antimony	0.100	0.1068		mg/L		107	80 - 120
Arsenic	0.100	0.1017		mg/L		102	80 - 120
Barium	0.100	0.1045		mg/L		104	80 - 120
Beryllium	0.100	0.09645		mg/L		96	80 - 120
Cadmium	0.100	0.1033		mg/L		103	80 - 120
Chromium	0.100	0.1059		mg/L		106	80 - 120
Cobalt	0.100	0.1054		mg/L		105	80 - 120
Iron	0.500	0.5241		mg/L		105	80 - 120
Lead	0.100	0.1039		mg/L		104	80 - 120
Molybdenum	0.100	0.1032		mg/L		103	80 - 120
Selenium	0.100	0.09218		mg/L		92	80 - 120
Thallium	0.100	0.1067		mg/L		107	80 - 120

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

Lab Sample ID: LCSD 860-277921/3-A
Matrix: Water
Analysis Batch: 278384

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277921

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.5153		mg/L		103	80 - 120	1	20
Antimony			0.100	0.1077		mg/L		108	80 - 120	1	20
Arsenic			0.100	0.1024		mg/L		102	80 - 120	1	20
Barium			0.100	0.1059		mg/L		106	80 - 120	1	20
Beryllium			0.100	0.09893		mg/L		99	80 - 120	3	20
Cadmium			0.100	0.1048		mg/L		105	80 - 120	1	20
Chromium			0.100	0.1059		mg/L		106	80 - 120	0	20
Cobalt			0.100	0.1054		mg/L		105	80 - 120	0	20
Iron			0.500	0.5256		mg/L		105	80 - 120	0	20
Lead			0.100	0.1043		mg/L		104	80 - 120	0	20
Molybdenum			0.100	0.1042		mg/L		104	80 - 120	1	20
Selenium			0.100	0.09193		mg/L		92	80 - 120	0	20
Thallium			0.100	0.1063		mg/L		106	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-277186/1-C
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277524

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 17:58	1

Lab Sample ID: MB 860-277524/10-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277524

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/21/25 11:25	11/21/25 17:54	1

Lab Sample ID: LCS 860-277524/11-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277524

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury			0.00200	0.001955		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-277524/12-A
Matrix: Water
Analysis Batch: 277708

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277524

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001956		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 860-278676/10-A
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278676

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/26/25 17:04	11/26/25 22:09	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 860-278676/11-A
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278676

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001785		mg/L		89	80 - 120		

Lab Sample ID: LCSD 860-278676/12-A
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278676

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001786		mg/L		89	80 - 120	0	20

Lab Sample ID: LB 860-278039/1-E
Matrix: Water
Analysis Batch: 278741

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 278676

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/26/25 17:04	11/26/25 22:13	1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-277820/3
Matrix: Water
Analysis Batch: 277820

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/21/25 10:41	1

Lab Sample ID: LCS 860-277820/4
Matrix: Water
Analysis Batch: 277820

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	242.2		mg/L		97	85 - 115		

Lab Sample ID: LCSD 860-277820/5
Matrix: Water
Analysis Batch: 277820

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	243.0		mg/L		97	85 - 115	0	20

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

Lab Sample ID: MB 870-33731/1
Matrix: Water
Analysis Batch: 33731

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	<2.50	U	2.50	2.50	mg/L			11/20/25 16:04	1

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

Lab Sample ID: LCS 870-33731/2
Matrix: Water
Analysis Batch: 33731

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	1000	1015		mg/L		102	80 - 120

Lab Sample ID: LCSD 870-33731/3
Matrix: Water
Analysis Batch: 33731

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	960.0		mg/L		96	80 - 120	6	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-746339/1-A
Matrix: Water
Analysis Batch: 749146

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746339

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.216	U G	12.9	12.9	50.0	55.6	pCi/L	11/21/25 09:31	12/12/25 01:23	1
Radium-228	11.48	U	34.6	34.6	50.0	47.1	pCi/L	11/21/25 09:31	12/12/25 01:23	1
Combined Radium 226 + 228	13.70	U	36.9	36.9		55.6	pCi/L	11/21/25 09:31	12/12/25 01:23	1

Lab Sample ID: LCS 160-746339/2-A
Matrix: Water
Analysis Batch: 749147

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746339

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	142100		14600		427	pCi/L	100	75 - 125
Cesium-137	37500	37160		3640		178	pCi/L	99	75 - 125
Cobalt-60	50000	50400		4920		153	pCi/L	101	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-746315/1-A
Matrix: Water
Analysis Batch: 749247

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746315

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01592	U	0.0514	0.0514	1.00	0.103	pCi/L	11/21/25 07:38	12/15/25 21:03	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*11/21/25 07:38*	*12/15/25 21:03*	*1*

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-746315/2-A
Matrix: Water
Analysis Batch: 749247

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746315

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	7.613		0.874	1.00	0.0990	pCi/L	80	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.1*		*30 - 110*

Lab Sample ID: LCSD 160-746315/3-A
Matrix: Water
Analysis Batch: 749247

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 746315

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.57	8.307		0.931	1.00	0.0935	pCi/L	87	75 - 125	0.38	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.1*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-746323/1-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746323

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4814	U	0.452	0.454	1.00	0.722	pCi/L	11/21/25 07:50	12/12/25 09:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:51*	*1*
Y Carrier	*78.1*		*30 - 110*	*11/21/25 07:50*	*12/12/25 09:51*	*1*

Lab Sample ID: LCS 160-746323/2-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746323

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.86	10.75		1.52	1.00	0.744	pCi/L	137	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.1*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCSD 160-746323/3-A
Matrix: Water
Analysis Batch: 749171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 746323

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			7.86	10.01		1.39	1.00	0.682	pCi/L	127	75 - 125	0.26	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*87.1*		*30 - 110*
Y Carrier	*85.6*		*30 - 110*

HPLC/IC

Analysis Batch: 277892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	9056A	
MB 860-277892/68	Method Blank	Total/NA	Water	9056A	
LCS 860-277892/69	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-277892/70	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Leach Batch: 277186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-277186/1-C	Method Blank	Total/NA	Water	1311	

Filtration Batch: 277436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-277436/6-B	Method Blank	Dissolved	Water	Filtration	
LCS 860-277436/7-B	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-277436/8-B	Lab Control Sample Dup	Dissolved	Water	Filtration	

Prep Batch: 277524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	7470A	
LB 860-277186/1-C	Method Blank	Total/NA	Water	7470A	277186
MB 860-277524/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-277524/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-277524/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 277708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	7470A	277524
LB 860-277186/1-C	Method Blank	Total/NA	Water	7470A	277524
MB 860-277524/10-A	Method Blank	Total/NA	Water	7470A	277524
LCS 860-277524/11-A	Lab Control Sample	Total/NA	Water	7470A	277524
LCSD 860-277524/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	277524

Leach Batch: 277711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-277711/1-B	Method Blank	Dissolved	Water	1311	

Prep Batch: 277921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	3010A	
MB 860-277921/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277921/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277921/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 277922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	3010A	
MB 860-277922/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277922/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277922/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Metals

Leach Batch: 278039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-278039/1-E	Method Blank	Dissolved	Water	1311	

Analysis Batch: 278138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	6010D	277922
870-41701-1	SFL MW-6	Total/NA	Water	6010D	277922
MB 860-277922/1-A	Method Blank	Total/NA	Water	6010D	277922
LCS 860-277922/2-A	Lab Control Sample	Total/NA	Water	6010D	277922
LCSD 860-277922/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	277922

Prep Batch: 278151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Dissolved	Water	3010A	
LB 860-277711/1-B	Method Blank	Dissolved	Water	3010A	277711
MB 860-277436/6-B	Method Blank	Dissolved	Water	3010A	277436
LCS 860-277436/7-B	Lab Control Sample	Dissolved	Water	3010A	277436
LCSD 860-277436/8-B	Lab Control Sample Dup	Dissolved	Water	3010A	277436

Analysis Batch: 278384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	6020B	277921
870-41701-1	SFL MW-6	Total/NA	Water	6020B	277921
MB 860-277921/1-A	Method Blank	Total/NA	Water	6020B	277921
LCS 860-277921/2-A	Lab Control Sample	Total/NA	Water	6020B	277921
LCSD 860-277921/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	277921

Analysis Batch: 278460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Dissolved	Water	6010D	278151
870-41701-1	SFL MW-6	Dissolved	Water	6010D	278151
LB 860-277711/1-B	Method Blank	Dissolved	Water	6010D	278151
MB 860-277436/6-B	Method Blank	Dissolved	Water	6010D	278151
LCS 860-277436/7-B	Lab Control Sample	Dissolved	Water	6010D	278151
LCSD 860-277436/8-B	Lab Control Sample Dup	Dissolved	Water	6010D	278151

Prep Batch: 278676

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Dissolved	Water	7470A	
LB 860-278039/1-E	Method Blank	Dissolved	Water	7470A	278039
MB 860-278676/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-278676/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-278676/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 278741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Dissolved	Water	7470A	278676
LB 860-278039/1-E	Method Blank	Dissolved	Water	7470A	278676
MB 860-278676/10-A	Method Blank	Total/NA	Water	7470A	278676
LCS 860-278676/11-A	Lab Control Sample	Total/NA	Water	7470A	278676
LCSD 860-278676/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	278676

QC Association Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41701-1
SDG: Semi Anuual CCR

General Chemistry

Analysis Batch: 33731

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	SM 2540C	
MB 870-33731/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33731/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33731/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 33834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 277820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	SM 2320B	
MB 860-277820/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-277820/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-277820/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 746315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	PrecSep-21	
MB 160-746315/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-746315/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-746315/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 746323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	PrecSep_0	
MB 160-746323/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-746323/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-746323/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 746339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41701-1	SFL MW-6	Total/NA	Water	Fill_Geo-21	
MB 160-746339/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-746339/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41701-1
SDG: Semi Anuual CCR

Client Sample ID: SFL MW-6

Date Collected: 11/13/25 14:15
Date Received: 11/19/25 08:57

Lab Sample ID: 870-41701-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		100			277892	11/24/25 19:00	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	278151	11/25/25 09:21	AGR	EET HOU
Dissolved	Analysis	6010D		1			278460	11/25/25 18:28	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	278151	11/25/25 09:21	AGR	EET HOU
Dissolved	Analysis	6010D		50			278460	11/25/25 18:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		1			278384	11/25/25 16:53	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277921	11/24/25 11:30	AGR	EET HOU
Total/NA	Analysis	6020B		5			278384	11/25/25 16:57	DP	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	278676	11/26/25 17:04	PB	EET HOU
Dissolved	Analysis	7470A		1			278741	11/26/25 22:28	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	277524	11/21/25 11:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			277708	11/21/25 18:32	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			277820	11/21/25 14:01	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33731	11/20/25 17:02	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746339	11/21/25 09:31	DC	EET SL
Total/NA	Analysis	901.1		1			749151	12/12/25 13:42	MLS	EET SL
Total/NA	Prep	PrecSep-21			506.19 mL	1.0 g	746315	11/21/25 07:38	VLQ	EET SL
Total/NA	Analysis	903.0		1			749529	12/15/25 21:17	SWS	EET SL
Total/NA	Prep	PrecSep_0			506.19 mL	1.0 g	746323	11/21/25 07:50	VLQ	EET SL
Total/NA	Analysis	904.0		1			749173	12/12/25 09:55	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41701-1
SDG: Semi Anuual CCR

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 2540C		Water	Total Dissolved Solids
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228

Method Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41701-1
SDG: Semi Anuual CCR

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41701-1
SDG: Semi Anuual CCR

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-41701-1	SFL MW-6	Water	11/13/25 14:15	11/19/25 08:57	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

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12/30/2025

Client Information	Sampler: Emma Foley	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: EF 870-~~15038-5065.1~~ 14999-5042.1
Client Contact: Emma Foley	Phone: 720-242-2831	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: TX	Page:
Company: HDR Inc	PWSID:			Job #: 10290148

Address: 17111 Preston Road Suite 200	Due Date Requested:	Preservation Codes: D - HNO3, N - None
City: Dallas	TAT Requested (days):	
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No	
Phone:	PO #: Purchase Order not required	
Email: Emma.Foley@hdrinc.com	WO #:	
Project Name: EF ~~ASD Round 5 Background Sampling~~ Semi Annual CCR	Project #: 87002063	Other:
Site:	SSOW#:	

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	6010D, 6020B, 7470A total	6010D, 7470A dissolved	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
				Preservation Code:			D	D	N	N	N	D	D	N	N		
SFL MW-6	11/13/25	1415	G	Water	Y	N	X	X	X	X	X	X	X	X	X	7	Dissolved Metals field filtered
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													

870-41701 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☑ 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: 8859 0755 8992

Relinquished by: FU	Date/Time: 11/17/25 1700	Company: HDR	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 11/19/25 8:57	Company	Received by:	Date/Time: 11/19/25 8:57	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: 3.8/3.2 TH1027 CF -0.6

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9508.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-41701-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 11/26/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Semi Annual CCR	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fil_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SFL MW-6 (870-41701-1)	11/13/25	14:15 Central	G	Water			X	X	X	2	

Analysis Requested

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11/19/25-1700		NOV 19 2025	0830 NOV 20 2025	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

12/30/2025

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9510.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-41701-1
Address: 4145 Greenbriar Dr	Due Date Requested: 11/25/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Semi Annual CCR	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) LI + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SFL MW-6 (870-41701-1)	11/13/25	14.15 Central	G	Water			X	X	X	X	X	X	X	3	Field filtered dissolved metals, Field Filtered Dissolved Hg

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	11/19/25 - 700		IPX	Received	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			NOV 19 2025	NOV 20 2025	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				Time: 900	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 1.5

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41701-1
SDG Number: Semi Anuual CCR

Login Number: 41701
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41701-1
SDG Number: Semi Anuual CCR

Login Number: 41701
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 11/20/25 07:29 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41701-1
SDG Number: Semi Anuual CCR

Login Number: 41701
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 11/20/25 12:50 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 12/31/2025 10:13:27 AM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station
10290148

JOB NUMBER

870-41739-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

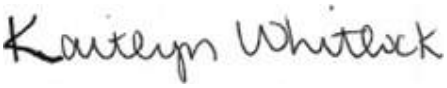
my EOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 7
Tracer Carrier Summary 24
QC Sample Results 25
QC Association Summary 37
Lab Chronicle 44
Certification Summary 51
Method Summary 52
Sample Summary 53
Chain of Custody 54
Receipt Checklists 58

Definitions/Glossary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Job Narrative
870-41739-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/20/2025 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 0.0°C, 0.4°C and 1.2°C.

HPLC/IC
Method 9056A_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-278183 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 9056A_ORGFM_28D: The following samples were diluted to bring the concentration of target analytes within the calibration range: AP MW-3D (870-41739-2), SFL MW-8D (870-41739-3), MNW-15D (870-41739-4), SFL MW-8S (870-41739-5), FD1 (870-41739-6), SFL MW-1S (Contingency) (870-41739-8) and SFL MW-2D (870-41739-11). Elevated reporting limits (RLs) are provided.

Method 9056A_ORGFM_28D: Due to the high concentration of Chloride and Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-278183 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 9056A_ORGFM_28D: The following samples were diluted due to the nature of the sample matrix: FD2 (870-41739-9) and SFL MW-7S (870-41739-10). Elevated reporting limits (RLs) are provided.

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

Metals
Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-278138 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

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

General Chemistry
Method SM4500_H+: The following samples were received outside of holding time: AP PZ-4 (870-41739-1), AP MW-3D (870-41739-2), SFL MW-8D (870-41739-3), MNW-15D (870-41739-4), SFL MW-8S (870-41739-5), FD1 (870-41739-6), SFL MW-1S (870-41739-7), SFL MW-1S (Contingency) (870-41739-8), FD2 (870-41739-9), SFL MW-7S (870-41739-10) and SFL MW-2D (870-41739-11).

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

Gamma Spectroscopy
Method 901.1_Ra: Gamma Batch 746760
The detection goal was not met for Ra-226 and/or Ra-228 for the following sample(s). An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra-226 and Ra-228 are well below the RL and MDC.

Job ID: 870-41739-1 (Continued) Eurofins Dallas

AP PZ-4 (870-41739-1), AP MW-3D (870-41739-2), SFL MW-8D (870-41739-3), MNW-15D (870-41739-4), SFL MW-8S (870-41739-5), SFL MW-1S (870-41739-7), SFL MW-7S (870-41739-10), SFL MW-2D (870-41739-11) and (870-41739-A-1-B DU)

Method 901.1_Ra: Gamma Batch 746760
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

AP PZ-4 (870-41739-1), AP MW-3D (870-41739-2), SFL MW-8D (870-41739-3), MNW-15D (870-41739-4), SFL MW-8S (870-41739-5), FD1 (870-41739-6), SFL MW-1S (870-41739-7), SFL MW-1S (Contingency) (870-41739-8), FD2 (870-41739-9), SFL MW-7S (870-41739-10), SFL MW-2D (870-41739-11) and (870-41739-A-1-B DU)

Method 901.1_Ra: Gamma Batch 746760
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-226 and Ra-228. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-746760/1-A).

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

Gas Flow Proportional Counter
Method 904.0: Radium-228 batch 747099
The LCS recovered at (131%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required

(LCS 160-747099/2-A)

Method 904.0: Radium-228 batch 747099
The detection goal was not met for the following sample due to the reduced sample volume used for prep attributed to the presence of matrix interferences: AP MW-3D (870-41739-2). Analytical results are reported with the detection limit achieved.

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

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Client Sample ID: AP PZ-4

Date Collected: 11/18/25 14:10
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-1

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2430**		5.00	2.50	mg/L			12/01/25 21:21	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 21:03	1
Sulfate	**112**		0.500	0.200	mg/L			11/25/25 21:03	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.375**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 19:54	1
Calcium	**475**		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 19:54	1
Magnesium	**11.9**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 19:54	1
Potassium	**62.9**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 19:54	1
Sodium	**825**		25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:02	50
Lithium	**0.547**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 19:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0417**		0.0200	0.00549	mg/L		11/25/25 11:49	11/25/25 20:57	1
Antimony	**0.00152**	**J**	0.00200	0.000750	mg/L		11/25/25 11:49	11/26/25 14:35	1
Arsenic	**0.000942**	**J**	0.00400	0.000690	mg/L		11/25/25 11:49	11/25/25 20:57	1
Barium	**0.220**		0.00400	0.00134	mg/L		11/25/25 11:49	11/26/25 14:35	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/25/25 11:49	11/25/25 20:57	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/25/25 11:49	11/25/25 20:57	1
Chromium	**0.000986**	**J**	0.00400	0.000560	mg/L		11/25/25 11:49	11/25/25 20:57	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/25/25 11:49	11/25/25 20:57	1
Iron	**0.00722**	**J**	0.0200	0.00445	mg/L		11/25/25 11:49	11/25/25 20:57	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/25/25 11:49	11/25/25 20:57	1
Molybdenum	**0.00114**	**J**	0.00200	0.000255	mg/L		11/25/25 11:49	11/25/25 20:57	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/25/25 11:49	11/25/25 20:57	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/25/25 11:49	11/25/25 20:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**17.3**		4.00	4.00	mg/L			11/24/25 09:49	1
Total Dissolved Solids (SM 2540C)	**4040**		20.0	20.0	mg/L			11/21/25 10:05	1
pH (SM 4500 H+ B)	**8.6**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**19.9**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	5.85	U G	7.91	7.93	50.0	50.7	pCi/L	11/24/25 11:39	12/15/25 08:55	1
Radium-228	25.7	U	27.6	27.7	50.0	46.1	pCi/L	11/24/25 11:39	12/15/25 08:55	1
Combined Radium 226 + 228	31.5	U	28.7	28.8		50.7	pCi/L	11/24/25 11:39	12/15/25 08:55	1

Client Sample ID: AP PZ-4

Date Collected: 11/18/25 14:10
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.783**		0.288	0.296	1.00	0.317	pCi/L	11/26/25 08:42	12/22/25 22:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.7*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.09**		0.753	0.777	1.00	0.992	pCi/L	11/26/25 08:47	12/21/25 11:02	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*66.7*		*30 - 110*	*11/26/25 08:47*	*12/21/25 11:02*	*1*
Y Carrier	*77.0*		*30 - 110*	*11/26/25 08:47*	*12/21/25 11:02*	*1*

Client Sample ID: AP MW-3D

Date Collected: 11/18/25 17:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-2

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		0.500	0.250	mg/L			12/01/25 21:28	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 21:23	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**713**		5.00	2.00	mg/L			11/25/25 21:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.50**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 19:56	1
Calcium	**192**		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 19:56	1
Magnesium	**25.0**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 19:56	1
Potassium	**20.3**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 19:56	1
Sodium	**260**		0.500	0.152	mg/L		11/24/25 11:33	11/24/25 19:56	1
Lithium	**0.111**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 19:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.679**		0.0200	0.00549	mg/L		11/25/25 11:49	11/25/25 21:00	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:49	11/26/25 14:38	1
Arsenic	**0.00667**		0.00400	0.000690	mg/L		11/25/25 11:49	11/25/25 21:00	1
Barium	**0.0321**		0.00400	0.00134	mg/L		11/25/25 11:49	11/26/25 14:38	1
Beryllium	**0.00131**	**J**	0.00200	0.000271	mg/L		11/25/25 11:49	11/25/25 21:00	1
Cadmium	**0.000472**	**J**	0.00200	0.000240	mg/L		11/25/25 11:49	11/25/25 21:00	1
Chromium	**0.00100**	**J**	0.00400	0.000560	mg/L		11/25/25 11:49	11/25/25 21:00	1
Cobalt	**0.0314**		0.00200	0.000355	mg/L		11/25/25 11:49	11/25/25 21:00	1
Iron	**2.30**		0.0200	0.00445	mg/L		11/25/25 11:49	11/25/25 21:00	1
Lead	**0.000833**	**J**	0.00200	0.000367	mg/L		11/25/25 11:49	11/25/25 21:00	1

Client Sample ID: AP MW-3D

Lab Sample ID: 870-41739-2

Date Collected: 11/18/25 17:55
Matrix: Water
Date Received: 11/20/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**0.000866**	**J**	0.00200	0.000255	mg/L		11/25/25 11:49	11/25/25 21:00	1
Selenium	**0.00169**	**J**	0.00200	0.000590	mg/L		11/25/25 11:49	11/25/25 21:00	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/25/25 11:49	11/25/25 21:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**24.0**		4.00	4.00	mg/L			11/24/25 10:24	1
Total Dissolved Solids (SM 2540C)	**1470**		10.0	10.0	mg/L			11/21/25 10:05	1
pH (SM 4500 H+ B)	**5.7**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**20.0**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-4.70	U G	15.5	15.5	50.0	54.5	pCi/L	11/24/25 11:39	12/15/25 08:54	1
Radium-228	0.889	U G	9.08	9.08	50.0	50.6	pCi/L	11/24/25 11:39	12/15/25 08:54	1
Combined Radium 226 + 228	-3.81	U	18.0	18.0		54.5	pCi/L	11/24/25 11:39	12/15/25 08:54	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.453**		0.246	0.250	1.00	0.300	pCi/L	11/26/25 08:42	12/22/25 22:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.8*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.70**	**G**	0.843	0.858	1.00	1.19	pCi/L	11/26/25 08:47	12/21/25 12:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.8*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*
Y Carrier	*82.6*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*

Client Sample ID: SFL MW-8D

Lab Sample ID: 870-41739-3

Date Collected: 11/19/25 11:00
Matrix: Water
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**422**		0.500	0.250	mg/L			12/01/25 21:58	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 21:43	1

Client Sample ID: SFL MW-8D

Date Collected: 11/19/25 11:00
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-3

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**502**		5.00	2.00	mg/L			11/25/25 21:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.596**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 19:57	1
Calcium	**157**		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 19:57	1
Magnesium	**28.4**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 19:57	1
Potassium	**25.4**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 19:57	1
Sodium	**342**		0.500	0.152	mg/L		11/24/25 11:33	11/24/25 19:57	1
Lithium	**0.187**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 19:57	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0156**	**J**	0.0200	0.00549	mg/L		11/25/25 11:49	11/25/25 21:03	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:49	11/26/25 14:41	1
Arsenic	**0.00207**	**J**	0.00400	0.000690	mg/L		11/25/25 11:49	11/25/25 21:03	1
Barium	**0.0384**		0.00400	0.00134	mg/L		11/25/25 11:49	11/26/25 14:41	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/25/25 11:49	11/25/25 21:03	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/25/25 11:49	11/25/25 21:03	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/25/25 11:49	11/25/25 21:03	1
Cobalt	**0.00147**	**J**	0.00200	0.000355	mg/L		11/25/25 11:49	11/25/25 21:03	1
Iron	**1.03**		0.0200	0.00445	mg/L		11/25/25 11:49	11/25/25 21:03	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/25/25 11:49	11/25/25 21:03	1
Molybdenum	**0.00128**	**J**	0.00200	0.000255	mg/L		11/25/25 11:49	11/25/25 21:03	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/25/25 11:49	11/25/25 21:03	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/25/25 11:49	11/25/25 21:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**142**		4.00	4.00	mg/L			11/24/25 17:03	1
Total Dissolved Solids (SM 2540C)	**1540**		10.0	10.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**6.8**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**34.9**		20.9	21.2	50.0	27.2	pCi/L	11/24/25 11:39	12/15/25 08:54	1
Radium-228	11.9	U G	35.9	35.9	50.0	55.4	pCi/L	11/24/25 11:39	12/15/25 08:54	1
Combined Radium 226 + 228	46.8	U	41.5	41.7		55.4	pCi/L	11/24/25 11:39	12/15/25 08:54	1

Client Sample ID: SFL MW-8D

Lab Sample ID: 870-41739-3
Matrix: Water
Date Collected: 11/19/25 11:00
Date Received: 11/20/25 11:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.298**		0.173	0.175	1.00	0.225	pCi/L	11/26/25 08:42	12/22/25 22:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.0*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.956**		0.488	0.496	1.00	0.670	pCi/L	11/26/25 08:47	12/21/25 12:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.0*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*
Y Carrier	*83.0*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*

Client Sample ID: MNW-15D

Lab Sample ID: 870-41739-4
Matrix: Water
Date Collected: 11/19/25 12:30
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**929**		5.00	2.50	mg/L			12/01/25 22:35	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 22:23	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**973**		5.00	2.00	mg/L			11/25/25 22:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.362**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:10	1
Calcium	**304**		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 20:10	1
Magnesium	**47.4**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:10	1
Potassium	**40.2**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:10	1
Sodium	**660**	**^2**	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:18	50
Lithium	**0.286**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:10	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 09:04	11/25/25 00:21	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 09:04	11/25/25 00:21	1
Arsenic	**0.000933**	**J**	0.00400	0.000690	mg/L		11/24/25 09:04	11/25/25 00:21	1
Barium	**0.0381**		0.00400	0.00134	mg/L		11/24/25 09:04	11/25/25 00:21	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 09:04	11/25/25 00:21	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 09:04	11/25/25 00:21	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 09:04	11/25/25 00:21	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 09:04	11/25/25 00:21	1
Iron	**1.90**		0.0200	0.00445	mg/L		11/24/25 09:04	11/25/25 16:56	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 09:04	11/25/25 00:21	1

Client Sample ID: MNW-15D

Lab Sample ID: 870-41739-4

Date Collected: 11/19/25 12:30
Matrix: Water
Date Received: 11/20/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**0.000309**	**J**	0.00200	0.000255	mg/L		11/24/25 09:04	11/25/25 00:21	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 09:04	11/25/25 00:21	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 09:04	11/25/25 00:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**106**		4.00	4.00	mg/L			11/24/25 17:09	1
Total Dissolved Solids (SM 2540C)	**2800**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**6.6**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**19.4**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**39.5**		20.4	20.8	50.0	24.3	pCi/L	11/24/25 11:39	12/15/25 10:28	1
Radium-228	10.5	U G	35.5	35.5	50.0	50.6	pCi/L	11/24/25 11:39	12/15/25 10:28	1
Combined Radium 226 + 228	50.0	U	40.9	41.1		50.6	pCi/L	11/24/25 11:39	12/15/25 10:28	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.356**		0.175	0.178	1.00	0.194	pCi/L	11/26/25 08:42	12/22/25 22:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.5*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.570	U	0.590	0.592	1.00	0.959	pCi/L	11/26/25 08:47	12/21/25 12:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.5*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*
Y Carrier	*82.2*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*

Client Sample ID: SFL MW-8S

Lab Sample ID: 870-41739-5

Date Collected: 11/19/25 09:00
Matrix: Water
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1320**		5.00	2.50	mg/L			12/01/25 22:20	10
Fluoride	**0.760**		0.500	0.100	mg/L			11/25/25 22:03	1

Client Sample ID: SFL MW-8S

Date Collected: 11/19/25 09:00
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-5

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1190**		5.00	2.00	mg/L			11/25/25 22:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**18.8**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:11	1
Calcium	**499**		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 20:11	1
Magnesium	**115**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:11	1
Potassium	**30.2**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:11	1
Sodium	**695**	**^2**	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:19	50
Lithium	**0.367**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**9.11**		0.0200	0.00549	mg/L		11/25/25 11:49	11/25/25 21:06	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:49	11/26/25 14:44	1
Arsenic	**0.0100**		0.00400	0.000690	mg/L		11/25/25 11:49	11/25/25 21:06	1
Barium	**0.0227**		0.00400	0.00134	mg/L		11/25/25 11:49	11/26/25 14:44	1
Beryllium	**0.0387**		0.00200	0.000271	mg/L		11/25/25 11:49	11/25/25 21:06	1
Cadmium	**0.00545**		0.00200	0.000240	mg/L		11/25/25 11:49	11/25/25 21:06	1
Chromium	**0.000819**	**J**	0.00400	0.000560	mg/L		11/25/25 11:49	11/25/25 21:06	1
Cobalt	**0.109**		0.00200	0.000355	mg/L		11/25/25 11:49	11/25/25 21:06	1
Iron	**29.2**		0.0200	0.00445	mg/L		11/25/25 11:49	11/25/25 21:06	1
Lead	**0.0233**		0.00200	0.000367	mg/L		11/25/25 11:49	11/25/25 21:06	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/25/25 11:49	11/25/25 21:06	1
Selenium	**0.0376**		0.00200	0.000590	mg/L		11/25/25 11:49	11/25/25 21:06	1
Thallium	**0.00322**		0.00200	0.000415	mg/L		11/25/25 11:49	11/25/25 21:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/24/25 17:15	1
Total Dissolved Solids (SM 2540C)	**4240**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**4.0**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**19.7**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**31.4**		26.3	26.4	50.0	26.3	pCi/L	11/24/25 11:39	12/15/25 10:32	1
Radium-228	-13.3	U G	25.9	25.9	50.0	55.5	pCi/L	11/24/25 11:39	12/15/25 10:32	1
Combined Radium 226 + 228	18.1	U	36.9	37.0		55.5	pCi/L	11/24/25 11:39	12/15/25 10:32	1

Client Sample ID: SFL MW-8S

Lab Sample ID: 870-41739-5
Matrix: Water
Date Collected: 11/19/25 09:00
Date Received: 11/20/25 11:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.847		0.268	0.278	1.00	0.246	pCi/L	11/26/25 08:42	12/22/25 22:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.4*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.52		0.804	0.866	1.00	0.801	pCi/L	11/26/25 08:47	12/21/25 12:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.4*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*
Y Carrier	*82.6*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*

Client Sample ID: FD1

Lab Sample ID: 870-41739-6
Matrix: Water
Date Collected: 11/19/25 09:30
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1310		5.00	2.50	mg/L			12/01/25 22:49	10
Fluoride	1.02		0.500	0.100	mg/L			11/25/25 23:23	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1440		5.00	2.00	mg/L			11/25/25 23:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	19.1		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:13	1
Calcium	515		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 20:13	1
Magnesium	116		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:13	1
Potassium	30.8		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:13	1
Sodium	695	^2	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:21	50
Lithium	0.386		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10.2		0.0200	0.00549	mg/L		11/24/25 09:04	11/25/25 00:24	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 09:04	11/25/25 00:24	1
Arsenic	0.0101		0.00400	0.000690	mg/L		11/24/25 09:04	11/25/25 00:24	1
Barium	0.0196		0.00400	0.00134	mg/L		11/24/25 09:04	11/25/25 00:24	1
Beryllium	0.0462		0.00200	0.000271	mg/L		11/24/25 09:04	11/25/25 00:24	1
Cadmium	0.00740		0.00200	0.000240	mg/L		11/24/25 09:04	11/25/25 00:24	1
Chromium	0.000762	J	0.00400	0.000560	mg/L		11/24/25 09:04	11/25/25 00:24	1
Cobalt	0.112		0.00200	0.000355	mg/L		11/24/25 09:04	11/25/25 00:24	1
Iron	40.8		2.00	0.445	mg/L		11/24/25 09:04	11/25/25 16:59	100
Lead	0.0270		0.00200	0.000367	mg/L		11/24/25 09:04	11/25/25 00:24	1

Client Sample ID: FD1

Lab Sample ID: 870-41739-6

Date Collected: 11/19/25 09:30
Matrix: Water
Date Received: 11/20/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 09:04	11/25/25 00:24	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 09:04	11/25/25 00:24	1
Thallium	**0.00347**		0.00200	0.000415	mg/L		11/24/25 09:04	11/25/25 00:24	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/24/25 16:17	1
Total Dissolved Solids (SM 2540C)	**4210**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**3.8**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**19.0**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**29.1**		23.3	23.5	50.0	27.9	pCi/L	11/24/25 11:39	12/15/25 10:30	1
Radium-228	30.5	U	30.9	31.0	50.0	46.1	pCi/L	11/24/25 11:39	12/15/25 10:30	1
Combined Radium 226 + 228	**59.7**		38.7	38.9		46.1	pCi/L	11/24/25 11:39	12/15/25 10:30	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.835**		0.261	0.272	1.00	0.234	pCi/L	11/26/25 08:42	12/22/25 22:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.8*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.43**		0.796	0.856	1.00	0.816	pCi/L	11/26/25 08:47	12/21/25 12:31	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.8*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*
Y Carrier	*82.6*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:31*	*1*

Client Sample ID: SFL MW-1S

Lab Sample ID: 870-41739-7

Date Collected: 11/19/25 12:25
Matrix: Water
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2770**		5.00	2.50	mg/L			12/01/25 23:04	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 23:43	1

Client Sample ID: SFL MW-1S

Date Collected: 11/19/25 12:25
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-7

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**1450**		5.00	2.00	mg/L			11/25/25 23:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.351**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:14	1
Calcium	**586**		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 20:14	1
Magnesium	**93.5**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:14	1
Potassium	**43.2**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:14	1
Sodium	**1170**	**^2**	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:22	50
Lithium	**0.321**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 09:04	11/25/25 00:31	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 09:04	11/25/25 00:31	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 09:04	11/25/25 00:31	1
Barium	**0.0447**		0.00400	0.00134	mg/L		11/24/25 09:04	11/25/25 00:31	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 09:04	11/25/25 00:31	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 09:04	11/25/25 00:31	1
Chromium	**0.00620**		0.00400	0.000560	mg/L		11/24/25 09:04	11/25/25 00:31	1
Cobalt	**0.00292**		0.00200	0.000355	mg/L		11/24/25 09:04	11/25/25 00:31	1
Iron	**0.631**		0.0200	0.00445	mg/L		11/24/25 09:04	11/25/25 17:11	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 09:04	11/25/25 00:31	1
Molybdenum	**0.00258**		0.00200	0.000255	mg/L		11/24/25 09:04	11/25/25 00:31	1
Selenium	**0.00115**	**J**	0.00200	0.000590	mg/L		11/24/25 09:04	11/25/25 00:31	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 09:04	11/25/25 00:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**156**		4.00	4.00	mg/L			11/24/25 09:43	1
Total Dissolved Solids (SM 2540C)	**6120**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**6.5**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**18.6**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	6.36	U G	18.1	18.1	50.0	63.4	pCi/L	11/24/25 11:39	12/15/25 10:27	1
Radium-228	4.45	U G	18.9	18.9	50.0	52.1	pCi/L	11/24/25 11:39	12/15/25 10:27	1
Combined Radium 226 + 228	10.8	U	26.2	26.2		63.4	pCi/L	11/24/25 11:39	12/15/25 10:27	1

Client Sample ID: SFL MW-1S

Lab Sample ID: 870-41739-7
Matrix: Water
Date Collected: 11/19/25 12:25
Date Received: 11/20/25 11:00

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.36		0.313	0.337	1.00	0.205	pCi/L	11/26/25 08:42	12/22/25 22:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.2*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.70		0.966	1.10	1.00	0.783	pCi/L	11/26/25 08:47	12/21/25 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.2*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:33*	*1*
Y Carrier	*79.3*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:33*	*1*

Client Sample ID: SFL MW-1S (Contingency)

Lab Sample ID: 870-41739-8
Matrix: Water
Date Collected: 11/19/25 08:55
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2550		5.00	2.50	mg/L			12/01/25 23:33	10
Fluoride	0.862		0.500	0.100	mg/L			11/26/25 00:03	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2120		5.00	2.00	mg/L			11/26/25 00:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.233		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:16	1
Calcium	900		10.0	5.08	mg/L		11/24/25 11:33	11/24/25 20:24	50
Magnesium	174		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:16	1
Potassium	17.7		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:16	1
Sodium	805	^2	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:24	50
Lithium	0.293		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4.71		0.0200	0.00549	mg/L		11/24/25 09:04	11/25/25 00:34	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 09:04	11/25/25 00:34	1
Arsenic	0.00971		0.00400	0.000690	mg/L		11/24/25 09:04	11/25/25 00:34	1
Barium	0.0227		0.00400	0.00134	mg/L		11/24/25 09:04	11/25/25 00:34	1
Beryllium	0.0506		0.00200	0.000271	mg/L		11/24/25 09:04	11/25/25 00:34	1
Cadmium	0.0426		0.00200	0.000240	mg/L		11/24/25 09:04	11/25/25 00:34	1
Chromium	0.000919	J	0.00400	0.000560	mg/L		11/24/25 09:04	11/25/25 00:34	1
Cobalt	0.235		0.00200	0.000355	mg/L		11/24/25 09:04	11/25/25 00:34	1
Iron	3.70		0.0200	0.00445	mg/L		11/24/25 09:04	11/25/25 17:14	1
Lead	0.00431		0.00200	0.000367	mg/L		11/24/25 09:04	11/25/25 00:34	1

Client Sample ID: SFL MW-1S (Contingency)

Lab Sample ID: 870-41739-8
Date Collected: 11/19/25 08:55
Matrix: Water
Date Received: 11/20/25 11:00

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 09:04	11/25/25 00:34	1
Selenium	**0.00210**		0.00200	0.000590	mg/L		11/24/25 09:04	11/25/25 00:34	1
Thallium	**0.00500**		0.00200	0.000415	mg/L		11/24/25 09:04	11/25/25 00:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/24/25 16:22	1
Total Dissolved Solids (SM 2540C)	**6260**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**4.7**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**18.8**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	29.5	U	24.6	24.8	50.0	35.3	pCi/L	11/24/25 11:39	12/15/25 12:25	1
Radium-228	24.4	U	29.7	29.8	50.0	42.3	pCi/L	11/24/25 11:39	12/15/25 12:25	1
Combined Radium 226 + 228	**53.9**		38.6	38.8		42.3	pCi/L	11/24/25 11:39	12/15/25 12:25	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.556**		0.206	0.212	1.00	0.192	pCi/L	11/26/25 08:42	12/22/25 22:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.44**		0.589	0.604	1.00	0.772	pCi/L	11/26/25 08:47	12/21/25 12:33	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:33*	*1*
Y Carrier	*80.7*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:33*	*1*

Client Sample ID: FD2

Lab Sample ID: 870-41739-9
Date Collected: 11/19/25 10:55
Matrix: Water
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4050**		5.00	2.50	mg/L			12/01/25 22:55	10
Fluoride	<1.00	U	5.00	1.00	mg/L			11/26/25 02:23	10
Sulfate	**1480**		5.00	2.00	mg/L			11/26/25 02:23	10

Client Sample ID: FD2

Date Collected: 11/19/25 10:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-9

Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.834**		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:28	1
Calcium	**1020**		10.0	5.08	mg/L		11/24/25 11:33	11/24/25 20:36	50
Magnesium	**214**		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:28	1
Potassium	**41.3**		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:28	1
Sodium	**1750**	**^2**	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:36	50
Lithium	**0.626**		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00938**	**J**	0.0200	0.00549	mg/L		11/25/25 11:51	11/27/25 02:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:51	11/27/25 02:15	1
Arsenic	**0.00186**	**J**	0.00400	0.000690	mg/L		11/25/25 11:51	11/27/25 02:15	1
Barium	**0.0316**		0.00400	0.00134	mg/L		11/25/25 11:51	11/27/25 02:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/25/25 11:51	11/27/25 02:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/25/25 11:51	11/27/25 02:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/25/25 11:51	11/27/25 02:15	1
Cobalt	**0.00134**	**J**	0.00200	0.000355	mg/L		11/25/25 11:51	11/27/25 02:15	1
Iron	**0.741**		0.0200	0.00445	mg/L		11/25/25 11:51	11/27/25 02:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/25/25 11:51	11/27/25 02:15	1
Molybdenum	**0.000450**	**J**	0.00200	0.000255	mg/L		11/25/25 11:51	11/27/25 02:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/25/25 11:51	11/27/25 02:15	1
Thallium	**0.000631**	**J**	0.00200	0.000415	mg/L		11/25/25 11:51	11/27/25 02:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**112**		4.00	4.00	mg/L			11/24/25 10:30	1
Total Dissolved Solids (SM 2540C)	**9300**		50.0	50.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**5.9**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**18.8**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**37.4**		20.9	21.2	50.0	26.5	pCi/L	11/24/25 11:39	12/15/25 12:26	1
Radium-228	9.64	U	25.9	25.9	50.0	43.3	pCi/L	11/24/25 11:39	12/15/25 12:26	1
Combined Radium 226 + 228	**47.0**		33.3	33.5		43.3	pCi/L	11/24/25 11:39	12/15/25 12:26	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.52**		0.343	0.370	1.00	0.245	pCi/L	11/26/25 08:42	12/22/25 22:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:53*	*1*

Client Sample ID: FD2

Lab Sample ID: 870-41739-9
Date Collected: 11/19/25 10:55
Matrix: Water
Date Received: 11/20/25 11:00

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	7.07		1.10	1.27	1.00	0.921	pCi/L	11/26/25 08:47	12/21/25 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.2*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:34*	*1*
Y Carrier	*80.4*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:34*	*1*

Client Sample ID: SFL MW-7S

Lab Sample ID: 870-41739-10
Date Collected: 11/19/25 10:25
Matrix: Water
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4160		5.00	2.50	mg/L			12/01/25 22:35	10
Fluoride	<1.00	U	5.00	1.00	mg/L			11/26/25 02:03	10
Sulfate	1540		5.00	2.00	mg/L			11/26/25 02:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.761		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:30	1
Calcium	1080		10.0	5.08	mg/L		11/24/25 11:33	11/24/25 20:38	50
Magnesium	225		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:30	1
Potassium	40.4		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:30	1
Sodium	1840	^2	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:38	50
Lithium	0.624		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0262		0.0200	0.00549	mg/L		11/25/25 11:51	11/27/25 02:18	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:51	11/27/25 02:18	1
Arsenic	0.00245	J	0.00400	0.000690	mg/L		11/25/25 11:51	11/27/25 02:18	1
Barium	0.0322		0.00400	0.00134	mg/L		11/25/25 11:51	11/27/25 02:18	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/25/25 11:51	11/27/25 02:18	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/25/25 11:51	11/27/25 02:18	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/25/25 11:51	11/27/25 02:18	1
Cobalt	0.00155	J	0.00200	0.000355	mg/L		11/25/25 11:51	11/27/25 02:18	1
Iron	0.735		0.0200	0.00445	mg/L		11/25/25 11:51	11/27/25 02:18	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/25/25 11:51	11/27/25 02:18	1
Molybdenum	0.000392	J	0.00200	0.000255	mg/L		11/25/25 11:51	11/27/25 02:18	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/25/25 11:51	11/27/25 02:18	1
Thallium	0.000754	J	0.00200	0.000415	mg/L		11/25/25 11:51	11/27/25 02:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	109		4.00	4.00	mg/L			11/24/25 16:57	1
Total Dissolved Solids (SM 2540C)	9340		50.0	50.0	mg/L			11/24/25 16:29	1

Client Sample ID: SFL MW-7S

Lab Sample ID: 870-41739-10
Date Collected: 11/19/25 10:25
Matrix: Water
Date Received: 11/20/25 11:00

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	5.9	HF			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	18.6	HF			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	54.3		24.0	24.5	50.0	29.0	pCi/L	11/24/25 11:39	12/15/25 12:28	1
Radium-228	7.34	U G	14.3	14.4	50.0	50.9	pCi/L	11/24/25 11:39	12/15/25 12:28	1
Combined Radium 226 + 228	61.7		27.9	28.4		50.9	pCi/L	11/24/25 11:39	12/15/25 12:28	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.94		0.379	0.417	1.00	0.206	pCi/L	11/26/25 08:42	12/22/25 22:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.4*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:53*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	7.71		1.16	1.36	1.00	0.877	pCi/L	11/26/25 08:47	12/21/25 12:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.4*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:34*	*1*
Y Carrier	*74.0*		*30 - 110*	*11/26/25 08:47*	*12/21/25 12:34*	*1*

Client Sample ID: SFL MW-2D

Lab Sample ID: 870-41739-11
Date Collected: 11/19/25 12:55
Matrix: Water
Date Received: 11/20/25 11:00

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1190		5.00	2.50	mg/L			12/02/25 00:05	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/26/25 00:23	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	1670		5.00	2.00	mg/L			11/26/25 00:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.93		0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 20:32	1
Calcium	410		0.200	0.102	mg/L		11/24/25 11:33	11/24/25 20:32	1
Magnesium	53.9		0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 20:32	1
Potassium	49.3		0.500	0.106	mg/L		11/24/25 11:33	11/24/25 20:32	1
Sodium	1010	^2	25.0	7.59	mg/L		11/24/25 11:33	11/24/25 20:39	50
Lithium	0.456		0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 20:32	1

Client Sample ID: SFL MW-2D

Date Collected: 11/19/25 12:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-11

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0728**		0.0200	0.00549	mg/L		11/25/25 11:51	12/01/25 15:47	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:51	11/27/25 02:21	1
Arsenic	**0.00559**		0.00400	0.000690	mg/L		11/25/25 11:51	11/27/25 02:21	1
Barium	**0.0221**		0.00400	0.00134	mg/L		11/25/25 11:51	11/27/25 02:21	1
Beryllium	**0.000293**	**J**	0.00200	0.000271	mg/L		11/25/25 11:51	11/27/25 02:21	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/25/25 11:51	11/27/25 02:21	1
Chromium	**0.000624**	**J**	0.00400	0.000560	mg/L		11/25/25 11:51	11/27/25 02:21	1
Cobalt	**0.00426**		0.00200	0.000355	mg/L		11/25/25 11:51	11/27/25 02:21	1
Iron	**0.303**		0.0200	0.00445	mg/L		11/25/25 11:51	11/27/25 02:21	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/25/25 11:51	11/27/25 02:21	1
Molybdenum	**0.000905**	**J**	0.00200	0.000255	mg/L		11/25/25 11:51	11/27/25 02:21	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/25/25 11:51	11/27/25 02:21	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/25/25 11:51	11/27/25 02:21	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**68.0**		4.00	4.00	mg/L			11/24/25 16:41	1
Total Dissolved Solids (SM 2540C)	**4240**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**6.2**	**HF**			SU			11/25/25 12:45	1
Temperature (SM 4500 H+ B)	**19.0**	**HF**			Celsius			11/25/25 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**40.0**		23.6	23.9	50.0	30.7	pCi/L	11/24/25 11:39	12/15/25 12:29	1
Radium-228	5.96	U G	18.3	18.3	50.0	51.5	pCi/L	11/24/25 11:39	12/15/25 12:29	1
Combined Radium 226 + 228	45.9	U	29.9	30.1		51.5	pCi/L	11/24/25 11:39	12/15/25 12:29	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.570**		0.200	0.206	1.00	0.196	pCi/L	12/01/25 08:55	12/23/25 08:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*12/01/25 08:55*	*12/23/25 08:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.67**		0.588	0.607	1.00	0.728	pCi/L	12/01/25 08:57	12/21/25 13:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:23*	*1*

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Client Sample ID: SFL MW-2D
Date Collected: 11/19/25 12:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-11
Matrix: Water

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	86.0		30 - 110	12/01/25 08:57	12/21/25 13:23	1

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
870-41739-1	AP PZ-4	66.7
870-41739-2	AP MW-3D	72.8
870-41739-3	SFL MW-8D	81.0
870-41739-4	MNW-15D	76.5
870-41739-5	SFL MW-8S	73.4
870-41739-6	FD1	74.8
870-41739-7	SFL MW-1S	76.2
870-41739-8	SFL MW-1S (Contingency)	81.2
870-41739-9	FD2	74.2
870-41739-10	SFL MW-7S	73.4
870-41739-11	SFL MW-2D	86.3
LCS 160-747098/2-A	Lab Control Sample	81.8
LCS 160-747223/2-A	Lab Control Sample	80.4
MB 160-747098/1-A	Method Blank	83.2
MB 160-747223/1-A	Method Blank	80.7

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
870-41739-1	AP PZ-4	66.7	77.0
870-41739-2	AP MW-3D	72.8	82.6
870-41739-3	SFL MW-8D	81.0	83.0
870-41739-4	MNW-15D	76.5	82.2
870-41739-5	SFL MW-8S	73.4	82.6
870-41739-6	FD1	74.8	82.6
870-41739-7	SFL MW-1S	76.2	79.3
870-41739-8	SFL MW-1S (Contingency)	81.2	80.7
870-41739-9	FD2	74.2	80.4
870-41739-10	SFL MW-7S	73.4	74.0
870-41739-11	SFL MW-2D	86.3	86.0
LCS 160-747099/2-A	Lab Control Sample	81.8	80.7
LCS 160-747224/2-A	Lab Control Sample	80.4	83.4
MB 160-747099/1-A	Method Blank	83.2	80.4
MB 160-747224/1-A	Method Blank	80.7	80.7

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-278183/45
Matrix: Water
Analysis Batch: 278183

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			11/25/25 19:13	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/25/25 19:13	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/25/25 19:13	1

Lab Sample ID: LCS 860-278183/46
Matrix: Water
Analysis Batch: 278183

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	10.0	9.718		mg/L		97	90 - 110
Sulfate	10.0	9.388		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-278183/47
Matrix: Water
Analysis Batch: 278183

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	10.0	9.728		mg/L		97	90 - 110	0	20
Sulfate	10.0	9.424		mg/L		94	90 - 110	0	20

Lab Sample ID: LLCS 860-278183/49
Matrix: Water
Analysis Batch: 278183

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4805	J	mg/L		96	50 - 150
Fluoride	0.500	0.4745	J	mg/L		95	50 - 150
Sulfate	0.500	0.5011		mg/L		100	50 - 150

Lab Sample ID: 870-41739-4 MS
Matrix: Water
Analysis Batch: 278183

Client Sample ID: MNW-15D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	<0.100	U	10.0	9.819		mg/L		98	90 - 110

Lab Sample ID: 870-41739-4 MSD
Matrix: Water
Analysis Batch: 278183

Client Sample ID: MNW-15D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	<0.100	U	10.0	10.05		mg/L		101	90 - 110	2	15

Lab Sample ID: MB 860-278922/44
Matrix: Water
Analysis Batch: 278922

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			12/01/25 16:12	1
Fluoride	<0.100	U	0.500	0.100	mg/L			12/01/25 16:12	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-278922/44
Matrix: Water
Analysis Batch: 278922

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	<0.200	U	0.500	0.200	mg/L			12/01/25 16:12	1

Lab Sample ID: LCS 860-278922/45
Matrix: Water
Analysis Batch: 278922

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.993		mg/L		100	90 - 110
Fluoride	10.0	10.34		mg/L		103	90 - 110
Sulfate	10.0	9.055		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-278922/46
Matrix: Water
Analysis Batch: 278922

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.976		mg/L		100	90 - 110	0	20
Fluoride	10.0	10.29		mg/L		103	90 - 110	1	20
Sulfate	10.0	9.056		mg/L		91	90 - 110	0	20

Lab Sample ID: MB 860-278949/20
Matrix: Water
Analysis Batch: 278949

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			12/01/25 15:44	1
Fluoride	<0.100	U	0.500	0.100	mg/L			12/01/25 15:44	1
Sulfate	<0.200	U	0.500	0.200	mg/L			12/01/25 15:44	1

Lab Sample ID: LCS 860-278949/21
Matrix: Water
Analysis Batch: 278949

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.104		mg/L		91	90 - 110
Fluoride	10.0	10.85		mg/L		108	90 - 110
Sulfate	10.0	9.579		mg/L		96	90 - 110

Lab Sample ID: LCSD 860-278949/22
Matrix: Water
Analysis Batch: 278949

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.126		mg/L		91	90 - 110	0	20
Fluoride	10.0	10.83		mg/L		108	90 - 110	0	20
Sulfate	10.0	9.426		mg/L		94	90 - 110	2	20

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-278949/24
Matrix: Water
Analysis Batch: 278949

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4966	J	mg/L		99	50 - 150
Fluoride	0.500	0.3343	J	mg/L		67	50 - 150
Sulfate	0.500	0.3432	J	mg/L		69	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-277922/1-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277922

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		11/24/25 11:33	11/24/25 19:04	1
Calcium	<0.102	U	0.200	0.102	mg/L		11/24/25 11:33	11/24/25 19:04	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		11/24/25 11:33	11/24/25 19:04	1
Potassium	<0.106	U	0.500	0.106	mg/L		11/24/25 11:33	11/24/25 19:04	1
Sodium	<0.152	U	0.500	0.152	mg/L		11/24/25 11:33	11/24/25 19:04	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		11/24/25 11:33	11/24/25 19:04	1

Lab Sample ID: LCS 860-277922/2-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277922

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.010		mg/L		101	80 - 120
Calcium	25.0	25.70		mg/L		103	80 - 120
Magnesium	25.0	24.70		mg/L		99	80 - 120
Potassium	10.0	9.660		mg/L		97	80 - 120
Sodium	25.0	24.20		mg/L		97	80 - 120
Lithium	1.00	0.9810		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-277922/3-A
Matrix: Water
Analysis Batch: 278138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277922

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.010		mg/L		101	80 - 120	0	20
Calcium	25.0	25.70		mg/L		103	80 - 120	0	20
Magnesium	25.0	24.60		mg/L		98	80 - 120	0	20
Potassium	10.0	9.670		mg/L		97	80 - 120	0	20
Sodium	25.0	24.20		mg/L		97	80 - 120	0	20
Lithium	1.00	0.9700		mg/L		97	80 - 120	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-277436/1-C
Matrix: Water
Analysis Batch: 278251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/24/25 09:04	11/24/25 23:14	1

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

Lab Sample ID: MB 860-277436/1-C
Matrix: Water
Analysis Batch: 278251

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/24/25 09:04	11/24/25 23:14	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/24/25 09:04	11/24/25 23:14	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/24/25 09:04	11/24/25 23:14	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/24/25 09:04	11/24/25 23:14	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/24/25 09:04	11/24/25 23:14	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/24/25 09:04	11/24/25 23:14	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/24/25 09:04	11/24/25 23:14	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/24/25 09:04	11/24/25 23:14	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/24/25 09:04	11/24/25 23:14	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 09:04	11/24/25 23:14	1

Lab Sample ID: MB 860-277436/1-C
Matrix: Water
Analysis Batch: 278595

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 277854

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/24/25 09:04	11/25/25 16:36	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/24/25 09:04	11/25/25 16:36	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/24/25 09:04	11/25/25 16:36	1

Lab Sample ID: LCS 860-277436/2-B
Matrix: Water
Analysis Batch: 278251

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277854

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5435		mg/L		109	80 - 120
Arsenic	0.100	0.09934		mg/L		99	80 - 120
Barium	0.100	0.09922		mg/L		99	80 - 120
Beryllium	0.100	0.1013		mg/L		101	80 - 120
Cadmium	0.100	0.09923		mg/L		99	80 - 120
Chromium	0.100	0.1008		mg/L		101	80 - 120
Cobalt	0.100	0.09872		mg/L		99	80 - 120
Lead	0.100	0.1021		mg/L		102	80 - 120
Molybdenum	0.100	0.09935		mg/L		99	80 - 120
Selenium	0.100	0.1022		mg/L		102	80 - 120
Thallium	0.100	0.1057		mg/L		106	80 - 120

Lab Sample ID: LCS 860-277436/2-B
Matrix: Water
Analysis Batch: 278595

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 277854

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	0.100	0.1061		mg/L		106	80 - 120
Iron	0.500	0.5088		mg/L		102	80 - 120
Thallium	0.100	0.1065		mg/L		107	80 - 120

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

Lab Sample ID: LCSD 860-277436/3-B
Matrix: Water
Analysis Batch: 278251

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277854

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5314		mg/L		106	80 - 120	2	20
Arsenic	0.100	0.1018		mg/L		102	80 - 120	2	20
Barium	0.100	0.1024		mg/L		102	80 - 120	3	20
Beryllium	0.100	0.1013		mg/L		101	80 - 120	0	20
Cadmium	0.100	0.1020		mg/L		102	80 - 120	3	20
Chromium	0.100	0.1017		mg/L		102	80 - 120	1	20
Cobalt	0.100	0.1016		mg/L		102	80 - 120	3	20
Lead	0.100	0.1011		mg/L		101	80 - 120	1	20
Molybdenum	0.100	0.1022		mg/L		102	80 - 120	3	20
Selenium	0.100	0.1031		mg/L		103	80 - 120	1	20
Thallium	0.100	0.1045		mg/L		104	80 - 120	1	20

Lab Sample ID: LCSD 860-277436/3-B
Matrix: Water
Analysis Batch: 278595

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 277854

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	0.100	0.1048		mg/L		105	80 - 120	1	20
Iron	0.500	0.5042		mg/L		101	80 - 120	1	20
Thallium	0.100	0.1072		mg/L		107	80 - 120	1	20

Lab Sample ID: MB 860-278232/1-A
Matrix: Water
Analysis Batch: 278590

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278232

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/25/25 11:49	11/25/25 18:50	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:49	11/25/25 18:50	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/25/25 11:49	11/25/25 18:50	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/25/25 11:49	11/25/25 18:50	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/25/25 11:49	11/25/25 18:50	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/25/25 11:49	11/25/25 18:50	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/25/25 11:49	11/25/25 18:50	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/25/25 11:49	11/25/25 18:50	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/25/25 11:49	11/25/25 18:50	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/25/25 11:49	11/25/25 18:50	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/25/25 11:49	11/25/25 18:50	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/25/25 11:49	11/25/25 18:50	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/25/25 11:49	11/25/25 18:50	1

Lab Sample ID: LCS 860-278232/2-A
Matrix: Water
Analysis Batch: 278590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278232

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5088		mg/L		102	80 - 120
Antimony	0.100	0.1049		mg/L		105	80 - 120
Arsenic	0.100	0.09973		mg/L		100	80 - 120
Barium	0.100	0.1032		mg/L		103	80 - 120

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

Lab Sample ID: LCS 860-278232/2-A
Matrix: Water
Analysis Batch: 278590

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278232

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.09838		mg/L		98	80 - 120
Cadmium	0.100	0.1015		mg/L		101	80 - 120
Chromium	0.100	0.1043		mg/L		104	80 - 120
Cobalt	0.100	0.1032		mg/L		103	80 - 120
Iron	0.500	0.5134		mg/L		103	80 - 120
Lead	0.100	0.1016		mg/L		102	80 - 120
Molybdenum	0.100	0.1023		mg/L		102	80 - 120
Selenium	0.100	0.09094		mg/L		91	80 - 120
Thallium	0.100	0.1039		mg/L		104	80 - 120

Lab Sample ID: LCSD 860-278232/3-A
Matrix: Water
Analysis Batch: 278590

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278232

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5116		mg/L		102	80 - 120	1	20
Antimony	0.100	0.1050		mg/L		105	80 - 120	0	20
Arsenic	0.100	0.09956		mg/L		100	80 - 120	0	20
Barium	0.100	0.1041		mg/L		104	80 - 120	1	20
Beryllium	0.100	0.09882		mg/L		99	80 - 120	0	20
Cadmium	0.100	0.1014		mg/L		101	80 - 120	0	20
Chromium	0.100	0.1047		mg/L		105	80 - 120	0	20
Cobalt	0.100	0.1034		mg/L		103	80 - 120	0	20
Iron	0.500	0.5131		mg/L		103	80 - 120	0	20
Lead	0.100	0.1029		mg/L		103	80 - 120	1	20
Molybdenum	0.100	0.1029		mg/L		103	80 - 120	1	20
Selenium	0.100	0.09096		mg/L		91	80 - 120	0	20
Thallium	0.100	0.1047		mg/L		105	80 - 120	1	20

Lab Sample ID: MB 860-278233/1-A
Matrix: Water
Analysis Batch: 278967

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278233

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		11/25/25 11:51	11/27/25 01:30	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		11/25/25 11:51	11/27/25 01:30	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		11/25/25 11:51	11/27/25 01:30	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		11/25/25 11:51	11/27/25 01:30	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		11/25/25 11:51	11/27/25 01:30	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		11/25/25 11:51	11/27/25 01:30	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		11/25/25 11:51	11/27/25 01:30	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		11/25/25 11:51	11/27/25 01:30	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		11/25/25 11:51	11/27/25 01:30	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		11/25/25 11:51	11/27/25 01:30	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		11/25/25 11:51	11/27/25 01:30	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		11/25/25 11:51	11/27/25 01:30	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		11/25/25 11:51	11/27/25 01:30	1

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

Lab Sample ID: LCS 860-278233/2-A
Matrix: Water
Analysis Batch: 278967

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278233

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5081		mg/L		102	80 - 120
Antimony	0.100	0.1083		mg/L		108	80 - 120
Arsenic	0.100	0.1005		mg/L		100	80 - 120
Barium	0.100	0.09813		mg/L		98	80 - 120
Beryllium	0.100	0.09590		mg/L		96	80 - 120
Cadmium	0.100	0.09794		mg/L		98	80 - 120
Chromium	0.100	0.1012		mg/L		101	80 - 120
Cobalt	0.100	0.1004		mg/L		100	80 - 120
Iron	0.500	0.5032		mg/L		101	80 - 120
Lead	0.100	0.1007		mg/L		101	80 - 120
Molybdenum	0.100	0.09841		mg/L		98	80 - 120
Selenium	0.100	0.1022		mg/L		102	80 - 120
Thallium	0.100	0.1035		mg/L		104	80 - 120

Lab Sample ID: LCSD 860-278233/3-A
Matrix: Water
Analysis Batch: 278967

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278233

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5104		mg/L		102	80 - 120	0	20
Antimony	0.100	0.1087		mg/L		109	80 - 120	0	20
Arsenic	0.100	0.09939		mg/L		99	80 - 120	1	20
Barium	0.100	0.09577		mg/L		96	80 - 120	2	20
Beryllium	0.100	0.09637		mg/L		96	80 - 120	0	20
Cadmium	0.100	0.09697		mg/L		97	80 - 120	1	20
Chromium	0.100	0.09970		mg/L		100	80 - 120	2	20
Cobalt	0.100	0.09939		mg/L		99	80 - 120	1	20
Iron	0.500	0.4946		mg/L		99	80 - 120	2	20
Lead	0.100	0.1005		mg/L		101	80 - 120	0	20
Molybdenum	0.100	0.09747		mg/L		97	80 - 120	1	20
Selenium	0.100	0.1011		mg/L		101	80 - 120	1	20
Thallium	0.100	0.1039		mg/L		104	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-278207/10-A
Matrix: Water
Analysis Batch: 278425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/25/25 23:44	1

Lab Sample ID: LCS 860-278207/11-A
Matrix: Water
Analysis Batch: 278425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002200		mg/L		110	80 - 120

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

Lab Sample ID: LCSD 860-278207/12-A
Matrix: Water
Analysis Batch: 278425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278207

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.002030		mg/L		101	80 - 120	8	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-278136/3
Matrix: Water
Analysis Batch: 278136

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/24/25 09:01	1

Lab Sample ID: LCS 860-278136/4
Matrix: Water
Analysis Batch: 278136

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	243.8		mg/L		98	85 - 115		

Lab Sample ID: LCSD 860-278136/5
Matrix: Water
Analysis Batch: 278136

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	242.4		mg/L		97	85 - 115	1	20

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

Lab Sample ID: MB 870-33750/1
Matrix: Water
Analysis Batch: 33750

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	<2.50	U	2.50	2.50	mg/L			11/21/25 10:05	1

Lab Sample ID: LCS 870-33750/2
Matrix: Water
Analysis Batch: 33750

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			1000	963.0		mg/L		96	80 - 120		

Lab Sample ID: LCSD 870-33750/3
Matrix: Water
Analysis Batch: 33750

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	900.0		mg/L		90	80 - 120	7	10

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

Lab Sample ID: MB 870-33806/1
Matrix: Water
Analysis Batch: 33806

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	<2.50	U	2.50	2.50	mg/L			11/24/25 16:29	1

Lab Sample ID: LCS 870-33806/2
Matrix: Water
Analysis Batch: 33806

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			1000	905.0		mg/L		91	80 - 120		

Lab Sample ID: LCSD 870-33806/3
Matrix: Water
Analysis Batch: 33806

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	975.0		mg/L		98	80 - 120	7	10

Lab Sample ID: 870-41739-3 DU
Matrix: Water
Analysis Batch: 33806

Client Sample ID: SFL MW-8D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1540			1506		mg/L				2	10

Lab Sample ID: 870-41739-4 DU
Matrix: Water
Analysis Batch: 33806

Client Sample ID: MNW-15D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2800			2784		mg/L				0.4	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-41739-8 DU
Matrix: Water
Analysis Batch: 33834

Client Sample ID: SFL MW-1S (Contingency)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	4.7	HF		4.6		SU				1	20
Temperature	18.8	HF		18.9		Celsius				0.5	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-746760/1-A
Matrix: Water
Analysis Batch: 749503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746760

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-10.24	U G	26.7	26.7	50.0	90.5	pCi/L	11/24/25 11:39	12/15/25 08:54	1
Radium-228	20.70	U G	34.9	34.9	50.0	61.8	pCi/L	11/24/25 11:39	12/15/25 08:54	1

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Lab Sample ID: MB 160-746760/1-A
Matrix: Water
Analysis Batch: 749503

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 746760

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Combined Radium 226 + 228	10.46	U	43.9	43.9		90.5	pCi/L	11/24/25 11:39	12/15/25 08:54	1

Lab Sample ID: LCS 160-746760/2-A
Matrix: Water
Analysis Batch: 749508

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 746760

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	135000		13900		590	pCi/L	95	75 - 125
Cesium-137	37500	36830		3600		147	pCi/L	98	75 - 125
Cobalt-60	49900	49930		4870		95.8	pCi/L	100	75 - 125

Lab Sample ID: 870-41739-1 DU
Matrix: Water
Analysis Batch: 749503

Client Sample ID: AP PZ-4
Prep Type: Total/NA
Prep Batch: 746760

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	5.85	U G	24.09	U G	45.3	50.0	73.5	pCi/L	0.34	1
Radium-228	25.7	U	8.003	U G	45.2	50.0	61.8	pCi/L	0.24	1
Combined Radium 226 + 228	31.5	U	32.09	U	64.0		73.5	pCi/L	0.01	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-747098/1-A
Matrix: Water
Analysis Batch: 750698

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747098

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.6538		0.227	0.234	1.00	0.219	pCi/L	11/26/25 08:42	12/22/25 22:55	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*11/26/25 08:42*	*12/22/25 22:55*	*1*

Lab Sample ID: LCS 160-747098/2-A
Matrix: Water
Analysis Batch: 750698

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747098

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	9.794		1.19	1.00	0.226	pCi/L	102	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.8*		*30 - 110*

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: MB 160-747223/1-A
Matrix: Water
Analysis Batch: 750908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747223

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03532	U	0.0900	0.0901	1.00	0.208	pCi/L	12/01/25 08:55	12/23/25 08:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*12/01/25 08:55*	*12/23/25 08:01*	*1*

Lab Sample ID: LCS 160-747223/2-A
Matrix: Water
Analysis Batch: 750908

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747223

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.491		1.04	1.00	0.172	pCi/L	89	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.4*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-747099/1-A
Matrix: Water
Analysis Batch: 750544

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747099

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.6952		0.402	0.407	1.00	0.574	pCi/L	11/26/25 08:47	12/21/25 11:00	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*11/26/25 08:47*	*12/21/25 11:00*	*1*
Y Carrier	*80.4*		*30 - 110*	*11/26/25 08:47*	*12/21/25 11:00*	*1*

Lab Sample ID: LCS 160-747099/2-A
Matrix: Water
Analysis Batch: 750544

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747099

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.84	10.30		1.44	1.00	0.669	pCi/L	131	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*81.8*		*30 - 110*
Y Carrier	*80.7*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-747224/1-A
Matrix: Water
Analysis Batch: 750442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747224

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3479	U	0.413	0.415	1.00	0.680	pCi/L	12/01/25 08:57	12/21/25 13:11	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:11*	*1*
Y Carrier	*80.7*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:11*	*1*

Lab Sample ID: LCS 160-747224/2-A
Matrix: Water
Analysis Batch: 750442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747224

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.84	8.759		1.26	1.00	0.549	pCi/L	112	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.4*		*30 - 110*
Y Carrier	*83.4*		*30 - 110*

HPLC/IC

Analysis Batch: 278183

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	9056A	
870-41739-2	AP MW-3D	Total/NA	Water	9056A	
870-41739-2 - DL	AP MW-3D	Total/NA	Water	9056A	
870-41739-3	SFL MW-8D	Total/NA	Water	9056A	
870-41739-3 - DL	SFL MW-8D	Total/NA	Water	9056A	
870-41739-4	MNW-15D	Total/NA	Water	9056A	
870-41739-4 - DL	MNW-15D	Total/NA	Water	9056A	
870-41739-5	SFL MW-8S	Total/NA	Water	9056A	
870-41739-5 - DL	SFL MW-8S	Total/NA	Water	9056A	
870-41739-6	FD1	Total/NA	Water	9056A	
870-41739-6 - DL	FD1	Total/NA	Water	9056A	
870-41739-7	SFL MW-1S	Total/NA	Water	9056A	
870-41739-7 - DL	SFL MW-1S	Total/NA	Water	9056A	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	9056A	
870-41739-8 - DL	SFL MW-1S (Contingency)	Total/NA	Water	9056A	
870-41739-9	FD2	Total/NA	Water	9056A	
870-41739-10	SFL MW-7S	Total/NA	Water	9056A	
870-41739-11	SFL MW-2D	Total/NA	Water	9056A	
870-41739-11 - DL	SFL MW-2D	Total/NA	Water	9056A	
MB 860-278183/45	Method Blank	Total/NA	Water	9056A	
LCS 860-278183/46	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-278183/47	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-278183/49	Lab Control Sample	Total/NA	Water	9056A	
870-41739-4 MS	MNW-15D	Total/NA	Water	9056A	
870-41739-4 MSD	MNW-15D	Total/NA	Water	9056A	

Analysis Batch: 278922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	9056A	
870-41739-2	AP MW-3D	Total/NA	Water	9056A	
870-41739-3	SFL MW-8D	Total/NA	Water	9056A	
870-41739-4	MNW-15D	Total/NA	Water	9056A	
870-41739-5	SFL MW-8S	Total/NA	Water	9056A	
870-41739-6	FD1	Total/NA	Water	9056A	
870-41739-7	SFL MW-1S	Total/NA	Water	9056A	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	9056A	
MB 860-278922/44	Method Blank	Total/NA	Water	9056A	
LCS 860-278922/45	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-278922/46	Lab Control Sample Dup	Total/NA	Water	9056A	

Analysis Batch: 278949

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-9	FD2	Total/NA	Water	9056A	
870-41739-10	SFL MW-7S	Total/NA	Water	9056A	
870-41739-11	SFL MW-2D	Total/NA	Water	9056A	
MB 860-278949/20	Method Blank	Total/NA	Water	9056A	
LCS 860-278949/21	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-278949/22	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-278949/24	Lab Control Sample	Total/NA	Water	9056A	

Metals

Filtration Batch: 277436

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-277436/1-C	Method Blank	Total/NA	Water	Filtration	
LCS 860-277436/2-B	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-277436/3-B	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 277854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-4	MNW-15D	Total/NA	Water	3010A	
870-41739-6	FD1	Total/NA	Water	3010A	
870-41739-7	SFL MW-1S	Total/NA	Water	3010A	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	3010A	
MB 860-277436/1-C	Method Blank	Total/NA	Water	3010A	277436
LCS 860-277436/2-B	Lab Control Sample	Total/NA	Water	3010A	277436
LCSD 860-277436/3-B	Lab Control Sample Dup	Total/NA	Water	3010A	277436

Prep Batch: 277922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	3010A	
870-41739-2	AP MW-3D	Total/NA	Water	3010A	
870-41739-3	SFL MW-8D	Total/NA	Water	3010A	
870-41739-4	MNW-15D	Total/NA	Water	3010A	
870-41739-5	SFL MW-8S	Total/NA	Water	3010A	
870-41739-6	FD1	Total/NA	Water	3010A	
870-41739-7	SFL MW-1S	Total/NA	Water	3010A	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	3010A	
870-41739-9	FD2	Total/NA	Water	3010A	
870-41739-10	SFL MW-7S	Total/NA	Water	3010A	
870-41739-11	SFL MW-2D	Total/NA	Water	3010A	
MB 860-277922/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-277922/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-277922/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 278138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	6010D	277922
870-41739-1	AP PZ-4	Total/NA	Water	6010D	277922
870-41739-2	AP MW-3D	Total/NA	Water	6010D	277922
870-41739-3	SFL MW-8D	Total/NA	Water	6010D	277922
870-41739-4	MNW-15D	Total/NA	Water	6010D	277922
870-41739-4	MNW-15D	Total/NA	Water	6010D	277922
870-41739-5	SFL MW-8S	Total/NA	Water	6010D	277922
870-41739-5	SFL MW-8S	Total/NA	Water	6010D	277922
870-41739-6	FD1	Total/NA	Water	6010D	277922
870-41739-6	FD1	Total/NA	Water	6010D	277922
870-41739-7	SFL MW-1S	Total/NA	Water	6010D	277922
870-41739-7	SFL MW-1S	Total/NA	Water	6010D	277922
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	6010D	277922
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	6010D	277922
870-41739-9	FD2	Total/NA	Water	6010D	277922
870-41739-9	FD2	Total/NA	Water	6010D	277922
870-41739-10	SFL MW-7S	Total/NA	Water	6010D	277922
870-41739-10	SFL MW-7S	Total/NA	Water	6010D	277922

Metals (Continued)

Analysis Batch: 278138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-11	SFL MW-2D	Total/NA	Water	6010D	277922
870-41739-11	SFL MW-2D	Total/NA	Water	6010D	277922
MB 860-277922/1-A	Method Blank	Total/NA	Water	6010D	277922
LCS 860-277922/2-A	Lab Control Sample	Total/NA	Water	6010D	277922
LCSD 860-277922/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	277922

Prep Batch: 278207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	7470A	
870-41739-2	AP MW-3D	Total/NA	Water	7470A	
870-41739-3	SFL MW-8D	Total/NA	Water	7470A	
870-41739-4	MNW-15D	Total/NA	Water	7470A	
870-41739-5	SFL MW-8S	Total/NA	Water	7470A	
870-41739-6	FD1	Total/NA	Water	7470A	
870-41739-7	SFL MW-1S	Total/NA	Water	7470A	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	7470A	
870-41739-9	FD2	Total/NA	Water	7470A	
870-41739-10	SFL MW-7S	Total/NA	Water	7470A	
870-41739-11	SFL MW-2D	Total/NA	Water	7470A	
MB 860-278207/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-278207/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-278207/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 278232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	3010A	
870-41739-2	AP MW-3D	Total/NA	Water	3010A	
870-41739-3	SFL MW-8D	Total/NA	Water	3010A	
870-41739-5	SFL MW-8S	Total/NA	Water	3010A	
MB 860-278232/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-278232/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-278232/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 278233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-9	FD2	Total/NA	Water	3010A	
870-41739-10	SFL MW-7S	Total/NA	Water	3010A	
870-41739-11	SFL MW-2D	Total/NA	Water	3010A	
MB 860-278233/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-278233/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-278233/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 278251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-4	MNW-15D	Total/NA	Water	6020B	277854
870-41739-6	FD1	Total/NA	Water	6020B	277854
870-41739-7	SFL MW-1S	Total/NA	Water	6020B	277854
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	6020B	277854
MB 860-277436/1-C	Method Blank	Total/NA	Water	6020B	277854
LCS 860-277436/2-B	Lab Control Sample	Total/NA	Water	6020B	277854
LCSD 860-277436/3-B	Lab Control Sample Dup	Total/NA	Water	6020B	277854

Metals

Analysis Batch: 278425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	7470A	278207
870-41739-2	AP MW-3D	Total/NA	Water	7470A	278207
870-41739-3	SFL MW-8D	Total/NA	Water	7470A	278207
870-41739-4	MNW-15D	Total/NA	Water	7470A	278207
870-41739-5	SFL MW-8S	Total/NA	Water	7470A	278207
870-41739-6	FD1	Total/NA	Water	7470A	278207
870-41739-7	SFL MW-1S	Total/NA	Water	7470A	278207
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	7470A	278207
870-41739-9	FD2	Total/NA	Water	7470A	278207
870-41739-10	SFL MW-7S	Total/NA	Water	7470A	278207
870-41739-11	SFL MW-2D	Total/NA	Water	7470A	278207
MB 860-278207/10-A	Method Blank	Total/NA	Water	7470A	278207
LCS 860-278207/11-A	Lab Control Sample	Total/NA	Water	7470A	278207
LCSD 860-278207/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	278207

Analysis Batch: 278590

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	6020B	278232
870-41739-2	AP MW-3D	Total/NA	Water	6020B	278232
870-41739-3	SFL MW-8D	Total/NA	Water	6020B	278232
870-41739-5	SFL MW-8S	Total/NA	Water	6020B	278232
MB 860-278232/1-A	Method Blank	Total/NA	Water	6020B	278232
LCS 860-278232/2-A	Lab Control Sample	Total/NA	Water	6020B	278232
LCSD 860-278232/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	278232

Analysis Batch: 278595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-4	MNW-15D	Total/NA	Water	6020B	277854
870-41739-6	FD1	Total/NA	Water	6020B	277854
870-41739-7	SFL MW-1S	Total/NA	Water	6020B	277854
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	6020B	277854
MB 860-277436/1-C	Method Blank	Total/NA	Water	6020B	277854
LCS 860-277436/2-B	Lab Control Sample	Total/NA	Water	6020B	277854
LCSD 860-277436/3-B	Lab Control Sample Dup	Total/NA	Water	6020B	277854

Analysis Batch: 278650

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	6020B	278232
870-41739-2	AP MW-3D	Total/NA	Water	6020B	278232
870-41739-3	SFL MW-8D	Total/NA	Water	6020B	278232
870-41739-5	SFL MW-8S	Total/NA	Water	6020B	278232

Analysis Batch: 278967

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-9	FD2	Total/NA	Water	6020B	278233
870-41739-10	SFL MW-7S	Total/NA	Water	6020B	278233
870-41739-11	SFL MW-2D	Total/NA	Water	6020B	278233
MB 860-278233/1-A	Method Blank	Total/NA	Water	6020B	278233
LCS 860-278233/2-A	Lab Control Sample	Total/NA	Water	6020B	278233
LCSD 860-278233/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	278233

Metals

Analysis Batch: 279196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-11	SFL MW-2D	Total/NA	Water	6020B	278233

General Chemistry

Analysis Batch: 33750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	SM 2540C	
870-41739-2	AP MW-3D	Total/NA	Water	SM 2540C	
MB 870-33750/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33750/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33750/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 33806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-3	SFL MW-8D	Total/NA	Water	SM 2540C	
870-41739-4	MNW-15D	Total/NA	Water	SM 2540C	
870-41739-5	SFL MW-8S	Total/NA	Water	SM 2540C	
870-41739-6	FD1	Total/NA	Water	SM 2540C	
870-41739-7	SFL MW-1S	Total/NA	Water	SM 2540C	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	SM 2540C	
870-41739-9	FD2	Total/NA	Water	SM 2540C	
870-41739-10	SFL MW-7S	Total/NA	Water	SM 2540C	
870-41739-11	SFL MW-2D	Total/NA	Water	SM 2540C	
MB 870-33806/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33806/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33806/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-41739-3 DU	SFL MW-8D	Total/NA	Water	SM 2540C	
870-41739-4 DU	MNW-15D	Total/NA	Water	SM 2540C	

Analysis Batch: 33834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	SM 4500 H+ B	
870-41739-2	AP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-41739-3	SFL MW-8D	Total/NA	Water	SM 4500 H+ B	
870-41739-4	MNW-15D	Total/NA	Water	SM 4500 H+ B	
870-41739-5	SFL MW-8S	Total/NA	Water	SM 4500 H+ B	
870-41739-6	FD1	Total/NA	Water	SM 4500 H+ B	
870-41739-7	SFL MW-1S	Total/NA	Water	SM 4500 H+ B	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	SM 4500 H+ B	
870-41739-9	FD2	Total/NA	Water	SM 4500 H+ B	
870-41739-10	SFL MW-7S	Total/NA	Water	SM 4500 H+ B	
870-41739-11	SFL MW-2D	Total/NA	Water	SM 4500 H+ B	
870-41739-8 DU	SFL MW-1S (Contingency)	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 278136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	SM 2320B	
870-41739-2	AP MW-3D	Total/NA	Water	SM 2320B	
870-41739-3	SFL MW-8D	Total/NA	Water	SM 2320B	
870-41739-4	MNW-15D	Total/NA	Water	SM 2320B	
870-41739-5	SFL MW-8S	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 278136 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-6	FD1	Total/NA	Water	SM 2320B	
870-41739-7	SFL MW-1S	Total/NA	Water	SM 2320B	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	SM 2320B	
870-41739-9	FD2	Total/NA	Water	SM 2320B	
870-41739-10	SFL MW-7S	Total/NA	Water	SM 2320B	
870-41739-11	SFL MW-2D	Total/NA	Water	SM 2320B	
MB 860-278136/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-278136/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-278136/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 746760

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	Fill_Geo-21	
870-41739-2	AP MW-3D	Total/NA	Water	Fill_Geo-21	
870-41739-3	SFL MW-8D	Total/NA	Water	Fill_Geo-21	
870-41739-4	MNW-15D	Total/NA	Water	Fill_Geo-21	
870-41739-5	SFL MW-8S	Total/NA	Water	Fill_Geo-21	
870-41739-6	FD1	Total/NA	Water	Fill_Geo-21	
870-41739-7	SFL MW-1S	Total/NA	Water	Fill_Geo-21	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	Fill_Geo-21	
870-41739-9	FD2	Total/NA	Water	Fill_Geo-21	
870-41739-10	SFL MW-7S	Total/NA	Water	Fill_Geo-21	
870-41739-11	SFL MW-2D	Total/NA	Water	Fill_Geo-21	
MB 160-746760/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-746760/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-41739-1 DU	AP PZ-4	Total/NA	Water	Fill_Geo-21	

Prep Batch: 747098

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	PrecSep-21	
870-41739-2	AP MW-3D	Total/NA	Water	PrecSep-21	
870-41739-3	SFL MW-8D	Total/NA	Water	PrecSep-21	
870-41739-4	MNW-15D	Total/NA	Water	PrecSep-21	
870-41739-5	SFL MW-8S	Total/NA	Water	PrecSep-21	
870-41739-6	FD1	Total/NA	Water	PrecSep-21	
870-41739-7	SFL MW-1S	Total/NA	Water	PrecSep-21	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	PrecSep-21	
870-41739-9	FD2	Total/NA	Water	PrecSep-21	
870-41739-10	SFL MW-7S	Total/NA	Water	PrecSep-21	
MB 160-747098/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-747098/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 747099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-1	AP PZ-4	Total/NA	Water	PrecSep_0	
870-41739-2	AP MW-3D	Total/NA	Water	PrecSep_0	
870-41739-3	SFL MW-8D	Total/NA	Water	PrecSep_0	
870-41739-4	MNW-15D	Total/NA	Water	PrecSep_0	
870-41739-5	SFL MW-8S	Total/NA	Water	PrecSep_0	

Rad (Continued)

Prep Batch: 747099 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-6	FD1	Total/NA	Water	PrecSep_0	
870-41739-7	SFL MW-1S	Total/NA	Water	PrecSep_0	
870-41739-8	SFL MW-1S (Contingency)	Total/NA	Water	PrecSep_0	
870-41739-9	FD2	Total/NA	Water	PrecSep_0	
870-41739-10	SFL MW-7S	Total/NA	Water	PrecSep_0	
MB 160-747099/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-747099/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 747223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-11	SFL MW-2D	Total/NA	Water	PrecSep-21	
MB 160-747223/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-747223/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 747224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41739-11	SFL MW-2D	Total/NA	Water	PrecSep_0	
MB 160-747224/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-747224/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Client Sample ID: AP PZ-4
Date Collected: 11/18/25 14:10
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278922	12/01/25 21:21	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/25/25 21:03	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 19:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:02	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278650	11/26/25 14:35	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278590	11/25/25 20:57	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:13	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 09:49	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33750	11/21/25 10:05	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749501	12/15/25 08:55	MLS	EET SL
Total/NA	Prep	PrecSep-21			1003.01 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:51	FLC	EET SL
Total/NA	Prep	PrecSep_0			1003.01 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750544	12/21/25 11:02	FLC	EET SL

Client Sample ID: AP MW-3D
Date Collected: 11/18/25 17:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278922	12/01/25 21:28	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/25/25 21:23	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/25/25 21:33	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 19:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278650	11/26/25 14:38	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278590	11/25/25 21:00	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:17	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 10:24	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	33750	11/21/25 10:05	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749507	12/15/25 08:54	MLS	EET SL

Client Sample ID: AP MW-3D
Date Collected: 11/18/25 17:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			753.32 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:52	FLC	EET SL
Total/NA	Prep	PrecSep_0			753.32 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:31	FLC	EET SL

Client Sample ID: SFL MW-8D
Date Collected: 11/19/25 11:00
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278922	12/01/25 21:58	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/25/25 21:43	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/25/25 21:53	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 19:57	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278650	11/26/25 14:41	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278590	11/25/25 21:03	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:26	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 17:03	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749498	12/15/25 08:54	MLS	EET SL
Total/NA	Prep	PrecSep-21			1002.08 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:52	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.08 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:31	FLC	EET SL

Client Sample ID: MNW-15D
Date Collected: 11/19/25 12:30
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278922	12/01/25 22:35	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/25/25 22:23	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/25/25 22:33	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:18	JDM	EET HOU

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Client Sample ID: MNW-15D

Date Collected: 11/19/25 12:30
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		1			278251	11/25/25 00:21	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		1			278595	11/25/25 16:56	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 17:09	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749507	12/15/25 10:28	MLS	EET SL
Total/NA	Prep	PrecSep-21			1001.01 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:52	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.01 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:31	FLC	EET SL

Client Sample ID: SFL MW-8S

Date Collected: 11/19/25 09:00
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278922	12/01/25 22:20	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/25/25 22:03	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/25/25 22:13	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:11	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:19	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278650	11/26/25 14:44	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278232	11/25/25 11:49	AGR	EET HOU
Total/NA	Analysis	6020B		1			278590	11/25/25 21:06	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:19	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 17:15	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749508	12/15/25 10:32	MLS	EET SL
Total/NA	Prep	PrecSep-21			1002.76 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:52	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.76 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:31	FLC	EET SL

Client Sample ID: FD1

Lab Sample ID: 870-41739-6

Date Collected: 11/19/25 09:30

Matrix: Water

Date Received: 11/20/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278922	12/01/25 22:49	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/25/25 23:23	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/25/25 23:33	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:13	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:21	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		1			278251	11/25/25 00:24	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		100			278595	11/25/25 16:59	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:11	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 16:17	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749501	12/15/25 10:30	MLS	EET SL
Total/NA	Prep	PrecSep-21			1001.80 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:52	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.80 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:31	FLC	EET SL

Client Sample ID: SFL MW-1S

Lab Sample ID: 870-41739-7

Date Collected: 11/19/25 12:25

Matrix: Water

Date Received: 11/20/25 11:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278922	12/01/25 23:04	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/25/25 23:43	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/25/25 23:53	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		1			278251	11/25/25 00:31	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		1			278595	11/25/25 17:11	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 09:43	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Client Sample ID: SFL MW-1S

Lab Sample ID: 870-41739-7

Date Collected: 11/19/25 12:25
Date Received: 11/20/25 11:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749498	12/15/25 10:27	MLS	EET SL
Total/NA	Prep	PrecSep-21			1001.59 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:53	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.59 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:33	FLC	EET SL

Client Sample ID: SFL MW-1S (Contingency)

Lab Sample ID: 870-41739-8

Date Collected: 11/19/25 08:55
Date Received: 11/20/25 11:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278922	12/01/25 23:33	RJD	EET HOU
Total/NA	Analysis	9056A		1			278183	11/26/25 00:03	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/26/25 00:13	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:16	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:24	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		1			278251	11/25/25 00:34	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277854	11/24/25 09:04	AGR	EET HOU
Total/NA	Analysis	6020B		1			278595	11/25/25 17:14	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:06	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 16:22	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749503	12/15/25 12:25	MLS	EET SL
Total/NA	Prep	PrecSep-21			1002.00 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:53	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.00 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:33	FLC	EET SL

Client Sample ID: FD2

Lab Sample ID: 870-41739-9

Date Collected: 11/19/25 10:55
Date Received: 11/20/25 11:00

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278183	11/26/25 02:23	RJD	EET HOU
Total/NA	Analysis	9056A		10			278949	12/01/25 22:55	RJD	EET HOU

Client Sample ID: FD2

Date Collected: 11/19/25 10:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-9

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:36	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278233	11/25/25 11:51	AGR	EET HOU
Total/NA	Analysis	6020B		1			278967	11/27/25 02:15	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:12	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 10:30	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749507	12/15/25 12:26	MLS	EET SL
Total/NA	Prep	PrecSep-21			1000.69 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:53	FLC	EET SL
Total/NA	Prep	PrecSep_0			1000.69 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:34	FLC	EET SL

Client Sample ID: SFL MW-7S

Date Collected: 11/19/25 10:25
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-10

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			278183	11/26/25 02:03	RJD	EET HOU
Total/NA	Analysis	9056A		10			278949	12/01/25 22:35	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:30	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:38	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278233	11/25/25 11:51	AGR	EET HOU
Total/NA	Analysis	6020B		1			278967	11/27/25 02:18	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:24	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 16:57	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749508	12/15/25 12:28	MLS	EET SL
Total/NA	Prep	PrecSep-21			1004.98 mL	1.0 g	747098	11/26/25 08:42	VLQ	EET SL
Total/NA	Analysis	903.0		1			750692	12/22/25 22:53	FLC	EET SL
Total/NA	Prep	PrecSep_0			1004.98 mL	1.0 g	747099	11/26/25 08:47	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	750442	12/21/25 12:34	FLC	EET SL

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Client Sample ID: SFL MW-2D

Date Collected: 11/19/25 12:55
Date Received: 11/20/25 11:00

Lab Sample ID: 870-41739-11

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278183	11/26/25 00:23	RJD	EET HOU
Total/NA	Analysis	9056A	DL	10			278183	11/26/25 00:33	RJD	EET HOU
Total/NA	Analysis	9056A		10			278949	12/02/25 00:05	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		1			278138	11/24/25 20:32	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	277922	11/24/25 11:33	AGR	EET HOU
Total/NA	Analysis	6010D		50			278138	11/24/25 20:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278233	11/25/25 11:51	AGR	EET HOU
Total/NA	Analysis	6020B		1			278967	11/27/25 02:21	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278233	11/25/25 11:51	AGR	EET HOU
Total/NA	Analysis	6020B		1			279196	12/01/25 15:47	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:09	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278136	11/24/25 16:41	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33834	11/25/25 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	746760	11/24/25 11:39	DC	EET SL
Total/NA	Analysis	901.1		1			749501	12/15/25 12:29	MLS	EET SL
Total/NA	Prep	PrecSep-21			1008.75 mL	1.0 g	747223	12/01/25 08:55	AMS	EET SL
Total/NA	Analysis	903.0		1			750908	12/23/25 08:04	EJS	EET SL
Total/NA	Prep	PrecSep_0			1008.75 mL	1.0 g	747224	12/01/25 08:57	AMS	EET SL
Total/NA	Analysis	904.0		1			750544	12/21/25 13:23	FLC	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-41739-1
SDG: 10290148

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-41739-1	AP PZ-4	Water	11/18/25 14:10	11/20/25 11:00	Texas
870-41739-2	AP MW-3D	Water	11/18/25 17:55	11/20/25 11:00	Texas
870-41739-3	SFL MW-8D	Water	11/19/25 11:00	11/20/25 11:00	Texas
870-41739-4	MNW-15D	Water	11/19/25 12:30	11/20/25 11:00	Texas
870-41739-5	SFL MW-8S	Water	11/19/25 09:00	11/20/25 11:00	Texas
870-41739-6	FD1	Water	11/19/25 09:30	11/20/25 11:00	Texas
870-41739-7	SFL MW-1S	Water	11/19/25 12:25	11/20/25 11:00	Texas
870-41739-8	SFL MW-1S (Contingency)	Water	11/19/25 08:55	11/20/25 11:00	Texas
870-41739-9	FD2	Water	11/19/25 10:55	11/20/25 11:00	Texas
870-41739-10	SFL MW-7S	Water	11/19/25 10:25	11/20/25 11:00	Texas
870-41739-11	SFL MW-2D	Water	11/19/25 12:55	11/20/25 11:00	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

12/31/2025

Client Information	Sampler: Emma Foley	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15038-5065.1
Client Contact: Emma Foley	Phone: 7202422831	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #: 10290148
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: Emma.Foley@hdrinc.com	WO #:			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site:	SSOW#:			

Analysis Requested

Preservation Codes: D - HNO3, N - None

870-41739 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, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	6010D, 6020B, 7470A Total metals	6010D, 7470A, 6020B. Dissolved metals	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP PZ-4	11-18-25	1410	G	Water	N	N	X	X	X	X	X	X		X	X	6	
AP MW-3D	11-18-25	1755	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SFL MW-8D	11-19-25	1100	G	Water	N	N	X	X	X	X	X	X		X	X	6	
MNW-15D	11-19-25	1230	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SFL ~~MW8FL~~ MW-8S	11-19-25	0900	G	Water	N	N	X	X	X	X	X	X		X	X	6	
FD1	11-19-25	0930	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SFL MW-1S	11-19-25	1225	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SFL MW-1S (Contingency)	11-19-25	0855	G	Water	N	N	X	X	X	X	X	X		X	X	6	
FD2	11-19-25	1055	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SFL MW-7S	11-19-25	1025	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SFL MW-2D	11-19-25	1255	G	Water	N	N	X	X	X	X	X	X		X	X	6	

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: 11/19/25 1600	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by: FEDEX	Date/Time:	Company	Received by: AG	Date/Time: 11/20/25 1100	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: 0.6/0.6/0.4 1.8/1.2 THM-027 -0.6

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9517.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-41739-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 12/1/2025			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP PZ-4 (870-41739-1)	11/18/25	14:10 Central	G	Water			X	X	X	2	
AP MW-3D (870-41739-2)	11/18/25	17:55 Central	G	Water			X	X	X	2	
SFL MW-8D (870-41739-3)	11/19/25	11:00 Central	G	Water			X	X	X	2	
MNW-15D (870-41739-4)	11/19/25	12:30 Central	G	Water			X	X	X	2	
SFL MW-8S (870-41739-5)	11/19/25	09:00 Central	G	Water			X	X	X	2	
FD1 (870-41739-6)	11/19/25	09:30 Central	G	Water			X	X	X	2	
SFL MW-1S (870-41739-7)	11/19/25	12:25 Central	G	Water			X	X	X	2	
SFL MW-1S (Contingency) (870-41739-8)	11/19/25	08:55 Central	G	Water			X	X	X	2	
FD2 (870-41739-9)	11/19/25	10:55 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 11/20/25 700	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: NOV 20 2025	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: M. Pinette	Date/Time: NOV 21 2025 0830	Company

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

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9517.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-41739-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 12/1/2025			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SFW MW-7S (870-41739-10)	11/19/25	10:25 Central	G	Water			X	X	X	2	
SFW MW-2D (870-41739-11)	11/19/25	12:55 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 11/20/25 - 700	Company	Received by: FEDEX
Relinquished by:	Date/Time:	Company	Received by: NOV 20 2025 M. Pinette
Relinquished by:	Date/Time:	Company	Received by: NOV 21 2025 0830 Meadow Pinette

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

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

12/31/2025

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9519.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-41739-1
Address: 4145 Greenbriar Dr	Due Date Requested: 11/26/2025			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) LI + Minerals	2320B	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
AP PZ-4 (870-41739-1)	11/18/25	14.10 Central	G	Water			X	X	X	X	X	2	
AP MW-3D (870-41739-2)	11/18/25	17:55 Central	G	Water			X	X	X	X	X	2	
SFL MW-8D (870-41739-3)	11/19/25	11:00 Central	G	Water			X	X	X	X	X	2	
MNW-15D (870-41739-4)	11/19/25	12:30 Central	G	Water			X	X	X	X	X	2	
SFL MW-8S (870-41739-5)	11/19/25	09:00 Central	G	Water			X	X	X	X	X	2	
FD1 (870-41739-6)	11/19/25	09:30 Central	G	Water			X	X	X	X	X	2	
SFL MW-1S (870-41739-7)	11/19/25	12:25 Central	G	Water			X	X	X	X	X	2	
SFL MW-1S (Contingency) (870-41739-8)	11/19/25	08:55 Central	G	Water			X	X	X	X	X	2	
FD2 (870-41739-9)	11/19/25	10:55 Central	G	Water			X	X	X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
		11/20/25 - 700			Received	
	Relinquished by:	Date/Time:	Company	Received by: NOV 20 2025	Date/Time: NOV 21 2025	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: Time: 900	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.3

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41739-1
SDG Number: 10290148

Login Number: 41739
List Number: 1
Creator: Bodnarchuk, Andrew G

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41739-1
SDG Number: 10290148

Login Number: 41739
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 11/21/25 07:53 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41739-1
SDG Number: 10290148

Login Number: 41739
List Number: 3
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 11/21/25 01:44 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

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JOB DESCRIPTION

Gibbons Creek Electric Steam Station
10290148

JOB NUMBER

870-41825-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

my EOL

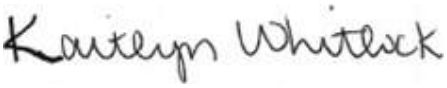
Eurofins Dallas

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 19
QC Sample Results 20
QC Association Summary 32
Lab Chronicle 38
Certification Summary 42
Method Summary 43
Sample Summary 44
Chain of Custody 45
Receipt Checklists 48

Definitions/Glossary

Client: HDR Inc
Project/Site: Gibbons Creek Electric Steam Station

Job ID: 870-41825-1
SDG: 10290148

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job Narrative
870-41825-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 11/21/2025 11:12 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 0.2°C and 0.4°C.

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

Metals
Method 6010D: The method blank for preparation batch 860-278842 and 860-278919 and analytical batch 860-279158 contained Lithium and Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-279158 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D - Dissolved: The method blank for preparation batch 860-278842 and 860-279232 and analytical batch 860-279628 contained Lithium and Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The following samples were diluted to bring the concentration of target analytes within the calibration range: SFL MW-6D (870-41825-2) and SFL MW-3D (870-41825-3). Elevated reporting limits (RLs) are provided.

Method 6010D - Dissolved: The continuing calibration blank (CCB) for analytical batch 860-279764 contained Antimony above the reporting limit (RL). All reported samples associated with this CCB was ND for this at a concentration found in the CCB; therefore, re-analysis of samples was not performed.

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

General Chemistry
Method SM4500_H+: The following samples were received outside of holding time: SFL MW-4S (870-41825-1), SFL MW-6D (870-41825-2), SFL MW-3D (870-41825-3), SFL MW-5D (870-41825-4), EB1 (870-41825-5) and AP MW-7 (870-41825-6).

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

Gamma Spectroscopy
Method 901.1_Ra: Gamma Batch 747160
The detection goal was not met for Ra-226 and/or Ra-228 for the following sample(s). An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent force-fit of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra-226 and Ra-228 are well below the RL and MDC.
SFL MW-4S (870-41825-1), SFL MW-6D (870-41825-2), SFL MW-5D (870-41825-4), EB1 (870-41825-5) and (880-65255-A-1-A)

Method 901.1_Ra: Gamma Batch 747160

Job ID: 870-41825-1 (Continued) Eurofins Dallas

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

SFL MW-4S (870-41825-1), SFL MW-6D (870-41825-2), SFL MW-3D (870-41825-3), SFL MW-5D (870-41825-4), EB1 (870-41825-5), AP MW-7 (870-41825-6), (880-65255-A-1-A) and (880-65255-A-1-B DU)

Method 901.1_Ra: Gamma Batch 747160
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra-226 and Ra-228. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following samples have been reported with the MDC achieved:
(MB 160-747160/1-A).

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

Gas Flow Proportional Counter
Method 904.0: Radium-228 batch 747224
The detection goal was not met for the following sample due to the reduced sample volume used for prep attributed to the presence of matrix interferences: SFL MW-6D (870-41825-2). Analytical results are reported with the detection limit achieved.

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

Client Sample ID: SFL MW-4S

Date Collected: 11/19/25 09:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-1

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4180		5.00	2.50	mg/L			11/26/25 13:25	10
Fluoride	0.519		0.500	0.100	mg/L			11/26/25 13:18	1
Sulfate	2460		5.00	2.00	mg/L			11/26/25 13:25	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	2.54		0.0500	0.0162	mg/L		12/01/25 09:30	12/01/25 20:23	1
Calcium	955		10.0	5.08	mg/L		12/01/25 09:30	12/01/25 20:26	50
Magnesium	275		0.200	0.0445	mg/L		12/01/25 09:30	12/01/25 20:23	1
Potassium	89.3		0.500	0.106	mg/L		12/01/25 09:30	12/01/25 20:23	1
Sodium	1530	B ^2	25.0	7.59	mg/L		12/01/25 09:30	12/01/25 20:26	50
Lithium	0.957	B	0.0400	0.0174	mg/L		12/01/25 09:30	12/01/25 20:23	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4.70		0.0200	0.00549	mg/L		12/01/25 13:28	12/02/25 18:03	1
Antimony	0.00100	J	0.00200	0.000750	mg/L		12/01/25 13:28	12/02/25 18:03	1
Arsenic	0.00539		0.00400	0.000690	mg/L		12/01/25 13:28	12/02/25 18:03	1
Barium	0.0382		0.00400	0.00134	mg/L		12/01/25 13:28	12/02/25 18:03	1
Beryllium	0.0499		0.00200	0.000271	mg/L		12/01/25 13:28	12/02/25 18:03	1
Cadmium	0.0226		0.00200	0.000240	mg/L		12/01/25 13:28	12/02/25 18:03	1
Chromium	0.00184	J	0.00400	0.000560	mg/L		12/01/25 13:28	12/02/25 18:03	1
Cobalt	0.101		0.00200	0.000355	mg/L		12/01/25 13:28	12/02/25 18:03	1
Iron	1.05		0.0200	0.00445	mg/L		12/01/25 13:28	12/02/25 18:03	1
Lead	0.00497		0.00200	0.000367	mg/L		12/01/25 13:28	12/02/25 18:03	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		12/01/25 13:28	12/02/25 18:03	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		12/01/25 13:28	12/02/25 18:03	1
Thallium	0.00471		0.00200	0.000415	mg/L		12/01/25 13:28	12/02/25 18:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/25/25 14:51	1
Total Dissolved Solids (SM 2540C)	7540		50.0	50.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	4.2	HF			SU			12/01/25 14:31	1
Temperature (SM 4500 H+ B)	19.9	HF			Celsius			12/01/25 14:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.44	U	6.30	6.30	50.0	46.3	pCi/L	11/26/25 14:26	12/17/25 08:14	1
Radium-228	29.0	U G	34.8	35.0	50.0	52.1	pCi/L	11/26/25 14:26	12/17/25 08:14	1
Combined Radium 226 + 228	30.4	U	35.4	35.6		52.1	pCi/L	11/26/25 14:26	12/17/25 08:14	1

Client Sample ID: SFL MW-4S

Date Collected: 11/19/25 09:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.65		0.322	0.354	1.00	0.183	pCi/L	12/01/25 08:55	12/23/25 08:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*12/01/25 08:55*	*12/23/25 08:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	6.01		0.947	1.10	1.00	0.735	pCi/L	12/01/25 08:57	12/21/25 13:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.7*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:23*	*1*
Y Carrier	*88.6*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:23*	*1*

Client Sample ID: SFL MW-6D

Date Collected: 11/19/25 10:20
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-2

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1420		5.00	2.50	mg/L			11/26/25 13:40	10
Fluoride	0.246	J	0.500	0.100	mg/L			11/26/25 13:33	1
Sulfate	778		5.00	2.00	mg/L			11/26/25 13:40	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.730		0.0500	0.0162	mg/L		12/03/25 09:00	12/03/25 19:18	1
Calcium	178		0.200	0.102	mg/L		12/03/25 09:00	12/03/25 19:18	1
Magnesium	18.0		0.200	0.0445	mg/L		12/03/25 09:00	12/03/25 19:18	1
Potassium	38.7		0.500	0.106	mg/L		12/03/25 09:00	12/03/25 19:18	1
Sodium	695		25.0	7.59	mg/L		12/03/25 09:00	12/03/25 19:27	50
Lithium	0.249		0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 19:18	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		12/02/25 10:30	12/03/25 16:28	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		12/02/25 10:30	12/03/25 16:28	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		12/02/25 10:30	12/03/25 16:28	1
Barium	0.0605		0.0100	0.00125	mg/L		12/02/25 10:30	12/03/25 16:28	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		12/02/25 10:30	12/03/25 16:28	1
Boron	0.917		0.0500	0.0162	mg/L		12/02/25 10:30	12/03/25 16:28	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		12/02/25 10:30	12/03/25 16:28	1
Calcium	224		0.200	0.102	mg/L		12/02/25 10:30	12/03/25 16:28	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		12/02/25 10:30	12/03/25 16:28	1
Cobalt	0.00371	J	0.0100	0.00123	mg/L		12/02/25 10:30	12/03/25 16:28	1
Iron	<0.0283	U	0.200	0.0283	mg/L		12/02/25 10:30	12/03/25 16:28	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		12/02/25 10:30	12/03/25 16:28	1
Magnesium	21.5		0.200	0.0445	mg/L		12/02/25 10:30	12/03/25 16:28	1

Client Sample ID: SFL MW-6D

Date Collected: 11/19/25 10:20
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-2

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**0.0123**		0.0100	0.00260	mg/L		12/02/25 10:30	12/03/25 16:28	1
Potassium	**47.2**		0.500	0.106	mg/L		12/02/25 10:30	12/03/25 16:28	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		12/02/25 10:30	12/03/25 16:28	1
Sodium	**805**	**B**	25.0	7.59	mg/L		12/02/25 10:30	12/03/25 16:33	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		12/02/25 10:30	12/03/25 16:28	1
Li	**0.281**	**B**	0.0400	0.0174	mg/L		12/02/25 10:30	12/03/25 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8.06**		0.0200	0.00549	mg/L		12/01/25 13:28	12/02/25 18:06	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		12/01/25 13:28	12/02/25 18:06	1
Arsenic	**0.00552**		0.00400	0.000690	mg/L		12/01/25 13:28	12/02/25 18:06	1
Barium	**0.0715**		0.00400	0.00134	mg/L		12/01/25 13:28	12/02/25 18:06	1
Beryllium	**0.000880**	**J**	0.00200	0.000271	mg/L		12/01/25 13:28	12/02/25 18:06	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		12/01/25 13:28	12/02/25 18:06	1
Chromium	**0.00672**		0.00400	0.000560	mg/L		12/01/25 13:28	12/02/25 18:06	1
Cobalt	**0.00517**		0.00200	0.000355	mg/L		12/01/25 13:28	12/02/25 18:06	1
Iron	**6.04**		0.0200	0.00445	mg/L		12/01/25 13:28	12/02/25 18:06	1
Lead	**0.00843**		0.00200	0.000367	mg/L		12/01/25 13:28	12/02/25 18:06	1
Molybdenum	**0.0130**		0.00200	0.000255	mg/L		12/01/25 13:28	12/02/25 18:06	1
Selenium	**0.000622**	**J**	0.00200	0.000590	mg/L		12/01/25 13:28	12/02/25 18:06	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		12/01/25 13:28	12/02/25 18:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:34	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/30/25 16:50	12/01/25 21:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**182**		4.00	4.00	mg/L			11/25/25 17:34	1
Total Dissolved Solids (SM 2540C)	**2970**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**6.9**	**HF**			SU			12/01/25 14:31	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**			Celsius			12/01/25 14:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	15.4	U G	33.8	33.9	50.0	89.6	pCi/L	11/26/25 14:26	12/17/25 09:52	1
Radium-228	-5.13	U G	9.88	9.89	50.0	92.2	pCi/L	11/26/25 14:26	12/17/25 09:52	1
Combined Radium 226 + 228	10.2	U	35.2	35.3		92.2	pCi/L	11/26/25 14:26	12/17/25 09:52	1

Client Sample ID: SFL MW-6D

Date Collected: 11/19/25 10:20
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-2

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.23**		0.409	0.424	1.00	0.375	pCi/L	12/01/25 08:55	12/23/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*12/01/25 08:55*	*12/23/25 09:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.69**	**G**	1.10	1.12	1.00	1.41	pCi/L	12/01/25 08:57	12/21/25 13:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.0*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:23*	*1*
Y Carrier	*87.9*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:23*	*1*

Client Sample ID: SFL MW-3D

Date Collected: 11/20/25 09:55
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-3

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1960**		5.00	2.50	mg/L			11/26/25 13:55	10
Fluoride	<0.100	U	0.500	0.100	mg/L			11/26/25 13:47	1
Sulfate	**1050**		5.00	2.00	mg/L			11/26/25 13:55	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.758**		0.0500	0.0162	mg/L		12/03/25 09:00	12/03/25 19:21	1
Calcium	**372**		0.200	0.102	mg/L		12/03/25 09:00	12/03/25 19:21	1
Magnesium	**55.2**		0.200	0.0445	mg/L		12/03/25 09:00	12/03/25 19:21	1
Potassium	**45.5**		0.500	0.106	mg/L		12/03/25 09:00	12/03/25 19:21	1
Sodium	**845**		25.0	7.59	mg/L		12/03/25 09:00	12/03/25 19:28	50
Lithium	**0.330**		0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 19:21	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		12/02/25 10:30	12/03/25 16:30	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		12/02/25 10:30	12/03/25 16:30	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		12/02/25 10:30	12/03/25 16:30	1
Barium	**0.0357**		0.0100	0.00125	mg/L		12/02/25 10:30	12/03/25 16:30	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		12/02/25 10:30	12/03/25 16:30	1
Boron	**0.849**		0.0500	0.0162	mg/L		12/02/25 10:30	12/03/25 16:30	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		12/02/25 10:30	12/03/25 16:30	1
Calcium	**417**		0.200	0.102	mg/L		12/02/25 10:30	12/03/25 16:30	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		12/02/25 10:30	12/03/25 16:30	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		12/02/25 10:30	12/03/25 16:30	1
Iron	**3.04**		0.200	0.0283	mg/L		12/02/25 10:30	12/03/25 16:30	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		12/02/25 10:30	12/03/25 16:30	1
Magnesium	**61.4**		0.200	0.0445	mg/L		12/02/25 10:30	12/03/25 16:30	1

Client Sample ID: SFL MW-3D

Date Collected: 11/20/25 09:55
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-3

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		12/02/25 10:30	12/03/25 16:30	1
Potassium	**51.0**		0.500	0.106	mg/L		12/02/25 10:30	12/03/25 16:30	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		12/02/25 10:30	12/03/25 16:30	1
Sodium	**905**	**B**	25.0	7.59	mg/L		12/02/25 10:30	12/03/25 16:34	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		12/02/25 10:30	12/03/25 16:30	1
Li	**0.319**	**B**	0.0400	0.0174	mg/L		12/02/25 10:30	12/03/25 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.218**		0.0200	0.00549	mg/L		12/01/25 13:28	12/02/25 18:09	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		12/01/25 13:28	12/02/25 18:09	1
Arsenic	**0.00211**	**J**	0.00400	0.000690	mg/L		12/01/25 13:28	12/02/25 18:09	1
Barium	**0.0322**		0.00400	0.00134	mg/L		12/01/25 13:28	12/02/25 18:09	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		12/01/25 13:28	12/02/25 18:09	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		12/01/25 13:28	12/02/25 18:09	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		12/01/25 13:28	12/02/25 18:09	1
Cobalt	**0.000360**	**J**	0.00200	0.000355	mg/L		12/01/25 13:28	12/02/25 18:09	1
Iron	**3.12**		0.0200	0.00445	mg/L		12/01/25 13:28	12/02/25 18:09	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		12/01/25 13:28	12/02/25 18:09	1
Molybdenum	**0.000576**	**J**	0.00200	0.000255	mg/L		12/01/25 13:28	12/02/25 18:09	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		12/01/25 13:28	12/02/25 18:09	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		12/01/25 13:28	12/02/25 18:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:33	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/25/25 23:57	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**196**		4.00	4.00	mg/L			11/25/25 17:28	1
Total Dissolved Solids (SM 2540C)	**4100**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**6.4**	**HF**			SU			12/01/25 14:31	1
Temperature (SM 4500 H+ B)	**19.5**	**HF**			Celsius			12/01/25 14:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.8	U	15.9	16.0	50.0	23.9	pCi/L	11/26/25 14:26	12/17/25 09:52	1
Radium-228	2.77	U	25.1	25.1	50.0	43.2	pCi/L	11/26/25 14:26	12/17/25 09:52	1
Combined Radium 226 + 228	24.6	U	29.7	29.8		43.2	pCi/L	11/26/25 14:26	12/17/25 09:52	1

Client Sample ID: SFL MW-3D

Lab Sample ID: 870-41825-3
Matrix: Water
Date Collected: 11/20/25 09:55
Date Received: 11/21/25 11:12

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.564		0.195	0.202	1.00	0.191	pCi/L	12/01/25 08:55	12/23/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.2*		*30 - 110*	*12/01/25 08:55*	*12/23/25 09:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.956		0.545	0.552	1.00	0.791	pCi/L	12/01/25 08:57	12/21/25 13:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.2*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:23*	*1*
Y Carrier	*82.6*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:23*	*1*

Client Sample ID: SFL MW-5D

Lab Sample ID: 870-41825-4
Matrix: Water
Date Collected: 11/20/25 12:35
Date Received: 11/21/25 11:12

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		5.00	2.50	mg/L			11/26/25 14:09	10
Fluoride	0.312	J	0.500	0.100	mg/L			11/26/25 14:02	1
Sulfate	849		5.00	2.00	mg/L			11/26/25 14:09	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.14		0.0500	0.0162	mg/L		12/03/25 09:00	12/03/25 19:22	1
Calcium	162		0.200	0.102	mg/L		12/03/25 09:00	12/03/25 19:22	1
Magnesium	17.8		0.200	0.0445	mg/L		12/03/25 09:00	12/03/25 19:22	1
Potassium	39.0		0.500	0.106	mg/L		12/03/25 09:00	12/03/25 19:22	1
Sodium	805		25.0	7.59	mg/L		12/03/25 09:00	12/03/25 19:30	50
Lithium	0.326		0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 19:22	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		12/03/25 09:00	12/03/25 20:07	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		12/03/25 09:00	12/03/25 20:07	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		12/03/25 09:00	12/03/25 20:07	1
Barium	0.0397		0.0100	0.00125	mg/L		12/03/25 09:00	12/03/25 20:07	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		12/03/25 09:00	12/03/25 20:07	1
Boron	1.17		0.0500	0.0162	mg/L		12/03/25 09:00	12/03/25 20:07	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		12/03/25 09:00	12/03/25 20:07	1
Calcium	164		0.200	0.102	mg/L		12/03/25 09:00	12/03/25 20:07	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		12/03/25 09:00	12/03/25 20:07	1
Cobalt	0.00385	J	0.0100	0.00123	mg/L		12/03/25 09:00	12/03/25 20:07	1
Iron	0.567		0.200	0.0283	mg/L		12/03/25 09:00	12/03/25 20:07	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		12/03/25 09:00	12/03/25 20:07	1
Magnesium	17.9		0.200	0.0445	mg/L		12/03/25 09:00	12/03/25 20:07	1

Client Sample ID: SFL MW-5D

Date Collected: 11/20/25 12:35
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-4

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		12/03/25 09:00	12/03/25 20:07	1
Potassium	**39.7**		0.500	0.106	mg/L		12/03/25 09:00	12/03/25 20:07	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		12/03/25 09:00	12/03/25 20:07	1
Sodium	**835**		25.0	7.59	mg/L		12/03/25 09:00	12/03/25 20:15	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		12/03/25 09:00	12/03/25 20:07	1
Li	**0.338**		0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 20:07	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.219**		0.0200	0.00549	mg/L		12/01/25 13:28	12/02/25 18:12	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		12/01/25 13:28	12/02/25 18:12	1
Arsenic	**0.00551**		0.00400	0.000690	mg/L		12/01/25 13:28	12/02/25 18:12	1
Barium	**0.0427**		0.00400	0.00134	mg/L		12/01/25 13:28	12/02/25 18:12	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		12/01/25 13:28	12/02/25 18:12	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		12/01/25 13:28	12/02/25 18:12	1
Chromium	**0.000907**	**J**	0.00400	0.000560	mg/L		12/01/25 13:28	12/02/25 18:12	1
Cobalt	**0.00314**		0.00200	0.000355	mg/L		12/01/25 13:28	12/02/25 18:12	1
Iron	**0.986**		0.0200	0.00445	mg/L		12/01/25 13:28	12/02/25 18:12	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		12/01/25 13:28	12/02/25 18:12	1
Molybdenum	**0.00723**		0.00200	0.000255	mg/L		12/01/25 13:28	12/02/25 18:12	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		12/01/25 13:28	12/02/25 18:12	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		12/01/25 13:28	12/02/25 18:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:29	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		12/02/25 09:19	12/02/25 22:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**260**		4.00	4.00	mg/L			11/25/25 14:56	1
Total Dissolved Solids (SM 2540C)	**3020**		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**7.3**	**HF**			SU			12/01/25 14:31	1
Temperature (SM 4500 H+ B)	**19.2**	**HF**			Celsius			12/01/25 14:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	27.9	U G	15.1	15.4	50.0	62.2	pCi/L	11/26/25 14:26	12/17/25 09:52	1
Radium-228	-1.59	U G	42.4	42.4	50.0	70.4	pCi/L	11/26/25 14:26	12/17/25 09:52	1
Combined Radium 226 + 228	26.3	U	45.0	45.1		70.4	pCi/L	11/26/25 14:26	12/17/25 09:52	1

Client Sample ID: SFL MW-5D

Lab Sample ID: 870-41825-4
Matrix: Water
Date Collected: 11/20/25 12:35
Date Received: 11/21/25 11:12

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.540**		0.222	0.227	1.00	0.237	pCi/L	12/01/25 08:55	12/23/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*12/01/25 08:55*	*12/23/25 09:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.46**		0.650	0.664	1.00	0.867	pCi/L	12/01/25 08:57	12/21/25 13:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.6*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:24*	*1*
Y Carrier	*87.1*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:24*	*1*

Client Sample ID: EB1

Lab Sample ID: 870-41825-5
Matrix: Water
Date Collected: 11/20/25 14:00
Date Received: 11/21/25 11:12

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			12/01/25 17:33	1
Fluoride	<0.100	U	0.500	0.100	mg/L			12/01/25 17:33	1
Sulfate	<0.200	U	0.500	0.200	mg/L			12/01/25 17:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		12/03/25 09:00	12/03/25 19:24	1
Calcium	<0.102	U	0.200	0.102	mg/L		12/03/25 09:00	12/03/25 19:24	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		12/03/25 09:00	12/03/25 19:24	1
Potassium	**0.131**	**J**	0.500	0.106	mg/L		12/03/25 09:00	12/03/25 19:24	1
Sodium	**1.14**		0.500	0.152	mg/L		12/03/25 09:00	12/03/25 19:24	1
Lithium	**0.0185**	**J**	0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 19:24	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		12/02/25 10:30	12/03/25 16:31	1
Antimony	**0.00857**	**J**	0.0200	0.00803	mg/L		12/02/25 10:30	12/03/25 16:31	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		12/02/25 10:30	12/03/25 16:31	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		12/02/25 10:30	12/03/25 16:31	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		12/02/25 10:30	12/03/25 16:31	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		12/02/25 10:30	12/03/25 16:31	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		12/02/25 10:30	12/03/25 16:31	1
Calcium	<0.102	U	0.200	0.102	mg/L		12/02/25 10:30	12/03/25 16:31	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		12/02/25 10:30	12/03/25 16:31	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		12/02/25 10:30	12/03/25 16:31	1
Iron	<0.0283	U	0.200	0.0283	mg/L		12/02/25 10:30	12/03/25 16:31	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		12/02/25 10:30	12/03/25 16:31	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		12/02/25 10:30	12/03/25 16:31	1

Client Sample ID: EB1

Date Collected: 11/20/25 14:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-5

Matrix: Water

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		12/02/25 10:30	12/03/25 16:31	1
Potassium	**0.148**	**J**	0.500	0.106	mg/L		12/02/25 10:30	12/03/25 16:31	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		12/02/25 10:30	12/03/25 16:31	1
Sodium	**1.28**	**B**	0.500	0.152	mg/L		12/02/25 10:30	12/03/25 16:31	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		12/02/25 10:30	12/03/25 16:31	1
Li	<0.0174	U	0.0400	0.0174	mg/L		12/02/25 10:30	12/03/25 16:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		12/01/25 13:28	12/02/25 18:18	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		12/01/25 13:28	12/02/25 18:18	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		12/01/25 13:28	12/02/25 18:18	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		12/01/25 13:28	12/02/25 18:18	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		12/01/25 13:28	12/02/25 18:18	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		12/01/25 13:28	12/02/25 18:18	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		12/01/25 13:28	12/02/25 18:18	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		12/01/25 13:28	12/02/25 18:18	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		12/01/25 13:28	12/02/25 18:18	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		12/01/25 13:28	12/02/25 18:18	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		12/01/25 13:28	12/02/25 18:18	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		12/01/25 13:28	12/02/25 18:18	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		12/01/25 13:28	12/02/25 18:18	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:35	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			11/25/25 17:23	1
Total Dissolved Solids (SM 2540C)	**5.00**		2.50	2.50	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	**7.7**	**HF**			SU			12/01/25 14:31	1
Temperature (SM 4500 H+ B)	**19.2**	**HF**			Celsius			12/01/25 14:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.35	U G	43.3	43.3	50.0	73.6	pCi/L	11/26/25 14:26	12/17/25 09:53	1
Radium-228	-7.37	U G	27.7	27.7	50.0	53.8	pCi/L	11/26/25 14:26	12/17/25 09:53	1
Combined Radium 226 + 228	-4.02	U	51.4	51.4		73.6	pCi/L	11/26/25 14:26	12/17/25 09:53	1

Client Sample ID: EB1

Date Collected: 11/20/25 14:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-5
Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00684	U	0.0864	0.0864	1.00	0.187	pCi/L	12/01/25 08:55	12/23/25 09:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*12/01/25 08:55*	*12/23/25 09:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.671**		0.359	0.364	1.00	0.501	pCi/L	12/01/25 08:57	12/21/25 10:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.9*		*30 - 110*	*12/01/25 08:57*	*12/21/25 10:46*	*1*
Y Carrier	*88.2*		*30 - 110*	*12/01/25 08:57*	*12/21/25 10:46*	*1*

Client Sample ID: AP MW-7

Date Collected: 11/20/25 16:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-6
Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1050**		5.00	2.50	mg/L			12/01/25 17:55	10
Fluoride	**0.137**	**J**	0.500	0.100	mg/L			12/01/25 17:48	1
Sulfate	**1190**		5.00	2.00	mg/L			12/01/25 17:55	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.879**		0.0500	0.0162	mg/L		12/03/25 09:00	12/03/25 19:25	1
Calcium	**341**		0.200	0.102	mg/L		12/03/25 09:00	12/03/25 19:25	1
Magnesium	**53.3**		0.200	0.0445	mg/L		12/03/25 09:00	12/03/25 19:25	1
Potassium	**45.1**		0.500	0.106	mg/L		12/03/25 09:00	12/03/25 19:25	1
Sodium	**645**		25.0	7.59	mg/L		12/03/25 09:00	12/03/25 19:33	50
Lithium	**0.390**		0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 19:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0145**	**J**	0.0200	0.00549	mg/L		12/01/25 13:28	12/02/25 18:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		12/01/25 13:28	12/02/25 18:15	1
Arsenic	**0.0136**		0.00400	0.000690	mg/L		12/01/25 13:28	12/02/25 18:15	1
Barium	**0.0490**		0.00400	0.00134	mg/L		12/01/25 13:28	12/02/25 18:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		12/01/25 13:28	12/02/25 18:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		12/01/25 13:28	12/02/25 18:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		12/01/25 13:28	12/02/25 18:15	1
Cobalt	**0.00266**		0.00200	0.000355	mg/L		12/01/25 13:28	12/02/25 18:15	1
Iron	**1.08**		0.0200	0.00445	mg/L		12/01/25 13:28	12/02/25 18:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		12/01/25 13:28	12/02/25 18:15	1
Molybdenum	**0.0104**		0.00200	0.000255	mg/L		12/01/25 13:28	12/02/25 18:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		12/01/25 13:28	12/02/25 18:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		12/01/25 13:28	12/02/25 18:15	1

Client Sample ID: AP MW-7

Date Collected: 11/20/25 16:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-6

Matrix: Water

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/26/25 00:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	255		4.00	4.00	mg/L			12/01/25 16:36	1
Total Dissolved Solids (SM 2540C)	3120		20.0	20.0	mg/L			11/24/25 16:29	1
pH (SM 4500 H+ B)	6.9	HF			SU			12/01/25 14:31	1
Temperature (SM 4500 H+ B)	19.1	HF			Celsius			12/01/25 14:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	40.5		20.7	21.1	50.0	26.5	pCi/L	11/26/25 14:26	12/17/25 09:53	1
Radium-228	29.9	U	28.7	28.9	50.0	48.4	pCi/L	11/26/25 14:26	12/17/25 09:53	1
Combined Radium 226 + 228	70.4		35.4	35.8		48.4	pCi/L	11/26/25 14:26	12/17/25 09:53	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.699		0.219	0.227	1.00	0.198	pCi/L	12/01/25 08:55	12/23/25 08:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*12/01/25 08:55*	*12/23/25 08:14*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.10		0.504	0.514	1.00	0.667	pCi/L	12/01/25 08:57	12/21/25 13:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:24*	*1*
Y Carrier	*86.7*		*30 - 110*	*12/01/25 08:57*	*12/21/25 13:24*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Gibbons Creek Electric Steam Station

Job ID: 870-41825-1
SDG: 10290148

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
870-41825-1	SFL MW-4S	78.7
870-41825-2	SFL MW-6D	84.0
870-41825-3	SFL MW-3D	88.2
870-41825-4	SFL MW-5D	91.6
870-41825-5	EB1	84.9
870-41825-6	AP MW-7	84.6
LCS 160-747223/2-A	Lab Control Sample	80.4
MB 160-747223/1-A	Method Blank	80.7

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
870-41825-1	SFL MW-4S	78.7	88.6
870-41825-2	SFL MW-6D	84.0	87.9
870-41825-3	SFL MW-3D	88.2	82.6
870-41825-4	SFL MW-5D	91.6	87.1
870-41825-5	EB1	84.9	88.2
870-41825-6	AP MW-7	84.6	86.7
LCS 160-747224/2-A	Lab Control Sample	80.4	83.4
MB 160-747224/1-A	Method Blank	80.7	80.7

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-278475/3
Matrix: Water
Analysis Batch: 278475

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			11/26/25 10:14	1
Fluoride	<0.100	U	0.500	0.100	mg/L			11/26/25 10:14	1
Sulfate	<0.200	U	0.500	0.200	mg/L			11/26/25 10:14	1

Lab Sample ID: LCS 860-278475/4
Matrix: Water
Analysis Batch: 278475

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.04		mg/L		100	90 - 110
Fluoride	10.0	10.63		mg/L		106	90 - 110
Sulfate	10.0	9.114		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-278475/5
Matrix: Water
Analysis Batch: 278475

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.07		mg/L		101	90 - 110	0	20
Fluoride	10.0	10.63		mg/L		106	90 - 110	0	20
Sulfate	10.0	9.146		mg/L		91	90 - 110	0	20

Lab Sample ID: LLCS 860-278475/7
Matrix: Water
Analysis Batch: 278475

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.7413		mg/L		148	50 - 150
Fluoride	0.500	0.4906	J	mg/L		98	50 - 150

Lab Sample ID: MB 860-278922/44
Matrix: Water
Analysis Batch: 278922

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			12/01/25 16:12	1
Fluoride	<0.100	U	0.500	0.100	mg/L			12/01/25 16:12	1
Sulfate	<0.200	U	0.500	0.200	mg/L			12/01/25 16:12	1

Lab Sample ID: LCS 860-278922/45
Matrix: Water
Analysis Batch: 278922

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.993		mg/L		100	90 - 110
Fluoride	10.0	10.34		mg/L		103	90 - 110
Sulfate	10.0	9.055		mg/L		91	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-278922/46
Matrix: Water
Analysis Batch: 278922

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	9.976		mg/L		100	90 - 110	0	20
Fluoride			10.0	10.29		mg/L		103	90 - 110	1	20
Sulfate			10.0	9.056		mg/L		91	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-278842/25-B
Matrix: Water
Analysis Batch: 279158

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278919

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		12/01/25 09:30	12/01/25 19:58	1
Calcium	<0.102	U	0.200	0.102	mg/L		12/01/25 09:30	12/01/25 19:58	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		12/01/25 09:30	12/01/25 19:58	1
Potassium	<0.106	U	0.500	0.106	mg/L		12/01/25 09:30	12/01/25 19:58	1
Sodium	0.3620	J	0.500	0.152	mg/L		12/01/25 09:30	12/01/25 19:58	1
Lithium	0.03460	J	0.0400	0.0174	mg/L		12/01/25 09:30	12/01/25 19:58	1

Lab Sample ID: LCS 860-278842/26-B
Matrix: Water
Analysis Batch: 279158

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278919

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.010		mg/L		101	80 - 120		
Calcium			25.0	26.20		mg/L		105	80 - 120		
Magnesium			25.0	25.50		mg/L		102	80 - 120		
Potassium			10.0	10.50		mg/L		105	80 - 120		
Sodium			25.0	26.30		mg/L		105	80 - 120		
Lithium			1.00	1.040		mg/L		104	80 - 120		

Lab Sample ID: LCSD 860-278842/27-B
Matrix: Water
Analysis Batch: 279158

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278919

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.010		mg/L		101	80 - 120	0	20
Calcium			25.0	26.30		mg/L		105	80 - 120	0	20
Magnesium			25.0	25.60		mg/L		102	80 - 120	0	20
Potassium			10.0	10.60		mg/L		106	80 - 120	1	20
Sodium			25.0	26.40		mg/L		106	80 - 120	0	20
Lithium			1.00	1.040		mg/L		104	80 - 120	0	20

Lab Sample ID: MB 860-279462/1-A
Matrix: Water
Analysis Batch: 279764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 279462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		12/03/25 09:00	12/03/25 19:00	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		12/03/25 09:00	12/03/25 19:00	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		12/03/25 09:00	12/03/25 19:00	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-279462/1-A
Matrix: Water
Analysis Batch: 279764

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 279462

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00125	U	0.0100	0.00125	mg/L		12/03/25 09:00	12/03/25 19:00	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		12/03/25 09:00	12/03/25 19:00	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		12/03/25 09:00	12/03/25 19:00	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		12/03/25 09:00	12/03/25 19:00	1
Calcium	<0.102	U	0.200	0.102	mg/L		12/03/25 09:00	12/03/25 19:00	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		12/03/25 09:00	12/03/25 19:00	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		12/03/25 09:00	12/03/25 19:00	1
Iron	<0.0283	U	0.200	0.0283	mg/L		12/03/25 09:00	12/03/25 19:00	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		12/03/25 09:00	12/03/25 19:00	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		12/03/25 09:00	12/03/25 19:00	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		12/03/25 09:00	12/03/25 19:00	1
Potassium	<0.106	U	0.500	0.106	mg/L		12/03/25 09:00	12/03/25 19:00	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		12/03/25 09:00	12/03/25 19:00	1
Sodium	<0.152	U	0.500	0.152	mg/L		12/03/25 09:00	12/03/25 19:00	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		12/03/25 09:00	12/03/25 19:00	1
Li	<0.0174	U	0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 19:00	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		12/03/25 09:00	12/03/25 19:00	1

Lab Sample ID: LCS 860-279462/2-A
Matrix: Water
Analysis Batch: 279764

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 279462

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.950		mg/L		99	80 - 120
Antimony	1.00	0.8890		mg/L		89	80 - 120
Arsenic	1.00	1.030		mg/L		103	80 - 120
Barium	1.00	1.040		mg/L		104	80 - 120
Beryllium	1.00	1.050		mg/L		105	80 - 120
Boron	1.00	0.9830		mg/L		98	80 - 120
Cadmium	1.00	1.030		mg/L		103	80 - 120
Calcium	25.0	25.20		mg/L		101	80 - 120
Chromium	1.00	1.030		mg/L		103	80 - 120
Cobalt	1.00	1.030		mg/L		103	80 - 120
Iron	5.00	5.020		mg/L		100	80 - 120
Lead	1.00	1.010		mg/L		101	80 - 120
Magnesium	25.0	24.30		mg/L		97	80 - 120
Molybdenum	1.00	1.010		mg/L		101	80 - 120
Potassium	10.0	9.820		mg/L		98	80 - 120
Selenium	1.00	1.030		mg/L		103	80 - 120
Sodium	25.0	24.40		mg/L		98	80 - 120
Thallium	1.00	1.060		mg/L		106	80 - 120
Li	1.00	0.9580		mg/L		96	80 - 120
Lithium	1.00	0.9580		mg/L		96	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-279462/3-A
Matrix: Water
Analysis Batch: 279764

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 279462

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	4.930		mg/L		99	80 - 120	0	20
Antimony			1.00	0.9510		mg/L		95	80 - 120	7	20
Arsenic			1.00	1.030		mg/L		103	80 - 120	0	20
Barium			1.00	1.040		mg/L		104	80 - 120	0	20
Beryllium			1.00	1.040		mg/L		104	80 - 120	1	20
Boron			1.00	0.9740		mg/L		97	80 - 120	1	20
Cadmium			1.00	1.020		mg/L		102	80 - 120	1	20
Calcium			25.0	25.10		mg/L		100	80 - 120	0	20
Chromium			1.00	1.020		mg/L		102	80 - 120	1	20
Cobalt			1.00	1.030		mg/L		103	80 - 120	0	20
Iron			5.00	4.990		mg/L		100	80 - 120	1	20
Lead			1.00	1.010		mg/L		101	80 - 120	0	20
Magnesium			25.0	24.20		mg/L		97	80 - 120	0	20
Molybdenum			1.00	1.010		mg/L		101	80 - 120	0	20
Potassium			10.0	9.780		mg/L		98	80 - 120	0	20
Selenium			1.00	1.050		mg/L		105	80 - 120	2	20
Sodium			25.0	24.30		mg/L		97	80 - 120	0	20
Thallium			1.00	1.050		mg/L		105	80 - 120	1	20
Li			1.00	0.9590		mg/L		96	80 - 120	0	20
Lithium			1.00	0.9590		mg/L		96	80 - 120	0	20

Lab Sample ID: MB 860-278842/25-D
Matrix: Water
Analysis Batch: 279628

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 279232

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		12/02/25 10:30	12/03/25 15:31	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		12/02/25 10:30	12/03/25 15:31	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		12/02/25 10:30	12/03/25 15:31	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		12/02/25 10:30	12/03/25 15:31	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		12/02/25 10:30	12/03/25 15:31	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		12/02/25 10:30	12/03/25 15:31	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		12/02/25 10:30	12/03/25 15:31	1
Calcium	<0.102	U	0.200	0.102	mg/L		12/02/25 10:30	12/03/25 15:31	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		12/02/25 10:30	12/03/25 15:31	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		12/02/25 10:30	12/03/25 15:31	1
Iron	<0.0283	U	0.200	0.0283	mg/L		12/02/25 10:30	12/03/25 15:31	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		12/02/25 10:30	12/03/25 15:31	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		12/02/25 10:30	12/03/25 15:31	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		12/02/25 10:30	12/03/25 15:31	1
Potassium	<0.106	U	0.500	0.106	mg/L		12/02/25 10:30	12/03/25 15:31	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		12/02/25 10:30	12/03/25 15:31	1
Sodium	0.2320	J	0.500	0.152	mg/L		12/02/25 10:30	12/03/25 15:31	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		12/02/25 10:30	12/03/25 15:31	1
Li	0.02750	J	0.0400	0.0174	mg/L		12/02/25 10:30	12/03/25 15:31	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-278842/26-D
Matrix: Water
Analysis Batch: 279628

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 279232

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aluminum			5.00	4.900		mg/L		98	80 - 120		
Antimony			1.00	0.8770		mg/L		88	80 - 120		
Arsenic			1.00	1.010		mg/L		101	80 - 120		
Barium			1.00	1.030		mg/L		103	80 - 120		
Beryllium			1.00	1.030		mg/L		103	80 - 120		
Boron			1.00	0.9720		mg/L		97	80 - 120		
Cadmium			1.00	1.010		mg/L		101	80 - 120		
Calcium			25.0	25.20		mg/L		101	80 - 120		
Chromium			1.00	1.020		mg/L		102	80 - 120		
Cobalt			1.00	1.010		mg/L		101	80 - 120		
Iron			5.00	4.950		mg/L		99	80 - 120		
Lead			1.00	0.9980		mg/L		100	80 - 120		
Magnesium			25.0	24.20		mg/L		97	80 - 120		
Molybdenum			1.00	0.9960		mg/L		100	80 - 120		
Potassium			10.0	9.840		mg/L		98	80 - 120		
Selenium			1.00	1.020		mg/L		102	80 - 120		
Sodium			25.0	24.50		mg/L		98	80 - 120		
Thallium			1.00	1.040		mg/L		104	80 - 120		
Li			1.00	0.9620		mg/L		96	80 - 120		

Lab Sample ID: LCSD 860-278842/27-D
Matrix: Water
Analysis Batch: 279628

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 279232

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	4.910		mg/L		98	80 - 120	0	20
Antimony			1.00	0.9520		mg/L		95	80 - 120	8	20
Arsenic			1.00	1.000		mg/L		100	80 - 120	1	20
Barium			1.00	1.030		mg/L		103	80 - 120	0	20
Beryllium			1.00	1.040		mg/L		104	80 - 120	1	20
Boron			1.00	0.9740		mg/L		97	80 - 120	0	20
Cadmium			1.00	1.020		mg/L		102	80 - 120	1	20
Calcium			25.0	25.20		mg/L		101	80 - 120	0	20
Chromium			1.00	1.020		mg/L		102	80 - 120	0	20
Cobalt			1.00	1.020		mg/L		102	80 - 120	1	20
Iron			5.00	4.960		mg/L		99	80 - 120	0	20
Lead			1.00	0.9980		mg/L		100	80 - 120	0	20
Magnesium			25.0	24.20		mg/L		97	80 - 120	0	20
Molybdenum			1.00	1.010		mg/L		101	80 - 120	1	20
Potassium			10.0	9.830		mg/L		98	80 - 120	0	20
Selenium			1.00	1.040		mg/L		104	80 - 120	2	20
Sodium			25.0	24.50		mg/L		98	80 - 120	0	20
Thallium			1.00	1.040		mg/L		104	80 - 120	0	20
Li			1.00	0.9660		mg/L		97	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LB 860-278837/1-B
Matrix: Water
Analysis Batch: 279425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278995

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0275	U	0.100	0.0275	mg/L		12/01/25 13:28	12/02/25 16:58	1
Antimony	<0.00375	U	0.0100	0.00375	mg/L		12/01/25 13:28	12/02/25 16:58	1
Arsenic	<0.00345	U	0.0200	0.00345	mg/L		12/01/25 13:28	12/02/25 16:58	1
Barium	<0.00671	U	0.0200	0.00671	mg/L		12/01/25 13:28	12/02/25 16:58	1
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		12/01/25 13:28	12/02/25 16:58	1
Cadmium	<0.00120	U	0.0100	0.00120	mg/L		12/01/25 13:28	12/02/25 16:58	1
Chromium	<0.00280	U	0.0200	0.00280	mg/L		12/01/25 13:28	12/02/25 16:58	1
Cobalt	<0.00178	U	0.0100	0.00178	mg/L		12/01/25 13:28	12/02/25 16:58	1
Iron	<0.0223	U	0.100	0.0223	mg/L		12/01/25 13:28	12/02/25 16:58	1
Lead	<0.00184	U	0.0100	0.00184	mg/L		12/01/25 13:28	12/02/25 16:58	1
Molybdenum	0.002104	J	0.0100	0.00128	mg/L		12/01/25 13:28	12/02/25 16:58	1
Selenium	<0.00295	U	0.0100	0.00295	mg/L		12/01/25 13:28	12/02/25 16:58	1
Thallium	<0.00208	U	0.0100	0.00208	mg/L		12/01/25 13:28	12/02/25 16:58	1

Lab Sample ID: MB 860-278995/1-A
Matrix: Water
Analysis Batch: 279425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		12/01/25 13:28	12/02/25 16:49	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		12/01/25 13:28	12/02/25 16:49	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		12/01/25 13:28	12/02/25 16:49	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		12/01/25 13:28	12/02/25 16:49	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		12/01/25 13:28	12/02/25 16:49	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		12/01/25 13:28	12/02/25 16:49	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		12/01/25 13:28	12/02/25 16:49	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		12/01/25 13:28	12/02/25 16:49	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		12/01/25 13:28	12/02/25 16:49	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		12/01/25 13:28	12/02/25 16:49	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		12/01/25 13:28	12/02/25 16:49	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		12/01/25 13:28	12/02/25 16:49	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		12/01/25 13:28	12/02/25 16:49	1

Lab Sample ID: LCS 860-278995/2-A
Matrix: Water
Analysis Batch: 279425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5377		mg/L		108	80 - 120
Antimony	0.100	0.1034		mg/L		103	80 - 120
Arsenic	0.100	0.1056		mg/L		106	80 - 120
Barium	0.100	0.1029		mg/L		103	80 - 120
Beryllium	0.100	0.1020		mg/L		102	80 - 120
Cadmium	0.100	0.1045		mg/L		104	80 - 120
Chromium	0.100	0.1061		mg/L		106	80 - 120
Cobalt	0.100	0.1046		mg/L		105	80 - 120
Iron	0.500	0.5282		mg/L		106	80 - 120
Lead	0.100	0.1053		mg/L		105	80 - 120
Molybdenum	0.100	0.1030		mg/L		103	80 - 120

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

Lab Sample ID: LCS 860-278995/2-A
Matrix: Water
Analysis Batch: 279425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.1064		mg/L		106	80 - 120
Thallium	0.100	0.1080		mg/L		108	80 - 120

Lab Sample ID: LCSD 860-278995/3-A
Matrix: Water
Analysis Batch: 279425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278995

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5452		mg/L		109	80 - 120	1	20
Antimony	0.100	0.1048		mg/L		105	80 - 120	1	20
Arsenic	0.100	0.1059		mg/L		106	80 - 120	0	20
Barium	0.100	0.1041		mg/L		104	80 - 120	1	20
Beryllium	0.100	0.1029		mg/L		103	80 - 120	1	20
Cadmium	0.100	0.1046		mg/L		105	80 - 120	0	20
Chromium	0.100	0.1067		mg/L		107	80 - 120	1	20
Cobalt	0.100	0.1051		mg/L		105	80 - 120	1	20
Iron	0.500	0.5307		mg/L		106	80 - 120	0	20
Lead	0.100	0.1057		mg/L		106	80 - 120	0	20
Molybdenum	0.100	0.1045		mg/L		104	80 - 120	1	20
Selenium	0.100	0.1058		mg/L		106	80 - 120	1	20
Thallium	0.100	0.1079		mg/L		108	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-278207/10-A
Matrix: Water
Analysis Batch: 278425

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278207

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/25/25 11:07	11/25/25 23:44	1

Lab Sample ID: LCS 860-278207/11-A
Matrix: Water
Analysis Batch: 278425

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278207

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002200		mg/L		110	80 - 120

Lab Sample ID: LCSD 860-278207/12-A
Matrix: Water
Analysis Batch: 278425

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278207

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.002030		mg/L		101	80 - 120	8	20

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

Lab Sample ID: MB 860-278850/10-A
Matrix: Water
Analysis Batch: 279120

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 278850

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		11/30/25 16:50	12/01/25 20:56	1

Lab Sample ID: LCS 860-278850/11-A
Matrix: Water
Analysis Batch: 279120

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 278850

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002033		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-278850/12-A
Matrix: Water
Analysis Batch: 279120

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 278850

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.002026		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 860-279172/10-A
Matrix: Water
Analysis Batch: 279429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 279172

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		12/02/25 09:19	12/02/25 21:20	1

Lab Sample ID: LCS 860-279172/11-A
Matrix: Water
Analysis Batch: 279429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 279172

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001880		mg/L		94	80 - 120

Lab Sample ID: LCSD 860-279172/12-A
Matrix: Water
Analysis Batch: 279429

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 279172

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001820		mg/L		91	80 - 120	3	20

Lab Sample ID: 870-41825-3 MS
Matrix: Water
Analysis Batch: 278425

Client Sample ID: SFL MW-3D
Prep Type: Dissolved
Prep Batch: 278207

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	<0.0000706	U	0.00200	0.001910		mg/L		95	75 - 125

Lab Sample ID: 870-41825-3 MSD
Matrix: Water
Analysis Batch: 278425

Client Sample ID: SFL MW-3D
Prep Type: Dissolved
Prep Batch: 278207

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.0000706	U	0.00200	0.001900		mg/L		95	75 - 125	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-278837/1-E
Matrix: Water
Analysis Batch: 279429

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 279172

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		12/02/25 09:19	12/02/25 21:25	1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-278449/3
Matrix: Water
Analysis Batch: 278449

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/25/25 10:58	1

Lab Sample ID: MB 860-278449/34
Matrix: Water
Analysis Batch: 278449

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			11/25/25 15:29	1

Lab Sample ID: LCS 860-278449/35
Matrix: Water
Analysis Batch: 278449

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	242.0		mg/L		97	85 - 115		

Lab Sample ID: LCS 860-278449/4
Matrix: Water
Analysis Batch: 278449

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	243.4		mg/L		97	85 - 115		

Lab Sample ID: LCSD 860-278449/36
Matrix: Water
Analysis Batch: 278449

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	241.9		mg/L		97	85 - 115	0	20

Lab Sample ID: LCSD 860-278449/5
Matrix: Water
Analysis Batch: 278449

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	243.6		mg/L		97	85 - 115	0	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 860-279051/3
Matrix: Water
Analysis Batch: 279051

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			12/01/25 14:04	1

Lab Sample ID: LCS 860-279051/4
Matrix: Water
Analysis Batch: 279051

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	245.4		mg/L		98	85 - 115		

Lab Sample ID: LCSD 860-279051/5
Matrix: Water
Analysis Batch: 279051

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	245.0		mg/L		98	85 - 115	0	20

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

Lab Sample ID: MB 870-33806/1
Matrix: Water
Analysis Batch: 33806

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	<2.50	U	2.50	2.50	mg/L			11/24/25 16:29	1

Lab Sample ID: LCS 870-33806/2
Matrix: Water
Analysis Batch: 33806

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			1000	905.0		mg/L		91	80 - 120		

Lab Sample ID: LCSD 870-33806/3
Matrix: Water
Analysis Batch: 33806

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	975.0		mg/L		98	80 - 120	7	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-41825-4 DU
Matrix: Water
Analysis Batch: 33897

Client Sample ID: SFL MW-5D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.3	HF		7.3		SU				0.8	20
Temperature	19.2	HF		19.2		Celsius				0	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-747160/1-A
Matrix: Water
Analysis Batch: 750053

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747160

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-28.20	U G	25.5	25.6	50.0	107	pCi/L	11/26/25 14:26	12/18/25 10:22	1
Radium-228	3.167	U G	7.45	7.46	50.0	81.6	pCi/L	11/26/25 14:26	12/18/25 10:22	1
Combined Radium 226 + 228	-25.03	U	26.6	26.7		107	pCi/L	11/26/25 14:26	12/18/25 10:22	1

Lab Sample ID: LCS 160-747160/2-A
Matrix: Water
Analysis Batch: 749879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747160

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	139600		15200		1160	pCi/L	98	75 - 125
Cesium-137	37500	37880		3770		177	pCi/L	101	75 - 125
Cobalt-60	49900	48400		4720		105	pCi/L	97	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-747223/1-A
Matrix: Water
Analysis Batch: 750908

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747223

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03532	U	0.0900	0.0901	1.00	0.208	pCi/L	12/01/25 08:55	12/23/25 08:01	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.7*		*30 - 110*	*12/01/25 08:55*	*12/23/25 08:01*	*1*

Lab Sample ID: LCS 160-747223/2-A
Matrix: Water
Analysis Batch: 750908

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747223

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	8.491		1.04	1.00	0.172	pCi/L	89	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*80.4*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-747224/1-A
Matrix: Water
Analysis Batch: 750442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747224

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3479	U	0.413	0.415	1.00	0.680	pCi/L	12/01/25 08:57	12/21/25 13:11	1

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-747224/1-A
Matrix: Water
Analysis Batch: 750442

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 747224

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	80.7		30 - 110	12/01/25 08:57	12/21/25 13:11	1
Y Carrier	80.7		30 - 110	12/01/25 08:57	12/21/25 13:11	1

Lab Sample ID: LCS 160-747224/2-A
Matrix: Water
Analysis Batch: 750442

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 747224

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.84	8.759		1.26	1.00	0.549	pCi/L	112	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	80.4		30 - 110
Y Carrier	83.4		30 - 110

HPLC/IC

Analysis Batch: 278475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	9056A	
870-41825-1	SFL MW-4S	Total/NA	Water	9056A	
870-41825-2	SFL MW-6D	Total/NA	Water	9056A	
870-41825-2	SFL MW-6D	Total/NA	Water	9056A	
870-41825-3	SFL MW-3D	Total/NA	Water	9056A	
870-41825-3	SFL MW-3D	Total/NA	Water	9056A	
870-41825-4	SFL MW-5D	Total/NA	Water	9056A	
870-41825-4	SFL MW-5D	Total/NA	Water	9056A	
MB 860-278475/3	Method Blank	Total/NA	Water	9056A	
LCS 860-278475/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-278475/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-278475/7	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 278922

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-5	EB1	Total/NA	Water	9056A	
870-41825-6	AP MW-7	Total/NA	Water	9056A	
870-41825-6	AP MW-7	Total/NA	Water	9056A	
MB 860-278922/44	Method Blank	Total/NA	Water	9056A	
LCS 860-278922/45	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-278922/46	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Prep Batch: 278207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	7470A	
870-41825-2	SFL MW-6D	Total/NA	Water	7470A	
870-41825-3	SFL MW-3D	Dissolved	Water	7470A	
870-41825-3	SFL MW-3D	Total/NA	Water	7470A	
870-41825-4	SFL MW-5D	Total/NA	Water	7470A	
870-41825-5	EB1	Dissolved	Water	7470A	
870-41825-5	EB1	Total/NA	Water	7470A	
870-41825-6	AP MW-7	Total/NA	Water	7470A	
MB 860-278207/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-278207/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-278207/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
870-41825-3 MS	SFL MW-3D	Dissolved	Water	7470A	
870-41825-3 MSD	SFL MW-3D	Dissolved	Water	7470A	

Analysis Batch: 278425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	7470A	278207
870-41825-2	SFL MW-6D	Total/NA	Water	7470A	278207
870-41825-3	SFL MW-3D	Dissolved	Water	7470A	278207
870-41825-3	SFL MW-3D	Total/NA	Water	7470A	278207
870-41825-4	SFL MW-5D	Total/NA	Water	7470A	278207
870-41825-5	EB1	Dissolved	Water	7470A	278207
870-41825-5	EB1	Total/NA	Water	7470A	278207
870-41825-6	AP MW-7	Total/NA	Water	7470A	278207
MB 860-278207/10-A	Method Blank	Total/NA	Water	7470A	278207

Metals (Continued)

Analysis Batch: 278425 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-278207/11-A	Lab Control Sample	Total/NA	Water	7470A	278207
LCSD 860-278207/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	278207
870-41825-3 MS	SFL MW-3D	Dissolved	Water	7470A	278207
870-41825-3 MSD	SFL MW-3D	Dissolved	Water	7470A	278207

Leach Batch: 278837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-278837/1-B	Method Blank	Total/NA	Water	1311	
LB 860-278837/1-E	Method Blank	Dissolved	Water	1311	

Filtration Batch: 278842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-278842/25-B	Method Blank	Total/NA	Water	Filtration	
MB 860-278842/25-D	Method Blank	Dissolved	Water	Filtration	
LCS 860-278842/26-B	Lab Control Sample	Total/NA	Water	Filtration	
LCS 860-278842/26-D	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-278842/27-B	Lab Control Sample Dup	Total/NA	Water	Filtration	
LCSD 860-278842/27-D	Lab Control Sample Dup	Dissolved	Water	Filtration	

Prep Batch: 278850

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-2	SFL MW-6D	Dissolved	Water	7470A	
MB 860-278850/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-278850/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-278850/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 278919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	3010A	
MB 860-278842/25-B	Method Blank	Total/NA	Water	3010A	278842
LCS 860-278842/26-B	Lab Control Sample	Total/NA	Water	3010A	278842
LCSD 860-278842/27-B	Lab Control Sample Dup	Total/NA	Water	3010A	278842

Prep Batch: 278995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	3010A	
870-41825-2	SFL MW-6D	Total/NA	Water	3010A	
870-41825-3	SFL MW-3D	Total/NA	Water	3010A	
870-41825-4	SFL MW-5D	Total/NA	Water	3010A	
870-41825-5	EB1	Total/NA	Water	3010A	
870-41825-6	AP MW-7	Total/NA	Water	3010A	
LB 860-278837/1-B	Method Blank	Total/NA	Water	3010A	278837
MB 860-278995/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-278995/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-278995/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 279120

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-2	SFL MW-6D	Dissolved	Water	7470A	278850
MB 860-278850/10-A	Method Blank	Total/NA	Water	7470A	278850
LCS 860-278850/11-A	Lab Control Sample	Total/NA	Water	7470A	278850

Metals (Continued)

Analysis Batch: 279120 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-278850/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	278850

Analysis Batch: 279158

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	6010D	278919
870-41825-1	SFL MW-4S	Total/NA	Water	6010D	278919
MB 860-278842/25-B	Method Blank	Total/NA	Water	6010D	278919
LCS 860-278842/26-B	Lab Control Sample	Total/NA	Water	6010D	278919
LCSD 860-278842/27-B	Lab Control Sample Dup	Total/NA	Water	6010D	278919

Prep Batch: 279172

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-4	SFL MW-5D	Dissolved	Water	7470A	
LB 860-278837/1-E	Method Blank	Dissolved	Water	7470A	278837
MB 860-279172/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-279172/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-279172/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Prep Batch: 279232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-2	SFL MW-6D	Dissolved	Water	3010A	
870-41825-3	SFL MW-3D	Dissolved	Water	3010A	
870-41825-5	EB1	Dissolved	Water	3010A	
MB 860-278842/25-D	Method Blank	Dissolved	Water	3010A	278842
LCS 860-278842/26-D	Lab Control Sample	Dissolved	Water	3010A	278842
LCSD 860-278842/27-D	Lab Control Sample Dup	Dissolved	Water	3010A	278842

Analysis Batch: 279425

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	6020B	278995
870-41825-2	SFL MW-6D	Total/NA	Water	6020B	278995
870-41825-3	SFL MW-3D	Total/NA	Water	6020B	278995
870-41825-4	SFL MW-5D	Total/NA	Water	6020B	278995
870-41825-5	EB1	Total/NA	Water	6020B	278995
870-41825-6	AP MW-7	Total/NA	Water	6020B	278995
LB 860-278837/1-B	Method Blank	Total/NA	Water	6020B	278995
MB 860-278995/1-A	Method Blank	Total/NA	Water	6020B	278995
LCS 860-278995/2-A	Lab Control Sample	Total/NA	Water	6020B	278995
LCSD 860-278995/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	278995

Analysis Batch: 279429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-4	SFL MW-5D	Dissolved	Water	7470A	279172
LB 860-278837/1-E	Method Blank	Dissolved	Water	7470A	279172
MB 860-279172/10-A	Method Blank	Total/NA	Water	7470A	279172
LCS 860-279172/11-A	Lab Control Sample	Total/NA	Water	7470A	279172
LCSD 860-279172/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	279172

Prep Batch: 279462

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-2	SFL MW-6D	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 279462 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-3	SFL MW-3D	Total/NA	Water	3010A	
870-41825-4	SFL MW-5D	Dissolved	Water	3010A	
870-41825-4	SFL MW-5D	Total/NA	Water	3010A	
870-41825-5	EB1	Total/NA	Water	3010A	
870-41825-6	AP MW-7	Total/NA	Water	3010A	
MB 860-279462/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-279462/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-279462/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 279628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-2	SFL MW-6D	Dissolved	Water	6010D	279232
870-41825-2	SFL MW-6D	Dissolved	Water	6010D	279232
870-41825-3	SFL MW-3D	Dissolved	Water	6010D	279232
870-41825-3	SFL MW-3D	Dissolved	Water	6010D	279232
870-41825-5	EB1	Dissolved	Water	6010D	279232
MB 860-278842/25-D	Method Blank	Dissolved	Water	6010D	279232
LCS 860-278842/26-D	Lab Control Sample	Dissolved	Water	6010D	279232
LCSD 860-278842/27-D	Lab Control Sample Dup	Dissolved	Water	6010D	279232

Analysis Batch: 279764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-2	SFL MW-6D	Total/NA	Water	6010D	279462
870-41825-2	SFL MW-6D	Total/NA	Water	6010D	279462
870-41825-3	SFL MW-3D	Total/NA	Water	6010D	279462
870-41825-3	SFL MW-3D	Total/NA	Water	6010D	279462
870-41825-4	SFL MW-5D	Dissolved	Water	6010D	279462
870-41825-4	SFL MW-5D	Dissolved	Water	6010D	279462
870-41825-4	SFL MW-5D	Total/NA	Water	6010D	279462
870-41825-4	SFL MW-5D	Total/NA	Water	6010D	279462
870-41825-5	EB1	Total/NA	Water	6010D	279462
870-41825-6	AP MW-7	Total/NA	Water	6010D	279462
870-41825-6	AP MW-7	Total/NA	Water	6010D	279462
MB 860-279462/1-A	Method Blank	Total/NA	Water	6010D	279462
LCS 860-279462/2-A	Lab Control Sample	Total/NA	Water	6010D	279462
LCSD 860-279462/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	279462

General Chemistry

Analysis Batch: 33806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	SM 2540C	
870-41825-2	SFL MW-6D	Total/NA	Water	SM 2540C	
870-41825-3	SFL MW-3D	Total/NA	Water	SM 2540C	
870-41825-4	SFL MW-5D	Total/NA	Water	SM 2540C	
870-41825-5	EB1	Total/NA	Water	SM 2540C	
870-41825-6	AP MW-7	Total/NA	Water	SM 2540C	
MB 870-33806/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-33806/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-33806/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

General Chemistry

Analysis Batch: 33897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	SM 4500 H+ B	
870-41825-2	SFL MW-6D	Total/NA	Water	SM 4500 H+ B	
870-41825-3	SFL MW-3D	Total/NA	Water	SM 4500 H+ B	
870-41825-4	SFL MW-5D	Total/NA	Water	SM 4500 H+ B	
870-41825-5	EB1	Total/NA	Water	SM 4500 H+ B	
870-41825-6	AP MW-7	Total/NA	Water	SM 4500 H+ B	
870-41825-4 DU	SFL MW-5D	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 278449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	SM 2320B	
870-41825-2	SFL MW-6D	Total/NA	Water	SM 2320B	
870-41825-3	SFL MW-3D	Total/NA	Water	SM 2320B	
870-41825-4	SFL MW-5D	Total/NA	Water	SM 2320B	
870-41825-5	EB1	Total/NA	Water	SM 2320B	
MB 860-278449/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-278449/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-278449/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-278449/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-278449/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-278449/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 279051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-6	AP MW-7	Total/NA	Water	SM 2320B	
MB 860-279051/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-279051/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-279051/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 747160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	Fill_Geo-21	
870-41825-2	SFL MW-6D	Total/NA	Water	Fill_Geo-21	
870-41825-3	SFL MW-3D	Total/NA	Water	Fill_Geo-21	
870-41825-4	SFL MW-5D	Total/NA	Water	Fill_Geo-21	
870-41825-5	EB1	Total/NA	Water	Fill_Geo-21	
870-41825-6	AP MW-7	Total/NA	Water	Fill_Geo-21	
MB 160-747160/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-747160/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 747223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	PrecSep-21	
870-41825-2	SFL MW-6D	Total/NA	Water	PrecSep-21	
870-41825-3	SFL MW-3D	Total/NA	Water	PrecSep-21	
870-41825-4	SFL MW-5D	Total/NA	Water	PrecSep-21	
870-41825-5	EB1	Total/NA	Water	PrecSep-21	
870-41825-6	AP MW-7	Total/NA	Water	PrecSep-21	
MB 160-747223/1-A	Method Blank	Total/NA	Water	PrecSep-21	

Rad (Continued)

Prep Batch: 747223 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-747223/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 747224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-41825-1	SFL MW-4S	Total/NA	Water	PrecSep_0	
870-41825-2	SFL MW-6D	Total/NA	Water	PrecSep_0	
870-41825-3	SFL MW-3D	Total/NA	Water	PrecSep_0	
870-41825-4	SFL MW-5D	Total/NA	Water	PrecSep_0	
870-41825-5	EB1	Total/NA	Water	PrecSep_0	
870-41825-6	AP MW-7	Total/NA	Water	PrecSep_0	
MB 160-747224/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-747224/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Electric Steam Station

Job ID: 870-41825-1
SDG: 10290148

Client Sample ID: SFL MW-4S

Date Collected: 11/19/25 09:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278475	11/26/25 13:18	YG	EET HOU
Total/NA	Analysis	9056A		10			278475	11/26/25 13:25	YG	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278919	12/01/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		1			279158	12/01/25 20:23	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278919	12/01/25 09:30	MD	EET HOU
Total/NA	Analysis	6010D		50			279158	12/01/25 20:26	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278995	12/01/25 13:28	MD	EET HOU
Total/NA	Analysis	6020B		1			279425	12/02/25 18:03	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:31	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278449	11/25/25 14:51	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33897	12/01/25 14:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	747160	11/26/25 14:26	HGB	EET SL
Total/NA	Analysis	901.1		1			749880	12/17/25 08:14	MLS	EET SL
Total/NA	Prep	PrecSep-21			1002.53 mL	1.0 g	747223	12/01/25 08:55	AMS	EET SL
Total/NA	Analysis	903.0		1			750908	12/23/25 08:04	EJS	EET SL
Total/NA	Prep	PrecSep_0			1002.53 mL	1.0 g	747224	12/01/25 08:57	AMS	EET SL
Total/NA	Analysis	904.0		1			750544	12/21/25 13:23	FLC	EET SL

Client Sample ID: SFL MW-6D

Date Collected: 11/19/25 10:20
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278475	11/26/25 13:33	YG	EET HOU
Total/NA	Analysis	9056A		10			278475	11/26/25 13:40	YG	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	279232	12/02/25 10:30	MD	EET HOU
Dissolved	Analysis	6010D		1			279628	12/03/25 16:28	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	279232	12/02/25 10:30	MD	EET HOU
Dissolved	Analysis	6010D		50			279628	12/03/25 16:33	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			279764	12/03/25 19:18	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			279764	12/03/25 19:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278995	12/01/25 13:28	MD	EET HOU
Total/NA	Analysis	6020B		1			279425	12/02/25 18:06	SHZ	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	278850	11/30/25 16:50	PB	EET HOU
Dissolved	Analysis	7470A		1			279120	12/01/25 21:14	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:34	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278449	11/25/25 17:34	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL

Client Sample ID: SFL MW-6D

Lab Sample ID: 870-41825-2

Date Collected: 11/19/25 10:20

Matrix: Water

Date Received: 11/21/25 11:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1			33897	12/01/25 14:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	747160	11/26/25 14:26	HGB	EET SL
Total/NA	Analysis	901.1		1			749876	12/17/25 09:52	MLS	EET SL
Total/NA	Prep	PrecSep-21			502.20 mL	1.0 g	747223	12/01/25 08:55	AMS	EET SL
Total/NA	Analysis	903.0		1			750908	12/23/25 09:58	EJS	EET SL
Total/NA	Prep	PrecSep_0			502.20 mL	1.0 g	747224	12/01/25 08:57	AMS	EET SL
Total/NA	Analysis	904.0		1			750544	12/21/25 13:23	FLC	EET SL

Client Sample ID: SFL MW-3D

Lab Sample ID: 870-41825-3

Date Collected: 11/20/25 09:55

Matrix: Water

Date Received: 11/21/25 11:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278475	11/26/25 13:47	YG	EET HOU
Total/NA	Analysis	9056A		10			278475	11/26/25 13:55	YG	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	279232	12/02/25 10:30	MD	EET HOU
Dissolved	Analysis	6010D		1			279628	12/03/25 16:30	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	279232	12/02/25 10:30	MD	EET HOU
Dissolved	Analysis	6010D		50			279628	12/03/25 16:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			279764	12/03/25 19:21	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			279764	12/03/25 19:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278995	12/01/25 13:28	MD	EET HOU
Total/NA	Analysis	6020B		1			279425	12/02/25 18:09	SHZ	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Dissolved	Analysis	7470A		1			278425	11/25/25 23:57	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:33	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278449	11/25/25 17:28	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33897	12/01/25 14:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	747160	11/26/25 14:26	HGB	EET SL
Total/NA	Analysis	901.1		1			749912	12/17/25 09:52	MLS	EET SL
Total/NA	Prep	PrecSep-21			1003.19 mL	1.0 g	747223	12/01/25 08:55	AMS	EET SL
Total/NA	Analysis	903.0		1			750908	12/23/25 09:58	EJS	EET SL
Total/NA	Prep	PrecSep_0			1003.19 mL	1.0 g	747224	12/01/25 08:57	AMS	EET SL
Total/NA	Analysis	904.0		1			750544	12/21/25 13:23	FLC	EET SL

Client Sample ID: SFL MW-5D

Lab Sample ID: 870-41825-4

Date Collected: 11/20/25 12:35

Matrix: Water

Date Received: 11/21/25 11:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278475	11/26/25 14:02	YG	EET HOU
Total/NA	Analysis	9056A		10			278475	11/26/25 14:09	YG	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Dissolved	Analysis	6010D		1			279764	12/03/25 20:07	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Dissolved	Analysis	6010D		50			279764	12/03/25 20:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			279764	12/03/25 19:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			279764	12/03/25 19:30	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278995	12/01/25 13:28	MD	EET HOU
Total/NA	Analysis	6020B		1			279425	12/02/25 18:12	SHZ	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	279172	12/02/25 09:19	AGR	EET HOU
Dissolved	Analysis	7470A		1			279429	12/02/25 22:04	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:29	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278449	11/25/25 14:56	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33897	12/01/25 14:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	747160	11/26/25 14:26	HGB	EET SL
Total/NA	Analysis	901.1		1			749908	12/17/25 09:52	MLS	EET SL
Total/NA	Prep	PrecSep-21			756.72 mL	1.0 g	747223	12/01/25 08:55	AMS	EET SL
Total/NA	Analysis	903.0		1			750908	12/23/25 09:58	EJS	EET SL
Total/NA	Prep	PrecSep_0			756.72 mL	1.0 g	747224	12/01/25 08:57	AMS	EET SL
Total/NA	Analysis	904.0		1			750544	12/21/25 13:24	FLC	EET SL

Client Sample ID: EB1

Lab Sample ID: 870-41825-5

Date Collected: 11/20/25 14:00

Matrix: Water

Date Received: 11/21/25 11:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278922	12/01/25 17:33	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	279232	12/02/25 10:30	MD	EET HOU
Dissolved	Analysis	6010D		1			279628	12/03/25 16:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			279764	12/03/25 19:24	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278995	12/01/25 13:28	MD	EET HOU
Total/NA	Analysis	6020B		1			279425	12/02/25 18:18	SHZ	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Dissolved	Analysis	7470A		1			278425	11/26/25 00:27	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:35	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			278449	11/25/25 17:23	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Electric Steam Station

Job ID: 870-41825-1
SDG: 10290148

Client Sample ID: EB1

Date Collected: 11/20/25 14:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1			33897	12/01/25 14:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	747160	11/26/25 14:26	HGB	EET SL
Total/NA	Analysis	901.1		1			749879	12/17/25 09:53	MLS	EET SL
Total/NA	Prep	PrecSep-21			1003.44 mL	1.0 g	747223	12/01/25 08:55	AMS	EET SL
Total/NA	Analysis	903.0		1			750908	12/23/25 09:58	EJS	EET SL
Total/NA	Prep	PrecSep_0			1003.44 mL	1.0 g	747224	12/01/25 08:57	AMS	EET SL
Total/NA	Analysis	904.0		1			750442	12/21/25 10:46	FLC	EET SL

Client Sample ID: AP MW-7

Date Collected: 11/20/25 16:00
Date Received: 11/21/25 11:12

Lab Sample ID: 870-41825-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			278922	12/01/25 17:48	RJD	EET HOU
Total/NA	Analysis	9056A		10			278922	12/01/25 17:55	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			279764	12/03/25 19:25	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	279462	12/03/25 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			279764	12/03/25 19:33	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	278995	12/01/25 13:28	MD	EET HOU
Total/NA	Analysis	6020B		1			279425	12/02/25 18:15	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	278207	11/25/25 11:07	PB	EET HOU
Total/NA	Analysis	7470A		1			278425	11/26/25 00:30	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			279051	12/01/25 16:36	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	33806	11/24/25 16:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			33897	12/01/25 14:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	747160	11/26/25 14:26	HGB	EET SL
Total/NA	Analysis	901.1		1			749880	12/17/25 09:53	MLS	EET SL
Total/NA	Prep	PrecSep-21			1007.78 mL	1.0 g	747223	12/01/25 08:55	AMS	EET SL
Total/NA	Analysis	903.0		1			750909	12/23/25 08:14	EJS	EET SL
Total/NA	Prep	PrecSep_0			1007.78 mL	1.0 g	747224	12/01/25 08:57	AMS	EET SL
Total/NA	Analysis	904.0		1			750544	12/21/25 13:24	FLC	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Gibbons Creek Electric Steam Station

Job ID: 870-41825-1
SDG: 10290148

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Project/Site: Gibbons Creek Electric Steam Station

Job ID: 870-41825-1
SDG: 10290148

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Project/Site: Gibbons Creek Electric Steam Station

Job ID: 870-41825-1
SDG: 10290148

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-41825-1	SFL MW-4S	Water	11/19/25 09:00	11/21/25 11:12	Texas
870-41825-2	SFL MW-6D	Water	11/19/25 10:20	11/21/25 11:12	Texas
870-41825-3	SFL MW-3D	Water	11/20/25 09:55	11/21/25 11:12	Texas
870-41825-4	SFL MW-5D	Water	11/20/25 12:35	11/21/25 11:12	Texas
870-41825-5	EB1	Water	11/20/25 14:00	11/21/25 11:12	Texas
870-41825-6	AP MW-7	Water	11/20/25 16:00	11/21/25 11:12	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

12/31/2025

Client Information	Sampler: Emma Foley	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15038-5065.1
Client Contact: Emma Foley	Phone: 7202422831	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: TX	Page: 1 of 1
Company: HDR Inc	PWSID:			Job #: 10290148
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone:	PO #: Purchase Order not required			
Email: Emma.Foley@hdrinc.com	WO #:			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site:	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	6010D, 6020B, 7470A Total metals	6010D, 7470A, 6020B Dissolved Metals	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
SFL MW-4S	11-19-25	0900	G	Water	N	N	X	X	X	X	X	X		X	X	6	
SFL MW-6D	11-19-25	1020	G	Water	Y	N	X	X	X	X	X	X	X	X	X	7	Field Filtered diss. met.
SFL MW-3D	11-20-25	0955	G	Water	Y	N	X	X	X	X	X	X	X	X	X	7	Field Filtered diss met
SFL MW-5D	11-20-25	1235	G	Water	Y	N	X	X	X	X	X	X	X	X	X	7	Field Filtered diss met
EB1	11-20-25	1400	G	Water	Y	N	X	X	X	X	X	X	X	X	X	7	Field Filtered diss. met
AP MW-7	11-20-25	1600	G	Water	N	N	X	X	X	X	X	X		X	X	6	
				Water													
				Water													
				Water													
				Water													
				Water													

Preservation Codes:
D - HNO3
N - None
Other:

870-41825 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8859 0755 9028 / 7920 4109 5560

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Emma Foley	11-20-25 1730	HDR	FEDEX		
FEDEX			AB	11/21/25 1112	

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 0 8/0.2 1.0/0.4 THM-027 -0.6

Ver: 05/06/2024

9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler:	Lab PM:	Carrier Tracking No(s):	COC No:
Client Contact: Shipping/Receiving	N/A	Whitlock, Kaitlyn N	N/A	870-9532.1
Company: TestAmerica Laboratories, Inc.	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Address: 13715 Rider Trail North, ,	Due Date Requested: 12/26/2025	Accreditations Required (See note): NELAP - Texas		Job #: 870-41825-1
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SFL MW-4S (870-41825-1)	11/19/25	09:00 Central	G	Water			X	X	X	2	
SFL MW-6D (870-41825-2)	11/19/25	10:20 Central	G	Water			X	X	X	2	
SFL MW-3D (870-41825-3)	11/20/25	09:55 Central	G	Water			X	X	X	2	
SFL MW-5D (870-41825-4)	11/20/25	12:35 Central	G	Water			X	X	X	2	
EB1 (870-41825-5)	11/20/25	14:00 Central	G	Water			X	X	X	2	
AP MW-7 (870-41825-6)	11/20/25	16:00 Central	G	Water			X	X	X	2	
										2	

Preservation Codes: -

Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification
Unconfirmed

Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2

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

Special Instructions/QC Requirements:

Empty Kit Relinquished by: Date: Time:

Method of Shipment: FEDEX

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
AO	11/21/25 - 7	TU	NOV 21 2025	NOV 24 2025	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 0840	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

12/31/2025

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9537 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-41825-1
Address: 4145 Greenbriar Dr	Due Date Requested: 12/1/2025			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: ASD Round 5 Background Sampling	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9066A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) LI + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SFL MW-4S (870-41825-1)	11/19/25	09:00 Central	G	Water			X	X	X	X	X			2	
SFL MW-6D (870-41825-2)	11/19/25	10:20 Central	G	Water			X	X	X	X	X	X	X	3	Field filtered dissolved metals, Field Filtered Dissolved Hg
SFL MW-3D (870-41825-3)	11/20/25	09:55 Central	G	Water			X	X	X	X	X	X	X	3	Field filtered dissolved metals, Field Filtered Dissolved Hg
SFL MW-5D (870-41825-4)	11/20/25	12:35 Central	G	Water			X	X	X	X	X	X	X	3	Field filtered dissolved metals, Field Filtered Dissolved Hg
EB1 (870-41825-5)	11/20/25	14:00 Central	G	Water			X	X	X	X	X	X	X	3	Field filtered dissolved metals, Field Filtered Dissolved Hg
AP MW-7 (870-41825-6)	11/20/25	16:00 Central	G	Water			X	X	X	X	X			2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 11/21/25 1700	Company	Received by: TPX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: NOV 21 2025	Date/Time: 12-22-25 0800	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: IR HUV-368 2.5°

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41825-1
SDG Number: 10290148

Login Number: 41825
List Number: 1
Creator: Bodnarchuk, Andrew G

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41825-1
SDG Number: 10290148

Login Number: 41825
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 11/22/25 10:37 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-41825-1
SDG Number: 10290148

Login Number: 41825
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 11/24/25 11:27 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

January 2026 Event

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

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JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-42898-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

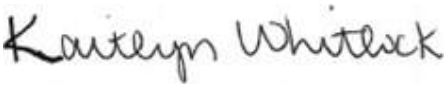
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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2/3/2026 4:54:57 PM

Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 9
Tracer Carrier Summary 28
QC Sample Results 29
QC Association Summary 39
Lab Chronicle 46
Certification Summary 53
Method Summary 54
Sample Summary 55
Chain of Custody 56
Receipt Checklists 59

Definitions/Glossary

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
870-42898-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/7/2026 10:17 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 4 coolers at receipt time were 0.1°C, 0.3°C, 0.3°C and 0.7°C.

Receipt Exceptions
Sample MW-7S is requesting dissolved metals on COC but was not received with an additional field-filtered 250mL Nitric, while sample MW-15D was received with an additional field filtered 250mL Nitric and is not requesting dissolved metals on COC.

HPLC/IC
Method 9056A: Due to the high concentration of Chloride, Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-287009 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-287009 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.

Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for analytical batch 860-287009 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Metals
Method 6010D: The method blank for preparation batch 860-286993 and analytical batch 860-287350 contained Lithium and Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-286993 and analytical batch 860-287350 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-287350 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D - Dissolved: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-286735 and analytical batch 860-287175 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Job ID: 870-42898-1 (Continued) Eurofins Dallas

General Chemistry
Method SM 4500 H+ B: Samples MW-5D (870-42898-1), MW-3D (870-42898-2), MW-2D (870-42898-3), EB-1 (870-42898-4), MW-6D (870-42898-5), MW-1S (870-42898-6), MW-1S (cont) (870-42898-7), MW-4S (870-42898-8), MW-7S (870-42898-9), FD-1 (870-42898-10) and MW-15D (870-42898-11) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 752982

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

MW-5D (870-42898-1), MW-3D (870-42898-2), MW-2D (870-42898-3), EB-1 (870-42898-4), MW-6D (870-42898-5), MW-1S (870-42898-6), MW-1S (cont) (870-42898-7), MW-4S (870-42898-8), MW-7S (870-42898-9), FD-1 (870-42898-10), MW-15D (870-42898-11) and (870-42898-B-1-B DU)

Method 901.1: Gamma Batch 752982

The detection goal was not met for Ra228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent "force-fit" of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the activity is well below the RL and MDC.

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

Gas Flow Proportional Counter
Method 904.0: Radium-228 prep batch 160-753093:

The detection goal was not met for the following samples due to the reduced sample volume attributed to the presence of matrix interferences: MW-3D (870-42898-2), MW-2D (870-42898-3) and MW-6D (870-42898-5) . Analytical results are reported with the detection limit achieved.

Job ID: 870-42898-1 (Continued)

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

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: MW-5D
Lab Sample ID: 870-42898-1
Date Collected: 01/05/26 10:50
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1080**		5.00	2.50	mg/L			01/09/26 12:05	10
Fluoride	**0.287**	**J F2 F1**	0.500	0.100	mg/L			01/09/26 11:55	1
Sulfate	**720**		5.00	2.00	mg/L			01/09/26 12:05	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.15**		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 17:58	1
Calcium	**159**		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 17:58	1
Magnesium	**17.2**		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 17:58	1
Potassium	**37.5**	**F1**	0.500	0.106	mg/L		01/09/26 08:54	01/09/26 17:58	1
Sodium	**900**	**B**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:05	50
Lithium	**0.329**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 17:58	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.227**	**F1**	0.200	0.0352	mg/L		01/08/26 11:38	01/09/26 16:11	1
Antimony	**0.0392**		0.0200	0.00803	mg/L		01/08/26 11:38	01/09/26 16:11	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/08/26 11:38	01/09/26 16:11	1
Barium	**0.0460**		0.0100	0.00125	mg/L		01/08/26 11:38	01/09/26 16:11	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/08/26 11:38	01/09/26 16:11	1
Boron	**1.28**		0.0500	0.0162	mg/L		01/08/26 11:38	01/09/26 16:11	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/08/26 11:38	01/09/26 16:11	1
Calcium	**181**		0.200	0.102	mg/L		01/08/26 11:38	01/09/26 16:11	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/08/26 11:38	01/09/26 16:11	1
Cobalt	**0.00318**	**J**	0.0100	0.00123	mg/L		01/08/26 11:38	01/09/26 16:11	1
Iron	**1.08**		0.200	0.0283	mg/L		01/08/26 11:38	01/09/26 16:11	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/08/26 11:38	01/09/26 16:11	1
Magnesium	**19.6**		0.200	0.0445	mg/L		01/08/26 11:38	01/09/26 16:11	1
Molybdenum	**0.00713**	**J**	0.0100	0.00260	mg/L		01/08/26 11:38	01/09/26 16:11	1
Potassium	**42.3**		0.500	0.106	mg/L		01/08/26 11:38	01/09/26 16:11	1
Selenium	**0.0115**	**J**	0.0300	0.00927	mg/L		01/08/26 11:38	01/09/26 16:11	1
Sodium	**1060**		25.0	7.59	mg/L		01/08/26 11:38	01/09/26 16:18	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/08/26 11:38	01/09/26 16:11	1
Li	**0.346**		0.0400	0.0174	mg/L		01/08/26 11:38	01/09/26 16:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.221**		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:00	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:00	1
Arsenic	**0.00357**	**J**	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:00	1
Barium	**0.0431**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:00	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:00	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:00	1
Chromium	**0.00155**	**J**	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:00	1
Cobalt	**0.00232**		0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:00	1
Iron	**0.869**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:00	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:00	1
Molybdenum	**0.00526**		0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:00	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:00	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:00	1

Client Sample ID: MW-5D
Lab Sample ID: 870-42898-1
Date Collected: 01/05/26 10:50
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:24	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/09/26 00:29	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**260**		4.00	4.00	mg/L			01/09/26 16:09	1
Total Dissolved Solids (SM 2540C)	**2800**		20.0	20.0	mg/L			01/08/26 16:33	1
pH (SM 4500 H+ B)	**7.3**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**15.4**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-9.39	U	18.8	18.8	50.0	32.6	pCi/L	01/08/26 11:54	01/29/26 01:16	1
Radium-228	-14.9	U G	30.9	30.9	50.0	56.1	pCi/L	01/08/26 11:54	01/29/26 01:16	1
Combined Radium 226 + 228	-24.3	U	36.2	36.2		56.1	pCi/L	01/08/26 11:54	01/29/26 01:16	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.502**		0.171	0.176	1.00	0.181	pCi/L	01/09/26 08:39	02/02/26 13:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*01/09/26 08:39*	*02/02/26 13:19*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.50**		0.611	0.626	1.00	0.781	pCi/L	01/09/26 08:42	01/22/26 12:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:03*	*1*
Y Carrier	*74.0*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:03*	*1*

Client Sample ID: MW-3D
Lab Sample ID: 870-42898-2
Date Collected: 01/05/26 13:20
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1810**		5.00	2.50	mg/L			01/09/26 13:05	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 12:55	1
Sulfate	**895**		5.00	2.00	mg/L			01/09/26 13:05	10

Client Sample ID: MW-3D
Date Collected: 01/05/26 13:20
Date Received: 01/07/26 10:17

Lab Sample ID: 870-42898-2
Matrix: Water

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.655**		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:29	1
Calcium	**307**		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 18:29	1
Magnesium	**45.2**		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:29	1
Potassium	**37.8**		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:29	1
Sodium	**785**	**B ^2**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:37	50
Lithium	**0.267**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:29	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/08/26 11:38	01/09/26 16:24	1
Antimony	**0.0527**		0.0200	0.00803	mg/L		01/08/26 11:38	01/09/26 16:24	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/08/26 11:38	01/09/26 16:24	1
Barium	**0.0326**		0.0100	0.00125	mg/L		01/08/26 11:38	01/09/26 16:24	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/08/26 11:38	01/09/26 16:24	1
Boron	**0.848**		0.0500	0.0162	mg/L		01/08/26 11:38	01/09/26 16:24	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/08/26 11:38	01/09/26 16:24	1
Calcium	**388**		0.200	0.102	mg/L		01/08/26 11:38	01/09/26 16:24	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/08/26 11:38	01/09/26 16:24	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		01/08/26 11:38	01/09/26 16:24	1
Iron	**2.35**		0.200	0.0283	mg/L		01/08/26 11:38	01/09/26 16:24	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/08/26 11:38	01/09/26 16:24	1
Magnesium	**57.2**		0.200	0.0445	mg/L		01/08/26 11:38	01/09/26 16:24	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/08/26 11:38	01/09/26 16:24	1
Potassium	**48.0**		0.500	0.106	mg/L		01/08/26 11:38	01/09/26 16:24	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		01/08/26 11:38	01/09/26 16:24	1
Sodium	**1130**		25.0	7.59	mg/L		01/08/26 11:38	01/09/26 16:31	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/08/26 11:38	01/09/26 16:24	1
Li	**0.317**		0.0400	0.0174	mg/L		01/08/26 11:38	01/09/26 16:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4.28**		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:03	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:03	1
Arsenic	**0.00303**	**J**	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:03	1
Barium	**0.0706**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:03	1
Beryllium	**0.000747**	**J**	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:03	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:03	1
Chromium	**0.00297**	**J**	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:03	1
Cobalt	**0.00156**	**J**	0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:03	1
Iron	**5.51**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:03	1
Lead	**0.00529**		0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:03	1
Molybdenum	**0.00112**	**J**	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:03	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:03	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:03	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:25	1

Client Sample ID: MW-3D
Lab Sample ID: 870-42898-2
Date Collected: 01/05/26 13:20
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/09/26 00:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	197		4.00	4.00	mg/L			01/09/26 16:03	1
Total Dissolved Solids (SM 2540C)	3820		20.0	20.0	mg/L			01/08/26 16:33	1
pH (SM 4500 H+ B)	6.5	HF			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	18.2	HF			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	16.6	U	19.8	19.8	50.0	26.9	pCi/L	01/08/26 11:54	01/29/26 01:17	1
Radium-228	-0.796	U G	30.0	30.0	50.0	51.5	pCi/L	01/08/26 11:54	01/29/26 01:17	1
Combined Radium 226 + 228	15.8	U	35.9	35.9		51.5	pCi/L	01/08/26 11:54	01/29/26 01:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.735		0.264	0.272	1.00	0.305	pCi/L	01/09/26 08:39	02/02/26 13:19	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*01/09/26 08:39*	*02/02/26 13:19*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.46	G	0.887	0.916	1.00	1.06	pCi/L	01/09/26 08:42	01/22/26 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*
Y Carrier	*76.3*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*

Client Sample ID: MW-2D
Lab Sample ID: 870-42898-3
Date Collected: 01/05/26 16:00
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1560		5.00	2.50	mg/L			01/09/26 13:25	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 13:15	1
Sulfate	1390		5.00	2.00	mg/L			01/09/26 13:25	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.53		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:31	1
Calcium	352		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 18:31	1
Magnesium	46.2		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:31	1

Client Sample ID: MW-2D
Date Collected: 01/05/26 16:00
Date Received: 01/07/26 10:17

Lab Sample ID: 870-42898-3
Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**42.9**		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:31	1
Sodium	**935**	**B ^2**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:38	50
Lithium	**0.309**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:31	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/08/26 11:38	01/09/26 16:25	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/08/26 11:38	01/09/26 16:25	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/08/26 11:38	01/09/26 16:25	1
Barium	**0.0239**		0.0100	0.00125	mg/L		01/08/26 11:38	01/09/26 16:25	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/08/26 11:38	01/09/26 16:25	1
Boron	**1.80**		0.0500	0.0162	mg/L		01/08/26 11:38	01/09/26 16:25	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/08/26 11:38	01/09/26 16:25	1
Calcium	**419**		0.200	0.102	mg/L		01/08/26 11:38	01/09/26 16:25	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/08/26 11:38	01/09/26 16:25	1
Cobalt	**0.00349**	**J**	0.0100	0.00123	mg/L		01/08/26 11:38	01/09/26 16:25	1
Iron	**0.268**		0.200	0.0283	mg/L		01/08/26 11:38	01/09/26 16:25	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/08/26 11:38	01/09/26 16:25	1
Magnesium	**55.1**		0.200	0.0445	mg/L		01/08/26 11:38	01/09/26 16:25	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/08/26 11:38	01/09/26 16:25	1
Potassium	**51.7**		0.500	0.106	mg/L		01/08/26 11:38	01/09/26 16:25	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		01/08/26 11:38	01/09/26 16:25	1
Sodium	**1130**		25.0	7.59	mg/L		01/08/26 11:38	01/09/26 16:33	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/08/26 11:38	01/09/26 16:25	1
Li	**0.347**		0.0400	0.0174	mg/L		01/08/26 11:38	01/09/26 16:25	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.51**		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:06	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:06	1
Arsenic	**0.00475**		0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:06	1
Barium	**0.0294**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:06	1
Beryllium	**0.000311**	**J**	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:06	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:06	1
Chromium	**0.00142**	**J**	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:06	1
Cobalt	**0.00315**		0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:06	1
Iron	**1.33**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:06	1
Lead	**0.00157**	**J**	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:06	1
Molybdenum	**0.00101**	**J**	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:06	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:06	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:06	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:27	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/09/26 00:36	1

Client Sample ID: MW-2D
Lab Sample ID: 870-42898-3
Date Collected: 01/05/26 16:00
Matrix: Water
Date Received: 01/07/26 10:17

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**69.7**		4.00	4.00	mg/L			01/09/26 16:27	1
Total Dissolved Solids (SM 2540C)	**4030**		20.0	20.0	mg/L			01/08/26 16:33	1
pH (SM 4500 H+ B)	**6.1**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**17.4**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.655	U	20.2	20.2	50.0	33.4	pCi/L	01/08/26 11:54	01/29/26 01:17	1
Radium-228	-2.46	U G	28.9	28.9	50.0	51.0	pCi/L	01/08/26 11:54	01/29/26 01:17	1
Combined Radium 226 + 228	-3.12	U	35.3	35.3		51.0	pCi/L	01/08/26 11:54	01/29/26 01:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.907**		0.258	0.271	1.00	0.234	pCi/L	01/09/26 08:39	02/02/26 15:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.24**	**G**	1.08	1.15	1.00	1.07	pCi/L	01/09/26 08:42	01/22/26 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*
Y Carrier	*77.8*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*

Client Sample ID: EB-1
Lab Sample ID: 870-42898-4
Date Collected: 01/05/26 14:00
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.253**	**J**	0.500	0.250	mg/L			01/09/26 13:35	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 13:35	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/09/26 13:35	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 20:30	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/09/26 08:54	01/09/26 20:30	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 20:30	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/09/26 08:54	01/09/26 20:30	1
Sodium	**0.276**	**J B**	0.500	0.152	mg/L		01/09/26 08:54	01/09/26 20:30	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 20:30	1

Client Sample ID: EB-1
Date Collected: 01/05/26 14:00
Date Received: 01/07/26 10:17

Lab Sample ID: 870-42898-4
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:39	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:39	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:39	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:39	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:39	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:39	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:39	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:39	1
Iron	**0.00653**	**J**	0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:39	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:39	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:39	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:39	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:39	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/09/26 16:37	1
Total Dissolved Solids (SM 2540C)	**2.50**		2.50	2.50	mg/L			01/08/26 16:39	1
pH (SM 4500 H+ B)	**6.8**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**15.9**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**57.0**		37.2	37.6	50.0	37.2	pCi/L	01/08/26 11:54	01/29/26 02:20	1
Radium-228	-0.666	U G	43.1	43.1	50.0	76.8	pCi/L	01/08/26 11:54	01/29/26 02:20	1
Combined Radium 226 + 228	56.3	U	56.9	57.2		76.8	pCi/L	01/08/26 11:54	01/29/26 02:20	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.00988	U	0.0395	0.0395	1.00	0.0917	pCi/L	01/09/26 08:39	02/02/26 15:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.537**		0.340	0.344	1.00	0.493	pCi/L	01/09/26 08:42	01/22/26 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.5*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*

Client Sample ID: EB-1
Lab Sample ID: 870-42898-4
Date Collected: 01/05/26 14:00
Matrix: Water
Date Received: 01/07/26 10:17

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	78.9		30 - 110	01/09/26 08:42	01/22/26 12:04	1

Client Sample ID: MW-6D
Lab Sample ID: 870-42898-5
Date Collected: 01/05/26 07:45
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1210		5.00	2.50	mg/L			01/09/26 14:05	10
Fluoride	0.217	J	0.500	0.100	mg/L			01/09/26 13:55	1
Sulfate	647		5.00	2.00	mg/L			01/09/26 14:05	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.971		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:32	1
Calcium	225		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 18:32	1
Magnesium	22.2		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:32	1
Potassium	49.1		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:32	1
Sodium	925	B ^2	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:40	50
Lithium	0.317	B	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:32	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0945	J	0.200	0.0352	mg/L		01/08/26 11:38	01/09/26 16:27	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/08/26 11:38	01/09/26 16:27	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/08/26 11:38	01/09/26 16:27	1
Barium	0.0563		0.0100	0.00125	mg/L		01/08/26 11:38	01/09/26 16:27	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/08/26 11:38	01/09/26 16:27	1
Boron	0.969		0.0500	0.0162	mg/L		01/08/26 11:38	01/09/26 16:27	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/08/26 11:38	01/09/26 16:27	1
Calcium	219		0.200	0.102	mg/L		01/08/26 11:38	01/09/26 16:27	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/08/26 11:38	01/09/26 16:27	1
Cobalt	0.00130	J	0.0100	0.00123	mg/L		01/08/26 11:38	01/09/26 16:27	1
Iron	0.0759	J	0.200	0.0283	mg/L		01/08/26 11:38	01/09/26 16:27	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/08/26 11:38	01/09/26 16:27	1
Magnesium	20.6		0.200	0.0445	mg/L		01/08/26 11:38	01/09/26 16:27	1
Molybdenum	0.0118		0.0100	0.00260	mg/L		01/08/26 11:38	01/09/26 16:27	1
Potassium	46.6		0.500	0.106	mg/L		01/08/26 11:38	01/09/26 16:27	1
Selenium	0.0129	J	0.0300	0.00927	mg/L		01/08/26 11:38	01/09/26 16:27	1
Sodium	960		25.0	7.59	mg/L		01/08/26 11:38	01/09/26 16:34	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/08/26 11:38	01/09/26 16:27	1
Li	0.307		0.0400	0.0174	mg/L		01/08/26 11:38	01/09/26 16:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	8.04		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:08	1
Antimony	0.00103	J	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:08	1
Arsenic	0.00525		0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:08	1
Barium	0.0888		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:08	1
Beryllium	0.000883	J	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:08	1

Client Sample ID: MW-6D
Lab Sample ID: 870-42898-5

Date Collected: 01/05/26 07:45
Matrix: Water

Date Received: 01/07/26 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:08	1
Chromium	**0.00587**		0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:08	1
Cobalt	**0.00469**		0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:08	1
Iron	**5.40**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:08	1
Lead	**0.00851**		0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:08	1
Molybdenum	**0.0131**		0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:08	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:08	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:28	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/09/26 00:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**182**		4.00	4.00	mg/L			01/09/26 15:58	1
Total Dissolved Solids (SM 2540C)	**2960**		20.0	20.0	mg/L			01/08/26 16:39	1
pH (SM 4500 H+ B)	**7.1**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**21.2**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**40.9**		18.7	19.1	50.0	22.3	pCi/L	01/08/26 11:54	01/29/26 02:21	1
Radium-228	15.6	U G	33.8	33.8	50.0	54.3	pCi/L	01/08/26 11:54	01/29/26 02:21	1
Combined Radium 226 + 228	**56.5**		38.6	38.8		54.3	pCi/L	01/08/26 11:54	01/29/26 02:21	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.00**		0.290	0.304	1.00	0.276	pCi/L	01/09/26 08:39	02/02/26 15:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.5*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**5.37**	**G**	1.34	1.43	1.00	1.40	pCi/L	01/09/26 08:42	01/22/26 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.5*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*
Y Carrier	*78.5*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*

Client Sample ID: MW-1S
Lab Sample ID: 870-42898-6

Date Collected: 01/05/26 08:25
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2560**		5.00	2.50	mg/L			01/09/26 14:26	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 14:15	1
Sulfate	**1130**		5.00	2.00	mg/L			01/09/26 14:26	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.319**		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:34	1
Calcium	**560**		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 18:34	1
Magnesium	**90.6**		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:34	1
Potassium	**40.5**		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:34	1
Sodium	**1130**	**B ^2**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:41	50
Lithium	**0.133**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:34	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/08/26 11:38	01/09/26 16:28	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/08/26 11:38	01/09/26 16:28	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/08/26 11:38	01/09/26 16:28	1
Barium	**0.0493**		0.0100	0.00125	mg/L		01/08/26 11:38	01/09/26 16:28	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/08/26 11:38	01/09/26 16:28	1
Boron	**0.387**		0.0500	0.0162	mg/L		01/08/26 11:38	01/09/26 16:28	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/08/26 11:38	01/09/26 16:28	1
Calcium	**650**		0.200	0.102	mg/L		01/08/26 11:38	01/09/26 16:28	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/08/26 11:38	01/09/26 16:28	1
Cobalt	**0.00165**	**J**	0.0100	0.00123	mg/L		01/08/26 11:38	01/09/26 16:28	1
Iron	**0.697**		0.200	0.0283	mg/L		01/08/26 11:38	01/09/26 16:28	1
Lead	**0.00490**	**J**	0.0100	0.00368	mg/L		01/08/26 11:38	01/09/26 16:28	1
Magnesium	**106**		0.200	0.0445	mg/L		01/08/26 11:38	01/09/26 16:28	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/08/26 11:38	01/09/26 16:28	1
Potassium	**48.5**		0.500	0.106	mg/L		01/08/26 11:38	01/09/26 16:28	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		01/08/26 11:38	01/09/26 16:28	1
Sodium	**1440**		25.0	7.59	mg/L		01/08/26 11:38	01/09/26 16:36	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/08/26 11:38	01/09/26 16:28	1
Li	**0.122**		0.0400	0.0174	mg/L		01/08/26 11:38	01/09/26 16:28	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0913**		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:11	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:11	1
Arsenic	**0.000986**	**J**	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:11	1
Barium	**0.0474**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:11	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:11	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:11	1
Chromium	**0.00111**	**J**	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:11	1
Cobalt	**0.00276**		0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:11	1
Iron	**1.58**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:11	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:11	1
Molybdenum	**0.00185**	**J**	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:11	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:11	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:11	1

Client Sample ID: MW-1S
Lab Sample ID: 870-42898-6
Date Collected: 01/05/26 08:25
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:29	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/09/26 00:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	157		4.00	4.00	mg/L			01/09/26 16:16	1
Total Dissolved Solids (SM 2540C)	5480		20.0	20.0	mg/L			01/08/26 16:39	1
pH (SM 4500 H+ B)	6.5	HF			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	19.3	HF			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	102		29.3	30.9	50.0	31.4	pCi/L	01/08/26 11:54	01/29/26 02:20	1
Radium-228	-12.8	U G	34.3	34.3	50.0	56.1	pCi/L	01/08/26 11:54	01/29/26 02:20	1
Combined Radium 226 + 228	89.2		45.1	46.2		56.1	pCi/L	01/08/26 11:54	01/29/26 02:20	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.82		0.237	0.289	1.00	0.0895	pCi/L	01/09/26 08:39	02/02/26 15:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.34		0.829	0.964	1.00	0.613	pCi/L	01/09/26 08:42	01/22/26 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.9*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*
Y Carrier	*75.1*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*

Client Sample ID: MW-1S (cont)
Lab Sample ID: 870-42898-7
Date Collected: 01/05/26 09:10
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2390		5.00	2.50	mg/L			01/09/26 15:06	10
Fluoride	0.821		0.500	0.100	mg/L			01/09/26 14:56	1
Sulfate	1840		5.00	2.00	mg/L			01/09/26 15:06	10

Client Sample ID: MW-1S (cont)
Lab Sample ID: 870-42898-7

Date Collected: 01/05/26 09:10
Matrix: Water

Date Received: 01/07/26 10:17

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.239**		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:35	1
Calcium	**744**		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 18:35	1
Magnesium	**155**		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:35	1
Potassium	**21.2**		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:35	1
Sodium	**885**	**B ^2**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:43	50
Lithium	**0.113**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8.84**		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:14	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:14	1
Arsenic	**0.0133**		0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:14	1
Barium	**0.0279**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:14	1
Beryllium	**0.0580**		0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:14	1
Cadmium	**0.0162**		0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:14	1
Chromium	**0.00183**	**J**	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:14	1
Cobalt	**0.229**		0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:14	1
Iron	**6.49**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:14	1
Lead	**0.00457**		0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:14	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:14	1
Selenium	**0.000695**	**J**	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:14	1
Thallium	**0.00661**		0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/09/26 15:54	1
Total Dissolved Solids (SM 2540C)	**5330**		20.0	20.0	mg/L			01/08/26 16:39	1
pH (SM 4500 H+ B)	**4.2**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**15.5**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	10.6	U	23.8	23.8	50.0	37.4	pCi/L	01/08/26 11:54	01/29/26 02:20	1
Radium-228	8.32	U G	16.4	16.4	50.0	56.3	pCi/L	01/08/26 11:54	01/29/26 02:20	1
Combined Radium 226 + 228	18.9	U	28.9	28.9		56.3	pCi/L	01/08/26 11:54	01/29/26 02:20	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.397**		0.118	0.124	1.00	0.106	pCi/L	01/09/26 08:39	02/02/26 15:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:23*	*1*

Client Sample ID: MW-1S (cont)
Lab Sample ID: 870-42898-7
Date Collected: 01/05/26 09:10
Matrix: Water
Date Received: 01/07/26 10:17

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.26**		0.584	0.620	1.00	0.598	pCi/L	01/09/26 08:42	01/22/26 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*
Y Carrier	*70.3*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*

Client Sample ID: MW-4S
Lab Sample ID: 870-42898-8
Date Collected: 01/05/26 11:50
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3340**		5.00	2.50	mg/L			01/09/26 15:26	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 15:16	1
Sulfate	**2120**		5.00	2.00	mg/L			01/09/26 15:26	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**2.52**		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:47	1
Calcium	**772**		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 18:47	1
Magnesium	**241**		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:47	1
Potassium	**74.1**		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:47	1
Sodium	**1610**	**B ^2**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:54	50
Lithium	**0.510**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4.58**		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:22	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:22	1
Arsenic	**0.00580**		0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:22	1
Barium	**0.0436**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:22	1
Beryllium	**0.0508**		0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:22	1
Cadmium	**0.0208**		0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:22	1
Chromium	**0.0175**		0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:22	1
Cobalt	**0.0894**		0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:22	1
Iron	**0.312**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:22	1
Lead	**0.00545**		0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:22	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:22	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:22	1
Thallium	**0.00458**		0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/09/26 16:32	1
Total Dissolved Solids (SM 2540C)	**7270**		50.0	50.0	mg/L			01/08/26 16:39	1

Client Sample ID: MW-4S
Lab Sample ID: 870-42898-8
Date Collected: 01/05/26 11:50
Matrix: Water
Date Received: 01/07/26 10:17

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	4.3	HF			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	22.6	HF			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	54.7		21.2	21.9	50.0	24.0	pCi/L	01/08/26 11:54	01/29/26 03:25	1
Radium-228	18.8	U	31.1	31.2	50.0	49.4	pCi/L	01/08/26 11:54	01/29/26 03:25	1
Combined Radium 226 + 228	73.5		37.6	38.1		49.4	pCi/L	01/08/26 11:54	01/29/26 03:25	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.73		0.268	0.310	1.00	0.147	pCi/L	01/09/26 08:39	02/02/26 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*61.2*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	9.70		1.38	1.65	1.00	1.00	pCi/L	01/09/26 08:42	01/22/26 12:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*61.2*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*
Y Carrier	*64.3*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:04*	*1*

Client Sample ID: MW-7S
Lab Sample ID: 870-42898-9
Date Collected: 01/05/26 13:25
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3830		5.00	2.50	mg/L			01/09/26 15:46	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 15:36	1
Sulfate	1330		5.00	2.00	mg/L			01/09/26 15:46	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.813		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:53	1
Calcium	855		10.0	5.08	mg/L		01/09/26 08:54	01/09/26 18:59	50
Magnesium	178		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:53	1
Potassium	37.7		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:53	1
Sodium	1530	B ^2	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:59	50
Lithium	0.275	B	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:53	1

Client Sample ID: MW-7S
Lab Sample ID: 870-42898-9

Date Collected: 01/05/26 13:25
Matrix: Water
Date Received: 01/07/26 10:17

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:42	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:42	1
Arsenic	**0.00158**	**J**	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:42	1
Barium	**0.0365**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:42	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:42	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:42	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:42	1
Cobalt	**0.00131**	**J**	0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:42	1
Iron	**0.748**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:42	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:42	1
Molybdenum	**0.000275**	**J**	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:42	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:42	1
Thallium	**0.000549**	**J**	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**114**		4.00	4.00	mg/L			01/09/26 16:21	1
Total Dissolved Solids (SM 2540C)	**7550**		50.0	50.0	mg/L			01/08/26 16:39	1
pH (SM 4500 H+ B)	**5.9**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**15.8**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**40.3**		20.5	20.9	50.0	25.9	pCi/L	01/08/26 11:54	01/29/26 03:26	1
Radium-228	-2.81	U	23.9	23.9	50.0	43.7	pCi/L	01/08/26 11:54	01/29/26 03:26	1
Combined Radium 226 + 228	37.5	U	31.5	31.7		43.7	pCi/L	01/08/26 11:54	01/29/26 03:26	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.14**		0.261	0.324	1.00	0.121	pCi/L	01/09/26 08:39	02/02/26 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**8.29**		1.07	1.31	1.00	0.751	pCi/L	01/09/26 08:42	01/22/26 12:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:18*	*1*

Client Sample ID: MW-7S
Lab Sample ID: 870-42898-9
Date Collected: 01/05/26 13:25
Matrix: Water
Date Received: 01/07/26 10:17

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	68.0		30 - 110	01/09/26 08:42	01/22/26 12:18	1

Client Sample ID: FD-1
Lab Sample ID: 870-42898-10
Date Collected: 01/05/26 13:30
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3820**		5.00	2.50	mg/L			01/09/26 16:06	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 15:56	1
Sulfate	**1330**		5.00	2.00	mg/L			01/09/26 16:06	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.804**		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 18:49	1
Calcium	**782**		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 18:49	1
Magnesium	**176**		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 18:49	1
Potassium	**37.4**		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 18:49	1
Sodium	**1540**	**B ^2**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 18:56	50
Lithium	**0.269**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:25	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:25	1
Arsenic	**0.00167**	**J**	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:25	1
Barium	**0.0412**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:25	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:25	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:25	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:25	1
Cobalt	**0.00139**	**J**	0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:25	1
Iron	**0.798**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:25	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:25	1
Molybdenum	**0.000313**	**J**	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:25	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:25	1
Thallium	**0.000602**	**J**	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**113**		4.00	4.00	mg/L			01/09/26 15:48	1
Total Dissolved Solids (SM 2540C)	**7550**		50.0	50.0	mg/L			01/08/26 16:39	1
pH (SM 4500 H+ B)	**6.0**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**14.8**	**HF**			Celsius			01/09/26 14:19	1

Client Sample ID: FD-1
Lab Sample ID: 870-42898-10
Date Collected: 01/05/26 13:30
Matrix: Water
Date Received: 01/07/26 10:17

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**129**		30.5	33.0	50.0	32.0	pCi/L	01/08/26 11:54	01/29/26 03:25	1
Radium-228	7.08	U G	31.1	31.1	50.0	51.7	pCi/L	01/08/26 11:54	01/29/26 03:25	1
Combined Radium 226 + 228	**136**		43.6	45.3		51.7	pCi/L	01/08/26 11:54	01/29/26 03:25	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.07**		0.247	0.309	1.00	0.113	pCi/L	01/09/26 08:39	02/02/26 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**7.57**		0.988	1.21	1.00	0.649	pCi/L	01/09/26 08:42	01/22/26 12:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:18*	*1*
Y Carrier	*66.5*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:18*	*1*

Client Sample ID: MW-15D
Lab Sample ID: 870-42898-11
Date Collected: 01/05/26 15:35
Matrix: Water
Date Received: 01/07/26 10:17

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**868**		5.00	2.50	mg/L			01/09/26 16:26	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 16:16	1
Sulfate	**1120**		5.00	2.00	mg/L			01/09/26 16:26	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.349**		0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 19:39	1
Calcium	**290**		0.200	0.102	mg/L		01/09/26 08:54	01/09/26 19:39	1
Magnesium	**45.8**		0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 19:39	1
Potassium	**39.2**		0.500	0.106	mg/L		01/09/26 08:54	01/09/26 19:39	1
Sodium	**585**	**B**	25.0	7.59	mg/L		01/09/26 08:54	01/09/26 19:46	50
Lithium	**0.212**	**B**	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 19:39	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/08/26 11:38	01/09/26 16:30	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/08/26 11:38	01/09/26 16:30	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/08/26 11:38	01/09/26 16:30	1
Barium	**0.0386**		0.0100	0.00125	mg/L		01/08/26 11:38	01/09/26 16:30	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/08/26 11:38	01/09/26 16:30	1

Client Sample ID: MW-15D
Lab Sample ID: 870-42898-11

Date Collected: 01/05/26 15:35
Matrix: Water

Date Received: 01/07/26 10:17

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.381**		0.0500	0.0162	mg/L		01/08/26 11:38	01/09/26 16:30	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/08/26 11:38	01/09/26 16:30	1
Calcium	**314**		0.200	0.102	mg/L		01/08/26 11:38	01/09/26 16:30	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/08/26 11:38	01/09/26 16:30	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		01/08/26 11:38	01/09/26 16:30	1
Iron	**1.43**		0.200	0.0283	mg/L		01/08/26 11:38	01/09/26 16:30	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/08/26 11:38	01/09/26 16:30	1
Magnesium	**49.6**		0.200	0.0445	mg/L		01/08/26 11:38	01/09/26 16:30	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/08/26 11:38	01/09/26 16:30	1
Potassium	**42.8**		0.500	0.106	mg/L		01/08/26 11:38	01/09/26 16:30	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		01/08/26 11:38	01/09/26 16:30	1
Sodium	**720**		25.0	7.59	mg/L		01/08/26 11:38	01/09/26 16:37	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/08/26 11:38	01/09/26 16:30	1
Li	**0.219**		0.0400	0.0174	mg/L		01/08/26 11:38	01/09/26 16:30	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0564**		0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 16:45	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 16:45	1
Arsenic	**0.000732**	**J**	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 16:45	1
Barium	**0.0353**		0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 16:45	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 16:45	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 16:45	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 16:45	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 16:45	1
Iron	**1.37**		0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 16:45	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 16:45	1
Molybdenum	**0.000266**	**J**	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 16:45	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 16:45	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 16:45	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:43	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/09/26 00:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**97.1**		4.00	4.00	mg/L			01/09/26 16:52	1
Total Dissolved Solids (SM 2540C)	**2770**		20.0	20.0	mg/L			01/08/26 16:39	1
pH (SM 4500 H+ B)	**6.4**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**19.0**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**39.0**		22.4	22.7	50.0	28.8	pCi/L	01/08/26 11:54	01/29/26 03:25	1

Client Sample ID: MW-15D
Lab Sample ID: 870-42898-11
Date Collected: 01/05/26 15:35
Matrix: Water
Date Received: 01/07/26 10:17

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-7.43	U G	35.4	35.4	50.0	58.6	pCi/L	01/08/26 11:54	01/29/26 03:25	1
Combined Radium 226 + 228	31.6	U	41.9	42.1		58.6	pCi/L	01/08/26 11:54	01/29/26 03:25	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.506**		0.137	0.144	1.00	0.115	pCi/L	01/09/26 08:39	02/02/26 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*01/09/26 08:39*	*02/02/26 15:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.76**		0.636	0.657	1.00	0.811	pCi/L	01/09/26 08:42	01/22/26 12:18	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.2*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:18*	*1*
Y Carrier	*69.9*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:18*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
870-42898-1	MW-5D	88.0
870-42898-2	MW-3D	87.2
870-42898-3	MW-2D	84.1
870-42898-4	EB-1	88.5
870-42898-5	MW-6D	73.5
870-42898-6	MW-1S	79.9
870-42898-7	MW-1S (cont)	86.3
870-42898-8	MW-4S	61.2
870-42898-9	MW-7S	82.4
870-42898-10	FD-1	89.1
870-42898-11	MW-15D	78.2
LCS 160-753092/2-A	Lab Control Sample	82.4
MB 160-753092/1-A	Method Blank	81.6

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
870-42898-1	MW-5D	88.0	74.0
870-42898-2	MW-3D	87.2	76.3
870-42898-3	MW-2D	84.1	77.8
870-42898-4	EB-1	88.5	78.9
870-42898-5	MW-6D	73.5	78.5
870-42898-6	MW-1S	79.9	75.1
870-42898-7	MW-1S (cont)	86.3	70.3
870-42898-8	MW-4S	61.2	64.3
870-42898-9	MW-7S	82.4	68.0
870-42898-10	FD-1	89.1	66.5
870-42898-11	MW-15D	78.2	69.9
LCS 160-753093/2-A	Lab Control Sample	82.4	80.7
MB 160-753093/1-A	Method Blank	81.6	79.3

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-287009/3
Matrix: Water
Analysis Batch: 287009

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			01/09/26 10:45	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/09/26 10:45	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/09/26 10:45	1

Lab Sample ID: LCS 860-287009/4
Matrix: Water
Analysis Batch: 287009

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.14		mg/L		101	90 - 110
Fluoride	10.0	10.44		mg/L		104	90 - 110
Sulfate	10.0	9.740		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-287009/5
Matrix: Water
Analysis Batch: 287009

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.08		mg/L		101	90 - 110	1	20
Fluoride	10.0	10.35		mg/L		103	90 - 110	1	20
Sulfate	10.0	9.670		mg/L		97	90 - 110	1	20

Lab Sample ID: 870-42898-1 MS
Matrix: Water
Analysis Batch: 287009

Client Sample ID: MW-5D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.287	J F2 F1	10.0	11.86	F1	mg/L		116	90 - 110

Lab Sample ID: 870-42898-1 MSD
Matrix: Water
Analysis Batch: 287009

Client Sample ID: MW-5D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.287	J F2 F1	10.0	6.311	F2 F1	mg/L		60	90 - 110	61	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-286993/1-A
Matrix: Water
Analysis Batch: 287350

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286993

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/09/26 08:54	01/09/26 17:52	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/09/26 08:54	01/09/26 17:52	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/09/26 08:54	01/09/26 17:52	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/09/26 08:54	01/09/26 17:52	1
Sodium	0.3680	J	0.500	0.152	mg/L		01/09/26 08:54	01/09/26 17:52	1
Lithium	0.01810	J	0.0400	0.0174	mg/L		01/09/26 08:54	01/09/26 17:52	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-286993/2-A
Matrix: Water
Analysis Batch: 287350

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286993

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.000		mg/L		100	80 - 120		
Calcium			25.0	25.40		mg/L		102	80 - 120		
Magnesium			25.0	24.40		mg/L		98	80 - 120		
Potassium			10.0	9.870		mg/L		99	80 - 120		
Sodium			25.0	25.30		mg/L		101	80 - 120		
Lithium			1.00	0.9600		mg/L		96	80 - 120		

Lab Sample ID: LCSD 860-286993/3-A
Matrix: Water
Analysis Batch: 287350

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286993

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.010		mg/L		101	80 - 120	1	20
Calcium			25.0	25.40		mg/L		102	80 - 120	0	20
Magnesium			25.0	24.50		mg/L		98	80 - 120	0	20
Potassium			10.0	9.870		mg/L		99	80 - 120	0	20
Sodium			25.0	25.40		mg/L		102	80 - 120	0	20
Lithium			1.00	0.9550		mg/L		96	80 - 120	1	20

Lab Sample ID: 870-42898-1 MS
Matrix: Water
Analysis Batch: 287350

Client Sample ID: MW-5D
Prep Type: Total/NA
Prep Batch: 286993

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	1.15		1.00	1.930		mg/L		78	75 - 125		
Calcium	159		25.0	166.0	4	mg/L		28	75 - 125		
Magnesium	17.2		25.0	37.20		mg/L		80	75 - 125		
Potassium	37.5	F1	10.0	44.30	F1	mg/L		68	75 - 125		
Sodium	743	B	25.0	703.0	4	mg/L		-160	75 - 125		
Lithium	0.329	B	1.00	1.200		mg/L		87	75 - 125		

Lab Sample ID: 870-42898-1 MSD
Matrix: Water
Analysis Batch: 287350

Client Sample ID: MW-5D
Prep Type: Total/NA
Prep Batch: 286993

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.15		1.00	1.920		mg/L		77	75 - 125	1	20
Calcium	159		25.0	165.0	4	mg/L		24	75 - 125	1	20
Magnesium	17.2		25.0	36.70		mg/L		78	75 - 125	1	20
Potassium	37.5	F1	10.0	43.90	F1	mg/L		64	75 - 125	1	20
Sodium	743	B	25.0	698.0	4	mg/L		-180	75 - 125	1	20
Lithium	0.329	B	1.00	1.180		mg/L		85	75 - 125	2	20

Lab Sample ID: MB 860-286205/1-B
Matrix: Water
Analysis Batch: 287175

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 286735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/08/26 11:37	01/09/26 16:05	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-286205/1-B
Matrix: Water
Analysis Batch: 287175

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 286735

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/08/26 11:37	01/09/26 16:05	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/08/26 11:37	01/09/26 16:05	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		01/08/26 11:37	01/09/26 16:05	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/08/26 11:37	01/09/26 16:05	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/08/26 11:37	01/09/26 16:05	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/08/26 11:37	01/09/26 16:05	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/08/26 11:37	01/09/26 16:05	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/08/26 11:37	01/09/26 16:05	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		01/08/26 11:37	01/09/26 16:05	1
Iron	<0.0283	U	0.200	0.0283	mg/L		01/08/26 11:37	01/09/26 16:05	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/08/26 11:37	01/09/26 16:05	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/08/26 11:37	01/09/26 16:05	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/08/26 11:37	01/09/26 16:05	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/08/26 11:37	01/09/26 16:05	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		01/08/26 11:37	01/09/26 16:05	1
Sodium	<0.152	U	0.500	0.152	mg/L		01/08/26 11:37	01/09/26 16:05	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/08/26 11:37	01/09/26 16:05	1
Li	<0.0174	U	0.0400	0.0174	mg/L		01/08/26 11:37	01/09/26 16:05	1

Lab Sample ID: LCS 860-286205/2-B
Matrix: Water
Analysis Batch: 287175

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 286735

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	5.040		mg/L		101	80 - 120
Antimony	1.00	1.040		mg/L		104	80 - 120
Arsenic	1.00	1.020		mg/L		102	80 - 120
Barium	1.00	1.050		mg/L		105	80 - 120
Beryllium	1.00	1.050		mg/L		105	80 - 120
Boron	1.00	1.010		mg/L		101	80 - 120
Cadmium	1.00	1.000		mg/L		100	80 - 120
Calcium	25.0	25.50		mg/L		102	80 - 120
Chromium	1.00	1.030		mg/L		103	80 - 120
Cobalt	1.00	1.030		mg/L		103	80 - 120
Iron	5.00	5.420		mg/L		108	80 - 120
Lead	1.00	1.020		mg/L		102	80 - 120
Magnesium	25.0	24.60		mg/L		98	80 - 120
Molybdenum	1.00	1.050		mg/L		105	80 - 120
Potassium	10.0	9.890		mg/L		99	80 - 120
Selenium	1.00	1.040		mg/L		104	80 - 120
Sodium	25.0	24.80		mg/L		99	80 - 120
Thallium	1.00	1.020		mg/L		102	80 - 120
Li	1.00	0.9490		mg/L		95	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-286205/3-B
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 287175
Prep Batch: 286735

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	5.040		mg/L		101	80 - 120	0	20
Antimony			1.00	1.050		mg/L		105	80 - 120	1	20
Arsenic			1.00	1.010		mg/L		101	80 - 120	1	20
Barium			1.00	1.050		mg/L		105	80 - 120	0	20
Beryllium			1.00	1.050		mg/L		105	80 - 120	0	20
Boron			1.00	1.010		mg/L		101	80 - 120	0	20
Cadmium			1.00	1.000		mg/L		100	80 - 120	0	20
Calcium			25.0	25.50		mg/L		102	80 - 120	0	20
Chromium			1.00	1.030		mg/L		103	80 - 120	0	20
Cobalt			1.00	1.030		mg/L		103	80 - 120	0	20
Iron			5.00	5.410		mg/L		108	80 - 120	0	20
Lead			1.00	1.020		mg/L		102	80 - 120	0	20
Magnesium			25.0	24.50		mg/L		98	80 - 120	0	20
Molybdenum			1.00	1.060		mg/L		106	80 - 120	1	20
Potassium			10.0	9.880		mg/L		99	80 - 120	0	20
Selenium			1.00	1.030		mg/L		103	80 - 120	1	20
Sodium			25.0	24.70		mg/L		99	80 - 120	0	20
Thallium			1.00	1.030		mg/L		103	80 - 120	1	20
Li			1.00	0.9590		mg/L		96	80 - 120	1	20

Lab Sample ID: 870-42898-1 MS
Client Sample ID: MW-5D
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 287175
Prep Batch: 286735

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.227	F1	5.00	6.600	F1	mg/L		127	75 - 125
Antimony	0.0392		1.00	1.110		mg/L		107	75 - 125
Arsenic	<0.00650	U	1.00	1.060		mg/L		106	75 - 125
Barium	0.0460		1.00	1.110		mg/L		106	75 - 125
Beryllium	<0.00107	U	1.00	1.100		mg/L		110	75 - 125
Boron	1.28		1.00	2.330		mg/L		105	75 - 125
Cadmium	<0.000831	U	1.00	1.040		mg/L		104	75 - 125
Calcium	181		25.0	203.0	4	mg/L		88	75 - 125
Chromium	<0.00216	U	1.00	1.060		mg/L		106	75 - 125
Cobalt	0.00318	J	1.00	1.060		mg/L		106	75 - 125
Iron	1.08		5.00	6.690		mg/L		112	75 - 125
Lead	<0.00368	U	1.00	1.040		mg/L		104	75 - 125
Magnesium	19.6		25.0	45.10		mg/L		102	75 - 125
Molybdenum	0.00713	J	1.00	1.110		mg/L		110	75 - 125
Potassium	42.3		10.0	54.00	4	mg/L		117	75 - 125
Selenium	0.0115	J	1.00	1.050		mg/L		104	75 - 125
Sodium	846		25.0	864.0	4	mg/L		72	75 - 125
Thallium	<0.0110	U	1.00	0.9830		mg/L		98	75 - 125
Li	0.346		1.00	1.440		mg/L		109	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 870-42898-1 MSD
Matrix: Water
Analysis Batch: 287175

Client Sample ID: MW-5D
Prep Type: Dissolved
Prep Batch: 286735

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.227	F1	5.00	6.570	F1	mg/L		127	75 - 125	0	20
Antimony	0.0392		1.00	1.100		mg/L		106	75 - 125	1	20
Arsenic	<0.00650	U	1.00	1.070		mg/L		107	75 - 125	1	20
Barium	0.0460		1.00	1.110		mg/L		106	75 - 125	0	20
Beryllium	<0.00107	U	1.00	1.090		mg/L		109	75 - 125	1	20
Boron	1.28		1.00	2.310		mg/L		103	75 - 125	1	20
Cadmium	<0.000831	U	1.00	1.030		mg/L		103	75 - 125	1	20
Calcium	181		25.0	201.0	4	mg/L		80	75 - 125	1	20
Chromium	<0.00216	U	1.00	1.050		mg/L		105	75 - 125	1	20
Cobalt	0.00318	J	1.00	1.050		mg/L		105	75 - 125	1	20
Iron	1.08		5.00	6.670		mg/L		112	75 - 125	0	20
Lead	<0.00368	U	1.00	1.030		mg/L		103	75 - 125	1	20
Magnesium	19.6		25.0	44.80		mg/L		101	75 - 125	1	20
Molybdenum	0.00713	J	1.00	1.110		mg/L		110	75 - 125	0	20
Potassium	42.3		10.0	53.50	4	mg/L		112	75 - 125	1	20
Selenium	0.0115	J	1.00	1.050		mg/L		104	75 - 125	0	20
Sodium	846		25.0	855.0	4	mg/L		36	75 - 125	1	20
Thallium	<0.0110	U	1.00	0.9770		mg/L		98	75 - 125	1	20
Li	0.346		1.00	1.430		mg/L		108	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-286994/1-A
Matrix: Water
Analysis Batch: 287243

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286994

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		01/09/26 08:57	01/09/26 15:14	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/09/26 08:57	01/09/26 15:14	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		01/09/26 08:57	01/09/26 15:14	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		01/09/26 08:57	01/09/26 15:14	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/09/26 08:57	01/09/26 15:14	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/09/26 08:57	01/09/26 15:14	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/09/26 08:57	01/09/26 15:14	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/09/26 08:57	01/09/26 15:14	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		01/09/26 08:57	01/09/26 15:14	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/09/26 08:57	01/09/26 15:14	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/09/26 08:57	01/09/26 15:14	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/09/26 08:57	01/09/26 15:14	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/09/26 08:57	01/09/26 15:14	1

Lab Sample ID: LCS 860-286994/2-A
Matrix: Water
Analysis Batch: 287243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4979		mg/L		100	80 - 120
Antimony	0.100	0.09572		mg/L		96	80 - 120
Arsenic	0.100	0.09826		mg/L		98	80 - 120

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

Lab Sample ID: LCS 860-286994/2-A
Matrix: Water
Analysis Batch: 287243

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286994

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.09740		mg/L		97	80 - 120
Beryllium	0.100	0.1005		mg/L		100	80 - 120
Cadmium	0.100	0.09949		mg/L		99	80 - 120
Chromium	0.100	0.09893		mg/L		99	80 - 120
Cobalt	0.100	0.09813		mg/L		98	80 - 120
Iron	0.500	0.5016		mg/L		100	80 - 120
Lead	0.100	0.09774		mg/L		98	80 - 120
Molybdenum	0.100	0.09882		mg/L		99	80 - 120
Selenium	0.100	0.09759		mg/L		98	80 - 120
Thallium	0.100	0.09796		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-286994/3-A
Matrix: Water
Analysis Batch: 287243

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286994

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5041		mg/L		101	80 - 120	1	20
Antimony	0.100	0.09718		mg/L		97	80 - 120	2	20
Arsenic	0.100	0.09788		mg/L		98	80 - 120	0	20
Barium	0.100	0.09860		mg/L		99	80 - 120	1	20
Beryllium	0.100	0.1014		mg/L		101	80 - 120	1	20
Cadmium	0.100	0.09981		mg/L		100	80 - 120	0	20
Chromium	0.100	0.09874		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09814		mg/L		98	80 - 120	0	20
Iron	0.500	0.4992		mg/L		100	80 - 120	0	20
Lead	0.100	0.09908		mg/L		99	80 - 120	1	20
Molybdenum	0.100	0.09895		mg/L		99	80 - 120	0	20
Selenium	0.100	0.09748		mg/L		97	80 - 120	0	20
Thallium	0.100	0.09997		mg/L		100	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-286769/10-A
Matrix: Water
Analysis Batch: 286946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 286769

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/08/26 23:04	1

Lab Sample ID: LCS 860-286769/11-A
Matrix: Water
Analysis Batch: 286946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 286769

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001928		mg/L		96	80 - 120

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

Lab Sample ID: LCSD 860-286769/12-A
Matrix: Water
Analysis Batch: 286946

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 286769

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001940		mg/L		97	80 - 120	1	20

Lab Sample ID: LB 860-286664/1-C
Matrix: Water
Analysis Batch: 287245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287213

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 23:05	1

Lab Sample ID: MB 860-287213/1-A
Matrix: Water
Analysis Batch: 287245

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287213

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/09/26 18:16	01/09/26 22:59	1

Lab Sample ID: LCS 860-287213/2-A
Matrix: Water
Analysis Batch: 287245

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287213

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002010		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-287213/3-A
Matrix: Water
Analysis Batch: 287245

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287213

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001980		mg/L		99	80 - 120	2	20

Lab Sample ID: LB 860-286382/1-D
Matrix: Water
Analysis Batch: 286946

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 286769

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/08/26 13:03	01/08/26 23:14	1

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-287340/3
Matrix: Water
Analysis Batch: 287340

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			01/09/26 14:18	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 860-287340/6
Matrix: Water
Analysis Batch: 287340

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	238.5		mg/L		95	85 - 115		

Lab Sample ID: LCSD 860-287340/7
Matrix: Water
Analysis Batch: 287340

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	241.6		mg/L		97	85 - 115	1	20

Lab Sample ID: LLCS 860-287340/4
Matrix: Water
Analysis Batch: 287340

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	4.541		mg/L		114	50 - 150		

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

Lab Sample ID: MB 870-34750/1
Matrix: Water
Analysis Batch: 34750

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	<2.50	U	2.50	2.50	mg/L			01/08/26 16:33	1

Lab Sample ID: LCS 870-34750/2
Matrix: Water
Analysis Batch: 34750

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			1000	909.0		mg/L		91	80 - 120		

Lab Sample ID: LCSD 870-34750/3
Matrix: Water
Analysis Batch: 34750

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	884.0		mg/L		88	80 - 120	3	10

Lab Sample ID: 870-42898-1 DU
Matrix: Water
Analysis Batch: 34750

Client Sample ID: MW-5D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	2800			2800		mg/L				0	10

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

Lab Sample ID: 870-42898-2 DU
Matrix: Water
Analysis Batch: 34750

Client Sample ID: MW-3D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3820			3796		mg/L				0.5	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-42898-5 DU
Matrix: Water
Analysis Batch: 34768

Client Sample ID: MW-6D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.1	HF		7.0		SU				0.1	20
Temperature	21.2	HF		21.2		Celsius				0	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-752982/1-A
Matrix: Water
Analysis Batch: 755701

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 752982

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	6.808	U	19.6	19.6	50.0	31.0	pCi/L	01/08/26 11:54	01/29/26 01:16	1
Radium-228	13.09	U	28.3	28.4	50.0	46.2	pCi/L	01/08/26 11:54	01/29/26 01:16	1
Combined Radium 226 + 228	19.90	U	34.4	34.5		46.2	pCi/L	01/08/26 11:54	01/29/26 01:16	1

Lab Sample ID: LCS 160-752982/2-A
Matrix: Water
Analysis Batch: 755702

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 752982

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	147500		15200		515	pCi/L	104	75 - 125		
Cesium-137			37400	36540		3590		239	pCi/L	98	75 - 125		
Cobalt-60			49100	49070		4810		159	pCi/L	100	75 - 125		

Lab Sample ID: 870-42898-1 DU
Matrix: Water
Analysis Batch: 755701

Client Sample ID: MW-5D
Prep Type: Total/NA
Prep Batch: 752982

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	-9.39	U		18.31	U	21.3	50.0	29.2	pCi/L			0.69	1
Radium-228	-14.9	U G		13.09	U	28.4	50.0	46.2	pCi/L			0.47	1
Combined Radium 226 + 228	-24.3	U		31.41	U	35.5		46.2	pCi/L			0.78	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-753092/1-A
Matrix: Water
Analysis Batch: 756037

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753092

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.008517	U	0.0485	0.0485	1.00	0.0983	pCi/L	01/09/26 08:39	02/02/26 13:18	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*01/09/26 08:39*	*02/02/26 13:18*	*1*

Lab Sample ID: LCS 160-753092/2-A
Matrix: Water
Analysis Batch: 756037

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753092

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.982		1.06	1.00	0.123	pCi/L	104	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.4*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-753093/1-A
Matrix: Water
Analysis Batch: 754925

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753093

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.08140	U	0.357	0.357	1.00	0.644	pCi/L	01/09/26 08:42	01/22/26 12:02	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.6*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:02*	*1*
Y Carrier	*79.3*		*30 - 110*	*01/09/26 08:42*	*01/22/26 12:02*	*1*

Lab Sample ID: LCS 160-753093/2-A
Matrix: Water
Analysis Batch: 754925

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753093

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.75	9.047		1.30	1.00	0.618	pCi/L	117	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.4*		*30 - 110*
Y Carrier	*80.7*		*30 - 110*

HPLC/IC

Analysis Batch: 287009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	9056A	
870-42898-1	MW-5D	Total/NA	Water	9056A	
870-42898-2	MW-3D	Total/NA	Water	9056A	
870-42898-2	MW-3D	Total/NA	Water	9056A	
870-42898-3	MW-2D	Total/NA	Water	9056A	
870-42898-3	MW-2D	Total/NA	Water	9056A	
870-42898-4	EB-1	Total/NA	Water	9056A	
870-42898-5	MW-6D	Total/NA	Water	9056A	
870-42898-5	MW-6D	Total/NA	Water	9056A	
870-42898-6	MW-1S	Total/NA	Water	9056A	
870-42898-6	MW-1S	Total/NA	Water	9056A	
870-42898-7	MW-1S (cont)	Total/NA	Water	9056A	
870-42898-7	MW-1S (cont)	Total/NA	Water	9056A	
870-42898-8	MW-4S	Total/NA	Water	9056A	
870-42898-8	MW-4S	Total/NA	Water	9056A	
870-42898-9	MW-7S	Total/NA	Water	9056A	
870-42898-9	MW-7S	Total/NA	Water	9056A	
870-42898-10	FD-1	Total/NA	Water	9056A	
870-42898-10	FD-1	Total/NA	Water	9056A	
870-42898-11	MW-15D	Total/NA	Water	9056A	
870-42898-11	MW-15D	Total/NA	Water	9056A	
MB 860-287009/3	Method Blank	Total/NA	Water	9056A	
LCS 860-287009/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-287009/5	Lab Control Sample Dup	Total/NA	Water	9056A	
870-42898-1 MS	MW-5D	Total/NA	Water	9056A	
870-42898-1 MSD	MW-5D	Total/NA	Water	9056A	

Metals

Filtration Batch: 286205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-286205/1-B	Method Blank	Dissolved	Water	Filtration	
LCS 860-286205/2-B	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-286205/3-B	Lab Control Sample Dup	Dissolved	Water	Filtration	

Leach Batch: 286382

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-286382/1-D	Method Blank	Dissolved	Water	1311	

Leach Batch: 286664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-286664/1-C	Method Blank	Total/NA	Water	1311	

Prep Batch: 286735

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Dissolved	Water	3010A	
870-42898-2	MW-3D	Dissolved	Water	3010A	
870-42898-3	MW-2D	Dissolved	Water	3010A	
870-42898-5	MW-6D	Dissolved	Water	3010A	
870-42898-6	MW-1S	Dissolved	Water	3010A	
870-42898-11	MW-15D	Dissolved	Water	3010A	

Metals (Continued)

Prep Batch: 286735 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-286205/1-B	Method Blank	Dissolved	Water	3010A	286205
LCS 860-286205/2-B	Lab Control Sample	Dissolved	Water	3010A	286205
LCSD 860-286205/3-B	Lab Control Sample Dup	Dissolved	Water	3010A	286205
870-42898-1 MS	MW-5D	Dissolved	Water	3010A	
870-42898-1 MSD	MW-5D	Dissolved	Water	3010A	

Prep Batch: 286769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Dissolved	Water	7470A	
870-42898-2	MW-3D	Dissolved	Water	7470A	
870-42898-3	MW-2D	Dissolved	Water	7470A	
870-42898-5	MW-6D	Dissolved	Water	7470A	
870-42898-6	MW-1S	Dissolved	Water	7470A	
870-42898-11	MW-15D	Dissolved	Water	7470A	
LB 860-286382/1-D	Method Blank	Dissolved	Water	7470A	286382
MB 860-286769/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-286769/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-286769/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 286946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Dissolved	Water	7470A	286769
870-42898-2	MW-3D	Dissolved	Water	7470A	286769
870-42898-3	MW-2D	Dissolved	Water	7470A	286769
870-42898-5	MW-6D	Dissolved	Water	7470A	286769
870-42898-6	MW-1S	Dissolved	Water	7470A	286769
870-42898-11	MW-15D	Dissolved	Water	7470A	286769
LB 860-286382/1-D	Method Blank	Dissolved	Water	7470A	286769
MB 860-286769/10-A	Method Blank	Total/NA	Water	7470A	286769
LCS 860-286769/11-A	Lab Control Sample	Total/NA	Water	7470A	286769
LCSD 860-286769/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	286769

Prep Batch: 286993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	3010A	
870-42898-2	MW-3D	Total/NA	Water	3010A	
870-42898-3	MW-2D	Total/NA	Water	3010A	
870-42898-4	EB-1	Total/NA	Water	3010A	
870-42898-5	MW-6D	Total/NA	Water	3010A	
870-42898-6	MW-1S	Total/NA	Water	3010A	
870-42898-7	MW-1S (cont)	Total/NA	Water	3010A	
870-42898-8	MW-4S	Total/NA	Water	3010A	
870-42898-9	MW-7S	Total/NA	Water	3010A	
870-42898-10	FD-1	Total/NA	Water	3010A	
870-42898-11	MW-15D	Total/NA	Water	3010A	
MB 860-286993/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-286993/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-286993/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-42898-1 MS	MW-5D	Total/NA	Water	3010A	
870-42898-1 MSD	MW-5D	Total/NA	Water	3010A	

Metals

Prep Batch: 286994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	3010A	
870-42898-2	MW-3D	Total/NA	Water	3010A	
870-42898-3	MW-2D	Total/NA	Water	3010A	
870-42898-4	EB-1	Total/NA	Water	3010A	
870-42898-5	MW-6D	Total/NA	Water	3010A	
870-42898-6	MW-1S	Total/NA	Water	3010A	
870-42898-7	MW-1S (cont)	Total/NA	Water	3010A	
870-42898-8	MW-4S	Total/NA	Water	3010A	
870-42898-9	MW-7S	Total/NA	Water	3010A	
870-42898-10	FD-1	Total/NA	Water	3010A	
870-42898-11	MW-15D	Total/NA	Water	3010A	
MB 860-286994/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-286994/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-286994/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 287175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Dissolved	Water	6010D	286735
870-42898-1	MW-5D	Dissolved	Water	6010D	286735
870-42898-2	MW-3D	Dissolved	Water	6010D	286735
870-42898-2	MW-3D	Dissolved	Water	6010D	286735
870-42898-3	MW-2D	Dissolved	Water	6010D	286735
870-42898-3	MW-2D	Dissolved	Water	6010D	286735
870-42898-5	MW-6D	Dissolved	Water	6010D	286735
870-42898-5	MW-6D	Dissolved	Water	6010D	286735
870-42898-6	MW-1S	Dissolved	Water	6010D	286735
870-42898-6	MW-1S	Dissolved	Water	6010D	286735
870-42898-11	MW-15D	Dissolved	Water	6010D	286735
870-42898-11	MW-15D	Dissolved	Water	6010D	286735
MB 860-286205/1-B	Method Blank	Dissolved	Water	6010D	286735
LCS 860-286205/2-B	Lab Control Sample	Dissolved	Water	6010D	286735
LCSD 860-286205/3-B	Lab Control Sample Dup	Dissolved	Water	6010D	286735
870-42898-1 MS	MW-5D	Dissolved	Water	6010D	286735
870-42898-1 MSD	MW-5D	Dissolved	Water	6010D	286735

Prep Batch: 287213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	7470A	
870-42898-2	MW-3D	Total/NA	Water	7470A	
870-42898-3	MW-2D	Total/NA	Water	7470A	
870-42898-4	EB-1	Total/NA	Water	7470A	
870-42898-5	MW-6D	Total/NA	Water	7470A	
870-42898-6	MW-1S	Total/NA	Water	7470A	
870-42898-7	MW-1S (cont)	Total/NA	Water	7470A	
870-42898-8	MW-4S	Total/NA	Water	7470A	
870-42898-9	MW-7S	Total/NA	Water	7470A	
870-42898-10	FD-1	Total/NA	Water	7470A	
870-42898-11	MW-15D	Total/NA	Water	7470A	
LB 860-286664/1-C	Method Blank	Total/NA	Water	7470A	286664
MB 860-287213/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-287213/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 287213 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-287213/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 287243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	6020B	286994
870-42898-2	MW-3D	Total/NA	Water	6020B	286994
870-42898-3	MW-2D	Total/NA	Water	6020B	286994
870-42898-4	EB-1	Total/NA	Water	6020B	286994
870-42898-5	MW-6D	Total/NA	Water	6020B	286994
870-42898-6	MW-1S	Total/NA	Water	6020B	286994
870-42898-7	MW-1S (cont)	Total/NA	Water	6020B	286994
870-42898-8	MW-4S	Total/NA	Water	6020B	286994
870-42898-9	MW-7S	Total/NA	Water	6020B	286994
870-42898-10	FD-1	Total/NA	Water	6020B	286994
870-42898-11	MW-15D	Total/NA	Water	6020B	286994
MB 860-286994/1-A	Method Blank	Total/NA	Water	6020B	286994
LCS 860-286994/2-A	Lab Control Sample	Total/NA	Water	6020B	286994
LCSD 860-286994/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	286994

Analysis Batch: 287245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	7470A	287213
870-42898-2	MW-3D	Total/NA	Water	7470A	287213
870-42898-3	MW-2D	Total/NA	Water	7470A	287213
870-42898-4	EB-1	Total/NA	Water	7470A	287213
870-42898-5	MW-6D	Total/NA	Water	7470A	287213
870-42898-6	MW-1S	Total/NA	Water	7470A	287213
870-42898-7	MW-1S (cont)	Total/NA	Water	7470A	287213
870-42898-8	MW-4S	Total/NA	Water	7470A	287213
870-42898-9	MW-7S	Total/NA	Water	7470A	287213
870-42898-10	FD-1	Total/NA	Water	7470A	287213
870-42898-11	MW-15D	Total/NA	Water	7470A	287213
LB 860-286664/1-C	Method Blank	Total/NA	Water	7470A	287213
MB 860-287213/1-A	Method Blank	Total/NA	Water	7470A	287213
LCS 860-287213/2-A	Lab Control Sample	Total/NA	Water	7470A	287213
LCSD 860-287213/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	287213

Analysis Batch: 287350

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	6010D	286993
870-42898-1	MW-5D	Total/NA	Water	6010D	286993
870-42898-2	MW-3D	Total/NA	Water	6010D	286993
870-42898-2	MW-3D	Total/NA	Water	6010D	286993
870-42898-3	MW-2D	Total/NA	Water	6010D	286993
870-42898-3	MW-2D	Total/NA	Water	6010D	286993
870-42898-4	EB-1	Total/NA	Water	6010D	286993
870-42898-5	MW-6D	Total/NA	Water	6010D	286993
870-42898-5	MW-6D	Total/NA	Water	6010D	286993
870-42898-6	MW-1S	Total/NA	Water	6010D	286993
870-42898-6	MW-1S	Total/NA	Water	6010D	286993
870-42898-7	MW-1S (cont)	Total/NA	Water	6010D	286993

Metals (Continued)

Analysis Batch: 287350 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-7	MW-1S (cont)	Total/NA	Water	6010D	286993
870-42898-8	MW-4S	Total/NA	Water	6010D	286993
870-42898-8	MW-4S	Total/NA	Water	6010D	286993
870-42898-9	MW-7S	Total/NA	Water	6010D	286993
870-42898-9	MW-7S	Total/NA	Water	6010D	286993
870-42898-10	FD-1	Total/NA	Water	6010D	286993
870-42898-10	FD-1	Total/NA	Water	6010D	286993
870-42898-11	MW-15D	Total/NA	Water	6010D	286993
870-42898-11	MW-15D	Total/NA	Water	6010D	286993
MB 860-286993/1-A	Method Blank	Total/NA	Water	6010D	286993
LCS 860-286993/2-A	Lab Control Sample	Total/NA	Water	6010D	286993
LCSD 860-286993/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	286993
870-42898-1 MS	MW-5D	Total/NA	Water	6010D	286993
870-42898-1 MSD	MW-5D	Total/NA	Water	6010D	286993

General Chemistry

Analysis Batch: 34750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	SM 2540C	
870-42898-2	MW-3D	Total/NA	Water	SM 2540C	
870-42898-3	MW-2D	Total/NA	Water	SM 2540C	
870-42898-4	EB-1	Total/NA	Water	SM 2540C	
870-42898-5	MW-6D	Total/NA	Water	SM 2540C	
870-42898-6	MW-1S	Total/NA	Water	SM 2540C	
870-42898-7	MW-1S (cont)	Total/NA	Water	SM 2540C	
870-42898-8	MW-4S	Total/NA	Water	SM 2540C	
870-42898-9	MW-7S	Total/NA	Water	SM 2540C	
870-42898-10	FD-1	Total/NA	Water	SM 2540C	
870-42898-11	MW-15D	Total/NA	Water	SM 2540C	
MB 870-34750/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-34750/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-34750/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-42898-1 DU	MW-5D	Total/NA	Water	SM 2540C	
870-42898-2 DU	MW-3D	Total/NA	Water	SM 2540C	

Analysis Batch: 34768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	SM 4500 H+ B	
870-42898-2	MW-3D	Total/NA	Water	SM 4500 H+ B	
870-42898-3	MW-2D	Total/NA	Water	SM 4500 H+ B	
870-42898-4	EB-1	Total/NA	Water	SM 4500 H+ B	
870-42898-5	MW-6D	Total/NA	Water	SM 4500 H+ B	
870-42898-6	MW-1S	Total/NA	Water	SM 4500 H+ B	
870-42898-7	MW-1S (cont)	Total/NA	Water	SM 4500 H+ B	
870-42898-8	MW-4S	Total/NA	Water	SM 4500 H+ B	
870-42898-9	MW-7S	Total/NA	Water	SM 4500 H+ B	
870-42898-10	FD-1	Total/NA	Water	SM 4500 H+ B	
870-42898-11	MW-15D	Total/NA	Water	SM 4500 H+ B	
870-42898-5 DU	MW-6D	Total/NA	Water	SM 4500 H+ B	

QC Association Summary

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

General Chemistry

Analysis Batch: 287340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	SM 2320B	
870-42898-2	MW-3D	Total/NA	Water	SM 2320B	
870-42898-3	MW-2D	Total/NA	Water	SM 2320B	
870-42898-4	EB-1	Total/NA	Water	SM 2320B	
870-42898-5	MW-6D	Total/NA	Water	SM 2320B	
870-42898-6	MW-1S	Total/NA	Water	SM 2320B	
870-42898-7	MW-1S (cont)	Total/NA	Water	SM 2320B	
870-42898-8	MW-4S	Total/NA	Water	SM 2320B	
870-42898-9	MW-7S	Total/NA	Water	SM 2320B	
870-42898-10	FD-1	Total/NA	Water	SM 2320B	
870-42898-11	MW-15D	Total/NA	Water	SM 2320B	
MB 860-287340/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-287340/6	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-287340/7	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-287340/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 752982

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	Fill_Geo-21	
870-42898-2	MW-3D	Total/NA	Water	Fill_Geo-21	
870-42898-3	MW-2D	Total/NA	Water	Fill_Geo-21	
870-42898-4	EB-1	Total/NA	Water	Fill_Geo-21	
870-42898-5	MW-6D	Total/NA	Water	Fill_Geo-21	
870-42898-6	MW-1S	Total/NA	Water	Fill_Geo-21	
870-42898-7	MW-1S (cont)	Total/NA	Water	Fill_Geo-21	
870-42898-8	MW-4S	Total/NA	Water	Fill_Geo-21	
870-42898-9	MW-7S	Total/NA	Water	Fill_Geo-21	
870-42898-10	FD-1	Total/NA	Water	Fill_Geo-21	
870-42898-11	MW-15D	Total/NA	Water	Fill_Geo-21	
MB 160-752982/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-752982/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-42898-1 DU	MW-5D	Total/NA	Water	Fill_Geo-21	

Prep Batch: 753092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	PrecSep-21	
870-42898-2	MW-3D	Total/NA	Water	PrecSep-21	
870-42898-3	MW-2D	Total/NA	Water	PrecSep-21	
870-42898-4	EB-1	Total/NA	Water	PrecSep-21	
870-42898-5	MW-6D	Total/NA	Water	PrecSep-21	
870-42898-6	MW-1S	Total/NA	Water	PrecSep-21	
870-42898-7	MW-1S (cont)	Total/NA	Water	PrecSep-21	
870-42898-8	MW-4S	Total/NA	Water	PrecSep-21	
870-42898-9	MW-7S	Total/NA	Water	PrecSep-21	
870-42898-10	FD-1	Total/NA	Water	PrecSep-21	
870-42898-11	MW-15D	Total/NA	Water	PrecSep-21	
MB 160-753092/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-753092/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

QC Association Summary

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Rad

Prep Batch: 753093

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42898-1	MW-5D	Total/NA	Water	PrecSep_0	
870-42898-2	MW-3D	Total/NA	Water	PrecSep_0	
870-42898-3	MW-2D	Total/NA	Water	PrecSep_0	
870-42898-4	EB-1	Total/NA	Water	PrecSep_0	
870-42898-5	MW-6D	Total/NA	Water	PrecSep_0	
870-42898-6	MW-1S	Total/NA	Water	PrecSep_0	
870-42898-7	MW-1S (cont)	Total/NA	Water	PrecSep_0	
870-42898-8	MW-4S	Total/NA	Water	PrecSep_0	
870-42898-9	MW-7S	Total/NA	Water	PrecSep_0	
870-42898-10	FD-1	Total/NA	Water	PrecSep_0	
870-42898-11	MW-15D	Total/NA	Water	PrecSep_0	
MB 160-753093/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-753093/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Client Sample ID: MW-5D
Lab Sample ID: 870-42898-1

Date Collected: 01/05/26 10:50
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 11:55	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 12:05	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		1			287175	01/09/26 16:11	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		50			287175	01/09/26 16:18	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 17:58	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:05	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:00	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	286769	01/08/26 13:03	AGR	EET HOU
Dissolved	Analysis	7470A		1			286946	01/09/26 00:29	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:24	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:09	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34750	01/08/26 16:33	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755707	01/29/26 01:16	ASA	EET SL
Total/NA	Prep	PrecSep-21			750.12 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			756037	02/02/26 13:19	FLC	EET SL
Total/NA	Prep	PrecSep_0			750.12 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:03	SWS	EET SL

Client Sample ID: MW-3D
Lab Sample ID: 870-42898-2

Date Collected: 01/05/26 13:20
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 12:55	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 13:05	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		1			287175	01/09/26 16:24	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		50			287175	01/09/26 16:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:37	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:03	SHZ	EET HOU

Client Sample ID: MW-3D
Lab Sample ID: 870-42898-2

Date Collected: 01/05/26 13:20
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	7470A			5 mL	5 mL	286769	01/08/26 13:03	AGR	EET HOU
Dissolved	Analysis	7470A		1			286946	01/09/26 00:32	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:25	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:03	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34750	01/08/26 16:33	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755705	01/29/26 01:17	ASA	EET SL
Total/NA	Prep	PrecSep-21			504.80 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			756037	02/02/26 13:19	FLC	EET SL
Total/NA	Prep	PrecSep_0			504.80 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:04	SWS	EET SL

Client Sample ID: MW-2D
Lab Sample ID: 870-42898-3

Date Collected: 01/05/26 16:00
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 13:15	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 13:25	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		1			287175	01/09/26 16:25	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		50			287175	01/09/26 16:33	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:38	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:06	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	286769	01/08/26 13:03	AGR	EET HOU
Dissolved	Analysis	7470A		1			286946	01/09/26 00:36	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:27	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:27	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34750	01/08/26 16:33	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755708	01/29/26 01:17	ASA	EET SL
Total/NA	Prep	PrecSep-21			501.20 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:22	FLC	EET SL
Total/NA	Prep	PrecSep_0			501.20 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:04	SWS	EET SL

Client Sample ID: EB-1
Lab Sample ID: 870-42898-4

Date Collected: 01/05/26 14:00
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 13:35	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 20:30	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:39	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:41	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:37	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755702	01/29/26 02:20	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.88 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:22	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.88 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:04	SWS	EET SL

Client Sample ID: MW-6D
Lab Sample ID: 870-42898-5

Date Collected: 01/05/26 07:45
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 13:55	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 14:05	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		1			287175	01/09/26 16:27	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		50			287175	01/09/26 16:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:32	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:40	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:08	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	286769	01/08/26 13:03	AGR	EET HOU
Dissolved	Analysis	7470A		1			286946	01/09/26 00:39	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:28	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 15:58	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755708	01/29/26 02:21	ASA	EET SL

Client Sample ID: MW-6D
Lab Sample ID: 870-42898-5
Date Collected: 01/05/26 07:45
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			502.25 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:22	FLC	EET SL
Total/NA	Prep	PrecSep_0			502.25 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:04	SWS	EET SL

Client Sample ID: MW-1S
Lab Sample ID: 870-42898-6
Date Collected: 01/05/26 08:25
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 14:15	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 14:26	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		1			287175	01/09/26 16:28	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		50			287175	01/09/26 16:36	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:11	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	286769	01/08/26 13:03	AGR	EET HOU
Dissolved	Analysis	7470A		1			286946	01/09/26 00:42	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:29	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:16	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755707	01/29/26 02:20	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.59 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:23	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.59 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:04	SWS	EET SL

Client Sample ID: MW-1S (cont)
Lab Sample ID: 870-42898-7
Date Collected: 01/05/26 09:10
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 14:56	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 15:06	RJD	EET HOU

Client Sample ID: MW-1S (cont)
Lab Sample ID: 870-42898-7

Date Collected: 01/05/26 09:10
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:35	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:43	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:14	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:30	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 15:54	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755705	01/29/26 02:20	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.49 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:23	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.49 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:04	SWS	EET SL

Client Sample ID: MW-4S
Lab Sample ID: 870-42898-8

Date Collected: 01/05/26 11:50
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 15:16	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 15:26	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:47	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:22	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:32	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:32	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755701	01/29/26 03:25	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.95 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:24	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.95 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754925	01/22/26 12:04	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: MW-7S
Lab Sample ID: 870-42898-9
Date Collected: 01/05/26 13:25
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 15:36	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 15:46	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:53	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:59	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:42	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:42	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:21	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755708	01/29/26 03:26	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.24 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:24	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.24 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754926	01/22/26 12:18	SWS	EET SL

Client Sample ID: FD-1
Lab Sample ID: 870-42898-10
Date Collected: 01/05/26 13:30
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 15:56	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 16:06	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 18:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 18:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:25	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:36	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 15:48	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755707	01/29/26 03:25	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.93 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:24	FLC	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: FD-1
Lab Sample ID: 870-42898-10
Date Collected: 01/05/26 13:30
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1002.93 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754926	01/22/26 12:18	SWS	EET SL

Client Sample ID: MW-15D
Lab Sample ID: 870-42898-11
Date Collected: 01/05/26 15:35
Matrix: Water
Date Received: 01/07/26 10:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287009	01/09/26 16:16	RJD	EET HOU
Total/NA	Analysis	9056A		10			287009	01/09/26 16:26	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		1			287175	01/09/26 16:30	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	286735	01/08/26 11:38	AGR	EET HOU
Dissolved	Analysis	6010D		50			287175	01/09/26 16:37	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		1			287350	01/09/26 19:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286993	01/09/26 08:54	AGR	EET HOU
Total/NA	Analysis	6010D		50			287350	01/09/26 19:46	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	286994	01/09/26 08:57	AGR	EET HOU
Total/NA	Analysis	6020B		1			287243	01/09/26 16:45	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	286769	01/08/26 13:03	AGR	EET HOU
Dissolved	Analysis	7470A		1			286946	01/09/26 00:46	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	287213	01/09/26 18:16	AGR	EET HOU
Total/NA	Analysis	7470A		1			287245	01/09/26 23:43	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			287340	01/09/26 16:52	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34750	01/08/26 16:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	752982	01/08/26 11:54	DC	EET SL
Total/NA	Analysis	901.1		1			755705	01/29/26 03:25	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.30 mL	1.0 g	753092	01/09/26 08:39	VLQ	EET SL
Total/NA	Analysis	903.0		1			755996	02/02/26 15:24	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.30 mL	1.0 g	753093	01/09/26 08:42	VLQ	EET SL
Total/NA	Analysis	904.0		1			754926	01/22/26 12:18	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-42898-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-42898-1	MW-5D	Water	01/05/26 10:50	01/07/26 10:17	Texas
870-42898-2	MW-3D	Water	01/05/26 13:20	01/07/26 10:17	Texas
870-42898-3	MW-2D	Water	01/05/26 16:00	01/07/26 10:17	Texas
870-42898-4	EB-1	Water	01/05/26 14:00	01/07/26 10:17	Texas
870-42898-5	MW-6D	Water	01/05/26 07:45	01/07/26 10:17	Texas
870-42898-6	MW-1S	Water	01/05/26 08:25	01/07/26 10:17	Texas
870-42898-7	MW-1S (cont)	Water	01/05/26 09:10	01/07/26 10:17	Texas
870-42898-8	MW-4S	Water	01/05/26 11:50	01/07/26 10:17	Texas
870-42898-9	MW-7S	Water	01/05/26 13:25	01/07/26 10:17	Texas
870-42898-10	FD-1	Water	01/05/26 13:30	01/07/26 10:17	Texas
870-42898-11	MW-15D	Water	01/05/26 15:35	01/07/26 10:17	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

2/3/2026

Client Information	Sampler: WRC	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15501-5258.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page: Page
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Appendix III/IV	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	Total 6010D, 6020B, 7470A	Dissolved Field Filtered 6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
		Preservation Code:					D	D	N	N	N	D	D	N	N		
MW-5D	01/05/26	1050	G	W	Y		X	X	X	X	X	X	X	X	X		
MW-3D		1320	G	W	Y		X	X	X	X	X	X	X	X	X		
MW-2D		1600	G	W	Y		X	X	X	X	X	X	X	X	X		
EB-1		1400	G	W			X	X	X	X	X	X		X	X		
MW-6D		0745	G	W	Y		X	X	X	X	X	X	X	X	X		
MW-15		0825	G	W	Y		X	X	X	X	X	X	X	X	X		
MW-15 (Cont)		0910	G	W			X	X	X	X	X	X		X	X		
MW-4S		1150	G	W			X	X	X	X	X	X		X	X		
MW-7S		1325	G	W	Y		X	X	X	X	X	X	X	X	X		
FD-1		1330	G	W			X	X	X	X	X	X		X	X		
MW-15D		1535	G	W			X	X	X	X	X	X		X	X		

870-42898 Chain of Custody

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

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

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

Special Instructions/QC Requirements: 8875 1226 6993, 6982, 6971, 6960

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
WR Cole	01/06/26 1500		FedEx		
Relinquished by: FedEx	Date/Time: 01/7/26 10:17	Company	Received by:	Date/Time: 1/7/26 10:17	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: 0.2/0.1, 0.4/0.3, 0.4/0.3, 0.8/0.7 THM027 CF -0.1

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9732.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-42898-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/14/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
MW-5D (870-42898-1)	1/5/26	10:50 Central	G	Water			X	X	X	2	
MW-3D (870-42898-2)	1/5/26	13:20 Central	G	Water			X	X	X	2	
MW-2D (870-42898-3)	1/5/26	16:00 Central	G	Water			X	X	X	2	
EB-1 (870-42898-4)	1/5/26	14:00 Central	G	Water			X	X	X	2	
MW-6D (870-42898-5)	1/5/26	07:45 Central	G	Water			X	X	X	2	
MW-1S (870-42898-6)	1/5/26	08:25 Central	G	Water			X	X	X	2	
MW-1S (cont) (870-42898-7)	1/5/26	09:10 Central	G	Water			X	X	X	2	
MW-4S (870-42898-8)	1/5/26	11:50 Central	G	Water			X	X	X	2	
MW-7S (870-42898-9)	1/5/26	13:25 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				JAN 07 2026	
Relinquished by:	Date/Time: 01/07/26-1700	Company	Received by:	Date/Time: 0830 JAN 08 2026	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9732.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 2 of 2
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-42898-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/14/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
FD-1 (870-42898-10)	1/5/26	13:30 Central	G	Water			X	X	X	2	
MW-15D (870-42898-11)	1/5/26	15:35 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		01072 6-1700		JAN 07 2026		
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
					0830 JAN 08 2026	
3	Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42898-1
SDG Number:

Login Number: 42898
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42898-1
SDG Number:

Login Number: 42898
List Number: 2
Creator: Carreon, Fernando

List Source: Eurofins Houston
List Creation: 01/08/26 09:35 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42898-1
SDG Number:

Login Number: 42898
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 01/08/26 10:36 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 2/10/2026 4:04:01 PM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-42939-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

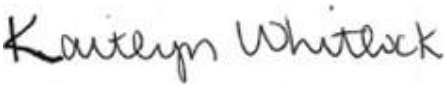
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
2/10/2026 4:04:01 PM

Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 17
QC Sample Results 18
QC Association Summary 25
Lab Chronicle 29
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 39

Definitions/Glossary

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

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.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
870-42939-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/8/2026 10:06 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 0.5°C and 0.9°C.

HPLC/IC
Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-287704 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.

Method 9056A: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-287704 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

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

Metals
Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-287477 and analytical batch 860-287784 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: The following samples were diluted due to the nature of the sample matrix: SFL MW-8S (870-42939-1), SFL MW-8D (870-42939-2), AP PZ-1 (870-42939-3), AP MW-4S (870-42939-4), FD2 (870-42939-5) and AP MW-1D (870-42939-6). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples SFL MW-8S (870-42939-1), SFL MW-8D (870-42939-2), FD2 (870-42939-5) and AP MW-1D (870-42939-6) was/were received outside of holding time.

Method SM 4500 H+ B: Samples AP PZ-1 (870-42939-3) and AP MW-4S (870-42939-4) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 753160

The detection goal was not met for Ra228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the activity is well below the RL and MDC.

AP PZ-1 (870-42939-3), AP MW-4S (870-42939-4), FD2 (870-42939-5), AP MW-1D (870-42939-6) and (870-42939-B-1-B DU)

Method 901.1: Gamma Batch 753160

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

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

Gas Flow Proportional Counter
Method 904.0: Radium-228 batch 753286
The LCS recovered at (137%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required

(LCS 160-753286/2-A)

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

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-42939-1
Date Collected: 01/06/26 08:10
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290		5.00	2.50	mg/L			01/13/26 11:40	10
Fluoride	1.02		0.500	0.100	mg/L			01/13/26 11:30	1
Sulfate	1690		5.00	2.00	mg/L			01/13/26 11:40	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	22.3		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 12:56	5
Calcium	640		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 12:56	5
Magnesium	137		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 12:56	5
Potassium	33.4	F1	2.50	0.530	mg/L		01/12/26 13:30	01/13/26 12:56	5
Sodium	760		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 12:56	5
Lithium	0.510		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 12:56	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9.23		0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:20	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:20	1
Arsenic	0.0107		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:20	1
Barium	0.0255		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:20	1
Beryllium	0.0409		0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:20	1
Cadmium	0.0150		0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:20	1
Chromium	0.00129	J	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:20	1
Cobalt	0.106		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:20	1
Iron	37.6		0.100	0.0223	mg/L		01/12/26 10:00	01/12/26 23:24	5
Lead	0.0631		0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:20	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:20	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:20	1
Thallium	0.00337		0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:25	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 15:42	1
Total Dissolved Solids (SM 2540C)	4280		20.0	20.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	3.2	HF			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	16.9	HF			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	6.34	U	17.1	17.1	50.0	27.5	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Radium-228	5.33	U	17.6	17.6	50.0	30.5	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Combined Radium 226 + 228	11.7	U	24.5	24.5		30.5	pCi/L	01/09/26 14:01	01/30/26 01:34	1

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-42939-1
Date Collected: 01/06/26 08:10
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.626**		0.166	0.175	1.00	0.134	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.3*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.45**		0.726	0.792	1.00	0.764	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.3*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*80.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-42939-2
Date Collected: 01/06/26 09:20
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**378**		0.500	0.250	mg/L			01/13/26 11:50	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 11:50	1
Sulfate	**591**		5.00	2.00	mg/L			01/13/26 12:00	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.625**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:09	5
Calcium	**184**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:09	5
Magnesium	**33.0**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:09	5
Potassium	**28.0**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:09	5
Sodium	**402**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:09	5
Lithium	**0.201**		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:09	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00658**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:27	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:27	1
Arsenic	**0.00174**	**J**	0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:27	1
Barium	**0.0379**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:27	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:27	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:27	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:27	1
Cobalt	**0.00117**	**J**	0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:27	1
Iron	**1.13**		0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 23:27	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:27	1
Molybdenum	**0.00106**	**J**	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:27	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:27	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:27	1

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-42939-2
Date Collected: 01/06/26 09:20
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	128		4.00	4.00	mg/L			01/14/26 15:37	1
Total Dissolved Solids (SM 2540C)	1720		10.0	10.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	6.9	HF			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	16.5	HF			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.0	U	19.8	19.9	50.0	28.6	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Radium-228	4.25	U	28.8	28.8	50.0	48.9	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Combined Radium 226 + 228	25.3	U	34.9	35.0		48.9	pCi/L	01/09/26 14:01	01/30/26 01:34	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.392		0.135	0.140	1.00	0.133	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.54		0.515	0.534	1.00	0.637	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*84.1*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP PZ-1
Lab Sample ID: 870-42939-3
Date Collected: 01/06/26 10:45
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2600		5.00	2.50	mg/L			01/13/26 12:43	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 12:33	1
Sulfate	1840		5.00	2.00	mg/L			01/13/26 12:43	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.400		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:10	5
Calcium	1160		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:10	5
Magnesium	223		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:10	5

Client Sample ID: AP PZ-1
Lab Sample ID: 870-42939-3

Date Collected: 01/06/26 10:45
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**66.5**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:10	5
Sodium	**1270**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:10	5
Lithium	**0.960**		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:10	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.311**		0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:29	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:29	1
Arsenic	**0.00664**		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:29	1
Barium	**0.0291**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:29	1
Beryllium	**0.00559**		0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:29	1
Cadmium	**0.00446**		0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:29	1
Chromium	**0.000568**	**J**	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:29	1
Cobalt	**0.0497**		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:29	1
Iron	**1.96**		0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 23:29	1
Lead	**0.000444**	**J**	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:29	1
Molybdenum	**0.000311**	**J**	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:29	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:29	1
Thallium	**0.00200**		0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 15:45	1
Total Dissolved Solids (SM 2540C)	**6270**		50.0	50.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**5.3**	**HF**			SU			01/12/26 15:04	1
Temperature (SM 4500 H+ B)	**21.1**	**HF**			Celsius			01/12/26 15:04	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.480	U	19.6	19.6	50.0	32.2	pCi/L	01/09/26 14:01	01/30/26 01:35	1
Radium-228	14.7	U G	12.4	12.5	50.0	60.2	pCi/L	01/09/26 14:01	01/30/26 01:35	1
Combined Radium 226 + 228	15.1	U	23.2	23.2		60.2	pCi/L	01/09/26 14:01	01/30/26 01:35	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.26**		0.294	0.358	1.00	0.153	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Client Sample ID: AP PZ-1
Lab Sample ID: 870-42939-3
Date Collected: 01/06/26 10:45
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	9.17		0.963	1.28	1.00	0.597	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*85.6*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-4S
Lab Sample ID: 870-42939-4
Date Collected: 01/06/26 12:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		0.500	0.250	mg/L			01/13/26 12:53	1
Fluoride	0.271	J	0.500	0.100	mg/L			01/13/26 12:53	1
Sulfate	706		5.00	2.00	mg/L			01/13/26 13:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.27		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:12	5
Calcium	159		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:12	5
Magnesium	26.7		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:12	5
Potassium	24.5		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:12	5
Sodium	223		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:12	5
Lithium	0.179	J	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:12	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4.97		0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:32	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:32	1
Arsenic	0.0110		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:32	1
Barium	0.0178		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:32	1
Beryllium	0.0152		0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:32	1
Cadmium	0.000484	J	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:32	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:32	1
Cobalt	0.0404		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:32	1
Iron	13.8		0.100	0.0223	mg/L		01/12/26 10:00	01/12/26 23:35	5
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:32	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:32	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:32	1
Thallium	0.000523	J	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:42	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 13:51	1
Total Dissolved Solids (SM 2540C)	1240		10.0	10.0	mg/L			01/09/26 14:29	1

Client Sample ID: AP MW-4S
Lab Sample ID: 870-42939-4
Date Collected: 01/06/26 12:40
Matrix: Water
Date Received: 01/08/26 10:06

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	4.4	HF			SU			01/12/26 15:04	1
Temperature (SM 4500 H+ B)	21.2	HF			Celsius			01/12/26 15:04	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-17.5	U	24.0	24.1	50.0	45.0	pCi/L	01/09/26 14:01	01/30/26 01:35	1
Radium-228	-17.0	U G	35.2	35.2	50.0	63.0	pCi/L	01/09/26 14:01	01/30/26 01:35	1
Combined Radium 226 + 228	-34.6	U	42.6	42.7		63.0	pCi/L	01/09/26 14:01	01/30/26 01:35	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.383		0.137	0.141	1.00	0.148	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.512	U	0.395	0.398	1.00	0.612	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*90.8*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*81.1*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: FD2
Lab Sample ID: 870-42939-5
Date Collected: 01/06/26 12:45
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		0.500	0.250	mg/L			01/13/26 13:13	1
Fluoride	0.268	J F1	0.500	0.100	mg/L			01/13/26 13:13	1
Sulfate	690		5.00	2.00	mg/L			01/13/26 13:23	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.11		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:13	5
Calcium	151		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:13	5
Magnesium	25.6		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:13	5
Potassium	23.3		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:13	5
Sodium	213		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:13	5
Lithium	0.191	J	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:13	5

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: FD2
Lab Sample ID: 870-42939-5
Date Collected: 01/06/26 12:45
Matrix: Water
Date Received: 01/08/26 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5.09**		0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:38	1
Arsenic	**0.0113**		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:38	1
Barium	**0.0187**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:38	1
Beryllium	**0.0156**		0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:38	1
Cadmium	**0.000519**	**J**	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:38	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:38	1
Cobalt	**0.0415**		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:38	1
Iron	**14.2**		0.100	0.0223	mg/L		01/12/26 10:00	01/12/26 23:42	5
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:38	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:38	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:38	1
Thallium	**0.000546**	**J**	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:45	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 15:18	1
Total Dissolved Solids (SM 2540C)	**1280**		10.0	10.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**4.2**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**18.8**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**33.4**		23.7	23.9	50.0	32.8	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Radium-228	-3.60	U G	49.8	49.8	50.0	87.8	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Combined Radium 226 + 228	29.8	U	55.2	55.2		87.8	pCi/L	01/09/26 14:01	01/30/26 02:41	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.393**		0.137	0.141	1.00	0.141	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.904**		0.453	0.461	1.00	0.643	pCi/L	01/12/26 07:59	01/28/26 11:34	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.2*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:34*	*1*

Client Sample ID: FD2
Lab Sample ID: 870-42939-5
Date Collected: 01/06/26 12:45
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	82.6		30 - 110	01/12/26 07:59	01/28/26 11:34	1

Client Sample ID: AP MW-1D
Lab Sample ID: 870-42939-6
Date Collected: 01/06/26 14:45
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.4**		0.500	0.250	mg/L			01/13/26 13:53	1
Fluoride	**0.739**		0.500	0.100	mg/L			01/13/26 13:53	1
Sulfate	**354**		0.500	0.200	mg/L			01/13/26 13:53	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**5.20**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:15	5
Calcium	**65.0**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:15	5
Magnesium	**11.7**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:15	5
Potassium	**10.4**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:15	5
Sodium	**239**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:15	5
Lithium	<0.0868	U	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:15	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00680**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:50	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:50	1
Arsenic	**0.0106**		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:50	1
Barium	**0.0109**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:50	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:50	1
Cadmium	**0.000271**	**J**	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:50	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:50	1
Cobalt	**0.00687**		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:50	1
Iron	**0.00581**	**J**	0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 23:50	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:50	1
Molybdenum	**0.0326**		0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:50	1
Selenium	**0.00119**	**J**	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:50	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**92.3**		4.00	4.00	mg/L			01/14/26 15:32	1
Total Dissolved Solids (SM 2540C)	**865**		5.00	5.00	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**6.5**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**17.8**	**HF**			Celsius			01/09/26 14:19	1

Client Sample ID: AP MW-1D
Lab Sample ID: 870-42939-6

Date Collected: 01/06/26 14:45
Matrix: Water

Date Received: 01/08/26 10:06

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**75.9**		27.5	28.5	50.0	29.8	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Radium-228	-13.4	U G	26.5	26.6	50.0	68.0	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Combined Radium 226 + 228	62.5	U	38.2	39.0		68.0	pCi/L	01/09/26 14:01	01/30/26 02:41	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0513	U	0.0934	0.0936	1.00	0.163	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.862**		0.508	0.514	1.00	0.756	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*79.6*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-42939-1	SFL MW-8S	81.3
870-42939-2	SFL MW-8D	84.6
870-42939-3	AP PZ-1	89.1
870-42939-4	AP MW-4S	90.8
870-42939-5	FD2	87.2
870-42939-6	AP MW-1D	85.8
LCS 160-753285/2-A	Lab Control Sample	84.1
MB 160-753285/1-A	Method Blank	82.4

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-42939-1	SFL MW-8S	81.3	80.4
870-42939-2	SFL MW-8D	84.6	84.1
870-42939-3	AP PZ-1	89.1	85.6
870-42939-4	AP MW-4S	90.8	81.1
870-42939-5	FD2	87.2	82.6
870-42939-6	AP MW-1D	85.8	79.6
LCS 160-753286/2-A	Lab Control Sample	84.1	83.7
MB 160-753286/1-A	Method Blank	82.4	79.3

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-287704/3
Matrix: Water
Analysis Batch: 287704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			01/13/26 10:39	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 10:39	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/13/26 10:39	1

Lab Sample ID: LCS 860-287704/4
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.053		mg/L		91	90 - 110
Fluoride	10.0	9.558		mg/L		96	90 - 110
Sulfate	10.0	9.107		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-287704/5
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.021		mg/L		90	90 - 110	0	20
Fluoride	10.0	9.568		mg/L		96	90 - 110	0	20
Sulfate	10.0	9.138		mg/L		91	90 - 110	0	20

Lab Sample ID: LLCS 860-287704/53
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5569		mg/L		111	50 - 150
Fluoride	0.500	0.3255	J	mg/L		65	50 - 150
Sulfate	0.500	0.5126		mg/L		103	50 - 150

Lab Sample ID: 870-42939-5 MS
Matrix: Water
Analysis Batch: 287704

Client Sample ID: FD2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	132		10.0	141.6	4	mg/L		97	90 - 110
Fluoride	0.268	J F1	10.0	6.408	F1	mg/L		61	90 - 110

Lab Sample ID: 870-42939-5 MSD
Matrix: Water
Analysis Batch: 287704

Client Sample ID: FD2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	132		10.0	141.9	4	mg/L		100	90 - 110	0	15
Fluoride	0.268	J F1	10.0	6.432	F1	mg/L		62	90 - 110	0	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-287477/1-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/12/26 13:30	01/13/26 12:51	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/12/26 13:30	01/13/26 12:51	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/12/26 13:30	01/13/26 12:51	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/12/26 13:30	01/13/26 12:51	1
Sodium	<0.152	U	0.500	0.152	mg/L		01/12/26 13:30	01/13/26 12:51	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		01/12/26 13:30	01/13/26 12:51	1

Lab Sample ID: LCS 860-287477/2-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	1.020		mg/L		102	80 - 120
Calcium	25.0	25.80		mg/L		103	80 - 120
Magnesium	25.0	24.80		mg/L		99	80 - 120
Potassium	10.0	9.950		mg/L		100	80 - 120
Sodium	25.0	25.00		mg/L		100	80 - 120
Lithium	1.00	0.9630		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-287477/3-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287477

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.020		mg/L		102	80 - 120	0	20
Calcium	25.0	25.90		mg/L		104	80 - 120	0	20
Magnesium	25.0	24.80		mg/L		99	80 - 120	0	20
Potassium	10.0	9.970		mg/L		100	80 - 120	0	20
Sodium	25.0	25.00		mg/L		100	80 - 120	0	20
Lithium	1.00	0.9620		mg/L		96	80 - 120	0	20

Lab Sample ID: 870-42939-1 MS
Matrix: Water
Analysis Batch: 287784

Client Sample ID: SFL MW-8S
Prep Type: Total/NA
Prep Batch: 287477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	22.3		1.00	21.90	4	mg/L		-35	75 - 125
Calcium	640		25.0	620.0	4	mg/L		-80	75 - 125
Magnesium	137		25.0	155.5	4	mg/L		76	75 - 125
Potassium	33.4	F1	10.0	43.30		mg/L		100	75 - 125
Sodium	760		25.0	735.0	4	mg/L		-100	75 - 125
Lithium	0.510		1.00	1.550		mg/L		104	75 - 125

Lab Sample ID: 870-42939-1 MSD
Matrix: Water
Analysis Batch: 287784

Client Sample ID: SFL MW-8S
Prep Type: Total/NA
Prep Batch: 287477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	22.3		1.00	23.50	4	mg/L		125	75 - 125	7	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 870-42939-1 MSD
Matrix: Water
Analysis Batch: 287784

Client Sample ID: SFL MW-8S
Prep Type: Total/NA
Prep Batch: 287477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	640		25.0	665.0	4	mg/L		100	75 - 125	7	20
Magnesium	137		25.0	166.0	4	mg/L		118	75 - 125	7	20
Potassium	33.4	F1	10.0	46.10	F1	mg/L		128	75 - 125	6	20
Sodium	760		25.0	790.0	4	mg/L		120	75 - 125	7	20
Lithium	0.510		1.00	1.640		mg/L		113	75 - 125	6	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-287409/1-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 22:41	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 22:41	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 22:41	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 22:41	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 22:41	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 22:41	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 22:41	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 22:41	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 22:41	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 22:41	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 22:41	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 22:41	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 22:41	1

Lab Sample ID: LCS 860-287409/2-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5066		mg/L		101	80 - 120
Antimony	0.100	0.09984		mg/L		100	80 - 120
Arsenic	0.100	0.09365		mg/L		94	80 - 120
Barium	0.100	0.1020		mg/L		102	80 - 120
Beryllium	0.100	0.09809		mg/L		98	80 - 120
Cadmium	0.100	0.09507		mg/L		95	80 - 120
Chromium	0.100	0.09828		mg/L		98	80 - 120
Cobalt	0.100	0.09763		mg/L		98	80 - 120
Iron	0.500	0.4940		mg/L		99	80 - 120
Lead	0.100	0.1020		mg/L		102	80 - 120
Molybdenum	0.100	0.09882		mg/L		99	80 - 120
Selenium	0.100	0.08896		mg/L		89	80 - 120
Thallium	0.100	0.1028		mg/L		103	80 - 120

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

Lab Sample ID: LCSD 860-287409/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 287842
Prep Batch: 287409

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.5036		mg/L		101	80 - 120	1	20
Antimony			0.100	0.09901		mg/L		99	80 - 120	1	20
Arsenic			0.100	0.09281		mg/L		93	80 - 120	1	20
Barium			0.100	0.1013		mg/L		101	80 - 120	1	20
Beryllium			0.100	0.09871		mg/L		99	80 - 120	1	20
Cadmium			0.100	0.09427		mg/L		94	80 - 120	1	20
Chromium			0.100	0.09697		mg/L		97	80 - 120	1	20
Cobalt			0.100	0.09657		mg/L		97	80 - 120	1	20
Iron			0.500	0.4857		mg/L		97	80 - 120	2	20
Lead			0.100	0.1018		mg/L		102	80 - 120	0	20
Molybdenum			0.100	0.09683		mg/L		97	80 - 120	2	20
Selenium			0.100	0.08747		mg/L		87	80 - 120	2	20
Thallium			0.100	0.1020		mg/L		102	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-287775/10-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 287971
Prep Batch: 287775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 19:58	1

Lab Sample ID: LCS 860-287775/11-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 287971
Prep Batch: 287775

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.002013		mg/L		101	80 - 120		

Lab Sample ID: LCSD 860-287775/12-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 287971
Prep Batch: 287775

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.002031		mg/L		102	80 - 120	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-288325/3
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 288325

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			01/14/26 11:30	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 860-288325/34
Matrix: Water
Analysis Batch: 288325
Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			01/14/26 14:27	1

Lab Sample ID: LCS 860-288325/35
Matrix: Water
Analysis Batch: 288325
Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	249.0		mg/L		100	85 - 115

Lab Sample ID: LCS 860-288325/5
Matrix: Water
Analysis Batch: 288325
Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	248.3		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-288325/36
Matrix: Water
Analysis Batch: 288325
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	249.0		mg/L		100	85 - 115	1	20

Lab Sample ID: LCSD 860-288325/6
Matrix: Water
Analysis Batch: 288325
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	246.5		mg/L		99	85 - 115	1	20

Lab Sample ID: LLCS 860-288325/4
Matrix: Water
Analysis Batch: 288325
Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	4.837		mg/L		121	50 - 150

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

Lab Sample ID: MB 870-34769/1
Matrix: Water
Analysis Batch: 34769
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	<2.50	U	2.50	2.50	mg/L			01/09/26 14:29	1

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

Lab Sample ID: LCS 870-34769/2
Matrix: Water
Analysis Batch: 34769

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	1000	893.0		mg/L		89	80 - 120

Lab Sample ID: LCSD 870-34769/3
Matrix: Water
Analysis Batch: 34769

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	934.0		mg/L		93	80 - 120	4	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-753160/1-A
Matrix: Water
Analysis Batch: 755898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753160

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.39	U	19.9	20.0	50.0	31.0	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Radium-228	8.539	U	27.6	27.6	50.0	46.2	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Combined Radium 226 + 228	29.92	U	34.0	34.1		46.2	pCi/L	01/09/26 14:01	01/30/26 01:34	1

Lab Sample ID: LCS 160-753160/2-A
Matrix: Water
Analysis Batch: 755899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753160

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	147400		15100		517	pCi/L	104	75 - 125
Cesium-137	37400	36390		3570		239	pCi/L	97	75 - 125
Cobalt-60	49100	48140		4700		162	pCi/L	98	75 - 125

Lab Sample ID: 870-42939-1 DU
Matrix: Water
Analysis Batch: 755898

Client Sample ID: SFL MW-8S
Prep Type: Total/NA
Prep Batch: 753160

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	6.34	U	0.7631	U	1.24	50.0	36.0	pCi/L	0.30	1
Radium-228	5.33	U	-0.8539	U G	32.1	50.0	55.2	pCi/L	0.12	1
Combined Radium 226 + 228	11.7	U	-0.09082	U	32.1		55.2	pCi/L	0.21	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-753285/1-A
Matrix: Water
Analysis Batch: 756254

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753285

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.005486	U	0.0638	0.0638	1.00	0.135	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Lab Sample ID: LCS 160-753285/2-A
Matrix: Water
Analysis Batch: 756254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753285

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.20		1.10	1.00	0.116	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-753286/1-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753286

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2590	U	0.411	0.412	1.00	0.698	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*79.3*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Lab Sample ID: LCS 160-753286/2-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753286

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.74	10.59		1.45	1.00	0.696	pCi/L	137	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*
Y Carrier	*83.7*		*30 - 110*

HPLC/IC

Analysis Batch: 287704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	9056A	
870-42939-1	SFL MW-8S	Total/NA	Water	9056A	
870-42939-2	SFL MW-8D	Total/NA	Water	9056A	
870-42939-2	SFL MW-8D	Total/NA	Water	9056A	
870-42939-3	AP PZ-1	Total/NA	Water	9056A	
870-42939-3	AP PZ-1	Total/NA	Water	9056A	
870-42939-4	AP MW-4S	Total/NA	Water	9056A	
870-42939-4	AP MW-4S	Total/NA	Water	9056A	
870-42939-5	FD2	Total/NA	Water	9056A	
870-42939-5	FD2	Total/NA	Water	9056A	
870-42939-6	AP MW-1D	Total/NA	Water	9056A	
MB 860-287704/3	Method Blank	Total/NA	Water	9056A	
LCS 860-287704/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-287704/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-287704/53	Lab Control Sample	Total/NA	Water	9056A	
870-42939-5 MS	FD2	Total/NA	Water	9056A	
870-42939-5 MSD	FD2	Total/NA	Water	9056A	

Metals

Prep Batch: 287409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	3010A	
870-42939-2	SFL MW-8D	Total/NA	Water	3010A	
870-42939-3	AP PZ-1	Total/NA	Water	3010A	
870-42939-4	AP MW-4S	Total/NA	Water	3010A	
870-42939-5	FD2	Total/NA	Water	3010A	
870-42939-6	AP MW-1D	Total/NA	Water	3010A	
MB 860-287409/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287409/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287409/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 287477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	3010A	
870-42939-2	SFL MW-8D	Total/NA	Water	3010A	
870-42939-3	AP PZ-1	Total/NA	Water	3010A	
870-42939-4	AP MW-4S	Total/NA	Water	3010A	
870-42939-5	FD2	Total/NA	Water	3010A	
870-42939-6	AP MW-1D	Total/NA	Water	3010A	
MB 860-287477/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287477/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287477/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-42939-1 MS	SFL MW-8S	Total/NA	Water	3010A	
870-42939-1 MSD	SFL MW-8S	Total/NA	Water	3010A	

Prep Batch: 287775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	7470A	
870-42939-2	SFL MW-8D	Total/NA	Water	7470A	
870-42939-3	AP PZ-1	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 287775 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-4	AP MW-4S	Total/NA	Water	7470A	
870-42939-5	FD2	Total/NA	Water	7470A	
870-42939-6	AP MW-1D	Total/NA	Water	7470A	
MB 860-287775/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-287775/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-287775/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 287784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	6010D	287477
870-42939-2	SFL MW-8D	Total/NA	Water	6010D	287477
870-42939-3	AP PZ-1	Total/NA	Water	6010D	287477
870-42939-4	AP MW-4S	Total/NA	Water	6010D	287477
870-42939-5	FD2	Total/NA	Water	6010D	287477
870-42939-6	AP MW-1D	Total/NA	Water	6010D	287477
MB 860-287477/1-A	Method Blank	Total/NA	Water	6010D	287477
LCS 860-287477/2-A	Lab Control Sample	Total/NA	Water	6010D	287477
LCSD 860-287477/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	287477
870-42939-1 MS	SFL MW-8S	Total/NA	Water	6010D	287477
870-42939-1 MSD	SFL MW-8S	Total/NA	Water	6010D	287477

Analysis Batch: 287842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	6020B	287409
870-42939-1	SFL MW-8S	Total/NA	Water	6020B	287409
870-42939-2	SFL MW-8D	Total/NA	Water	6020B	287409
870-42939-3	AP PZ-1	Total/NA	Water	6020B	287409
870-42939-4	AP MW-4S	Total/NA	Water	6020B	287409
870-42939-4	AP MW-4S	Total/NA	Water	6020B	287409
870-42939-5	FD2	Total/NA	Water	6020B	287409
870-42939-5	FD2	Total/NA	Water	6020B	287409
870-42939-6	AP MW-1D	Total/NA	Water	6020B	287409
MB 860-287409/1-A	Method Blank	Total/NA	Water	6020B	287409
LCS 860-287409/2-A	Lab Control Sample	Total/NA	Water	6020B	287409
LCSD 860-287409/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	287409

Analysis Batch: 287971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	7470A	287775
870-42939-2	SFL MW-8D	Total/NA	Water	7470A	287775
870-42939-3	AP PZ-1	Total/NA	Water	7470A	287775
870-42939-4	AP MW-4S	Total/NA	Water	7470A	287775
870-42939-5	FD2	Total/NA	Water	7470A	287775
870-42939-6	AP MW-1D	Total/NA	Water	7470A	287775
MB 860-287775/10-A	Method Blank	Total/NA	Water	7470A	287775
LCS 860-287775/11-A	Lab Control Sample	Total/NA	Water	7470A	287775
LCSD 860-287775/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	287775

QC Association Summary

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

General Chemistry

Analysis Batch: 34768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	SM 4500 H+ B	
870-42939-2	SFL MW-8D	Total/NA	Water	SM 4500 H+ B	
870-42939-5	FD2	Total/NA	Water	SM 4500 H+ B	
870-42939-6	AP MW-1D	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 34769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	SM 2540C	
870-42939-2	SFL MW-8D	Total/NA	Water	SM 2540C	
870-42939-3	AP PZ-1	Total/NA	Water	SM 2540C	
870-42939-4	AP MW-4S	Total/NA	Water	SM 2540C	
870-42939-5	FD2	Total/NA	Water	SM 2540C	
870-42939-6	AP MW-1D	Total/NA	Water	SM 2540C	
MB 870-34769/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-34769/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-34769/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 34805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-3	AP PZ-1	Total/NA	Water	SM 4500 H+ B	
870-42939-4	AP MW-4S	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 288325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	SM 2320B	
870-42939-2	SFL MW-8D	Total/NA	Water	SM 2320B	
870-42939-3	AP PZ-1	Total/NA	Water	SM 2320B	
870-42939-4	AP MW-4S	Total/NA	Water	SM 2320B	
870-42939-5	FD2	Total/NA	Water	SM 2320B	
870-42939-6	AP MW-1D	Total/NA	Water	SM 2320B	
MB 860-288325/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-288325/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-288325/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-288325/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-288325/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-288325/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-288325/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 753160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	Fill_Geo-21	
870-42939-2	SFL MW-8D	Total/NA	Water	Fill_Geo-21	
870-42939-3	AP PZ-1	Total/NA	Water	Fill_Geo-21	
870-42939-4	AP MW-4S	Total/NA	Water	Fill_Geo-21	
870-42939-5	FD2	Total/NA	Water	Fill_Geo-21	
870-42939-6	AP MW-1D	Total/NA	Water	Fill_Geo-21	
MB 160-753160/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-753160/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-42939-1 DU	SFL MW-8S	Total/NA	Water	Fill_Geo-21	

Rad

Prep Batch: 753285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	PrecSep-21	
870-42939-2	SFL MW-8D	Total/NA	Water	PrecSep-21	
870-42939-3	AP PZ-1	Total/NA	Water	PrecSep-21	
870-42939-4	AP MW-4S	Total/NA	Water	PrecSep-21	
870-42939-5	FD2	Total/NA	Water	PrecSep-21	
870-42939-6	AP MW-1D	Total/NA	Water	PrecSep-21	
MB 160-753285/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-753285/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 753286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42939-1	SFL MW-8S	Total/NA	Water	PrecSep_0	
870-42939-2	SFL MW-8D	Total/NA	Water	PrecSep_0	
870-42939-3	AP PZ-1	Total/NA	Water	PrecSep_0	
870-42939-4	AP MW-4S	Total/NA	Water	PrecSep_0	
870-42939-5	FD2	Total/NA	Water	PrecSep_0	
870-42939-6	AP MW-1D	Total/NA	Water	PrecSep_0	
MB 160-753286/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-753286/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-42939-1
Date Collected: 01/06/26 08:10
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 11:30	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 11:40	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 12:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:20	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			287842	01/12/26 23:24	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:25	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 15:42	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755905	01/30/26 01:34	ASA	EET SL
Total/NA	Prep	PrecSep-21			1005.85 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:51	SWS	EET SL
Total/NA	Prep	PrecSep_0			1005.85 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-42939-2
Date Collected: 01/06/26 09:20
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 11:50	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 12:00	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:27	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:35	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 15:37	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755902	01/30/26 01:34	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.48 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:51	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.48 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP PZ-1
Lab Sample ID: 870-42939-3
Date Collected: 01/06/26 10:45
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 12:33	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 12:43	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:29	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:39	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 15:45	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34805	01/12/26 15:04	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755904	01/30/26 01:35	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.84 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:51	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.84 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-4S
Lab Sample ID: 870-42939-4
Date Collected: 01/06/26 12:40
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 12:53	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 13:03	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:32	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			287842	01/12/26 23:35	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:42	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:51	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34805	01/12/26 15:04	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755906	01/30/26 01:35	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.92 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:51	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.92 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: FD2
Lab Sample ID: 870-42939-5
Date Collected: 01/06/26 12:45
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 13:13	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 13:23	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:13	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:38	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			287842	01/12/26 23:42	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:45	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 15:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755899	01/30/26 02:41	ASA	EET SL
Total/NA	Prep	PrecSep-21			1005.71 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:51	SWS	EET SL
Total/NA	Prep	PrecSep_0			1005.71 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:34	SWS	EET SL

Client Sample ID: AP MW-1D
Lab Sample ID: 870-42939-6
Date Collected: 01/06/26 14:45
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 13:53	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:50	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:49	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 15:32	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755904	01/30/26 02:41	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.33 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:51	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.33 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-42939-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-42939-1	SFL MW-8S	Water	01/06/26 08:10	01/08/26 10:06	Texas
870-42939-2	SFL MW-8D	Water	01/06/26 09:20	01/08/26 10:06	Texas
870-42939-3	AP PZ-1	Water	01/06/26 10:45	01/08/26 10:06	Texas
870-42939-4	AP MW-4S	Water	01/06/26 12:40	01/08/26 10:06	Texas
870-42939-5	FD2	Water	01/06/26 12:45	01/08/26 10:06	Texas
870-42939-6	AP MW-1D	Water	01/06/26 14:45	01/08/26 10:06	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

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2/10/2026

Client Information	Sampler: WRC	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15501-5258.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page: Page
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Appendix III/IV	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	Total 6010D, 6020B, 7470A	Dissolved Field Filtered 6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
SFL MW-8S	01/06/26	0810	G	W			X	X	X	X	X	X		X	X		
SFL MW-8D		0920	G	W			X	X	X	X	X	X		X	X		
AP PZ-1		1045	G	W			X	X	X	X	X	X		X	X		
AP MW-45		1240	G	W			X	X	X	X	X	X		X	X		
FD 2		1245	G	W			X	X	X	X	X	X		X	X		
AP MW-1D		1445	G	W			X	X	X	X	X	X		X	X		

870-42939 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8875 1226 7007, 7030				
Relinquished by: MK Cole	Date/Time: 01/07/26 1500	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 1/8/26 10:06	Company	Received by:	Date/Time: 1/8/26 10:06	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: 0.6/0.5 1.0/0.9 THM027 CF -0.1

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9741.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-42939-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/15/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SFL MW-8S (870-42939-1)	1/6/26	08:10 Central	G	Water			X	X	X	2	
SFL MW-8D (870-42939-2)	1/6/26	09:20 Central	G	Water			X	X	X	2	
AP PZ-1 (870-42939-3)	1/6/26	10:45 Central	G	Water			X	X	X	2	
AP MW-4S (870-42939-4)	1/6/26	12:40 Central	G	Water			X	X	X	2	
FD2 (870-42939-5)	1/6/26	12:45 Central	G	Water			X	X	X	2	
AP MW-1D (870-42939-6)	1/6/26	14:45 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: FEDEX
Relinquished by:	Date/Time: 01/08/26 1700	Company	Received by: JAN 08 2026
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest Date/Time: 0820 JAN 09 2026 Company ETA-STL

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9742 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-42939-1
Address: 4145 Greenbriar Dr	Due Date Requested: 1/14/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
SFL MW-8S (870-42939-1)	1/6/26	08:10 Central	G	Water			X	X	X	X	X	3	
SFL MW-8D (870-42939-2)	1/6/26	09:20 Central	G	Water			X	X	X	X	X	3	
AP PZ-1 (870-42939-3)	1/6/26	10:45 Central	G	Water			X	X	X	X	X	3	
AP MW-4S (870-42939-4)	1/6/26	12:40 Central	G	Water			X	X	X	X	X	3	
FD2 (870-42939-5)	1/6/26	12:45 Central	G	Water			X	X	X	X	X	3	
AP MW-1D (870-42939-6)	1/6/26	14:45 Central	G	Water			X	X	X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. *This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.*

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	*Special Instructions/QC Requirements:*

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	VMED	1/8/26		TPX		
2	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
3	Relinquished by: TPX	Date/Time:	Company	Received by:	Date/Time: 1.9.26 0800	Company

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 1R HUV-465 3.9°

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42939-1
SDG Number:

Login Number: 42939
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42939-1
SDG Number:

Login Number: 42939
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 01/09/26 09:04 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42939-1
SDG Number:

Login Number: 42939
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 01/09/26 11:41 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 2/12/2026 10:05:19 AM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-42940-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

my EOL

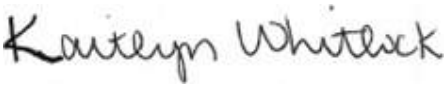
Eurofins Dallas

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 18
QC Sample Results 19
QC Association Summary 29
Lab Chronicle 33
Certification Summary 37
Method Summary 38
Sample Summary 39
Chain of Custody 40
Receipt Checklists 43

Definitions/Glossary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-42940-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/8/2026 10:06 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 0.7°C and 0.7°C.

HPLC/IC
Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-287704 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.

Method 9056A: The continuing calibration blank (CCB) for analytical batch 860-287704 contained Sulfate above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

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

Metals
Method 6010D: The following samples were diluted due to the nature of the sample matrix: AP MW-7S (870-42940-1), AP MW-7D (870-42940-2), AP MW-5D (870-42940-3), AP MW-3D (870-42940-4), EB2 (870-42940-5) and AP MW-1 (870-42940-6). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples AP MW-7S (870-42940-1), AP MW-7D (870-42940-2), AP MW-5D (870-42940-3), AP MW-3D (870-42940-4) and EB2 (870-42940-5) was/were received outside of holding time.

Method SM 4500 H+ B: Sample AP MW-1 (870-42940-6) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 753160

The detection goal was not met for Ra228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent "force-fit" of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the activity is well below the RL and MDC.

AP MW-7S (870-42940-1), AP MW-7D (870-42940-2), AP MW-5D (870-42940-3), AP MW-3D (870-42940-4), EB2 (870-42940-5), AP MW-1 (870-42940-6) and (870-42939-B-1-B DU)

Method 901.1: Gamma Batch 753160

Job ID: 870-42940-1 (Continued) Eurofins Dallas

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

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

Gas Flow Proportional Counter
Method 904.0: Radium-228 batch 753286
The LCS recovered at (137%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required

(LCS 160-753286/2-A)

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

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-7S
Lab Sample ID: 870-42940-1
Date Collected: 01/06/26 08:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**369**		0.500	0.250	mg/L			01/13/26 14:53	1
Fluoride	**2.70**		0.500	0.100	mg/L			01/13/26 14:53	1
Sulfate	**3170**		5.00	2.00	mg/L			01/13/26 15:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.63**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:26	5
Calcium	**600**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:26	5
Magnesium	**190**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:26	5
Potassium	**66.0**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:26	5
Sodium	**945**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:26	5
Lithium	**1.28**		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:26	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7.00**		0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:53	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:53	1
Arsenic	**0.0165**		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:53	1
Barium	**0.0252**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:53	1
Beryllium	**0.0968**		0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:53	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:53	1
Chromium	**0.00385**	**J**	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:53	1
Cobalt	**0.0407**		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:53	1
Iron	**17.3**		0.100	0.0223	mg/L		01/12/26 10:00	01/12/26 23:56	5
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:53	1
Molybdenum	**0.000349**	**J**	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:53	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:53	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 13:59	1
Total Dissolved Solids (SM 2540C)	**5120**		20.0	20.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**6.9**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**19.2**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**34.2**		22.0	22.2	50.0	29.8	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Radium-228	-10.0	U G	29.8	29.8	50.0	54.0	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Combined Radium 226 + 228	24.2	U	37.0	37.2		54.0	pCi/L	01/09/26 14:01	01/30/26 02:41	1

Client Sample ID: AP MW-7S
Lab Sample ID: 870-42940-1
Date Collected: 01/06/26 08:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.858**		0.181	0.197	1.00	0.119	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.08**		0.551	0.583	1.00	0.604	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*81.5*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1020**		5.00	2.50	mg/L			01/13/26 14:43	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 14:33	1
Sulfate	**1170**		5.00	2.00	mg/L			01/13/26 14:43	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.12**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:28	5
Calcium	**443**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:28	5
Magnesium	**66.0**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:28	5
Potassium	**49.7**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:28	5
Sodium	**805**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:28	5
Lithium	**0.530**		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:28	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/13/26 11:00	01/13/26 19:36	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/13/26 11:00	01/13/26 19:36	1
Arsenic	**0.0119**		0.0100	0.00650	mg/L		01/13/26 11:00	01/13/26 19:36	1
Barium	**0.0480**		0.0100	0.00125	mg/L		01/13/26 11:00	01/13/26 19:36	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/13/26 11:00	01/13/26 19:36	1
Boron	**0.962**		0.0500	0.0162	mg/L		01/13/26 11:00	01/13/26 19:36	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/13/26 11:00	01/13/26 19:36	1
Calcium	**363**		0.200	0.102	mg/L		01/13/26 11:00	01/13/26 19:36	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/13/26 11:00	01/13/26 19:36	1
Cobalt	**0.00264**	**J**	0.0100	0.00123	mg/L		01/13/26 11:00	01/13/26 19:36	1
Iron	**1.34**		0.200	0.0283	mg/L		01/13/26 11:00	01/13/26 19:36	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/13/26 11:00	01/13/26 19:36	1
Magnesium	**56.3**		0.200	0.0445	mg/L		01/13/26 11:00	01/13/26 19:36	1

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2

Date Collected: 01/06/26 11:00
Matrix: Water

Date Received: 01/08/26 10:06

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/13/26 11:00	01/13/26 19:36	1
Potassium	**46.5**		0.500	0.106	mg/L		01/13/26 11:00	01/13/26 19:36	1
Selenium	**0.0114**	**J**	0.0300	0.00927	mg/L		01/13/26 11:00	01/13/26 19:36	1
Sodium	**679**		0.500	0.152	mg/L		01/13/26 11:00	01/13/26 19:36	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/13/26 11:00	01/13/26 19:36	1
Li	**0.465**		0.0400	0.0174	mg/L		01/13/26 11:00	01/13/26 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0173**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:59	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:59	1
Arsenic	**0.0125**		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:59	1
Barium	**0.0520**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:59	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:59	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:59	1
Chromium	**0.00154**	**J**	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:59	1
Cobalt	**0.00239**		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:59	1
Iron	**1.22**		0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 23:59	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:59	1
Molybdenum	**0.00906**		0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:59	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:59	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:56	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**247**		4.00	4.00	mg/L			01/14/26 15:11	1
Total Dissolved Solids (SM 2540C)	**3440**		20.0	20.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**6.9**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**19.8**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	26.5	U	24.4	24.6	50.0	41.5	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Radium-228	21.5	U G	38.3	38.4	50.0	60.7	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Combined Radium 226 + 228	48.0	U	45.4	45.6		60.7	pCi/L	01/09/26 14:01	01/30/26 02:41	1

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.454		0.139	0.145	1.00	0.118	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.55		0.537	0.555	1.00	0.671	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*77.8*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-5D
Lab Sample ID: 870-42940-3
Date Collected: 01/06/26 14:15
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		5.00	2.50	mg/L			01/13/26 15:23	10
Fluoride	4.00		0.500	0.100	mg/L			01/13/26 15:13	1
Sulfate	3000		5.00	2.00	mg/L			01/13/26 15:23	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.71		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:29	5
Calcium	725		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:29	5
Magnesium	226		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:29	5
Potassium	83.0		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:29	5
Sodium	1460		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:29	5
Lithium	1.38		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:29	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	27.2		0.100	0.0275	mg/L		01/12/26 10:00	01/13/26 00:05	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:02	1
Arsenic	0.0146		0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:02	1
Barium	0.0167		0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:02	1
Beryllium	0.129		0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:02	1
Cadmium	0.00249		0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:02	1
Chromium	0.000664	J	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:02	1
Cobalt	0.0504		0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:02	1
Iron	6.27		0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:02	1
Lead	0.000836	J	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:02	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:02	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:02	1
Thallium	0.000757	J	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:02	1

Client Sample ID: AP MW-5D
Lab Sample ID: 870-42940-3
Date Collected: 01/06/26 14:15
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 13:27	1
Total Dissolved Solids (SM 2540C)	**6360**		20.0	20.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**3.9**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**18.6**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**56.3**		26.1	26.6	50.0	33.8	pCi/L	01/09/26 14:01	01/30/26 02:42	1
Radium-228	-8.36	U G	42.6	42.6	50.0	73.2	pCi/L	01/09/26 14:01	01/30/26 02:42	1
Combined Radium 226 + 228	47.9	U	50.0	50.2		73.2	pCi/L	01/09/26 14:01	01/30/26 02:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.699**		0.197	0.207	1.00	0.166	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.26**		0.902	0.983	1.00	0.943	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*79.6*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**236**		0.500	0.250	mg/L			01/13/26 15:33	1
Fluoride	<0.100	U F1	0.500	0.100	mg/L			01/13/26 15:33	1
Sulfate	**768**		5.00	2.00	mg/L			01/13/26 15:43	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.96**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:44	5
Calcium	**255**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:44	5
Magnesium	**32.6**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:44	5

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4

Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**25.1**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:44	5
Sodium	**338**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:44	5
Lithium	**0.180**	**J**	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:44	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.324**		0.0200	0.00549	mg/L		01/12/26 10:00	01/13/26 00:14	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:14	1
Arsenic	**0.00745**		0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:14	1
Barium	**0.0309**		0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:14	1
Beryllium	**0.00141**	**J**	0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:14	1
Cadmium	**0.000628**	**J**	0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:14	1
Chromium	**0.00117**	**J**	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:14	1
Cobalt	**0.0328**		0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:14	1
Iron	**2.19**		0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:14	1
Lead	**0.000576**	**J**	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:14	1
Molybdenum	**0.000897**	**J**	0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:14	1
Selenium	**0.00167**	**J**	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:14	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**17.1**		4.00	4.00	mg/L			01/14/26 13:54	1
Total Dissolved Solids (SM 2540C)	**1510**		10.0	10.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**5.4**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**19.4**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**33.9**		22.0	22.3	50.0	30.1	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Radium-228	-31.0	U G	45.7	45.8	50.0	87.8	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Combined Radium 226 + 228	2.88	U	50.7	50.9		87.8	pCi/L	01/09/26 14:01	01/30/26 03:46	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.522**		0.182	0.188	1.00	0.162	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.5*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.40**		0.696	0.707	1.00	0.967	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.5*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*76.3*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: EB2
Lab Sample ID: 870-42940-5
Date Collected: 01/06/26 12:15
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.18**		0.500	0.250	mg/L			01/14/26 20:14	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 16:33	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/13/26 16:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0809	U	0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:31	5
Calcium	<0.508	U	1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:31	5
Magnesium	<0.222	U	1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:31	5
Potassium	<0.530	U	2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:31	5
Sodium	**1.81**	**J**	2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:31	5
Lithium	<0.0868	U	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:31	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00574**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/13/26 00:08	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:08	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:08	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:08	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:08	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:08	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:08	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:08	1
Iron	**0.00471**	**J**	0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:08	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:08	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:08	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:08	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 13:30	1
Total Dissolved Solids (SM 2540C)	**3.50**		2.50	2.50	mg/L			01/09/26 14:29	1

Client Sample ID: EB2
Lab Sample ID: 870-42940-5
Date Collected: 01/06/26 12:15
Matrix: Water
Date Received: 01/08/26 10:06

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	**5.3**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	20.1	U	21.7	21.8	50.0	32.2	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Radium-228	6.06	U G	32.4	32.4	50.0	54.3	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Combined Radium 226 + 228	26.2	U	39.0	39.1		54.3	pCi/L	01/09/26 14:01	01/30/26 03:46	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0289	U	0.0996	0.0997	1.00	0.184	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.112	U	0.362	0.362	1.00	0.694	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*81.9*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6
Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**	**^2**	0.500	0.250	mg/L			01/13/26 16:53	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 16:53	1
Sulfate	**636**	**^2**	5.00	2.00	mg/L			01/13/26 17:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.79**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:32	5
Calcium	**132**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:32	5
Magnesium	**24.9**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:32	5
Potassium	**10.2**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:32	5
Sodium	**324**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:32	5
Lithium	<0.0868	U	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:32	5

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6

Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0185**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/13/26 00:11	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:11	1
Arsenic	**0.00395**	**J**	0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:11	1
Barium	**0.0453**		0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:11	1
Beryllium	**0.00372**		0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:11	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:11	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:11	1
Cobalt	**0.0877**		0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:11	1
Iron	**1.17**		0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:11	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:11	1
Molybdenum	**0.00382**		0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:11	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:11	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**82.4**		4.00	4.00	mg/L			01/14/26 13:34	1
Total Dissolved Solids (SM 2540C)	**1310**		10.0	10.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**5.9**	**HF**			SU			01/12/26 15:04	1
Temperature (SM 4500 H+ B)	**21.3**	**HF**			Celsius			01/12/26 15:04	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-2.13	U	22.8	22.8	50.0	38.7	pCi/L	01/09/26 14:01	01/30/26 03:47	1
Radium-228	-23.8	U G	36.9	37.0	50.0	68.3	pCi/L	01/09/26 14:01	01/30/26 03:47	1
Combined Radium 226 + 228	-25.9	U	43.4	43.5		68.3	pCi/L	01/09/26 14:01	01/30/26 03:47	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.701**		0.168	0.180	1.00	0.137	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.18**		0.582	0.616	1.00	0.674	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6
Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	82.6		30 - 110	01/12/26 07:59	01/28/26 11:35	1

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-42940-1	AP MW-7S	89.1
870-42940-2	AP MW-7D	87.4
870-42940-3	AP MW-5D	87.4
870-42940-4	AP MW-3D	76.5
870-42940-5	EB2	82.1
870-42940-6	AP MW-1	87.4
LCS 160-753285/2-A	Lab Control Sample	84.1
MB 160-753285/1-A	Method Blank	82.4

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-42940-1	AP MW-7S	89.1	81.5
870-42940-2	AP MW-7D	87.4	77.8
870-42940-3	AP MW-5D	87.4	79.6
870-42940-4	AP MW-3D	76.5	76.3
870-42940-5	EB2	82.1	81.9
870-42940-6	AP MW-1	87.4	82.6
LCS 160-753286/2-A	Lab Control Sample	84.1	83.7
MB 160-753286/1-A	Method Blank	82.4	79.3

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-287704/3
Matrix: Water
Analysis Batch: 287704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			01/13/26 10:39	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 10:39	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/13/26 10:39	1

Lab Sample ID: LCS 860-287704/4
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.053		mg/L		91	90 - 110
Fluoride	10.0	9.558		mg/L		96	90 - 110
Sulfate	10.0	9.107		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-287704/5
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.021		mg/L		90	90 - 110	0	20
Fluoride	10.0	9.568		mg/L		96	90 - 110	0	20
Sulfate	10.0	9.138		mg/L		91	90 - 110	0	20

Lab Sample ID: LLCS 860-287704/53
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5569		mg/L		111	50 - 150
Fluoride	0.500	0.3255	J	mg/L		65	50 - 150
Sulfate	0.500	0.5126		mg/L		103	50 - 150

Lab Sample ID: 870-42940-4 MS
Matrix: Water
Analysis Batch: 287704

Client Sample ID: AP MW-3D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	236		10.0	245.0	4	mg/L		91	90 - 110
Fluoride	<0.100	U F1	10.0	7.608	F1	mg/L		76	90 - 110

Lab Sample ID: 870-42940-4 MSD
Matrix: Water
Analysis Batch: 287704

Client Sample ID: AP MW-3D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	236		10.0	253.1	4	mg/L		172	90 - 110	3	15
Fluoride	<0.100	U F1	10.0	8.124	F1	mg/L		81	90 - 110	7	15

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-288043/62
Matrix: Water
Analysis Batch: 288043

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			01/14/26 15:58	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/14/26 15:58	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/14/26 15:58	1

Lab Sample ID: LCS 860-288043/63
Matrix: Water
Analysis Batch: 288043

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.797		mg/L		98	90 - 110
Fluoride	10.0	10.16		mg/L		102	90 - 110
Sulfate	10.0	9.756		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-288043/64
Matrix: Water
Analysis Batch: 288043

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.591		mg/L		96	90 - 110	2	20
Fluoride	10.0	9.973		mg/L		100	90 - 110	2	20
Sulfate	10.0	9.546		mg/L		95	90 - 110	2	20

Lab Sample ID: LLCS 860-288043/66
Matrix: Water
Analysis Batch: 288043

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6488		mg/L		130	50 - 150
Fluoride	0.500	0.5501		mg/L		110	50 - 150
Sulfate	0.500	0.5780		mg/L		116	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-287477/1-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/12/26 13:30	01/13/26 12:51	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/12/26 13:30	01/13/26 12:51	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/12/26 13:30	01/13/26 12:51	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/12/26 13:30	01/13/26 12:51	1
Sodium	<0.152	U	0.500	0.152	mg/L		01/12/26 13:30	01/13/26 12:51	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		01/12/26 13:30	01/13/26 12:51	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-287477/2-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287477

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.020		mg/L		102	80 - 120		
Calcium			25.0	25.80		mg/L		103	80 - 120		
Magnesium			25.0	24.80		mg/L		99	80 - 120		
Potassium			10.0	9.950		mg/L		100	80 - 120		
Sodium			25.0	25.00		mg/L		100	80 - 120		
Lithium			1.00	0.9630		mg/L		96	80 - 120		

Lab Sample ID: LCSD 860-287477/3-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287477

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.020		mg/L		102	80 - 120	0	20
Calcium			25.0	25.90		mg/L		104	80 - 120	0	20
Magnesium			25.0	24.80		mg/L		99	80 - 120	0	20
Potassium			10.0	9.970		mg/L		100	80 - 120	0	20
Sodium			25.0	25.00		mg/L		100	80 - 120	0	20
Lithium			1.00	0.9620		mg/L		96	80 - 120	0	20

Lab Sample ID: MB 860-287752/1-A
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/13/26 11:00	01/13/26 18:53	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/13/26 11:00	01/13/26 18:53	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/13/26 11:00	01/13/26 18:53	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		01/13/26 11:00	01/13/26 18:53	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/13/26 11:00	01/13/26 18:53	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/13/26 11:00	01/13/26 18:53	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/13/26 11:00	01/13/26 18:53	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/13/26 11:00	01/13/26 18:53	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/13/26 11:00	01/13/26 18:53	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		01/13/26 11:00	01/13/26 18:53	1
Iron	<0.0283	U	0.200	0.0283	mg/L		01/13/26 11:00	01/13/26 18:53	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/13/26 11:00	01/13/26 18:53	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/13/26 11:00	01/13/26 18:53	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/13/26 11:00	01/13/26 18:53	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/13/26 11:00	01/13/26 18:53	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		01/13/26 11:00	01/13/26 18:53	1
Sodium	<0.152	U	0.500	0.152	mg/L		01/13/26 11:00	01/13/26 18:53	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/13/26 11:00	01/13/26 18:53	1
Li	<0.0174	U	0.0400	0.0174	mg/L		01/13/26 11:00	01/13/26 18:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-287752/2-A
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	5.150		mg/L		103	80 - 120
Antimony	1.00	1.030		mg/L		103	80 - 120
Arsenic	1.00	1.090		mg/L		109	80 - 120
Barium	1.00	1.060		mg/L		106	80 - 120
Beryllium	1.00	1.080		mg/L		108	80 - 120
Boron	1.00	1.020		mg/L		102	80 - 120
Cadmium	1.00	1.020		mg/L		102	80 - 120
Calcium	25.0	25.70		mg/L		103	80 - 120
Chromium	1.00	1.050		mg/L		105	80 - 120
Cobalt	1.00	1.070		mg/L		107	80 - 120
Iron	5.00	5.520		mg/L		110	80 - 120
Lead	1.00	1.020		mg/L		102	80 - 120
Magnesium	25.0	24.60		mg/L		98	80 - 120
Molybdenum	1.00	1.100		mg/L		110	80 - 120
Potassium	10.0	9.850		mg/L		99	80 - 120
Selenium	1.00	1.010		mg/L		101	80 - 120
Sodium	25.0	24.70		mg/L		99	80 - 120
Thallium	1.00	1.070		mg/L		107	80 - 120
Li	1.00	0.9770		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-287752/3-A
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287752

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	5.140		mg/L		103	80 - 120	0	20
Antimony	1.00	1.040		mg/L		104	80 - 120	1	20
Arsenic	1.00	1.090		mg/L		109	80 - 120	0	20
Barium	1.00	1.060		mg/L		106	80 - 120	0	20
Beryllium	1.00	1.080		mg/L		108	80 - 120	0	20
Boron	1.00	1.020		mg/L		102	80 - 120	0	20
Cadmium	1.00	1.020		mg/L		102	80 - 120	0	20
Calcium	25.0	25.70		mg/L		103	80 - 120	0	20
Chromium	1.00	1.050		mg/L		105	80 - 120	0	20
Cobalt	1.00	1.070		mg/L		107	80 - 120	0	20
Iron	5.00	5.520		mg/L		110	80 - 120	0	20
Lead	1.00	1.020		mg/L		102	80 - 120	0	20
Magnesium	25.0	24.60		mg/L		98	80 - 120	0	20
Molybdenum	1.00	1.110		mg/L		111	80 - 120	1	20
Potassium	10.0	9.840		mg/L		98	80 - 120	0	20
Selenium	1.00	1.040		mg/L		104	80 - 120	3	20
Sodium	25.0	24.60		mg/L		98	80 - 120	0	20
Thallium	1.00	1.070		mg/L		107	80 - 120	0	20
Li	1.00	0.9670		mg/L		97	80 - 120	1	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 860-287404/1-C
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 287752

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.176	U	1.00	0.176	mg/L		01/13/26 11:00	01/13/26 18:59	1
Antimony	<0.0402	U	0.100	0.0402	mg/L		01/13/26 11:00	01/13/26 18:59	1
Arsenic	<0.0325	U	0.0500	0.0325	mg/L		01/13/26 11:00	01/13/26 18:59	1
Barium	<0.00625	U	0.0500	0.00625	mg/L		01/13/26 11:00	01/13/26 18:59	1
Beryllium	<0.00535	U	0.0200	0.00535	mg/L		01/13/26 11:00	01/13/26 18:59	1
Boron	<0.0809	U	0.250	0.0809	mg/L		01/13/26 11:00	01/13/26 18:59	1
Cadmium	<0.00416	U	0.0250	0.00416	mg/L		01/13/26 11:00	01/13/26 18:59	1
Calcium	<0.508	U	1.00	0.508	mg/L		01/13/26 11:00	01/13/26 18:59	1
Chromium	<0.0108	U	0.0500	0.0108	mg/L		01/13/26 11:00	01/13/26 18:59	1
Cobalt	<0.00615	U	0.0500	0.00615	mg/L		01/13/26 11:00	01/13/26 18:59	1
Iron	<0.141	U	1.00	0.141	mg/L		01/13/26 11:00	01/13/26 18:59	1
Lead	<0.0184	U	0.0500	0.0184	mg/L		01/13/26 11:00	01/13/26 18:59	1
Magnesium	<0.222	U	1.00	0.222	mg/L		01/13/26 11:00	01/13/26 18:59	1
Molybdenum	0.01515	J	0.0500	0.0130	mg/L		01/13/26 11:00	01/13/26 18:59	1
Potassium	<0.530	U	2.50	0.530	mg/L		01/13/26 11:00	01/13/26 18:59	1
Selenium	<0.0464	U	0.150	0.0464	mg/L		01/13/26 11:00	01/13/26 18:59	1
Sodium	<0.759	U	2.50	0.759	mg/L		01/13/26 11:00	01/13/26 18:59	1
Thallium	<0.0551	U	0.100	0.0551	mg/L		01/13/26 11:00	01/13/26 18:59	1
Li	<0.0868	U	0.200	0.0868	mg/L		01/13/26 11:00	01/13/26 18:59	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-287409/1-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 22:41	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 22:41	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 22:41	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 22:41	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 22:41	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 22:41	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 22:41	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 22:41	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 22:41	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 22:41	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 22:41	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 22:41	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 22:41	1

Lab Sample ID: LCS 860-287409/2-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5066		mg/L		101	80 - 120
Antimony	0.100	0.09984		mg/L		100	80 - 120
Arsenic	0.100	0.09365		mg/L		94	80 - 120

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

Lab Sample ID: LCS 860-287409/2-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.1020		mg/L		102	80 - 120
Beryllium	0.100	0.09809		mg/L		98	80 - 120
Cadmium	0.100	0.09507		mg/L		95	80 - 120
Chromium	0.100	0.09828		mg/L		98	80 - 120
Cobalt	0.100	0.09763		mg/L		98	80 - 120
Iron	0.500	0.4940		mg/L		99	80 - 120
Lead	0.100	0.1020		mg/L		102	80 - 120
Molybdenum	0.100	0.09882		mg/L		99	80 - 120
Selenium	0.100	0.08896		mg/L		89	80 - 120
Thallium	0.100	0.1028		mg/L		103	80 - 120

Lab Sample ID: LCSD 860-287409/3-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287409

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5036		mg/L		101	80 - 120	1	20
Antimony	0.100	0.09901		mg/L		99	80 - 120	1	20
Arsenic	0.100	0.09281		mg/L		93	80 - 120	1	20
Barium	0.100	0.1013		mg/L		101	80 - 120	1	20
Beryllium	0.100	0.09871		mg/L		99	80 - 120	1	20
Cadmium	0.100	0.09427		mg/L		94	80 - 120	1	20
Chromium	0.100	0.09697		mg/L		97	80 - 120	1	20
Cobalt	0.100	0.09657		mg/L		97	80 - 120	1	20
Iron	0.500	0.4857		mg/L		97	80 - 120	2	20
Lead	0.100	0.1018		mg/L		102	80 - 120	0	20
Molybdenum	0.100	0.09683		mg/L		97	80 - 120	2	20
Selenium	0.100	0.08747		mg/L		87	80 - 120	2	20
Thallium	0.100	0.1020		mg/L		102	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-287775/10-A
Matrix: Water
Analysis Batch: 287971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 19:58	1

Lab Sample ID: LCS 860-287775/11-A
Matrix: Water
Analysis Batch: 287971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002013		mg/L		101	80 - 120

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

Lab Sample ID: LCSD 860-287775/12-A
Matrix: Water
Analysis Batch: 287971

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287775

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.002031		mg/L		102	80 - 120	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-288325/3
Matrix: Water
Analysis Batch: 288325

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			01/14/26 11:30	1

Lab Sample ID: MB 860-288325/34
Matrix: Water
Analysis Batch: 288325

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			01/14/26 14:27	1

Lab Sample ID: LCS 860-288325/35
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	249.0		mg/L		100	85 - 115		

Lab Sample ID: LCS 860-288325/5
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	248.3		mg/L		99	85 - 115		

Lab Sample ID: LCSD 860-288325/36
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	249.0		mg/L		100	85 - 115	1	20

Lab Sample ID: LCSD 860-288325/6
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	246.5		mg/L		99	85 - 115	1	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LLCS 860-288325/4
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	4.837		mg/L		121	50 - 150		

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

Lab Sample ID: MB 870-34769/1
Matrix: Water
Analysis Batch: 34769

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	<2.50	U	2.50	2.50	mg/L			01/09/26 14:29	1

Lab Sample ID: LCS 870-34769/2
Matrix: Water
Analysis Batch: 34769

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			1000	893.0		mg/L		89	80 - 120		

Lab Sample ID: LCSD 870-34769/3
Matrix: Water
Analysis Batch: 34769

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	934.0		mg/L		93	80 - 120	4	10

Lab Sample ID: 870-42940-5 DU
Matrix: Water
Analysis Batch: 34769

Client Sample ID: EB2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3.50			3.500		mg/L				0	10

Lab Sample ID: 870-42940-6 DU
Matrix: Water
Analysis Batch: 34769

Client Sample ID: AP MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1310			1330		mg/L				1	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-42940-5 DU
Matrix: Water
Analysis Batch: 34768

Client Sample ID: EB2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	5.3	HF		5.3		SU				0.2	20
Temperature	20.1	HF		20.1		Celsius				0	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-753160/1-A
Matrix: Water
Analysis Batch: 755898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753160

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.39	U	19.9	20.0	50.0	31.0	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Radium-228	8.539	U	27.6	27.6	50.0	46.2	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Combined Radium 226 + 228	29.92	U	34.0	34.1		46.2	pCi/L	01/09/26 14:01	01/30/26 01:34	1

Lab Sample ID: LCS 160-753160/2-A
Matrix: Water
Analysis Batch: 755899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753160

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	147400		15100		517	pCi/L	104	75 - 125
Cesium-137	37400	36390		3570		239	pCi/L	97	75 - 125
Cobalt-60	49100	48140		4700		162	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-753285/1-A
Matrix: Water
Analysis Batch: 756254

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753285

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.005486	U	0.0638	0.0638	1.00	0.135	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Lab Sample ID: LCS 160-753285/2-A
Matrix: Water
Analysis Batch: 756254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753285

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	10.20		1.10	1.00	0.116	pCi/L	107	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-753286/1-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753286

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2590	U	0.411	0.412	1.00	0.698	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-753286/1-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753286

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	82.4		30 - 110	01/12/26 07:59	01/28/26 11:35	1
Y Carrier	79.3		30 - 110	01/12/26 07:59	01/28/26 11:35	1

Lab Sample ID: LCS 160-753286/2-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753286

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.74	10.59		1.45	1.00	0.696	pCi/L	137	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.1		30 - 110
Y Carrier	83.7		30 - 110

HPLC/IC

Analysis Batch: 287704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	9056A	
870-42940-1	AP MW-7S	Total/NA	Water	9056A	
870-42940-2	AP MW-7D	Total/NA	Water	9056A	
870-42940-2	AP MW-7D	Total/NA	Water	9056A	
870-42940-3	AP MW-5D	Total/NA	Water	9056A	
870-42940-3	AP MW-5D	Total/NA	Water	9056A	
870-42940-4	AP MW-3D	Total/NA	Water	9056A	
870-42940-4	AP MW-3D	Total/NA	Water	9056A	
870-42940-5	EB2	Total/NA	Water	9056A	
870-42940-6	AP MW-1	Total/NA	Water	9056A	
870-42940-6	AP MW-1	Total/NA	Water	9056A	
MB 860-287704/3	Method Blank	Total/NA	Water	9056A	
LCS 860-287704/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-287704/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-287704/53	Lab Control Sample	Total/NA	Water	9056A	
870-42940-4 MS	AP MW-3D	Total/NA	Water	9056A	
870-42940-4 MSD	AP MW-3D	Total/NA	Water	9056A	

Analysis Batch: 288043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-5	EB2	Total/NA	Water	9056A	
MB 860-288043/62	Method Blank	Total/NA	Water	9056A	
LCS 860-288043/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-288043/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-288043/66	Lab Control Sample	Total/NA	Water	9056A	

Metals

Leach Batch: 287404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-287404/1-C	Method Blank	Dissolved	Water	1311	

Prep Batch: 287409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	3010A	
870-42940-2	AP MW-7D	Total/NA	Water	3010A	
870-42940-3	AP MW-5D	Total/NA	Water	3010A	
870-42940-4	AP MW-3D	Total/NA	Water	3010A	
870-42940-5	EB2	Total/NA	Water	3010A	
870-42940-6	AP MW-1	Total/NA	Water	3010A	
MB 860-287409/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287409/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287409/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 287477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	3010A	
870-42940-2	AP MW-7D	Total/NA	Water	3010A	
870-42940-3	AP MW-5D	Total/NA	Water	3010A	
870-42940-4	AP MW-3D	Total/NA	Water	3010A	
870-42940-5	EB2	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 287477 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-6	AP MW-1	Total/NA	Water	3010A	
MB 860-287477/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287477/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287477/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 287752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-2	AP MW-7D	Dissolved	Water	3010A	
LB 860-287404/1-C	Method Blank	Dissolved	Water	3010A	287404
MB 860-287752/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287752/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287752/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 287775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	7470A	
870-42940-2	AP MW-7D	Dissolved	Water	7470A	
870-42940-2	AP MW-7D	Total/NA	Water	7470A	
870-42940-3	AP MW-5D	Total/NA	Water	7470A	
870-42940-4	AP MW-3D	Total/NA	Water	7470A	
870-42940-5	EB2	Total/NA	Water	7470A	
870-42940-6	AP MW-1	Total/NA	Water	7470A	
MB 860-287775/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-287775/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-287775/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 287784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	6010D	287477
870-42940-2	AP MW-7D	Total/NA	Water	6010D	287477
870-42940-3	AP MW-5D	Total/NA	Water	6010D	287477
870-42940-4	AP MW-3D	Total/NA	Water	6010D	287477
870-42940-5	EB2	Total/NA	Water	6010D	287477
870-42940-6	AP MW-1	Total/NA	Water	6010D	287477
MB 860-287477/1-A	Method Blank	Total/NA	Water	6010D	287477
LCS 860-287477/2-A	Lab Control Sample	Total/NA	Water	6010D	287477
LCSD 860-287477/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	287477

Analysis Batch: 287842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	6020B	287409
870-42940-1	AP MW-7S	Total/NA	Water	6020B	287409
870-42940-2	AP MW-7D	Total/NA	Water	6020B	287409
870-42940-3	AP MW-5D	Total/NA	Water	6020B	287409
870-42940-3	AP MW-5D	Total/NA	Water	6020B	287409
870-42940-4	AP MW-3D	Total/NA	Water	6020B	287409
870-42940-5	EB2	Total/NA	Water	6020B	287409
870-42940-6	AP MW-1	Total/NA	Water	6020B	287409
MB 860-287409/1-A	Method Blank	Total/NA	Water	6020B	287409
LCS 860-287409/2-A	Lab Control Sample	Total/NA	Water	6020B	287409
LCSD 860-287409/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	287409

Metals

Analysis Batch: 287971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	7470A	287775
870-42940-2	AP MW-7D	Dissolved	Water	7470A	287775
870-42940-2	AP MW-7D	Total/NA	Water	7470A	287775
870-42940-3	AP MW-5D	Total/NA	Water	7470A	287775
870-42940-4	AP MW-3D	Total/NA	Water	7470A	287775
870-42940-5	EB2	Total/NA	Water	7470A	287775
870-42940-6	AP MW-1	Total/NA	Water	7470A	287775
MB 860-287775/10-A	Method Blank	Total/NA	Water	7470A	287775
LCS 860-287775/11-A	Lab Control Sample	Total/NA	Water	7470A	287775
LCSD 860-287775/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	287775

Analysis Batch: 288040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-2	AP MW-7D	Dissolved	Water	6010D	287752
LB 860-287404/1-C	Method Blank	Dissolved	Water	6010D	287752
MB 860-287752/1-A	Method Blank	Total/NA	Water	6010D	287752
LCS 860-287752/2-A	Lab Control Sample	Total/NA	Water	6010D	287752
LCSD 860-287752/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	287752

General Chemistry

Analysis Batch: 34768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	SM 4500 H+ B	
870-42940-2	AP MW-7D	Total/NA	Water	SM 4500 H+ B	
870-42940-3	AP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-42940-4	AP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-42940-5	EB2	Total/NA	Water	SM 4500 H+ B	
870-42940-5 DU	EB2	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 34769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	SM 2540C	
870-42940-2	AP MW-7D	Total/NA	Water	SM 2540C	
870-42940-3	AP MW-5D	Total/NA	Water	SM 2540C	
870-42940-4	AP MW-3D	Total/NA	Water	SM 2540C	
870-42940-5	EB2	Total/NA	Water	SM 2540C	
870-42940-6	AP MW-1	Total/NA	Water	SM 2540C	
MB 870-34769/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-34769/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-34769/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-42940-5 DU	EB2	Total/NA	Water	SM 2540C	
870-42940-6 DU	AP MW-1	Total/NA	Water	SM 2540C	

Analysis Batch: 34805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-6	AP MW-1	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 288325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 288325 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-2	AP MW-7D	Total/NA	Water	SM 2320B	
870-42940-3	AP MW-5D	Total/NA	Water	SM 2320B	
870-42940-4	AP MW-3D	Total/NA	Water	SM 2320B	
870-42940-5	EB2	Total/NA	Water	SM 2320B	
870-42940-6	AP MW-1	Total/NA	Water	SM 2320B	
MB 860-288325/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-288325/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-288325/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-288325/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-288325/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-288325/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-288325/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 753160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	Fill_Geo-21	
870-42940-2	AP MW-7D	Total/NA	Water	Fill_Geo-21	
870-42940-3	AP MW-5D	Total/NA	Water	Fill_Geo-21	
870-42940-4	AP MW-3D	Total/NA	Water	Fill_Geo-21	
870-42940-5	EB2	Total/NA	Water	Fill_Geo-21	
870-42940-6	AP MW-1	Total/NA	Water	Fill_Geo-21	
MB 160-753160/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-753160/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 753285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	PrecSep-21	
870-42940-2	AP MW-7D	Total/NA	Water	PrecSep-21	
870-42940-3	AP MW-5D	Total/NA	Water	PrecSep-21	
870-42940-4	AP MW-3D	Total/NA	Water	PrecSep-21	
870-42940-5	EB2	Total/NA	Water	PrecSep-21	
870-42940-6	AP MW-1	Total/NA	Water	PrecSep-21	
MB 160-753285/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-753285/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 753286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	PrecSep_0	
870-42940-2	AP MW-7D	Total/NA	Water	PrecSep_0	
870-42940-3	AP MW-5D	Total/NA	Water	PrecSep_0	
870-42940-4	AP MW-3D	Total/NA	Water	PrecSep_0	
870-42940-5	EB2	Total/NA	Water	PrecSep_0	
870-42940-6	AP MW-1	Total/NA	Water	PrecSep_0	
MB 160-753286/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-753286/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-7S
Lab Sample ID: 870-42940-1
Date Collected: 01/06/26 08:40
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 14:53	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 15:03	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:26	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:53	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			287842	01/12/26 23:56	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:52	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:59	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755905	01/30/26 02:41	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.59 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.59 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 14:33	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 14:43	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	287752	01/13/26 11:00	MD	EET HOU
Dissolved	Analysis	6010D		1			288040	01/13/26 19:36	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:59	DP	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Dissolved	Analysis	7470A		1			287971	01/13/26 21:19	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:56	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 15:11	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755902	01/30/26 02:41	ASA	EET SL

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.67 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.67 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-5D
Lab Sample ID: 870-42940-3
Date Collected: 01/06/26 14:15
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 15:13	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 15:23	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			287842	01/13/26 00:05	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:59	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:27	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755906	01/30/26 02:42	ASA	EET SL
Total/NA	Prep	PrecSep-21			751.67 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.67 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 15:33	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 15:43	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:14	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 21:02	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:54	VS	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755899	01/30/26 03:46	ASA	EET SL
Total/NA	Prep	PrecSep-21			751.01 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.01 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: EB2
Lab Sample ID: 870-42940-5
Date Collected: 01/06/26 12:15
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 16:33	RJD	EET HOU
Total/NA	Analysis	9056A		1			288043	01/14/26 20:14	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:08	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 21:06	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:30	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755904	01/30/26 03:46	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.23 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.23 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6
Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 16:53	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 17:03	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:32	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:11	DP	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1
Date Collected: 01/06/26 16:00
Date Received: 01/08/26 10:06

Lab Sample ID: 870-42940-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 21:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:34	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34805	01/12/26 15:04	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755906	01/30/26 03:47	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.66 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.66 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-42940-1	AP MW-7S	Water	01/06/26 08:40	01/08/26 10:06	Texas
870-42940-2	AP MW-7D	Water	01/06/26 11:00	01/08/26 10:06	Texas
870-42940-3	AP MW-5D	Water	01/06/26 14:15	01/08/26 10:06	Texas
870-42940-4	AP MW-3D	Water	01/06/26 16:40	01/08/26 10:06	Texas
870-42940-5	EB2	Water	01/06/26 12:15	01/08/26 10:06	Texas
870-42940-6	AP MW-1	Water	01/06/26 16:00	01/08/26 10:06	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

2/12/2026

Client Information	Sampler: WRC	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15501-5258.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page: Page
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Appendix III/IV	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	Total 6010D, 6020B, 7470A	Dissolved Field Filtered 6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP MW-7S	01/06/26	0840	G	W			X	X	X	X	X	X		X	X		
AP MW-7D		1100	G	W	Y		X	X	X	X	X	X	X	X	X		
AP MW-5D		1415	G	W			X	X	X	X	X	X		X	X		
AP MW-3D		1640	G	W			X	X	X	X	X	X		X	X		
EB2		1215	G	W			X	X	X	X	X	X		X	X		
AP MW-1		1600	G	W			X	X	X	X	X	X		X	X		

870-42940 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8875 1226 7018,7029		
Relinquished by: [signature]	Date/Time: 01/07/26 1500	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 1/8/26 10:06	Company	Received by: [signature]	Date/Time: 1/8/26 10:06	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: 0.8/0.7, 0.8/0.7 TH/M027 CF-0.1

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9741.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-42940-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/15/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW-7S (870-42940-1)	1/6/26	08:40 Central	G	Water			X	X	X	2	
AP MW-6D (870-42940-2)	1/6/26	11:00 Central	G	Water			X	X	X	2	
AP MW-5D (870-42940-3)	1/6/26	14:15 Central	G	Water			X	X	X	2	
AP MW-3D (870-42940-4)	1/6/26	16:40 Central	G	Water			X	X	X	2	
EB2 (870-42940-5)	1/6/26	12:15 Central	G	Water			X	X	X	2	
AP MW-1 (870-42940-6)	1/6/26	16:00 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			FEDEX		
Relinquished by:	Date/Time: 01/08/26 1700	Company	Received by: JAN 08 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time: 0820 JAN 09 2026	Company ETA SAL

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

Ver: 10/10/2024

2/12/2026

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone. 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9742 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-42940-1
Address: 4145 Greenbriar Dr	Due Date Requested: 1/14/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7473A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
AP MW-7S (870-42940-1)	1/6/26	08:40 Central	G	Water			X	X	X	X	X			6	
AP MW-6D (870-42940-2)	1/6/26	11:00 Central	G	Water			X	X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg
AP MW-5D (870-42940-3)	1/6/26	14:15 Central	G	Water			X	X	X	X	X			3	
AP MW-3D (870-42940-4)	1/6/26	16:40 Central	G	Water			X	X	X	X	X			3	
EB2 (870-42940-5)	1/6/26	12:15 Central	G	Water			X	X	X	X	X			3	
AP MW-1 (870-42940-6)	1/6/26	16:00 Central	G	Water			X	X	X	X	X			3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: TPX	Date/Time:	Company	Received by:	Date/Time: 1-9-26 0800	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: IR HOU-368 3.5°

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42940-1

Login Number: 42940
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42940-1

Login Number: 42940
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 01/09/26 09:04 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42940-1

Login Number: 42940
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 01/09/26 11:41 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 2/12/2026 10:05:19 AM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-42940-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

my EOL

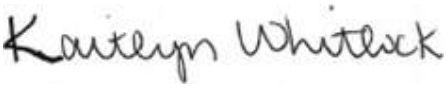
Eurofins Dallas

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
2/12/2026 10:05:19 AM

Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 18
QC Sample Results 19
QC Association Summary 29
Lab Chronicle 33
Certification Summary 37
Method Summary 38
Sample Summary 39
Chain of Custody 40
Receipt Checklists 43

Definitions/Glossary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-42940-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 1/8/2026 10:06 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 0.7°C and 0.7°C.

HPLC/IC
Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-287704 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.

Method 9056A: The continuing calibration blank (CCB) for analytical batch 860-287704 contained Sulfate above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

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

Metals
Method 6010D: The following samples were diluted due to the nature of the sample matrix: AP MW-7S (870-42940-1), AP MW-7D (870-42940-2), AP MW-5D (870-42940-3), AP MW-3D (870-42940-4), EB2 (870-42940-5) and AP MW-1 (870-42940-6). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples AP MW-7S (870-42940-1), AP MW-7D (870-42940-2), AP MW-5D (870-42940-3), AP MW-3D (870-42940-4) and EB2 (870-42940-5) was/were received outside of holding time.

Method SM 4500 H+ B: Sample AP MW-1 (870-42940-6) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 753160

The detection goal was not met for Ra228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent "force-fit" of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the activity is well below the RL and MDC.

AP MW-7S (870-42940-1), AP MW-7D (870-42940-2), AP MW-5D (870-42940-3), AP MW-3D (870-42940-4), EB2 (870-42940-5), AP MW-1 (870-42940-6) and (870-42939-B-1-B DU)

Method 901.1: Gamma Batch 753160

Job ID: 870-42940-1 (Continued) Eurofins Dallas

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

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

Gas Flow Proportional Counter
Method 904.0: Radium-228 batch 753286
The LCS recovered at (137%). The limits in our LIMS system at 75-125 reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of (68%-154%) per method requirements. The LCS passes, no further action is required

(LCS 160-753286/2-A)

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

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-7S
Lab Sample ID: 870-42940-1
Date Collected: 01/06/26 08:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**369**		0.500	0.250	mg/L			01/13/26 14:53	1
Fluoride	**2.70**		0.500	0.100	mg/L			01/13/26 14:53	1
Sulfate	**3170**		5.00	2.00	mg/L			01/13/26 15:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.63**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:26	5
Calcium	**600**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:26	5
Magnesium	**190**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:26	5
Potassium	**66.0**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:26	5
Sodium	**945**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:26	5
Lithium	**1.28**		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:26	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7.00**		0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:53	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:53	1
Arsenic	**0.0165**		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:53	1
Barium	**0.0252**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:53	1
Beryllium	**0.0968**		0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:53	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:53	1
Chromium	**0.00385**	**J**	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:53	1
Cobalt	**0.0407**		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:53	1
Iron	**17.3**		0.100	0.0223	mg/L		01/12/26 10:00	01/12/26 23:56	5
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:53	1
Molybdenum	**0.000349**	**J**	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:53	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:53	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:52	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 13:59	1
Total Dissolved Solids (SM 2540C)	**5120**		20.0	20.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**6.9**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**19.2**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**34.2**		22.0	22.2	50.0	29.8	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Radium-228	-10.0	U G	29.8	29.8	50.0	54.0	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Combined Radium 226 + 228	24.2	U	37.0	37.2		54.0	pCi/L	01/09/26 14:01	01/30/26 02:41	1

Client Sample ID: AP MW-7S
Lab Sample ID: 870-42940-1
Date Collected: 01/06/26 08:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.858**		0.181	0.197	1.00	0.119	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.08**		0.551	0.583	1.00	0.604	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.1*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*81.5*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1020**		5.00	2.50	mg/L			01/13/26 14:43	10
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 14:33	1
Sulfate	**1170**		5.00	2.00	mg/L			01/13/26 14:43	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.12**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:28	5
Calcium	**443**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:28	5
Magnesium	**66.0**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:28	5
Potassium	**49.7**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:28	5
Sodium	**805**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:28	5
Lithium	**0.530**		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:28	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/13/26 11:00	01/13/26 19:36	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/13/26 11:00	01/13/26 19:36	1
Arsenic	**0.0119**		0.0100	0.00650	mg/L		01/13/26 11:00	01/13/26 19:36	1
Barium	**0.0480**		0.0100	0.00125	mg/L		01/13/26 11:00	01/13/26 19:36	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/13/26 11:00	01/13/26 19:36	1
Boron	**0.962**		0.0500	0.0162	mg/L		01/13/26 11:00	01/13/26 19:36	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/13/26 11:00	01/13/26 19:36	1
Calcium	**363**		0.200	0.102	mg/L		01/13/26 11:00	01/13/26 19:36	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/13/26 11:00	01/13/26 19:36	1
Cobalt	**0.00264**	**J**	0.0100	0.00123	mg/L		01/13/26 11:00	01/13/26 19:36	1
Iron	**1.34**		0.200	0.0283	mg/L		01/13/26 11:00	01/13/26 19:36	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/13/26 11:00	01/13/26 19:36	1
Magnesium	**56.3**		0.200	0.0445	mg/L		01/13/26 11:00	01/13/26 19:36	1

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2

Date Collected: 01/06/26 11:00
Matrix: Water

Date Received: 01/08/26 10:06

Method: SW846 6010D - Metals (ICP) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/13/26 11:00	01/13/26 19:36	1
Potassium	**46.5**		0.500	0.106	mg/L		01/13/26 11:00	01/13/26 19:36	1
Selenium	**0.0114**	**J**	0.0300	0.00927	mg/L		01/13/26 11:00	01/13/26 19:36	1
Sodium	**679**		0.500	0.152	mg/L		01/13/26 11:00	01/13/26 19:36	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/13/26 11:00	01/13/26 19:36	1
Li	**0.465**		0.0400	0.0174	mg/L		01/13/26 11:00	01/13/26 19:36	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0173**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 23:59	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 23:59	1
Arsenic	**0.0125**		0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 23:59	1
Barium	**0.0520**		0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 23:59	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 23:59	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 23:59	1
Chromium	**0.00154**	**J**	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 23:59	1
Cobalt	**0.00239**		0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 23:59	1
Iron	**1.22**		0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 23:59	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 23:59	1
Molybdenum	**0.00906**		0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 23:59	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 23:59	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 23:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:56	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**247**		4.00	4.00	mg/L			01/14/26 15:11	1
Total Dissolved Solids (SM 2540C)	**3440**		20.0	20.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**6.9**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**19.8**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	26.5	U	24.4	24.6	50.0	41.5	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Radium-228	21.5	U G	38.3	38.4	50.0	60.7	pCi/L	01/09/26 14:01	01/30/26 02:41	1
Combined Radium 226 + 228	48.0	U	45.4	45.6		60.7	pCi/L	01/09/26 14:01	01/30/26 02:41	1

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.454		0.139	0.145	1.00	0.118	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.55		0.537	0.555	1.00	0.671	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*77.8*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-5D
Lab Sample ID: 870-42940-3
Date Collected: 01/06/26 14:15
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		5.00	2.50	mg/L			01/13/26 15:23	10
Fluoride	4.00		0.500	0.100	mg/L			01/13/26 15:13	1
Sulfate	3000		5.00	2.00	mg/L			01/13/26 15:23	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.71		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:29	5
Calcium	725		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:29	5
Magnesium	226		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:29	5
Potassium	83.0		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:29	5
Sodium	1460		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:29	5
Lithium	1.38		0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:29	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	27.2		0.100	0.0275	mg/L		01/12/26 10:00	01/13/26 00:05	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:02	1
Arsenic	0.0146		0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:02	1
Barium	0.0167		0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:02	1
Beryllium	0.129		0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:02	1
Cadmium	0.00249		0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:02	1
Chromium	0.000664	J	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:02	1
Cobalt	0.0504		0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:02	1
Iron	6.27		0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:02	1
Lead	0.000836	J	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:02	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:02	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:02	1
Thallium	0.000757	J	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:02	1

Client Sample ID: AP MW-5D
Lab Sample ID: 870-42940-3
Date Collected: 01/06/26 14:15
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 20:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 13:27	1
Total Dissolved Solids (SM 2540C)	**6360**		20.0	20.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**3.9**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**18.6**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**56.3**		26.1	26.6	50.0	33.8	pCi/L	01/09/26 14:01	01/30/26 02:42	1
Radium-228	-8.36	U G	42.6	42.6	50.0	73.2	pCi/L	01/09/26 14:01	01/30/26 02:42	1
Combined Radium 226 + 228	47.9	U	50.0	50.2		73.2	pCi/L	01/09/26 14:01	01/30/26 02:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.699**		0.197	0.207	1.00	0.166	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.26**		0.902	0.983	1.00	0.943	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*79.6*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**236**		0.500	0.250	mg/L			01/13/26 15:33	1
Fluoride	<0.100	U F1	0.500	0.100	mg/L			01/13/26 15:33	1
Sulfate	**768**		5.00	2.00	mg/L			01/13/26 15:43	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.96**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:44	5
Calcium	**255**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:44	5
Magnesium	**32.6**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:44	5

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4

Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**25.1**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:44	5
Sodium	**338**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:44	5
Lithium	**0.180**	**J**	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:44	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.324**		0.0200	0.00549	mg/L		01/12/26 10:00	01/13/26 00:14	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:14	1
Arsenic	**0.00745**		0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:14	1
Barium	**0.0309**		0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:14	1
Beryllium	**0.00141**	**J**	0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:14	1
Cadmium	**0.000628**	**J**	0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:14	1
Chromium	**0.00117**	**J**	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:14	1
Cobalt	**0.0328**		0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:14	1
Iron	**2.19**		0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:14	1
Lead	**0.000576**	**J**	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:14	1
Molybdenum	**0.000897**	**J**	0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:14	1
Selenium	**0.00167**	**J**	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:14	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:14	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**17.1**		4.00	4.00	mg/L			01/14/26 13:54	1
Total Dissolved Solids (SM 2540C)	**1510**		10.0	10.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**5.4**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**19.4**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**33.9**		22.0	22.3	50.0	30.1	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Radium-228	-31.0	U G	45.7	45.8	50.0	87.8	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Combined Radium 226 + 228	2.88	U	50.7	50.9		87.8	pCi/L	01/09/26 14:01	01/30/26 03:46	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.522**		0.182	0.188	1.00	0.162	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.5*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.40**		0.696	0.707	1.00	0.967	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.5*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*76.3*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: EB2
Lab Sample ID: 870-42940-5
Date Collected: 01/06/26 12:15
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2.18**		0.500	0.250	mg/L			01/14/26 20:14	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 16:33	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/13/26 16:33	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0809	U	0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:31	5
Calcium	<0.508	U	1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:31	5
Magnesium	<0.222	U	1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:31	5
Potassium	<0.530	U	2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:31	5
Sodium	**1.81**	**J**	2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:31	5
Lithium	<0.0868	U	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:31	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00574**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/13/26 00:08	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:08	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:08	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:08	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:08	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:08	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:08	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:08	1
Iron	**0.00471**	**J**	0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:08	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:08	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:08	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:08	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:06	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			01/14/26 13:30	1
Total Dissolved Solids (SM 2540C)	**3.50**		2.50	2.50	mg/L			01/09/26 14:29	1

Client Sample ID: EB2
Lab Sample ID: 870-42940-5
Date Collected: 01/06/26 12:15
Matrix: Water
Date Received: 01/08/26 10:06

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	**5.3**	**HF**			SU			01/09/26 14:19	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**			Celsius			01/09/26 14:19	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	20.1	U	21.7	21.8	50.0	32.2	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Radium-228	6.06	U G	32.4	32.4	50.0	54.3	pCi/L	01/09/26 14:01	01/30/26 03:46	1
Combined Radium 226 + 228	26.2	U	39.0	39.1		54.3	pCi/L	01/09/26 14:01	01/30/26 03:46	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0289	U	0.0996	0.0997	1.00	0.184	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.112	U	0.362	0.362	1.00	0.694	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*
Y Carrier	*81.9*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6
Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**	**^2**	0.500	0.250	mg/L			01/13/26 16:53	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 16:53	1
Sulfate	**636**	**^2**	5.00	2.00	mg/L			01/13/26 17:03	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**4.79**		0.250	0.0809	mg/L		01/12/26 13:30	01/13/26 13:32	5
Calcium	**132**		1.00	0.508	mg/L		01/12/26 13:30	01/13/26 13:32	5
Magnesium	**24.9**		1.00	0.222	mg/L		01/12/26 13:30	01/13/26 13:32	5
Potassium	**10.2**		2.50	0.530	mg/L		01/12/26 13:30	01/13/26 13:32	5
Sodium	**324**		2.50	0.759	mg/L		01/12/26 13:30	01/13/26 13:32	5
Lithium	<0.0868	U	0.200	0.0868	mg/L		01/12/26 13:30	01/13/26 13:32	5

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6

Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0185**	**J**	0.0200	0.00549	mg/L		01/12/26 10:00	01/13/26 00:11	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/13/26 00:11	1
Arsenic	**0.00395**	**J**	0.00400	0.000690	mg/L		01/12/26 10:00	01/13/26 00:11	1
Barium	**0.0453**		0.00400	0.00134	mg/L		01/12/26 10:00	01/13/26 00:11	1
Beryllium	**0.00372**		0.00200	0.000271	mg/L		01/12/26 10:00	01/13/26 00:11	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/13/26 00:11	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/13/26 00:11	1
Cobalt	**0.0877**		0.00200	0.000355	mg/L		01/12/26 10:00	01/13/26 00:11	1
Iron	**1.17**		0.0200	0.00445	mg/L		01/12/26 10:00	01/13/26 00:11	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/13/26 00:11	1
Molybdenum	**0.00382**		0.00200	0.000255	mg/L		01/12/26 10:00	01/13/26 00:11	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/13/26 00:11	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/13/26 00:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**82.4**		4.00	4.00	mg/L			01/14/26 13:34	1
Total Dissolved Solids (SM 2540C)	**1310**		10.0	10.0	mg/L			01/09/26 14:29	1
pH (SM 4500 H+ B)	**5.9**	**HF**			SU			01/12/26 15:04	1
Temperature (SM 4500 H+ B)	**21.3**	**HF**			Celsius			01/12/26 15:04	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-2.13	U	22.8	22.8	50.0	38.7	pCi/L	01/09/26 14:01	01/30/26 03:47	1
Radium-228	-23.8	U G	36.9	37.0	50.0	68.3	pCi/L	01/09/26 14:01	01/30/26 03:47	1
Combined Radium 226 + 228	-25.9	U	43.4	43.5		68.3	pCi/L	01/09/26 14:01	01/30/26 03:47	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.701**		0.168	0.180	1.00	0.137	pCi/L	01/12/26 07:55	02/03/26 07:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:52*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.18**		0.582	0.616	1.00	0.674	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.4*		*30 - 110*	*01/12/26 07:59*	*01/28/26 11:35*	*1*

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6
Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	82.6		30 - 110	01/12/26 07:59	01/28/26 11:35	1

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-42940-1	AP MW-7S	89.1
870-42940-2	AP MW-7D	87.4
870-42940-3	AP MW-5D	87.4
870-42940-4	AP MW-3D	76.5
870-42940-5	EB2	82.1
870-42940-6	AP MW-1	87.4
LCS 160-753285/2-A	Lab Control Sample	84.1
MB 160-753285/1-A	Method Blank	82.4

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-42940-1	AP MW-7S	89.1	81.5
870-42940-2	AP MW-7D	87.4	77.8
870-42940-3	AP MW-5D	87.4	79.6
870-42940-4	AP MW-3D	76.5	76.3
870-42940-5	EB2	82.1	81.9
870-42940-6	AP MW-1	87.4	82.6
LCS 160-753286/2-A	Lab Control Sample	84.1	83.7
MB 160-753286/1-A	Method Blank	82.4	79.3

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-287704/3
Matrix: Water
Analysis Batch: 287704

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			01/13/26 10:39	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/13/26 10:39	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/13/26 10:39	1

Lab Sample ID: LCS 860-287704/4
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.053		mg/L		91	90 - 110
Fluoride	10.0	9.558		mg/L		96	90 - 110
Sulfate	10.0	9.107		mg/L		91	90 - 110

Lab Sample ID: LCSD 860-287704/5
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.021		mg/L		90	90 - 110	0	20
Fluoride	10.0	9.568		mg/L		96	90 - 110	0	20
Sulfate	10.0	9.138		mg/L		91	90 - 110	0	20

Lab Sample ID: LLCS 860-287704/53
Matrix: Water
Analysis Batch: 287704

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5569		mg/L		111	50 - 150
Fluoride	0.500	0.3255	J	mg/L		65	50 - 150
Sulfate	0.500	0.5126		mg/L		103	50 - 150

Lab Sample ID: 870-42940-4 MS
Matrix: Water
Analysis Batch: 287704

Client Sample ID: AP MW-3D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	236		10.0	245.0	4	mg/L		91	90 - 110
Fluoride	<0.100	U F1	10.0	7.608	F1	mg/L		76	90 - 110

Lab Sample ID: 870-42940-4 MSD
Matrix: Water
Analysis Batch: 287704

Client Sample ID: AP MW-3D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	236		10.0	253.1	4	mg/L		172	90 - 110	3	15
Fluoride	<0.100	U F1	10.0	8.124	F1	mg/L		81	90 - 110	7	15

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-288043/62
Matrix: Water
Analysis Batch: 288043

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			01/14/26 15:58	1
Fluoride	<0.100	U	0.500	0.100	mg/L			01/14/26 15:58	1
Sulfate	<0.200	U	0.500	0.200	mg/L			01/14/26 15:58	1

Lab Sample ID: LCS 860-288043/63
Matrix: Water
Analysis Batch: 288043

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.797		mg/L		98	90 - 110
Fluoride	10.0	10.16		mg/L		102	90 - 110
Sulfate	10.0	9.756		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-288043/64
Matrix: Water
Analysis Batch: 288043

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.591		mg/L		96	90 - 110	2	20
Fluoride	10.0	9.973		mg/L		100	90 - 110	2	20
Sulfate	10.0	9.546		mg/L		95	90 - 110	2	20

Lab Sample ID: LLCS 860-288043/66
Matrix: Water
Analysis Batch: 288043

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6488		mg/L		130	50 - 150
Fluoride	0.500	0.5501		mg/L		110	50 - 150
Sulfate	0.500	0.5780		mg/L		116	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-287477/1-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287477

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/12/26 13:30	01/13/26 12:51	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/12/26 13:30	01/13/26 12:51	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/12/26 13:30	01/13/26 12:51	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/12/26 13:30	01/13/26 12:51	1
Sodium	<0.152	U	0.500	0.152	mg/L		01/12/26 13:30	01/13/26 12:51	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		01/12/26 13:30	01/13/26 12:51	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-287477/2-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287477

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.020		mg/L		102	80 - 120		
Calcium			25.0	25.80		mg/L		103	80 - 120		
Magnesium			25.0	24.80		mg/L		99	80 - 120		
Potassium			10.0	9.950		mg/L		100	80 - 120		
Sodium			25.0	25.00		mg/L		100	80 - 120		
Lithium			1.00	0.9630		mg/L		96	80 - 120		

Lab Sample ID: LCSD 860-287477/3-A
Matrix: Water
Analysis Batch: 287784

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287477

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.020		mg/L		102	80 - 120	0	20
Calcium			25.0	25.90		mg/L		104	80 - 120	0	20
Magnesium			25.0	24.80		mg/L		99	80 - 120	0	20
Potassium			10.0	9.970		mg/L		100	80 - 120	0	20
Sodium			25.0	25.00		mg/L		100	80 - 120	0	20
Lithium			1.00	0.9620		mg/L		96	80 - 120	0	20

Lab Sample ID: MB 860-287752/1-A
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		01/13/26 11:00	01/13/26 18:53	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		01/13/26 11:00	01/13/26 18:53	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		01/13/26 11:00	01/13/26 18:53	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		01/13/26 11:00	01/13/26 18:53	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		01/13/26 11:00	01/13/26 18:53	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		01/13/26 11:00	01/13/26 18:53	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		01/13/26 11:00	01/13/26 18:53	1
Calcium	<0.102	U	0.200	0.102	mg/L		01/13/26 11:00	01/13/26 18:53	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		01/13/26 11:00	01/13/26 18:53	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		01/13/26 11:00	01/13/26 18:53	1
Iron	<0.0283	U	0.200	0.0283	mg/L		01/13/26 11:00	01/13/26 18:53	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		01/13/26 11:00	01/13/26 18:53	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		01/13/26 11:00	01/13/26 18:53	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		01/13/26 11:00	01/13/26 18:53	1
Potassium	<0.106	U	0.500	0.106	mg/L		01/13/26 11:00	01/13/26 18:53	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		01/13/26 11:00	01/13/26 18:53	1
Sodium	<0.152	U	0.500	0.152	mg/L		01/13/26 11:00	01/13/26 18:53	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		01/13/26 11:00	01/13/26 18:53	1
Li	<0.0174	U	0.0400	0.0174	mg/L		01/13/26 11:00	01/13/26 18:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-287752/2-A
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	5.150		mg/L		103	80 - 120
Antimony	1.00	1.030		mg/L		103	80 - 120
Arsenic	1.00	1.090		mg/L		109	80 - 120
Barium	1.00	1.060		mg/L		106	80 - 120
Beryllium	1.00	1.080		mg/L		108	80 - 120
Boron	1.00	1.020		mg/L		102	80 - 120
Cadmium	1.00	1.020		mg/L		102	80 - 120
Calcium	25.0	25.70		mg/L		103	80 - 120
Chromium	1.00	1.050		mg/L		105	80 - 120
Cobalt	1.00	1.070		mg/L		107	80 - 120
Iron	5.00	5.520		mg/L		110	80 - 120
Lead	1.00	1.020		mg/L		102	80 - 120
Magnesium	25.0	24.60		mg/L		98	80 - 120
Molybdenum	1.00	1.100		mg/L		110	80 - 120
Potassium	10.0	9.850		mg/L		99	80 - 120
Selenium	1.00	1.010		mg/L		101	80 - 120
Sodium	25.0	24.70		mg/L		99	80 - 120
Thallium	1.00	1.070		mg/L		107	80 - 120
Li	1.00	0.9770		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-287752/3-A
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287752

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	5.140		mg/L		103	80 - 120	0	20
Antimony	1.00	1.040		mg/L		104	80 - 120	1	20
Arsenic	1.00	1.090		mg/L		109	80 - 120	0	20
Barium	1.00	1.060		mg/L		106	80 - 120	0	20
Beryllium	1.00	1.080		mg/L		108	80 - 120	0	20
Boron	1.00	1.020		mg/L		102	80 - 120	0	20
Cadmium	1.00	1.020		mg/L		102	80 - 120	0	20
Calcium	25.0	25.70		mg/L		103	80 - 120	0	20
Chromium	1.00	1.050		mg/L		105	80 - 120	0	20
Cobalt	1.00	1.070		mg/L		107	80 - 120	0	20
Iron	5.00	5.520		mg/L		110	80 - 120	0	20
Lead	1.00	1.020		mg/L		102	80 - 120	0	20
Magnesium	25.0	24.60		mg/L		98	80 - 120	0	20
Molybdenum	1.00	1.110		mg/L		111	80 - 120	1	20
Potassium	10.0	9.840		mg/L		98	80 - 120	0	20
Selenium	1.00	1.040		mg/L		104	80 - 120	3	20
Sodium	25.0	24.60		mg/L		98	80 - 120	0	20
Thallium	1.00	1.070		mg/L		107	80 - 120	0	20
Li	1.00	0.9670		mg/L		97	80 - 120	1	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LB 860-287404/1-C
Matrix: Water
Analysis Batch: 288040

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 287752

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.176	U	1.00	0.176	mg/L		01/13/26 11:00	01/13/26 18:59	1
Antimony	<0.0402	U	0.100	0.0402	mg/L		01/13/26 11:00	01/13/26 18:59	1
Arsenic	<0.0325	U	0.0500	0.0325	mg/L		01/13/26 11:00	01/13/26 18:59	1
Barium	<0.00625	U	0.0500	0.00625	mg/L		01/13/26 11:00	01/13/26 18:59	1
Beryllium	<0.00535	U	0.0200	0.00535	mg/L		01/13/26 11:00	01/13/26 18:59	1
Boron	<0.0809	U	0.250	0.0809	mg/L		01/13/26 11:00	01/13/26 18:59	1
Cadmium	<0.00416	U	0.0250	0.00416	mg/L		01/13/26 11:00	01/13/26 18:59	1
Calcium	<0.508	U	1.00	0.508	mg/L		01/13/26 11:00	01/13/26 18:59	1
Chromium	<0.0108	U	0.0500	0.0108	mg/L		01/13/26 11:00	01/13/26 18:59	1
Cobalt	<0.00615	U	0.0500	0.00615	mg/L		01/13/26 11:00	01/13/26 18:59	1
Iron	<0.141	U	1.00	0.141	mg/L		01/13/26 11:00	01/13/26 18:59	1
Lead	<0.0184	U	0.0500	0.0184	mg/L		01/13/26 11:00	01/13/26 18:59	1
Magnesium	<0.222	U	1.00	0.222	mg/L		01/13/26 11:00	01/13/26 18:59	1
Molybdenum	0.01515	J	0.0500	0.0130	mg/L		01/13/26 11:00	01/13/26 18:59	1
Potassium	<0.530	U	2.50	0.530	mg/L		01/13/26 11:00	01/13/26 18:59	1
Selenium	<0.0464	U	0.150	0.0464	mg/L		01/13/26 11:00	01/13/26 18:59	1
Sodium	<0.759	U	2.50	0.759	mg/L		01/13/26 11:00	01/13/26 18:59	1
Thallium	<0.0551	U	0.100	0.0551	mg/L		01/13/26 11:00	01/13/26 18:59	1
Li	<0.0868	U	0.200	0.0868	mg/L		01/13/26 11:00	01/13/26 18:59	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-287409/1-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287409

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		01/12/26 10:00	01/12/26 22:41	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		01/12/26 10:00	01/12/26 22:41	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		01/12/26 10:00	01/12/26 22:41	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		01/12/26 10:00	01/12/26 22:41	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		01/12/26 10:00	01/12/26 22:41	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		01/12/26 10:00	01/12/26 22:41	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		01/12/26 10:00	01/12/26 22:41	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		01/12/26 10:00	01/12/26 22:41	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		01/12/26 10:00	01/12/26 22:41	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		01/12/26 10:00	01/12/26 22:41	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		01/12/26 10:00	01/12/26 22:41	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		01/12/26 10:00	01/12/26 22:41	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		01/12/26 10:00	01/12/26 22:41	1

Lab Sample ID: LCS 860-287409/2-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5066		mg/L		101	80 - 120
Antimony	0.100	0.09984		mg/L		100	80 - 120
Arsenic	0.100	0.09365		mg/L		94	80 - 120

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

Lab Sample ID: LCS 860-287409/2-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287409

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.1020		mg/L		102	80 - 120
Beryllium	0.100	0.09809		mg/L		98	80 - 120
Cadmium	0.100	0.09507		mg/L		95	80 - 120
Chromium	0.100	0.09828		mg/L		98	80 - 120
Cobalt	0.100	0.09763		mg/L		98	80 - 120
Iron	0.500	0.4940		mg/L		99	80 - 120
Lead	0.100	0.1020		mg/L		102	80 - 120
Molybdenum	0.100	0.09882		mg/L		99	80 - 120
Selenium	0.100	0.08896		mg/L		89	80 - 120
Thallium	0.100	0.1028		mg/L		103	80 - 120

Lab Sample ID: LCSD 860-287409/3-A
Matrix: Water
Analysis Batch: 287842

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287409

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.5036		mg/L		101	80 - 120	1	20
Antimony	0.100	0.09901		mg/L		99	80 - 120	1	20
Arsenic	0.100	0.09281		mg/L		93	80 - 120	1	20
Barium	0.100	0.1013		mg/L		101	80 - 120	1	20
Beryllium	0.100	0.09871		mg/L		99	80 - 120	1	20
Cadmium	0.100	0.09427		mg/L		94	80 - 120	1	20
Chromium	0.100	0.09697		mg/L		97	80 - 120	1	20
Cobalt	0.100	0.09657		mg/L		97	80 - 120	1	20
Iron	0.500	0.4857		mg/L		97	80 - 120	2	20
Lead	0.100	0.1018		mg/L		102	80 - 120	0	20
Molybdenum	0.100	0.09683		mg/L		97	80 - 120	2	20
Selenium	0.100	0.08747		mg/L		87	80 - 120	2	20
Thallium	0.100	0.1020		mg/L		102	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-287775/10-A
Matrix: Water
Analysis Batch: 287971

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 287775

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		01/13/26 12:02	01/13/26 19:58	1

Lab Sample ID: LCS 860-287775/11-A
Matrix: Water
Analysis Batch: 287971

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 287775

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.002013		mg/L		101	80 - 120

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

Lab Sample ID: LCSD 860-287775/12-A
Matrix: Water
Analysis Batch: 287971

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 287775

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.002031		mg/L		102	80 - 120	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-288325/3
Matrix: Water
Analysis Batch: 288325

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			01/14/26 11:30	1

Lab Sample ID: MB 860-288325/34
Matrix: Water
Analysis Batch: 288325

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			01/14/26 14:27	1

Lab Sample ID: LCS 860-288325/35
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	249.0		mg/L		100	85 - 115		

Lab Sample ID: LCS 860-288325/5
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	248.3		mg/L		99	85 - 115		

Lab Sample ID: LCSD 860-288325/36
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	249.0		mg/L		100	85 - 115	1	20

Lab Sample ID: LCSD 860-288325/6
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	246.5		mg/L		99	85 - 115	1	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LLCS 860-288325/4
Matrix: Water
Analysis Batch: 288325

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	4.837		mg/L		121	50 - 150		

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

Lab Sample ID: MB 870-34769/1
Matrix: Water
Analysis Batch: 34769

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	<2.50	U	2.50	2.50	mg/L			01/09/26 14:29	1

Lab Sample ID: LCS 870-34769/2
Matrix: Water
Analysis Batch: 34769

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			1000	893.0		mg/L		89	80 - 120		

Lab Sample ID: LCSD 870-34769/3
Matrix: Water
Analysis Batch: 34769

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	934.0		mg/L		93	80 - 120	4	10

Lab Sample ID: 870-42940-5 DU
Matrix: Water
Analysis Batch: 34769

Client Sample ID: EB2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3.50			3.500		mg/L				0	10

Lab Sample ID: 870-42940-6 DU
Matrix: Water
Analysis Batch: 34769

Client Sample ID: AP MW-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1310			1330		mg/L				1	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-42940-5 DU
Matrix: Water
Analysis Batch: 34768

Client Sample ID: EB2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	5.3	HF		5.3		SU				0.2	20
Temperature	20.1	HF		20.1		Celsius				0	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-753160/1-A
Matrix: Water
Analysis Batch: 755898

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753160

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.39	U	19.9	20.0	50.0	31.0	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Radium-228	8.539	U	27.6	27.6	50.0	46.2	pCi/L	01/09/26 14:01	01/30/26 01:34	1
Combined Radium 226 + 228	29.92	U	34.0	34.1		46.2	pCi/L	01/09/26 14:01	01/30/26 01:34	1

Lab Sample ID: LCS 160-753160/2-A
Matrix: Water
Analysis Batch: 755899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753160

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	147400		15100		517	pCi/L	104	75 - 125
Cesium-137	37400	36390		3570		239	pCi/L	97	75 - 125
Cobalt-60	49100	48140		4700		162	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-753285/1-A
Matrix: Water
Analysis Batch: 756254

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753285

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.005486	U	0.0638	0.0638	1.00	0.135	pCi/L	01/12/26 07:55	02/03/26 07:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.4*		*30 - 110*	*01/12/26 07:55*	*02/03/26 07:51*	*1*

Lab Sample ID: LCS 160-753285/2-A
Matrix: Water
Analysis Batch: 756254

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753285

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	10.20		1.10	1.00	0.116	pCi/L	107	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.1*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-753286/1-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753286

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2590	U	0.411	0.412	1.00	0.698	pCi/L	01/12/26 07:59	01/28/26 11:35	1

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-753286/1-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 753286

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	82.4		30 - 110	01/12/26 07:59	01/28/26 11:35	1
Y Carrier	79.3		30 - 110	01/12/26 07:59	01/28/26 11:35	1

Lab Sample ID: LCS 160-753286/2-A
Matrix: Water
Analysis Batch: 755584

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 753286

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			7.74	10.59		1.45	1.00	0.696	pCi/L	137	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.1		30 - 110
Y Carrier	83.7		30 - 110

HPLC/IC

Analysis Batch: 287704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	9056A	
870-42940-1	AP MW-7S	Total/NA	Water	9056A	
870-42940-2	AP MW-7D	Total/NA	Water	9056A	
870-42940-2	AP MW-7D	Total/NA	Water	9056A	
870-42940-3	AP MW-5D	Total/NA	Water	9056A	
870-42940-3	AP MW-5D	Total/NA	Water	9056A	
870-42940-4	AP MW-3D	Total/NA	Water	9056A	
870-42940-4	AP MW-3D	Total/NA	Water	9056A	
870-42940-5	EB2	Total/NA	Water	9056A	
870-42940-6	AP MW-1	Total/NA	Water	9056A	
870-42940-6	AP MW-1	Total/NA	Water	9056A	
MB 860-287704/3	Method Blank	Total/NA	Water	9056A	
LCS 860-287704/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-287704/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-287704/53	Lab Control Sample	Total/NA	Water	9056A	
870-42940-4 MS	AP MW-3D	Total/NA	Water	9056A	
870-42940-4 MSD	AP MW-3D	Total/NA	Water	9056A	

Analysis Batch: 288043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-5	EB2	Total/NA	Water	9056A	
MB 860-288043/62	Method Blank	Total/NA	Water	9056A	
LCS 860-288043/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-288043/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-288043/66	Lab Control Sample	Total/NA	Water	9056A	

Metals

Leach Batch: 287404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-287404/1-C	Method Blank	Dissolved	Water	1311	

Prep Batch: 287409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	3010A	
870-42940-2	AP MW-7D	Total/NA	Water	3010A	
870-42940-3	AP MW-5D	Total/NA	Water	3010A	
870-42940-4	AP MW-3D	Total/NA	Water	3010A	
870-42940-5	EB2	Total/NA	Water	3010A	
870-42940-6	AP MW-1	Total/NA	Water	3010A	
MB 860-287409/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287409/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287409/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 287477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	3010A	
870-42940-2	AP MW-7D	Total/NA	Water	3010A	
870-42940-3	AP MW-5D	Total/NA	Water	3010A	
870-42940-4	AP MW-3D	Total/NA	Water	3010A	
870-42940-5	EB2	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 287477 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-6	AP MW-1	Total/NA	Water	3010A	
MB 860-287477/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287477/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287477/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 287752

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-2	AP MW-7D	Dissolved	Water	3010A	
LB 860-287404/1-C	Method Blank	Dissolved	Water	3010A	287404
MB 860-287752/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-287752/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-287752/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 287775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	7470A	
870-42940-2	AP MW-7D	Dissolved	Water	7470A	
870-42940-2	AP MW-7D	Total/NA	Water	7470A	
870-42940-3	AP MW-5D	Total/NA	Water	7470A	
870-42940-4	AP MW-3D	Total/NA	Water	7470A	
870-42940-5	EB2	Total/NA	Water	7470A	
870-42940-6	AP MW-1	Total/NA	Water	7470A	
MB 860-287775/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-287775/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-287775/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 287784

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	6010D	287477
870-42940-2	AP MW-7D	Total/NA	Water	6010D	287477
870-42940-3	AP MW-5D	Total/NA	Water	6010D	287477
870-42940-4	AP MW-3D	Total/NA	Water	6010D	287477
870-42940-5	EB2	Total/NA	Water	6010D	287477
870-42940-6	AP MW-1	Total/NA	Water	6010D	287477
MB 860-287477/1-A	Method Blank	Total/NA	Water	6010D	287477
LCS 860-287477/2-A	Lab Control Sample	Total/NA	Water	6010D	287477
LCSD 860-287477/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	287477

Analysis Batch: 287842

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	6020B	287409
870-42940-1	AP MW-7S	Total/NA	Water	6020B	287409
870-42940-2	AP MW-7D	Total/NA	Water	6020B	287409
870-42940-3	AP MW-5D	Total/NA	Water	6020B	287409
870-42940-3	AP MW-5D	Total/NA	Water	6020B	287409
870-42940-4	AP MW-3D	Total/NA	Water	6020B	287409
870-42940-5	EB2	Total/NA	Water	6020B	287409
870-42940-6	AP MW-1	Total/NA	Water	6020B	287409
MB 860-287409/1-A	Method Blank	Total/NA	Water	6020B	287409
LCS 860-287409/2-A	Lab Control Sample	Total/NA	Water	6020B	287409
LCSD 860-287409/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	287409

Metals

Analysis Batch: 287971

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	7470A	287775
870-42940-2	AP MW-7D	Dissolved	Water	7470A	287775
870-42940-2	AP MW-7D	Total/NA	Water	7470A	287775
870-42940-3	AP MW-5D	Total/NA	Water	7470A	287775
870-42940-4	AP MW-3D	Total/NA	Water	7470A	287775
870-42940-5	EB2	Total/NA	Water	7470A	287775
870-42940-6	AP MW-1	Total/NA	Water	7470A	287775
MB 860-287775/10-A	Method Blank	Total/NA	Water	7470A	287775
LCS 860-287775/11-A	Lab Control Sample	Total/NA	Water	7470A	287775
LCSD 860-287775/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	287775

Analysis Batch: 288040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-2	AP MW-7D	Dissolved	Water	6010D	287752
LB 860-287404/1-C	Method Blank	Dissolved	Water	6010D	287752
MB 860-287752/1-A	Method Blank	Total/NA	Water	6010D	287752
LCS 860-287752/2-A	Lab Control Sample	Total/NA	Water	6010D	287752
LCSD 860-287752/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	287752

General Chemistry

Analysis Batch: 34768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	SM 4500 H+ B	
870-42940-2	AP MW-7D	Total/NA	Water	SM 4500 H+ B	
870-42940-3	AP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-42940-4	AP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-42940-5	EB2	Total/NA	Water	SM 4500 H+ B	
870-42940-5 DU	EB2	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 34769

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	SM 2540C	
870-42940-2	AP MW-7D	Total/NA	Water	SM 2540C	
870-42940-3	AP MW-5D	Total/NA	Water	SM 2540C	
870-42940-4	AP MW-3D	Total/NA	Water	SM 2540C	
870-42940-5	EB2	Total/NA	Water	SM 2540C	
870-42940-6	AP MW-1	Total/NA	Water	SM 2540C	
MB 870-34769/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-34769/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-34769/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-42940-5 DU	EB2	Total/NA	Water	SM 2540C	
870-42940-6 DU	AP MW-1	Total/NA	Water	SM 2540C	

Analysis Batch: 34805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-6	AP MW-1	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 288325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 288325 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-2	AP MW-7D	Total/NA	Water	SM 2320B	
870-42940-3	AP MW-5D	Total/NA	Water	SM 2320B	
870-42940-4	AP MW-3D	Total/NA	Water	SM 2320B	
870-42940-5	EB2	Total/NA	Water	SM 2320B	
870-42940-6	AP MW-1	Total/NA	Water	SM 2320B	
MB 860-288325/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-288325/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-288325/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-288325/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-288325/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-288325/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-288325/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 753160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	Fill_Geo-21	
870-42940-2	AP MW-7D	Total/NA	Water	Fill_Geo-21	
870-42940-3	AP MW-5D	Total/NA	Water	Fill_Geo-21	
870-42940-4	AP MW-3D	Total/NA	Water	Fill_Geo-21	
870-42940-5	EB2	Total/NA	Water	Fill_Geo-21	
870-42940-6	AP MW-1	Total/NA	Water	Fill_Geo-21	
MB 160-753160/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-753160/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 753285

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	PrecSep-21	
870-42940-2	AP MW-7D	Total/NA	Water	PrecSep-21	
870-42940-3	AP MW-5D	Total/NA	Water	PrecSep-21	
870-42940-4	AP MW-3D	Total/NA	Water	PrecSep-21	
870-42940-5	EB2	Total/NA	Water	PrecSep-21	
870-42940-6	AP MW-1	Total/NA	Water	PrecSep-21	
MB 160-753285/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-753285/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 753286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-42940-1	AP MW-7S	Total/NA	Water	PrecSep_0	
870-42940-2	AP MW-7D	Total/NA	Water	PrecSep_0	
870-42940-3	AP MW-5D	Total/NA	Water	PrecSep_0	
870-42940-4	AP MW-3D	Total/NA	Water	PrecSep_0	
870-42940-5	EB2	Total/NA	Water	PrecSep_0	
870-42940-6	AP MW-1	Total/NA	Water	PrecSep_0	
MB 160-753286/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-753286/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-7S
Lab Sample ID: 870-42940-1
Date Collected: 01/06/26 08:40
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 14:53	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 15:03	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:26	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:53	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			287842	01/12/26 23:56	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:52	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:59	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755905	01/30/26 02:41	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.59 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.59 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 14:33	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 14:43	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	287752	01/13/26 11:00	MD	EET HOU
Dissolved	Analysis	6010D		1			288040	01/13/26 19:36	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/12/26 23:59	DP	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Dissolved	Analysis	7470A		1			287971	01/13/26 21:19	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:56	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 15:11	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755902	01/30/26 02:41	ASA	EET SL

Client Sample ID: AP MW-7D
Lab Sample ID: 870-42940-2
Date Collected: 01/06/26 11:00
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1001.67 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.67 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-5D
Lab Sample ID: 870-42940-3
Date Collected: 01/06/26 14:15
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 15:13	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 15:23	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:02	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		5			287842	01/13/26 00:05	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 20:59	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:27	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755906	01/30/26 02:42	ASA	EET SL
Total/NA	Prep	PrecSep-21			751.67 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.67 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 15:33	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 15:43	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:14	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 21:02	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:54	VS	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-3D
Lab Sample ID: 870-42940-4
Date Collected: 01/06/26 16:40
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755899	01/30/26 03:46	ASA	EET SL
Total/NA	Prep	PrecSep-21			751.01 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.01 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: EB2
Lab Sample ID: 870-42940-5
Date Collected: 01/06/26 12:15
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 16:33	RJD	EET HOU
Total/NA	Analysis	9056A		1			288043	01/14/26 20:14	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:08	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 21:06	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:30	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34768	01/09/26 14:19	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755904	01/30/26 03:46	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.23 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.23 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Client Sample ID: AP MW-1
Lab Sample ID: 870-42940-6
Date Collected: 01/06/26 16:00
Matrix: Water
Date Received: 01/08/26 10:06

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			287704	01/13/26 16:53	RJD	EET HOU
Total/NA	Analysis	9056A		10			287704	01/13/26 17:03	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287477	01/12/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			287784	01/13/26 13:32	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	287409	01/12/26 10:00	MD	EET HOU
Total/NA	Analysis	6020B		1			287842	01/13/26 00:11	DP	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1
Date Collected: 01/06/26 16:00
Date Received: 01/08/26 10:06

Lab Sample ID: 870-42940-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			5 mL	5 mL	287775	01/13/26 12:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			287971	01/13/26 21:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			288325	01/14/26 13:34	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	34769	01/09/26 14:29	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			34805	01/12/26 15:04	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	753160	01/09/26 14:01	DC	EET SL
Total/NA	Analysis	901.1		1			755906	01/30/26 03:47	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.66 mL	1.0 g	753285	01/12/26 07:55	VLQ	EET SL
Total/NA	Analysis	903.0		1			756254	02/03/26 07:52	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.66 mL	1.0 g	753286	01/12/26 07:59	VLQ	EET SL
Total/NA	Analysis	904.0		1			755584	01/28/26 11:35	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-42940-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-42940-1	AP MW-7S	Water	01/06/26 08:40	01/08/26 10:06	Texas
870-42940-2	AP MW-7D	Water	01/06/26 11:00	01/08/26 10:06	Texas
870-42940-3	AP MW-5D	Water	01/06/26 14:15	01/08/26 10:06	Texas
870-42940-4	AP MW-3D	Water	01/06/26 16:40	01/08/26 10:06	Texas
870-42940-5	EB2	Water	01/06/26 12:15	01/08/26 10:06	Texas
870-42940-6	AP MW-1	Water	01/06/26 16:00	01/08/26 10:06	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

2/12/2026

Client Information	Sampler: WRC	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-15501-5258.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page: Page
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Appendix III/IV	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - Chloride,Flouride,Sulfate	Total 6010D, 6020B, 7470A	Dissolved Field Filtered 6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP MW-7S	01/06/26	0840	G	W			X	X	X	X	X	X		X	X		
AP MW-7D		1100	G	W	Y		X	X	X	X	X	X	X	X	X		
AP MW-5D		1415	G	W			X	X	X	X	X	X		X	X		
AP MW-3D		1640	G	W			X	X	X	X	X	X		X	X		
EB2		1215	G	W			X	X	X	X	X	X		X	X		
AP MW-1		1600	G	W			X	X	X	X	X	X		X	X		

870-42940 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8875 1226 7018,7029		
Relinquished by: [signature]	Date/Time: 01/07/26 1500	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 1/8/26 10:06	Company	Received by: [signature]	Date/Time: 1/8/26 10:06	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: 0.8/0.7, 0.8/0.7 TH/M027 CF-0.1

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9741.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-42940-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 1/15/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW-7S (870-42940-1)	1/6/26	08:40 Central	G	Water			X	X	X	2	
AP MW-6D (870-42940-2)	1/6/26	11:00 Central	G	Water			X	X	X	2	
AP MW-5D (870-42940-3)	1/6/26	14:15 Central	G	Water			X	X	X	2	
AP MW-3D (870-42940-4)	1/6/26	16:40 Central	G	Water			X	X	X	2	
EB2 (870-42940-5)	1/6/26	12:15 Central	G	Water			X	X	X	2	
AP MW-1 (870-42940-6)	1/6/26	16:00 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			FEDEX		
Relinquished by:	Date/Time: 01/08/26 1700	Company	Received by: JAN 08 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time: 0820 JAN 09 2026	Company ETA SAL

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

Ver: 10/10/2024

2/12/2026

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone. 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9742 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-42940-1
Address: 4145 Greenbriar Dr	Due Date Requested: 1/14/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Appendix III/IV	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7473A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
AP MW-7S (870-42940-1)	1/6/26	08:40 Central	G	Water			X	X	X	X	X			6	
AP MW-6D (870-42940-2)	1/6/26	11:00 Central	G	Water			X	X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg
AP MW-5D (870-42940-3)	1/6/26	14:15 Central	G	Water			X	X	X	X	X			3	
AP MW-3D (870-42940-4)	1/6/26	16:40 Central	G	Water			X	X	X	X	X			3	
EB2 (870-42940-5)	1/6/26	12:15 Central	G	Water			X	X	X	X	X			3	
AP MW-1 (870-42940-6)	1/6/26	16:00 Central	G	Water			X	X	X	X	X			3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements.

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by: TPX	Date/Time:	Company	Received by:	Date/Time: 1-9-26 0800	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: IR HOU-368 3.5°

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42940-1

Login Number: 42940
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42940-1

Login Number: 42940
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 01/09/26 09:04 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-42940-1

Login Number: 42940
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 01/09/26 11:41 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

February 2026 Event

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

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JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-44041-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

my EOL

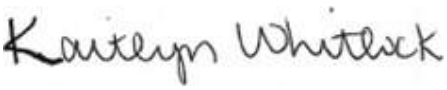
Eurofins Dallas

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Revision 1

Authorized for release by
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 9
Tracer Carrier Summary 18
QC Sample Results 19
QC Association Summary 31
Lab Chronicle 36
Certification Summary 40
Method Summary 41
Sample Summary 42
Chain of Custody 43
Receipt Checklists 45

Definitions/Glossary

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
870-44041-1

REVISION

The report being provided is a revision of the original report sent on 3/24/2026. The report (revision 1) is being revised due to Would like sulfate re-ran due to "anomalies".

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/19/2026 9:30 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 0.3°C and 0.7°C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): SFL MW-8S (870-44041-1). The container labels list a S at the end of the sample ID, while 5 is logged. The COC looks to be handwritten and mistaken when logging the sample in.

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): SFL MW-8S (870-44041-1), SFL MW-7S (870-44041-5), SFL MW-4S (870-44041-6), AP MW-7S (870-44078-1) and SFL MW-1S (870-44078-6). The container labels list 5 at the end of the sample IDs, while the COC lists S at the end of the sample IDs. The COC was checked and we can confirm these are the correct samples in the jobs because the collection dates and collection times match.

HPLC/IC
Method 9056A: Due to the high concentration of Chloride, Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-300520 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 9056A: Reanalysis of the following samples were performed outside of the analytical holding time due to Errors on initial run : SFL MW-7S (870-44041-5) and SFL MW-4S (870-44041-6).

Method 9056A: The following samples were diluted due to the nature of the sample matrix: SFL MW-7S (870-44041-5) and SFL MW-4S (870-44041-6). Elevated reporting limits (RLs) are provided.

Method 9056A: Reanalysis of the following samples were performed outside of the analytical holding time due to Errors on the initial run : SFL MW-7S (870-44041-5) and SFL MW-4S (870-44041-6).

Method 9056A: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to Error in original batch. : SFL MW-7S (870-44041-5) and SFL MW-4S (870-44041-6).

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

Metals
Method 6010D: The method blank for preparation batch 860-299295 and analytical batch 860-299582 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-299582 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6020B: The following sample was diluted due to the nature of the sample matrix: SFL MW-7S (870-44041-5). Elevated reporting limits (RLs) are provided.

Method 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: FD-1 (870-44041-2). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples SFL MW-8S (870-44041-1), FD-1 (870-44041-2), SFL MW-8D (870-44041-3), MNW-15D (870-44041-4), SFL MW-7S (870-44041-5) and SFL MW-4S (870-44041-6) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 758770

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Method 901.1: Gamma Batch 758770

The Ra 228 MDC for the method blank (MB) is above the requested limit of 50.0 pCi/L . Activity was not observed in the MB above the MDC or RL. The data have been reported with the MDC achieved. (MB 160-758770/1-A).

Method 901.1: Gamma Batch 758770

The detection goal was not met for Ra-226 and /or Ra-228 for the following samples. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the

non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Cs-137 is well below the RL and MDC.
FD-1 (870-44041-2), SFL MW-8D (870-44041-3), MNW-15D (870-44041-4) and (870-44041-A-2-B DU)

Method 901.1: Gamma prep batch 160-758959
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra228. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following sample have been reported with the MDC achieved:

(MB 160-758959/1-A)

Method 901.1: Gamma prep batch 160- 758959
The detection goal was not met for Ra226 and/or Ra228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the activity is well below the RL and MDC.

SFL MW-8S (870-44041-1)

Method 901.1: Gamma Prep Batch 160- 758959
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred from	Reported to Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-108m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

SFL MW-8S (870-44041-1), SFL MW-7S (870-44041-5), SFL MW-4S (870-44041-6) and (870-44041-A-1-B DU)

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

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

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-44041-1

Date Collected: 02/17/26 09:05
Matrix: Water

Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1320		5.00	2.50	mg/L			03/02/26 19:57	10
Fluoride	0.426	J F1 F2	0.500	0.100	mg/L			03/02/26 19:48	1
Sulfate	1870		5.00	2.00	mg/L			03/02/26 19:57	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	17.2		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 14:04	1
Calcium	463		0.200	0.102	mg/L		02/26/26 12:54	02/27/26 14:04	1
Magnesium	108		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 14:04	1
Potassium	29.6		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 14:04	1
Sodium	620		2.50	0.759	mg/L		02/26/26 12:54	02/27/26 14:07	5
Lithium	0.484		0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 14:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10.4		0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 05:22	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 05:22	1
Arsenic	0.0108		0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 05:22	1
Barium	0.0169		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 05:22	1
Beryllium	0.0450		0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 05:22	1
Cadmium	0.00758		0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 05:22	1
Chromium	0.00167	J	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 05:22	1
Cobalt	0.0935		0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 05:22	1
Iron	29.5		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 05:22	1
Lead	0.0390		0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 05:22	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 05:22	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 05:22	1
Thallium	0.00342		0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 05:22	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			02/23/26 13:23	1
Total Dissolved Solids (SM 2540C)	4080		20.0	20.0	mg/L			02/19/26 15:32	1
pH (SM 4500 H+ B)	3.0	HF			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	21.9	HF			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	27.9	U	21.4	21.6	50.0	30.5	pCi/L	02/26/26 10:32	03/23/26 18:07	1
Radium-228	-3.45	U G	38.9	38.9	50.0	64.8	pCi/L	02/26/26 10:32	03/23/26 18:07	1
Combined Radium 226 + 228	24.5	U	44.4	44.5		64.8	pCi/L	02/26/26 10:32	03/23/26 18:07	1

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-44041-1
Date Collected: 02/17/26 09:05
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.699		0.163	0.175	1.00	0.129	pCi/L	02/23/26 07:52	03/17/26 16:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*02/23/26 07:52*	*03/17/26 16:47*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.72		0.681	0.762	1.00	0.647	pCi/L	02/23/26 07:55	03/11/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*
Y Carrier	*81.5*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*

Client Sample ID: FD-1
Lab Sample ID: 870-44041-2
Date Collected: 02/17/26 09:10
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1360		5.00	2.50	mg/L			03/02/26 20:52	10
Fluoride	1.08		0.500	0.100	mg/L			03/02/26 20:43	1
Sulfate	1930		5.00	2.00	mg/L			03/02/26 20:52	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	16.9		0.0500	0.0162	mg/L		02/25/26 11:00	02/25/26 19:21	1
Calcium	453		0.200	0.102	mg/L		02/25/26 11:00	02/25/26 19:21	1
Magnesium	106		0.200	0.0445	mg/L		02/25/26 11:00	02/25/26 19:21	1
Potassium	31.0		0.500	0.106	mg/L		02/25/26 11:00	02/25/26 19:21	1
Sodium	640		2.50	0.759	mg/L		02/25/26 11:00	02/25/26 19:23	5
Lithium	0.418	B	0.0400	0.0174	mg/L		02/25/26 11:00	02/25/26 19:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	10.2		0.100	0.0275	mg/L		02/26/26 11:00	03/03/26 05:01	5
Antimony	0.00119	J	0.00200	0.000750	mg/L		02/26/26 11:00	03/03/26 04:58	1
Arsenic	0.00929		0.00400	0.000690	mg/L		02/26/26 11:00	03/03/26 04:58	1
Barium	0.0180		0.00400	0.00134	mg/L		02/26/26 11:00	03/03/26 04:58	1
Beryllium	0.0440		0.00200	0.000271	mg/L		02/26/26 11:00	03/03/26 04:58	1
Cadmium	0.00855		0.00200	0.000240	mg/L		02/26/26 11:00	03/03/26 04:58	1
Chromium	0.000988	J	0.00400	0.000560	mg/L		02/26/26 11:00	03/03/26 04:58	1
Cobalt	0.0993		0.00200	0.000355	mg/L		02/26/26 11:00	03/03/26 04:58	1
Iron	38.9		0.100	0.0223	mg/L		02/26/26 11:00	03/03/26 05:01	5
Lead	0.0373		0.00200	0.000367	mg/L		02/26/26 11:00	03/03/26 04:58	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 11:00	03/03/26 04:58	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 11:00	03/03/26 04:58	1
Thallium	0.00325		0.00200	0.000415	mg/L		02/26/26 11:00	03/03/26 04:58	1

Client Sample ID: FD-1
Lab Sample ID: 870-44041-2
Date Collected: 02/17/26 09:10
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:31	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/02/26 14:16	1
Total Dissolved Solids (SM 2540C)	**4270**		20.0	20.0	mg/L			02/19/26 15:32	1
pH (SM 4500 H+ B)	**3.0**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**22.7**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	24.8	U	18.8	19.0	50.0	27.6	pCi/L	02/25/26 13:59	03/18/26 09:10	1
Radium-228	-1.36	U G	29.5	29.5	50.0	50.8	pCi/L	02/25/26 13:59	03/18/26 09:10	1
Combined Radium 226 + 228	23.5	U	35.0	35.1		50.8	pCi/L	02/25/26 13:59	03/18/26 09:10	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.06**		0.205	0.226	1.00	0.160	pCi/L	02/23/26 07:52	03/17/26 16:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.5*		*30 - 110*	*02/23/26 07:52*	*03/17/26 16:47*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.08**		0.616	0.678	1.00	0.610	pCi/L	02/23/26 07:55	03/11/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.5*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*
Y Carrier	*86.7*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-44041-3
Date Collected: 02/17/26 10:45
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**399**		0.500	0.250	mg/L			03/02/26 21:01	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 21:01	1
Sulfate	**707**		5.00	2.00	mg/L			03/02/26 21:10	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.565**		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 14:24	1
Calcium	**146**		0.200	0.102	mg/L		02/26/26 12:54	02/27/26 14:24	1
Magnesium	**28.2**		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 14:24	1

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-44041-3
Date Collected: 02/17/26 10:45
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**26.4**		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 14:24	1
Sodium	**356**		2.50	0.759	mg/L		02/26/26 12:54	02/27/26 14:26	5
Lithium	**0.229**		0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 14:24	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0118**	**J**	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 05:19	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 05:19	1
Arsenic	**0.00131**	**J**	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 05:19	1
Barium	**0.0318**		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 05:19	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 05:19	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 05:19	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 05:19	1
Cobalt	**0.000800**	**J**	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 05:19	1
Iron	**0.929**		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 05:19	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 05:19	1
Molybdenum	**0.000982**	**J**	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 05:19	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 05:19	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 05:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**136**		4.00	4.00	mg/L			03/02/26 14:00	1
Total Dissolved Solids (SM 2540C)	**1840**		10.0	10.0	mg/L			02/19/26 15:32	1
pH (SM 4500 H+ B)	**6.7**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**22.7**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**35.9**		23.8	24.0	50.0	30.2	pCi/L	02/25/26 13:59	03/18/26 09:10	1
Radium-228	7.96	U G	38.1	38.1	50.0	62.8	pCi/L	02/25/26 13:59	03/18/26 09:10	1
Combined Radium 226 + 228	43.9	U	44.9	45.0		62.8	pCi/L	02/25/26 13:59	03/18/26 09:10	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.404**		0.144	0.149	1.00	0.161	pCi/L	02/23/26 07:52	03/17/26 16:47	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*02/23/26 07:52*	*03/17/26 16:47*	*1*

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-44041-3
Date Collected: 02/17/26 10:45
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**0.928**		0.419	0.427	1.00	0.564	pCi/L	02/23/26 07:55	03/11/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*91.7*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*

Client Sample ID: MNW-15D
Lab Sample ID: 870-44041-4
Date Collected: 02/17/26 12:15
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**921**		5.00	2.50	mg/L			03/02/26 21:28	10
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 21:19	1
Sulfate	**1270**		5.00	2.00	mg/L			03/02/26 21:28	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.372**		0.0500	0.0162	mg/L		02/25/26 11:00	02/25/26 19:37	1
Calcium	**290**		0.200	0.102	mg/L		02/25/26 11:00	02/25/26 19:37	1
Magnesium	**47.4**		0.200	0.0445	mg/L		02/25/26 11:00	02/25/26 19:37	1
Potassium	**43.7**		0.500	0.106	mg/L		02/25/26 11:00	02/25/26 19:37	1
Sodium	**631**	**^2**	5.00	1.52	mg/L		02/25/26 11:00	02/25/26 19:39	10
Lithium	**0.328**	**B**	0.0400	0.0174	mg/L		02/25/26 11:00	02/25/26 19:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0794**		0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 04:26	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 04:26	1
Arsenic	**0.000816**	**J**	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 04:26	1
Barium	**0.0326**		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 04:26	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 04:26	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 04:26	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 04:26	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 04:26	1
Iron	**1.31**		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 04:26	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 04:26	1
Molybdenum	**0.000469**	**J**	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 04:26	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 04:26	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 04:26	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:38	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**98.3**		4.00	4.00	mg/L			03/02/26 13:45	1
Total Dissolved Solids (SM 2540C)	**3100**		20.0	20.0	mg/L			02/19/26 15:32	1

Client Sample ID: MNW-15D
Lab Sample ID: 870-44041-4
Date Collected: 02/17/26 12:15
Matrix: Water
Date Received: 02/19/26 09:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	6.6	HF			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	22.1	HF			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	35.3		27.0	27.2	50.0	32.1	pCi/L	02/25/26 13:59	03/18/26 09:12	1
Radium-228	4.01	U G	35.3	35.3	50.0	59.9	pCi/L	02/25/26 13:59	03/18/26 09:12	1
Combined Radium 226 + 228	39.3	U	44.4	44.6		59.9	pCi/L	02/25/26 13:59	03/18/26 09:12	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.383		0.137	0.142	1.00	0.150	pCi/L	02/23/26 07:52	03/17/26 19:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*02/23/26 07:52*	*03/17/26 19:11*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.58		0.481	0.502	1.00	0.558	pCi/L	02/23/26 07:55	03/11/26 13:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:40*	*1*
Y Carrier	*85.6*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:40*	*1*

Client Sample ID: SFL MW-7S
Lab Sample ID: 870-44041-5
Date Collected: 02/17/26 13:45
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4070	H	5.00	2.50	mg/L			04/04/26 04:26	10
Fluoride	<1.00	U H	5.00	1.00	mg/L			04/06/26 21:27	10
Sulfate	1390	H	5.00	2.00	mg/L			04/07/26 15:37	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.861		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 14:27	1
Calcium	895		1.00	0.508	mg/L		02/26/26 12:54	02/27/26 14:29	5
Magnesium	204		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 14:27	1
Potassium	42.0		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 14:27	1
Sodium	1620		25.0	7.59	mg/L		02/26/26 12:54	02/27/26 14:39	50
Lithium	0.906		0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 14:27	1

Client Sample ID: SFL MW-7S
Lab Sample ID: 870-44041-5

Date Collected: 02/17/26 13:45
Matrix: Water

Date Received: 02/19/26 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 09:58	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 09:58	1
Arsenic	**0.00134**	**J**	0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 09:58	1
Barium	**0.0249**		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 09:58	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 09:58	1
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:19	10
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 09:58	1
Cobalt	**0.00113**	**J**	0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 09:58	1
Iron	**0.691**		0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 09:58	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 09:58	1
Molybdenum	**0.000283**	**J**	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 09:58	1
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:19	10
Thallium	**0.000683**	**J**	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 09:58	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**113**		4.00	4.00	mg/L			03/02/26 13:51	1
Total Dissolved Solids (SM 2540C)	**8640**		50.0	50.0	mg/L			02/19/26 15:32	1
pH (SM 4500 H+ B)	**5.9**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**22.5**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	6.79	U	23.6	23.6	50.0	37.6	pCi/L	02/26/26 10:32	03/19/26 09:05	1
Radium-228	7.96	U	25.7	25.7	50.0	43.1	pCi/L	02/26/26 10:32	03/19/26 09:05	1
Combined Radium 226 + 228	14.7	U	34.9	34.9		43.1	pCi/L	02/26/26 10:32	03/19/26 09:05	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.94**		0.276	0.326	1.00	0.156	pCi/L	02/23/26 07:52	03/17/26 19:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*02/23/26 07:52*	*03/17/26 19:11*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**6.59**		0.832	1.03	1.00	0.578	pCi/L	02/23/26 07:55	03/11/26 13:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.2*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:40*	*1*

Client Sample ID: SFL MW-7S
Lab Sample ID: 870-44041-5
Date Collected: 02/17/26 13:45
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	86.0		30 - 110	02/23/26 07:55	03/11/26 13:40	1

Client Sample ID: SFL MW-4S
Lab Sample ID: 870-44041-6
Date Collected: 02/17/26 15:05
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3600**	**H**	5.00	2.50	mg/L			04/04/26 04:06	10
Fluoride	<1.00	U H	5.00	1.00	mg/L			04/06/26 21:39	10
Sulfate	**2060**	**H**	5.00	2.00	mg/L			04/07/26 15:57	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**2.43**		0.0500	0.0162	mg/L		02/25/26 11:00	02/25/26 19:27	1
Calcium	**880**		1.00	0.508	mg/L		02/25/26 11:00	02/25/26 19:29	5
Magnesium	**261**		0.200	0.0445	mg/L		02/25/26 11:00	02/25/26 19:27	1
Potassium	**83.6**		0.500	0.106	mg/L		02/25/26 11:00	02/25/26 19:27	1
Sodium	**1510**		2.50	0.759	mg/L		02/25/26 11:00	02/25/26 19:29	5
Lithium	**0.998**	**B**	0.0400	0.0174	mg/L		02/25/26 11:00	02/25/26 19:27	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5.24**		0.0200	0.00549	mg/L		02/26/26 11:00	03/03/26 04:55	1
Antimony	**0.00243**		0.00200	0.000750	mg/L		02/26/26 11:00	03/03/26 04:55	1
Arsenic	**0.00536**		0.00400	0.000690	mg/L		02/26/26 11:00	03/03/26 04:55	1
Barium	**0.0317**		0.00400	0.00134	mg/L		02/26/26 11:00	03/03/26 04:55	1
Beryllium	**0.0567**		0.00200	0.000271	mg/L		02/26/26 11:00	03/03/26 04:55	1
Cadmium	**0.0273**		0.00200	0.000240	mg/L		02/26/26 11:00	03/03/26 04:55	1
Chromium	**0.00241**	**J**	0.00400	0.000560	mg/L		02/26/26 11:00	03/03/26 04:55	1
Cobalt	**0.0977**		0.00200	0.000355	mg/L		02/26/26 11:00	03/03/26 04:55	1
Iron	**0.221**		0.0200	0.00445	mg/L		02/26/26 11:00	03/03/26 04:55	1
Lead	**0.00671**		0.00200	0.000367	mg/L		02/26/26 11:00	03/03/26 04:55	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 11:00	03/03/26 04:55	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 11:00	03/03/26 04:55	1
Thallium	**0.00536**		0.00200	0.000415	mg/L		02/26/26 11:00	03/03/26 04:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/02/26 14:07	1
Total Dissolved Solids (SM 2540C)	**7880**		50.0	50.0	mg/L			02/19/26 15:32	1
pH (SM 4500 H+ B)	**4.1**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**21.0**	**HF**			Celsius			02/23/26 13:30	1

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-4S
Date Collected: 02/17/26 15:05
Date Received: 02/19/26 09:30

Lab Sample ID: 870-44041-6
Matrix: Water

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**34.5**		19.4	19.7	50.0	24.1	pCi/L	02/26/26 10:32	03/19/26 09:06	1
Radium-228	4.43	U	26.4	26.4	50.0	45.2	pCi/L	02/26/26 10:32	03/19/26 09:06	1
Combined Radium 226 + 228	39.0	U	32.8	32.9		45.2	pCi/L	02/26/26 10:32	03/19/26 09:06	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.83**		0.254	0.303	1.00	0.123	pCi/L	02/23/26 07:52	03/17/26 19:11	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/23/26 07:52*	*03/17/26 19:11*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**8.55**		1.03	1.30	1.00	0.788	pCi/L	02/23/26 07:55	03/11/26 13:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*
Y Carrier	*79.3*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-44041-1	SFL MW-8S	93.2
870-44041-2	FD-1	91.5
870-44041-3	SFL MW-8D	91.7
870-44041-4	MNW-15D	89.2
870-44041-5	SFL MW-7S	89.2
870-44041-6	SFL MW-4S	85.8
LCS 160-758224/2-A	Lab Control Sample	92.3
MB 160-758224/1-A	Method Blank	93.2

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-44041-1	SFL MW-8S	93.2	81.5
870-44041-2	FD-1	91.5	86.7
870-44041-3	SFL MW-8D	91.7	84.9
870-44041-4	MNW-15D	89.2	85.6
870-44041-5	SFL MW-7S	89.2	86.0
870-44041-6	SFL MW-4S	85.8	79.3
LCS 160-758225/2-A	Lab Control Sample	92.3	90.8
MB 160-758225/1-A	Method Blank	93.2	89.3

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-300520/62
Matrix: Water
Analysis Batch: 300520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 19:03	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 19:03	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 19:03	1

Lab Sample ID: LCS 860-300520/63
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.01		mg/L		100	90 - 110
Fluoride	10.0	9.634		mg/L		96	90 - 110
Sulfate	10.0	10.50		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-300520/64
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.00		mg/L		100	90 - 110	0	20
Fluoride	10.0	9.604		mg/L		96	90 - 110	0	20
Sulfate	10.0	10.52		mg/L		105	90 - 110	0	20

Lab Sample ID: LLCS 860-300520/66
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5506		mg/L		110	50 - 150
Fluoride	0.500	0.4125	J	mg/L		83	50 - 150
Sulfate	0.500	0.4895	J	mg/L		98	50 - 150

Lab Sample ID: 870-44041-1 MS
Matrix: Water
Analysis Batch: 300520

Client Sample ID: SFL MW-8S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.426	J F1 F2	10.0	9.883		mg/L		95	90 - 110

Lab Sample ID: 870-44041-1 MSD
Matrix: Water
Analysis Batch: 300520

Client Sample ID: SFL MW-8S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.426	J F1 F2	10.0	4.336	F1 F2	mg/L		39	90 - 110	78	15

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-310503/62
Matrix: Water
Analysis Batch: 310503

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/03/26 20:36	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/03/26 20:36	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/03/26 20:36	1

Lab Sample ID: LCS 860-310503/63
Matrix: Water
Analysis Batch: 310503

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.692		mg/L		97	90 - 110
Fluoride	10.0	9.481		mg/L		95	90 - 110
Sulfate	10.0	9.324		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-310503/64
Matrix: Water
Analysis Batch: 310503

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.472		mg/L		95	90 - 110	2	20
Fluoride	10.0	9.644		mg/L		96	90 - 110	2	20
Sulfate	10.0	9.372		mg/L		94	90 - 110	1	20

Lab Sample ID: MB 860-311156/62
Matrix: Water
Analysis Batch: 311156

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/06/26 17:42	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/06/26 17:42	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/06/26 17:42	1

Lab Sample ID: LCS 860-311156/63
Matrix: Water
Analysis Batch: 311156

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.17		mg/L		102	90 - 110
Fluoride	10.0	10.62		mg/L		106	90 - 110
Sulfate	10.0	10.94		mg/L		109	90 - 110

Lab Sample ID: LCSD 860-311156/64
Matrix: Water
Analysis Batch: 311156

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.933		mg/L		99	90 - 110	2	20
Fluoride	10.0	10.50		mg/L		105	90 - 110	1	20
Sulfate	10.0	9.114		mg/L		91	90 - 110	18	20

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-311156/66
Matrix: Water
Analysis Batch: 311156

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6371		mg/L		127	50 - 150
Fluoride	0.500	0.4709	J	mg/L		94	50 - 150
Sulfate	0.500	0.5083		mg/L		102	50 - 150

Lab Sample ID: MB 860-311437/3
Matrix: Water
Analysis Batch: 311437

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 10:47	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 10:47	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 10:47	1

Lab Sample ID: LCS 860-311437/4
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.39		mg/L		104	90 - 110
Fluoride	10.0	10.06		mg/L		101	90 - 110
Sulfate	10.0	9.546		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-311437/5
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.49		mg/L		105	90 - 110	1	20
Fluoride	10.0	10.14		mg/L		101	90 - 110	1	20
Sulfate	10.0	9.473		mg/L		95	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-299295/1-A
Matrix: Water
Analysis Batch: 299582

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299295

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		02/25/26 11:00	02/25/26 18:53	1
Calcium	<0.102	U	0.200	0.102	mg/L		02/25/26 11:00	02/25/26 18:53	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		02/25/26 11:00	02/25/26 18:53	1
Potassium	<0.106	U	0.500	0.106	mg/L		02/25/26 11:00	02/25/26 18:53	1
Sodium	<0.152	U	0.500	0.152	mg/L		02/25/26 11:00	02/25/26 18:53	1
Lithium	0.03670	J	0.0400	0.0174	mg/L		02/25/26 11:00	02/25/26 18:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-299295/2-A
Matrix: Water
Analysis Batch: 299582

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299295

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9590		mg/L		96	80 - 120
Calcium	25.0	23.40		mg/L		94	80 - 120
Magnesium	25.0	23.20		mg/L		93	80 - 120
Potassium	10.0	10.30		mg/L		103	80 - 120
Sodium	25.0	25.00		mg/L		100	80 - 120
Lithium	1.00	1.020		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-299295/3-A
Matrix: Water
Analysis Batch: 299582

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299295

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9600		mg/L		96	80 - 120	0	20
Calcium	25.0	23.40		mg/L		94	80 - 120	0	20
Magnesium	25.0	23.30		mg/L		93	80 - 120	0	20
Potassium	10.0	10.30		mg/L		103	80 - 120	0	20
Sodium	25.0	25.10		mg/L		100	80 - 120	0	20
Lithium	1.00	1.020		mg/L		102	80 - 120	0	20

Lab Sample ID: MB 860-297186/20-D
Matrix: Water
Analysis Batch: 300112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299732

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 13:35	1
Calcium	<0.102	U	0.200	0.102	mg/L		02/26/26 12:54	02/27/26 13:35	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 13:35	1
Potassium	<0.106	U	0.500	0.106	mg/L		02/26/26 12:54	02/27/26 13:35	1
Sodium	<0.152	U	0.500	0.152	mg/L		02/26/26 12:54	02/27/26 13:35	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 13:35	1

Lab Sample ID: LCS 860-297186/21-D
Matrix: Water
Analysis Batch: 300112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9670		mg/L		97	80 - 120
Calcium	25.0	24.20		mg/L		97	80 - 120
Magnesium	25.0	24.10		mg/L		96	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Sodium	25.0	25.10		mg/L		100	80 - 120
Lithium	1.00	0.9510		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-297186/22-D
Matrix: Water
Analysis Batch: 300112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299732

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9700		mg/L		97	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-297186/22-D
Matrix: Water
Analysis Batch: 300112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299732

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Calcium	25.0	24.20		mg/L		97	80 - 120	0	20
Magnesium	25.0	24.10		mg/L		96	80 - 120	0	20
Potassium	10.0	10.10		mg/L		101	80 - 120	0	20
Sodium	25.0	25.10		mg/L		100	80 - 120	0	20
Lithium	1.00	0.9490		mg/L		95	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-299681/1-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299681

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 11:00	03/03/26 03:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 11:00	03/03/26 03:38	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 11:00	03/03/26 03:38	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 11:00	03/03/26 03:38	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 11:00	03/03/26 03:38	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 11:00	03/03/26 03:38	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 11:00	03/03/26 03:38	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 11:00	03/03/26 03:38	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/26/26 11:00	03/03/26 03:38	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 11:00	03/03/26 03:38	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 11:00	03/03/26 03:38	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 11:00	03/03/26 03:38	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 11:00	03/03/26 03:38	1

Lab Sample ID: LCS 860-299681/2-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299681

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4690		mg/L		94	80 - 120
Antimony	0.100	0.09980		mg/L		100	80 - 120
Arsenic	0.100	0.09550		mg/L		95	80 - 120
Barium	0.100	0.09484		mg/L		95	80 - 120
Beryllium	0.100	0.09145		mg/L		91	80 - 120
Cadmium	0.100	0.09466		mg/L		95	80 - 120
Chromium	0.100	0.09615		mg/L		96	80 - 120
Cobalt	0.100	0.09559		mg/L		96	80 - 120
Iron	0.500	0.4833		mg/L		97	80 - 120
Lead	0.100	0.09483		mg/L		95	80 - 120
Molybdenum	0.100	0.1009		mg/L		101	80 - 120
Selenium	0.100	0.09491		mg/L		95	80 - 120
Thallium	0.100	0.09501		mg/L		95	80 - 120

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

Lab Sample ID: LCSD 860-299681/3-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299681

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4704		mg/L		94	80 - 120	0	20
Antimony			0.100	0.09990		mg/L		100	80 - 120	0	20
Arsenic			0.100	0.09380		mg/L		94	80 - 120	2	20
Barium			0.100	0.09405		mg/L		94	80 - 120	1	20
Beryllium			0.100	0.09409		mg/L		94	80 - 120	3	20
Cadmium			0.100	0.09403		mg/L		94	80 - 120	1	20
Chromium			0.100	0.09503		mg/L		95	80 - 120	1	20
Cobalt			0.100	0.09444		mg/L		94	80 - 120	1	20
Iron			0.500	0.4785		mg/L		96	80 - 120	1	20
Lead			0.100	0.09567		mg/L		96	80 - 120	1	20
Molybdenum			0.100	0.1009		mg/L		101	80 - 120	0	20
Selenium			0.100	0.09453		mg/L		95	80 - 120	0	20
Thallium			0.100	0.09569		mg/L		96	80 - 120	1	20

Lab Sample ID: MB 860-299729/1-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 03:54	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 03:54	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 03:54	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 03:54	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 03:54	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 03:54	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 03:54	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 03:54	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 03:54	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 03:54	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 03:54	1

Lab Sample ID: LCS 860-299729/2-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299729

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum			0.500	0.4861		mg/L		97	80 - 120
Antimony			0.100	0.1040		mg/L		104	80 - 120
Arsenic			0.100	0.09895		mg/L		99	80 - 120
Barium			0.100	0.09825		mg/L		98	80 - 120
Beryllium			0.100	0.09418		mg/L		94	80 - 120
Cadmium			0.100	0.09791		mg/L		98	80 - 120
Chromium			0.100	0.09944		mg/L		99	80 - 120
Cobalt			0.100	0.09843		mg/L		98	80 - 120
Iron			0.500	0.4956		mg/L		99	80 - 120
Lead			0.100	0.09768		mg/L		98	80 - 120
Molybdenum			0.100	0.1059		mg/L		106	80 - 120

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

Lab Sample ID: LCS 860-299729/2-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.1000		mg/L		100	80 - 120
Thallium	0.100	0.09821		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-299729/3-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4884		mg/L		98	80 - 120	0	20
Antimony	0.100	0.1041		mg/L		104	80 - 120	0	20
Arsenic	0.100	0.09988		mg/L		100	80 - 120	1	20
Barium	0.100	0.09844		mg/L		98	80 - 120	0	20
Beryllium	0.100	0.09399		mg/L		94	80 - 120	0	20
Cadmium	0.100	0.09788		mg/L		98	80 - 120	0	20
Chromium	0.100	0.09915		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09841		mg/L		98	80 - 120	0	20
Iron	0.500	0.4962		mg/L		99	80 - 120	0	20
Lead	0.100	0.09797		mg/L		98	80 - 120	0	20
Molybdenum	0.100	0.1061		mg/L		106	80 - 120	0	20
Selenium	0.100	0.1004		mg/L		100	80 - 120	0	20
Thallium	0.100	0.09776		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 860-299992/1-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 09:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 09:15	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 09:15	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 09:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/27/26 09:17	02/28/26 09:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 09:15	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 09:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 09:15	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 09:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/27/26 09:17	02/28/26 09:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 09:15	1

Lab Sample ID: LCS 860-299992/2-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4978		mg/L		100	80 - 120
Antimony	0.100	0.09971		mg/L		100	80 - 120
Arsenic	0.100	0.09912		mg/L		99	80 - 120

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

Lab Sample ID: LCS 860-299992/2-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.09699		mg/L		97	80 - 120
Beryllium	0.100	0.09492		mg/L		95	80 - 120
Cadmium	0.100	0.09703		mg/L		97	80 - 120
Chromium	0.100	0.09955		mg/L		100	80 - 120
Cobalt	0.100	0.09835		mg/L		98	80 - 120
Iron	0.500	0.4914		mg/L		98	80 - 120
Lead	0.100	0.09922		mg/L		99	80 - 120
Molybdenum	0.100	0.1044		mg/L		104	80 - 120
Selenium	0.100	0.09991		mg/L		100	80 - 120
Thallium	0.100	0.09985		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-299992/3-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4915		mg/L		98	80 - 120	1	20
Antimony	0.100	0.09975		mg/L		100	80 - 120	0	20
Arsenic	0.100	0.09882		mg/L		99	80 - 120	0	20
Barium	0.100	0.09655		mg/L		97	80 - 120	0	20
Beryllium	0.100	0.09525		mg/L		95	80 - 120	0	20
Cadmium	0.100	0.09638		mg/L		96	80 - 120	1	20
Chromium	0.100	0.09907		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09808		mg/L		98	80 - 120	0	20
Iron	0.500	0.4891		mg/L		98	80 - 120	0	20
Lead	0.100	0.09971		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1037		mg/L		104	80 - 120	1	20
Selenium	0.100	0.09938		mg/L		99	80 - 120	1	20
Thallium	0.100	0.1004		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-299380/10-A
Matrix: Water
Analysis Batch: 299526

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:01	02/25/26 22:37	1

Lab Sample ID: LCS 860-299380/11-A
Matrix: Water
Analysis Batch: 299526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001889		mg/L		94	80 - 120

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

Lab Sample ID: LCSD 860-299380/12-A
Matrix: Water
Analysis Batch: 299526

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299380

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001920		mg/L		96	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-299928/7
Matrix: Water
Analysis Batch: 299928

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			02/23/26 11:39	1

Lab Sample ID: LCS 860-299928/9
Matrix: Water
Analysis Batch: 299928

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	238.8		mg/L		96	85 - 115		

Lab Sample ID: LCSD 860-299928/10
Matrix: Water
Analysis Batch: 299928

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	240.9		mg/L		96	85 - 115	1	20

Lab Sample ID: LLCS 860-299928/8
Matrix: Water
Analysis Batch: 299928

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	<4.00	U	mg/L		92	50 - 150		

Lab Sample ID: MB 860-300877/3
Matrix: Water
Analysis Batch: 300877

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/02/26 12:27	1

Lab Sample ID: LCS 860-300877/5
Matrix: Water
Analysis Batch: 300877

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	255.6		mg/L		102	85 - 115		

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 860-300877/6
Matrix: Water
Analysis Batch: 300877

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	257.1		mg/L		103	85 - 115	1	20

Lab Sample ID: LLCS 860-300877/4
Matrix: Water
Analysis Batch: 300877

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	5.120		mg/L		128	50 - 150		

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

Lab Sample ID: MB 870-35890/1
Matrix: Water
Analysis Batch: 35890

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	<2.50	U	2.50	2.50	mg/L			02/19/26 15:32	1

Lab Sample ID: LCS 870-35890/2
Matrix: Water
Analysis Batch: 35890

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			1000	954.0		mg/L		95	80 - 120		

Lab Sample ID: LCSD 870-35890/3
Matrix: Water
Analysis Batch: 35890

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	892.0		mg/L		89	80 - 120	7	10

Lab Sample ID: 870-44041-6 DU
Matrix: Water
Analysis Batch: 35890

Client Sample ID: SFL MW-4S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	7880			7860		mg/L				0.3	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-758770/1-A
Matrix: Water
Analysis Batch: 761980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758770

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.33		19.9	20.1	50.0	23.4	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Radium-228	-10.82	U G	35.0	35.0	50.0	62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Combined Radium 226 + 228	14.52	U	40.3	40.4		62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: LCS 160-758770/2-A
Matrix: Water
Analysis Batch: 761983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758770

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	148100		15200		515	pCi/L	104	75 - 125
Cesium-137	37300	36810		3610		234	pCi/L	99	75 - 125
Cobalt-60	48300	47520		4640		154	pCi/L	98	75 - 125

Lab Sample ID: 870-44041-2 DU
Matrix: Water
Analysis Batch: 761980

Client Sample ID: FD-1
Prep Type: Total/NA
Prep Batch: 758770

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	24.8	U	37.36		23.5	50.0	28.5	pCi/L	0.29	1
Radium-228	-1.36	U G	-21.35	U G	30.3	50.0	59.6	pCi/L	0.33	1
Combined Radium 226 + 228	23.5	U	16.01	U	38.3		59.6	pCi/L	0.10	1

Lab Sample ID: MB 160-758959/1-A
Matrix: Water
Analysis Batch: 762148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758959

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.78	U	20.9	21.0	50.0	29.7	pCi/L	02/26/26 10:32	03/19/26 09:04	1
Radium-228	-26.76	U G	33.4	33.5	50.0	62.1	pCi/L	02/26/26 10:32	03/19/26 09:04	1
Combined Radium 226 + 228	-4.980	U	39.4	39.5		62.1	pCi/L	02/26/26 10:32	03/19/26 09:04	1

Lab Sample ID: LCS 160-758959/2-A
Matrix: Water
Analysis Batch: 762150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758959

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	148900		15300		516	pCi/L	105	75 - 125
Cesium-137	37300	36320		3560		218	pCi/L	97	75 - 125
Cobalt-60	48300	47520		4640		152	pCi/L	98	75 - 125

Lab Sample ID: 870-44041-1 DU
Matrix: Water
Analysis Batch: 762554

Client Sample ID: SFL MW-8S
Prep Type: Total/NA
Prep Batch: 758959

Analyte	Sample Result	Sample Qual	DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	RER	RER Limit
Radium-226	27.9	U	19.86	U	23.1	50.0	32.0	pCi/L	0.18	1
Radium-228	-3.45	U G	-5.677	U G	28.6	50.0	51.5	pCi/L	0.03	1
Combined Radium 226 + 228	24.5	U	14.18	U	36.8		51.5	pCi/L	0.13	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-758224/1-A
Matrix: Water
Analysis Batch: 761738

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758224

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.05801	U	0.0571	0.0574	1.00	0.146	pCi/L	02/23/26 07:52	03/17/26 16:46	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*02/23/26 07:52*	*03/17/26 16:46*	*1*

Lab Sample ID: LCS 160-758224/2-A
Matrix: Water
Analysis Batch: 761738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758224

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.400		1.01	1.00	0.110	pCi/L	98	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.3*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-758225/1-A
Matrix: Water
Analysis Batch: 760960

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758225

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.06737	U	0.333	0.333	1.00	0.596	pCi/L	02/23/26 07:55	03/11/26 13:39	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*93.2*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*
Y Carrier	*89.3*		*30 - 110*	*02/23/26 07:55*	*03/11/26 13:39*	*1*

Lab Sample ID: LCS 160-758225/2-A
Matrix: Water
Analysis Batch: 760960

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758225

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.35	8.915		1.22	1.00	0.534	pCi/L	95	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*92.3*		*30 - 110*
Y Carrier	*90.8*		*30 - 110*

HPLC/IC

Analysis Batch: 300520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	9056A	
870-44041-1	SFL MW-8S	Total/NA	Water	9056A	
870-44041-2	FD-1	Total/NA	Water	9056A	
870-44041-2	FD-1	Total/NA	Water	9056A	
870-44041-3	SFL MW-8D	Total/NA	Water	9056A	
870-44041-3	SFL MW-8D	Total/NA	Water	9056A	
870-44041-4	MNW-15D	Total/NA	Water	9056A	
870-44041-4	MNW-15D	Total/NA	Water	9056A	
MB 860-300520/62	Method Blank	Total/NA	Water	9056A	
LCS 860-300520/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-300520/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-300520/66	Lab Control Sample	Total/NA	Water	9056A	
870-44041-1 MS	SFL MW-8S	Total/NA	Water	9056A	
870-44041-1 MSD	SFL MW-8S	Total/NA	Water	9056A	

Analysis Batch: 310503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-5	SFL MW-7S	Total/NA	Water	9056A	
870-44041-6	SFL MW-4S	Total/NA	Water	9056A	
MB 860-310503/62	Method Blank	Total/NA	Water	9056A	
LCS 860-310503/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-310503/64	Lab Control Sample Dup	Total/NA	Water	9056A	

Analysis Batch: 311156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-5	SFL MW-7S	Total/NA	Water	9056A	
870-44041-6	SFL MW-4S	Total/NA	Water	9056A	
MB 860-311156/62	Method Blank	Total/NA	Water	9056A	
LCS 860-311156/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311156/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-311156/66	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 311437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-5	SFL MW-7S	Total/NA	Water	9056A	
870-44041-6	SFL MW-4S	Total/NA	Water	9056A	
MB 860-311437/3	Method Blank	Total/NA	Water	9056A	
LCS 860-311437/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311437/5	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Filtration Batch: 297186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-297186/20-D	Method Blank	Total/NA	Water	Filtration	
LCS 860-297186/21-D	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-297186/22-D	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 299295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-2	FD-1	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 299295 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-4	MNW-15D	Total/NA	Water	3010A	
870-44041-6	SFL MW-4S	Total/NA	Water	3010A	
MB 860-299295/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299295/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299295/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 299380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	7470A	
870-44041-2	FD-1	Total/NA	Water	7470A	
870-44041-3	SFL MW-8D	Total/NA	Water	7470A	
870-44041-4	MNW-15D	Total/NA	Water	7470A	
870-44041-5	SFL MW-7S	Total/NA	Water	7470A	
870-44041-6	SFL MW-4S	Total/NA	Water	7470A	
MB 860-299380/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-299380/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-299380/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 299526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	7470A	299380
870-44041-2	FD-1	Total/NA	Water	7470A	299380
870-44041-3	SFL MW-8D	Total/NA	Water	7470A	299380
870-44041-4	MNW-15D	Total/NA	Water	7470A	299380
870-44041-5	SFL MW-7S	Total/NA	Water	7470A	299380
870-44041-6	SFL MW-4S	Total/NA	Water	7470A	299380
MB 860-299380/10-A	Method Blank	Total/NA	Water	7470A	299380
LCS 860-299380/11-A	Lab Control Sample	Total/NA	Water	7470A	299380
LCSD 860-299380/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	299380

Analysis Batch: 299582

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-2	FD-1	Total/NA	Water	6010D	299295
870-44041-2	FD-1	Total/NA	Water	6010D	299295
870-44041-4	MNW-15D	Total/NA	Water	6010D	299295
870-44041-4	MNW-15D	Total/NA	Water	6010D	299295
870-44041-6	SFL MW-4S	Total/NA	Water	6010D	299295
870-44041-6	SFL MW-4S	Total/NA	Water	6010D	299295
MB 860-299295/1-A	Method Blank	Total/NA	Water	6010D	299295
LCS 860-299295/2-A	Lab Control Sample	Total/NA	Water	6010D	299295
LCSD 860-299295/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	299295

Prep Batch: 299681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-2	FD-1	Total/NA	Water	3010A	
870-44041-6	SFL MW-4S	Total/NA	Water	3010A	
MB 860-299681/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299681/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299681/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Metals

Prep Batch: 299729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	3010A	
870-44041-3	SFL MW-8D	Total/NA	Water	3010A	
870-44041-4	MNW-15D	Total/NA	Water	3010A	
MB 860-299729/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 299732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	3010A	
870-44041-3	SFL MW-8D	Total/NA	Water	3010A	
870-44041-5	SFL MW-7S	Total/NA	Water	3010A	
MB 860-297186/20-D	Method Blank	Total/NA	Water	3010A	297186
LCS 860-297186/21-D	Lab Control Sample	Total/NA	Water	3010A	297186
LCSD 860-297186/22-D	Lab Control Sample Dup	Total/NA	Water	3010A	297186

Prep Batch: 299992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-5	SFL MW-7S	Total/NA	Water	3010A	
MB 860-299992/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 300112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	6010D	299732
870-44041-1	SFL MW-8S	Total/NA	Water	6010D	299732
870-44041-3	SFL MW-8D	Total/NA	Water	6010D	299732
870-44041-3	SFL MW-8D	Total/NA	Water	6010D	299732
870-44041-5	SFL MW-7S	Total/NA	Water	6010D	299732
870-44041-5	SFL MW-7S	Total/NA	Water	6010D	299732
870-44041-5	SFL MW-7S	Total/NA	Water	6010D	299732
MB 860-297186/20-D	Method Blank	Total/NA	Water	6010D	299732
LCS 860-297186/21-D	Lab Control Sample	Total/NA	Water	6010D	299732
LCSD 860-297186/22-D	Lab Control Sample Dup	Total/NA	Water	6010D	299732

Analysis Batch: 300428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	6020B	299729
870-44041-3	SFL MW-8D	Total/NA	Water	6020B	299729
870-44041-4	MNW-15D	Total/NA	Water	6020B	299729
MB 860-299729/1-A	Method Blank	Total/NA	Water	6020B	299729
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	6020B	299729
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299729

Analysis Batch: 300430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-5	SFL MW-7S	Total/NA	Water	6020B	299992
MB 860-299992/1-A	Method Blank	Total/NA	Water	6020B	299992
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	6020B	299992
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299992

Metals

Analysis Batch: 300666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-5	SFL MW-7S	Total/NA	Water	6020B	299992

Analysis Batch: 301044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-2	FD-1	Total/NA	Water	6020B	299681
870-44041-2	FD-1	Total/NA	Water	6020B	299681
870-44041-6	SFL MW-4S	Total/NA	Water	6020B	299681
MB 860-299681/1-A	Method Blank	Total/NA	Water	6020B	299681
LCS 860-299681/2-A	Lab Control Sample	Total/NA	Water	6020B	299681
LCSD 860-299681/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299681

General Chemistry

Analysis Batch: 35890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	SM 2540C	
870-44041-2	FD-1	Total/NA	Water	SM 2540C	
870-44041-3	SFL MW-8D	Total/NA	Water	SM 2540C	
870-44041-4	MNW-15D	Total/NA	Water	SM 2540C	
870-44041-5	SFL MW-7S	Total/NA	Water	SM 2540C	
870-44041-6	SFL MW-4S	Total/NA	Water	SM 2540C	
MB 870-35890/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-35890/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-35890/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-44041-6 DU	SFL MW-4S	Total/NA	Water	SM 2540C	

Analysis Batch: 35978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	SM 4500 H+ B	
870-44041-2	FD-1	Total/NA	Water	SM 4500 H+ B	
870-44041-3	SFL MW-8D	Total/NA	Water	SM 4500 H+ B	
870-44041-4	MNW-15D	Total/NA	Water	SM 4500 H+ B	
870-44041-5	SFL MW-7S	Total/NA	Water	SM 4500 H+ B	
870-44041-6	SFL MW-4S	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 299928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	SM 2320B	
MB 860-299928/7	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-299928/9	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-299928/10	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-299928/8	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 300877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-2	FD-1	Total/NA	Water	SM 2320B	
870-44041-3	SFL MW-8D	Total/NA	Water	SM 2320B	
870-44041-4	MNW-15D	Total/NA	Water	SM 2320B	
870-44041-5	SFL MW-7S	Total/NA	Water	SM 2320B	
870-44041-6	SFL MW-4S	Total/NA	Water	SM 2320B	
MB 860-300877/3	Method Blank	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 300877 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-300877/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-300877/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-300877/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 758224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	PrecSep-21	
870-44041-2	FD-1	Total/NA	Water	PrecSep-21	
870-44041-3	SFL MW-8D	Total/NA	Water	PrecSep-21	
870-44041-4	MNW-15D	Total/NA	Water	PrecSep-21	
870-44041-5	SFL MW-7S	Total/NA	Water	PrecSep-21	
870-44041-6	SFL MW-4S	Total/NA	Water	PrecSep-21	
MB 160-758224/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758224/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 758225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	PrecSep_0	
870-44041-2	FD-1	Total/NA	Water	PrecSep_0	
870-44041-3	SFL MW-8D	Total/NA	Water	PrecSep_0	
870-44041-4	MNW-15D	Total/NA	Water	PrecSep_0	
870-44041-5	SFL MW-7S	Total/NA	Water	PrecSep_0	
870-44041-6	SFL MW-4S	Total/NA	Water	PrecSep_0	
MB 160-758225/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758225/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 758770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-2	FD-1	Total/NA	Water	Fill_Geo-21	
870-44041-3	SFL MW-8D	Total/NA	Water	Fill_Geo-21	
870-44041-4	MNW-15D	Total/NA	Water	Fill_Geo-21	
MB 160-758770/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758770/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-44041-2 DU	FD-1	Total/NA	Water	Fill_Geo-21	

Prep Batch: 758959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44041-1	SFL MW-8S	Total/NA	Water	Fill_Geo-21	
870-44041-5	SFL MW-7S	Total/NA	Water	Fill_Geo-21	
870-44041-6	SFL MW-4S	Total/NA	Water	Fill_Geo-21	
MB 160-758959/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758959/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-44041-1 DU	SFL MW-8S	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-44041-1
Date Collected: 02/17/26 09:05
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/02/26 19:48	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/02/26 19:57	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 14:04	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		5			300112	02/27/26 14:07	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 05:22	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:28	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			299928	02/23/26 13:23	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	35890	02/19/26 15:32	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762558	03/23/26 18:07	ASA	EET SL
Total/NA	Prep	PrecSep-21			1005.41 mL	1.0 g	758224	02/23/26 07:52	VLQ	EET SL
Total/NA	Analysis	903.0		1			761738	03/17/26 16:47	SWS	EET SL
Total/NA	Prep	PrecSep_0			1005.41 mL	1.0 g	758225	02/23/26 07:55	VLQ	EET SL
Total/NA	Analysis	904.0		1			760960	03/11/26 13:39	SWS	EET SL

Client Sample ID: FD-1
Lab Sample ID: 870-44041-2
Date Collected: 02/17/26 09:10
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/02/26 20:43	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/02/26 20:52	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299295	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6010D		1			299582	02/25/26 19:21	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299295	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6010D		5			299582	02/25/26 19:23	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299681	02/26/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 04:58	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299681	02/26/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		5			301044	03/03/26 05:01	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:31	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 14:16	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	35890	02/19/26 15:32	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761979	03/18/26 09:10	ASA	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: FD-1
Lab Sample ID: 870-44041-2
Date Collected: 02/17/26 09:10
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.83 mL	1.0 g	758224	02/23/26 07:52	VLQ	EET SL
Total/NA	Analysis	903.0		1			761738	03/17/26 16:47	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.83 mL	1.0 g	758225	02/23/26 07:55	VLQ	EET SL
Total/NA	Analysis	904.0		1			760960	03/11/26 13:39	SWS	EET SL

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-44041-3
Date Collected: 02/17/26 10:45
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/02/26 21:01	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/02/26 21:10	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 14:24	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		5			300112	02/27/26 14:26	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 05:19	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:34	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 14:00	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	35890	02/19/26 15:32	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761977	03/18/26 09:10	CAH	EET SL
Total/NA	Prep	PrecSep-21			1003.19 mL	1.0 g	758224	02/23/26 07:52	VLQ	EET SL
Total/NA	Analysis	903.0		1			761738	03/17/26 16:47	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.19 mL	1.0 g	758225	02/23/26 07:55	VLQ	EET SL
Total/NA	Analysis	904.0		1			760960	03/11/26 13:39	SWS	EET SL

Client Sample ID: MNW-15D
Lab Sample ID: 870-44041-4
Date Collected: 02/17/26 12:15
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/02/26 21:19	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/02/26 21:28	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299295	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6010D		1			299582	02/25/26 19:37	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299295	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6010D		10			299582	02/25/26 19:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 04:26	SHZ	EET HOU

Client Sample ID: MNW-15D
Lab Sample ID: 870-44041-4

Date Collected: 02/17/26 12:15
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:38	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 13:45	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	35890	02/19/26 15:32	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761978	03/18/26 09:12	CAH	EET SL
Total/NA	Prep	PrecSep-21			1003.18 mL	1.0 g	758224	02/23/26 07:52	VLQ	EET SL
Total/NA	Analysis	903.0		1			761738	03/17/26 19:11	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.18 mL	1.0 g	758225	02/23/26 07:55	VLQ	EET SL
Total/NA	Analysis	904.0		1			760960	03/11/26 13:40	SWS	EET SL

Client Sample ID: SFL MW-7S
Lab Sample ID: 870-44041-5

Date Collected: 02/17/26 13:45
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			310503	04/04/26 04:26	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 15:37	RJD	EET HOU
Total/NA	Analysis	9056A		10			311156	04/06/26 21:27	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 14:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		5			300112	02/27/26 14:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		50			300112	02/27/26 14:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 09:58	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:19	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:41	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 13:51	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	35890	02/19/26 15:32	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762051	03/19/26 09:05	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.96 mL	1.0 g	758224	02/23/26 07:52	VLQ	EET SL
Total/NA	Analysis	903.0		1			761738	03/17/26 19:11	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.96 mL	1.0 g	758225	02/23/26 07:55	VLQ	EET SL
Total/NA	Analysis	904.0		1			760960	03/11/26 13:40	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-4S
Lab Sample ID: 870-44041-6

Date Collected: 02/17/26 15:05
Matrix: Water

Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			310503	04/04/26 04:06	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 15:57	RJD	EET HOU
Total/NA	Analysis	9056A		10			311156	04/06/26 21:39	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299295	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6010D		1			299582	02/25/26 19:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299295	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6010D		5			299582	02/25/26 19:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299681	02/26/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 04:55	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:44	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 14:07	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	35890	02/19/26 15:32	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762055	03/19/26 09:06	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.96 mL	1.0 g	758224	02/23/26 07:52	VLQ	EET SL
Total/NA	Analysis	903.0		1			761738	03/17/26 19:11	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.96 mL	1.0 g	758225	02/23/26 07:55	VLQ	EET SL
Total/NA	Analysis	904.0		1			760960	03/11/26 13:39	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Job ID: 870-44041-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-44041-1	SFL MW-8S	Water	02/17/26 09:05	02/19/26 09:30	Texas
870-44041-2	FD-1	Water	02/17/26 09:10	02/19/26 09:30	Texas
870-44041-3	SFL MW-8D	Water	02/17/26 10:45	02/19/26 09:30	Texas
870-44041-4	MNW-15D	Water	02/17/26 12:15	02/19/26 09:30	Texas
870-44041-5	SFL MW-7S	Water	02/17/26 13:45	02/19/26 09:30	Texas
870-44041-6	SFL MW-4S	Water	02/17/26 15:05	02/19/26 09:30	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

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Client Information	Sampler: WR Cullen	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS					Total Number of containers	Special Instructions/Note:
Preservation Code:							D	D	N	N	N	D	D	N	N						
SFL MW-8S	2/17/26	0905	G	W			X	X	X	X	X	X		X	X					6	
FD-1	2/17/26	0910	G	W			X	X	X	X	X	X		X	X					6	
SFL MW-8D	2/17/26	1045	G	W			X	X	X	X	X	X		X	X					6	
MNW-15D	2/17/26	1215	G	W			X	X	X	X	X	X		X	X					6	
SFL MW-7S	2/17/26	1345	G	W			X	X	X	X	X	X		X	X					6	
SFL MW-4S	2/17/26	1505	G	W			X	X	X	X	X	X		X	X					6	

870-44041 Chain of Custody

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

...d if samples are retained longer than 1 month)
☐ ...l 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: WRCul	Date/Time: 2/18/26 1500	Company	Received by: FEDEX	Date/Time: ~~2/19/26~~ 930	Company
Relinquished by: FEDEX	Date/Time: 2/19/26 930	Company	Received by: VMES	Date/Time: 2/19/26 930	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: 0.6/0.7 0.4/0.3 THM-027 -01

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9952.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-44041-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/26/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GIBBONS CREEK STEAM ELECTRIC STATION	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SFL MW-85 (870-44041-1)	2/17/26	09:05 Central	G	Water			X	X	X	2	
FD-1 (870-44041-2)	2/17/26	09:10 Central	G	Water			X	X	X	2	
SFL MW-8D (870-44041-3)	2/17/26	10:45 Central	G	Water			X	X	X	2	
MNW-15D (870-44041-4)	2/17/26	12:15 Central	G	Water			X	X	X	2	
SFL MW-75 (870-44041-5)	2/17/26	13:45 Central	G	Water			X	X	X	2	
SFL MW-45 (870-44041-6)	2/17/26	15:05 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	02/19/26 1700		TPX	FEDEX	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: FEB 19 2026	Date/Time: FEB 19 2026	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: Sierra Worthington 2/20/26 0840 EDASN

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44041-1
SDG Number:

Login Number: 44041
List Number: 1
Creator: Stoaks, Miya L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44041-1
SDG Number:

Login Number: 44041
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 02/20/26 10:31 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44041-1
SDG Number:

Login Number: 44041
List Number: 3
Creator: Worthington, Sierra M

List Source: Eurofins St. Louis
List Creation: 02/20/26 12:26 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 4/15/2026 11:18:50 AM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-44043-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

my EOL

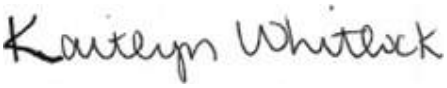
Eurofins Dallas

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 10
Tracer Carrier Summary 21
QC Sample Results 22
QC Association Summary 39
Lab Chronicle 45
Certification Summary 49
Method Summary 50
Sample Summary 51
Chain of Custody 52
Receipt Checklists 54

Definitions/Glossary

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
870-44043-1

REVISION

The report being provided is a revision of the original report sent on 3/22/2026. The report (revision 1) is being revised due to 6010 needs to be added and sulfate re-ran by client request..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/19/2026 9:30 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 0.1°C and 0.5°C.

HPLC/IC
Method 9056A: Reanalysis of the following samples were performed outside of the analytical holding time due to Errors on initial run : AP PZ-4 (870-44043-2), SFL MW-2D (870-44043-4) and SFL MW-3D (870-44043-5).

Method 9056A: Reanalysis of the following samples were performed outside of the analytical holding time due to Errors on the initial run : AP PZ-4 (870-44043-2), SFL MW-2D (870-44043-4) and SFL MW-3D (870-44043-5).

Method 9056A: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to Error in original batch. : AP PZ-4 (870-44043-2), SFL MW-2D (870-44043-4) and SFL MW-3D (870-44043-5).

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

Metals
Method 6010D - Dissolved: The method blank for preparation batch 860-299160 and 860-299995 and analytical batch 860-300317 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The following samples were diluted to bring the concentration of target analytes within the calibration range: SFL MW-2D (870-44043-4) and SFL MW-3D (870-44043-5). Elevated reporting limits (RLs) are provided.

Method 6010D - Dissolved: The method blank for preparation batch 860-301801 and analytical batch 860-302250 contained Antimony above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The continuing calibration blank (CCB) for analytical batch 860-302250 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6020B: The method blank for preparation batch 860-299291 and analytical batch 860-300166 contained Chromium and Iron above the method detection limit. This target analyte concentration was less than half the reporting limit (1/2RL) in the method blank; therefore re-analysis of samples was not performed.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: AP PZ-1 (870-44043-1) and SFL MW-2D (870-44043-4). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples AP PZ-1 (870-44043-1), AP PZ-4 (870-44043-2), EB-1 (870-44043-3), SFL MW-2D (870-44043-4), SFL MW-3D (870-44043-5) and SFL MW-5D (870-44043-6) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 758770

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Method 901.1: Gamma Batch 758770

The Ra 228 MDC for the method blank (MB) is above the requested limit of 50.0 pCi/L . Activity was not observed in the MB above the MDC or RL. The data have been reported with the MDC achieved. (MB 160-758770/1-A).

Method 901.1: Gamma Batch 758770

The detection goal was not met for Ra-226 and /or Ra-228 for the following samples. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Cs-137 is well below the RL and MDC.
AP PZ-1 (870-44043-1), AP PZ-4 (870-44043-2), EB-1 (870-44043-3), SFL MW-2D (870-44043-4), (870-44041-A-2-A) and (870-44041-A-2-B DU)

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

Gas Flow Proportional Counter
Method 904.0: Radium 228 Batch 758532

Job ID: 870-44043-1 (Continued) Eurofins Dallas

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. SFL MW-3D (870-44043-5)

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

Job ID: 870-44043-2 Eurofins Dallas

Job Narrative
870-44043-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/19/2026 9:30 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 0.1°C and 0.5°C.

Metals
Method 6010D: The following sample was diluted due to the nature of the sample matrix: AP PZ-1 (870-44043-1). Elevated reporting limits (RLs) are provided.

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-311931 and analytical batch 860-312799 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: The following samples were diluted due to the nature of the sample matrix: AP PZ-4 (870-44043-2), EB-1 (870-44043-3), SFL MW-2D (870-44043-4), SFL MW-3D (870-44043-5) and SFL MW-5D (870-44043-6). Elevated reporting limits (RLs) are provided.

Method 6010D: The difference between dissolved and total for Potassium and Boron is 20%.

Method 6010D: The difference between dissolved and total for Sodium, Magnesium, Potassium and Boron is 20%.

Method 6010D: The difference between dissolved and total for Calcium, Magnesium, Potassium and Boron is 20%.

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

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP PZ-1
Date Collected: 02/16/26 09:35
Date Received: 02/19/26 09:30

Lab Sample ID: 870-44043-1
Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2660		5.00	2.50	mg/L			03/02/26 22:04	10
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 21:55	1
Sulfate	1990		5.00	2.00	mg/L			03/02/26 22:04	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.313		0.250	0.0809	mg/L		04/08/26 13:25	04/10/26 14:05	5
Calcium	925		1.00	0.508	mg/L		04/08/26 13:25	04/10/26 14:05	5
Magnesium	178		1.00	0.222	mg/L		04/08/26 13:25	04/10/26 14:05	5
Potassium	53.5		2.50	0.530	mg/L		04/08/26 13:25	04/10/26 14:05	5
Sodium	993		12.5	3.79	mg/L		04/08/26 13:25	04/10/26 14:07	25
Lithium	1.08		0.200	0.0868	mg/L		04/08/26 13:25	04/10/26 14:05	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.311		0.0200	0.00549	mg/L		02/25/26 11:00	02/27/26 17:40	1
Antimony	<0.00150	U	0.00400	0.00150	mg/L		02/25/26 11:00	03/02/26 03:40	2
Arsenic	0.00453		0.00400	0.000690	mg/L		02/25/26 11:00	02/27/26 17:40	1
Barium	0.0211		0.00400	0.00134	mg/L		02/25/26 11:00	02/27/26 17:40	1
Beryllium	0.00577		0.00200	0.000271	mg/L		02/25/26 11:00	02/27/26 22:54	1
Cadmium	0.00666		0.00200	0.000240	mg/L		02/25/26 11:00	02/27/26 17:40	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/25/26 11:00	02/27/26 22:54	1
Cobalt	0.0357		0.00200	0.000355	mg/L		02/25/26 11:00	02/27/26 17:40	1
Iron	0.884	B	0.0200	0.00445	mg/L		02/25/26 11:00	02/27/26 17:40	1
Lead	0.000674	J	0.00200	0.000367	mg/L		02/25/26 11:00	02/27/26 22:54	1
Molybdenum	0.000300	J	0.00200	0.000255	mg/L		02/25/26 11:00	02/27/26 17:40	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/25/26 11:00	03/09/26 20:07	1
Thallium	0.00216		0.00200	0.000415	mg/L		02/25/26 11:00	02/27/26 22:54	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:00	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	7.44		4.00	4.00	mg/L			02/23/26 13:18	1
Total Dissolved Solids (SM 2540C)	7090		50.0	50.0	mg/L			02/23/26 14:55	1
pH (SM 4500 H+ B)	4.8	HF			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	21.4	HF			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.5	U	20.2	20.3	50.0	27.7	pCi/L	02/25/26 13:59	03/18/26 09:12	1
Radium-228	0.000	U G	19.1	19.1	50.0	52.3	pCi/L	02/25/26 13:59	03/18/26 09:12	1
Combined Radium 226 + 228	25.5	U	27.8	27.9		52.3	pCi/L	02/25/26 13:59	03/18/26 09:12	1

Client Sample ID: AP PZ-1
Lab Sample ID: 870-44043-1
Date Collected: 02/16/26 09:35
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.16**		0.296	0.354	1.00	0.177	pCi/L	02/24/26 06:55	03/18/26 12:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*02/24/26 06:55*	*03/18/26 12:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**8.32**		0.981	1.24	1.00	0.669	pCi/L	02/24/26 07:04	03/13/26 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.0*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*
Y Carrier	*81.5*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*

Client Sample ID: AP PZ-4
Lab Sample ID: 870-44043-2
Date Collected: 02/16/26 11:30
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2370**	**H**	5.00	2.50	mg/L			04/04/26 03:16	10
Fluoride	<0.100	U H	0.500	0.100	mg/L			04/06/26 20:52	1
Sulfate	**115**	**H**	0.500	0.200	mg/L			04/07/26 14:37	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.366**		0.250	0.0809	mg/L		04/08/26 13:25	04/10/26 14:27	5
Calcium	**494**		1.00	0.508	mg/L		04/08/26 13:25	04/10/26 14:27	5
Magnesium	**13.1**		1.00	0.222	mg/L		04/08/26 13:25	04/10/26 14:27	5
Potassium	**59.5**		2.50	0.530	mg/L		04/08/26 13:25	04/10/26 14:27	5
Sodium	**835**		2.50	0.759	mg/L		04/08/26 13:25	04/10/26 14:27	5
Lithium	**0.750**		0.200	0.0868	mg/L		04/08/26 13:25	04/10/26 14:27	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0136**	**J**	0.0200	0.00549	mg/L		02/26/26 11:00	03/03/26 04:47	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 11:00	03/03/26 04:47	1
Arsenic	**0.00109**	**J**	0.00400	0.000690	mg/L		02/26/26 11:00	03/03/26 04:47	1
Barium	**0.212**		0.00400	0.00134	mg/L		02/26/26 11:00	03/03/26 04:47	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 11:00	03/03/26 04:47	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 11:00	03/03/26 04:47	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 11:00	03/03/26 04:47	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 11:00	03/03/26 04:47	1
Iron	**0.00740**	**J**	0.0200	0.00445	mg/L		02/26/26 11:00	03/03/26 04:47	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 11:00	03/03/26 04:47	1
Molybdenum	**0.000933**	**J**	0.00200	0.000255	mg/L		02/26/26 11:00	03/03/26 04:47	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 11:00	03/03/26 04:47	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 11:00	03/03/26 04:47	1

Client Sample ID: AP PZ-4
Lab Sample ID: 870-44043-2
Date Collected: 02/16/26 11:30
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:04	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**13.8**		4.00	4.00	mg/L			02/23/26 13:26	1
Total Dissolved Solids (SM 2540C)	**5260**		20.0	20.0	mg/L			02/23/26 14:55	1
pH (SM 4500 H+ B)	**7.8**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**21.7**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	22.0	U G	35.6	35.6	50.0	56.4	pCi/L	02/25/26 13:59	03/18/26 10:40	1
Radium-228	-7.46	U G	52.4	52.5	50.0	70.8	pCi/L	02/25/26 13:59	03/18/26 10:40	1
Combined Radium 226 + 228	14.6	U	63.3	63.4		70.8	pCi/L	02/25/26 13:59	03/18/26 10:40	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.931**		0.213	0.229	1.00	0.181	pCi/L	02/24/26 06:55	03/18/26 12:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*02/24/26 06:55*	*03/18/26 12:37*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.45**		0.614	0.654	1.00	0.687	pCi/L	02/24/26 07:04	03/13/26 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:54*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:54*	*1*

Client Sample ID: EB-1
Lab Sample ID: 870-44043-3
Date Collected: 02/17/26 16:30
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.595**		0.500	0.250	mg/L			03/03/26 09:39	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/03/26 09:39	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/03/26 09:39	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0809	U	0.250	0.0809	mg/L		04/08/26 13:25	04/10/26 14:29	5
Calcium	<0.508	U	1.00	0.508	mg/L		04/08/26 13:25	04/10/26 14:29	5
Magnesium	<0.222	U	1.00	0.222	mg/L		04/08/26 13:25	04/10/26 14:29	5

Client Sample ID: EB-1
Lab Sample ID: 870-44043-3
Date Collected: 02/17/26 16:30
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.530	U	2.50	0.530	mg/L		04/08/26 13:25	04/10/26 14:29	5
Sodium	**1.09**	**J**	2.50	0.759	mg/L		04/08/26 13:25	04/10/26 14:29	5
Lithium	<0.0868	U	0.200	0.0868	mg/L		04/08/26 13:25	04/10/26 14:29	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0179**	**J**	0.0200	0.00549	mg/L		02/26/26 11:00	03/03/26 04:49	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 11:00	03/03/26 04:49	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 11:00	03/03/26 04:49	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 11:00	03/03/26 04:49	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 11:00	03/03/26 04:49	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 11:00	03/03/26 04:49	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 11:00	03/03/26 04:49	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 11:00	03/03/26 04:49	1
Iron	**0.0118**	**J**	0.0200	0.00445	mg/L		02/26/26 11:00	03/03/26 04:49	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 11:00	03/03/26 04:49	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 11:00	03/03/26 04:49	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 11:00	03/03/26 04:49	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 11:00	03/03/26 04:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/02/26 15:05	1
Total Dissolved Solids (SM 2540C)	**3010**		20.0	20.0	mg/L			02/23/26 15:12	1
pH (SM 4500 H+ B)	**7.0**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**21.9**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**26.6**		23.0	23.2	50.0	26.4	pCi/L	02/25/26 13:59	03/18/26 10:38	1
Radium-228	-8.19	U G	33.5	33.5	50.0	55.5	pCi/L	02/25/26 13:59	03/18/26 10:38	1
Combined Radium 226 + 228	18.4	U	40.6	40.7		55.5	pCi/L	02/25/26 13:59	03/18/26 10:38	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.0386	U	0.0711	0.0711	1.00	0.127	pCi/L	02/24/26 06:55	03/18/26 14:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*02/24/26 06:55*	*03/18/26 14:39*	*1*

Client Sample ID: EB-1
Lab Sample ID: 870-44043-3
Date Collected: 02/17/26 16:30
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.197	U	0.414	0.414	1.00	0.795	pCi/L	02/24/26 07:04	03/13/26 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:54*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:54*	*1*

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-44043-4
Date Collected: 02/17/26 12:25
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1530**	**H**	5.00	2.50	mg/L			04/04/26 01:56	10
Fluoride	**0.110**	**J H**	0.500	0.100	mg/L			04/06/26 20:28	1
Sulfate	**1340**	**H**	5.00	2.00	mg/L			04/07/26 14:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.57**		0.250	0.0809	mg/L		04/08/26 13:25	04/10/26 14:31	5
Calcium	**399**		1.00	0.508	mg/L		04/08/26 13:25	04/10/26 14:31	5
Magnesium	**49.5**		1.00	0.222	mg/L		04/08/26 13:25	04/10/26 14:31	5
Potassium	**42.6**		2.50	0.530	mg/L		04/08/26 13:25	04/10/26 14:31	5
Sodium	**920**		2.50	0.759	mg/L		04/08/26 13:25	04/10/26 14:31	5
Lithium	**0.550**		0.200	0.0868	mg/L		04/08/26 13:25	04/10/26 14:31	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.14**		0.200	0.0352	mg/L		02/27/26 09:20	02/27/26 17:33	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		02/27/26 09:20	02/27/26 17:33	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		02/27/26 09:20	02/27/26 17:33	1
Barium	**0.0271**		0.0100	0.00125	mg/L		02/27/26 09:20	02/27/26 17:33	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		02/27/26 09:20	02/27/26 17:33	1
Boron	**1.82**		0.0500	0.0162	mg/L		02/27/26 09:20	02/27/26 17:33	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		02/27/26 09:20	02/27/26 17:33	1
Calcium	**374**		0.200	0.102	mg/L		02/27/26 09:20	02/27/26 17:33	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		02/27/26 09:20	02/27/26 17:33	1
Cobalt	**0.00247**	**J**	0.0100	0.00123	mg/L		02/27/26 09:20	02/27/26 17:33	1
Iron	**0.608**		0.200	0.0283	mg/L		02/27/26 09:20	02/27/26 17:33	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		02/27/26 09:20	02/27/26 17:33	1
Magnesium	**50.5**		0.200	0.0445	mg/L		02/27/26 09:20	02/27/26 17:33	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		02/27/26 09:20	02/27/26 17:33	1
Potassium	**50.4**		0.500	0.106	mg/L		02/27/26 09:20	02/27/26 17:33	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		02/27/26 09:20	02/27/26 17:33	1
Sodium	**973**		5.00	1.52	mg/L		02/27/26 09:20	02/27/26 17:35	10
Thallium	<0.0110	U	0.0200	0.0110	mg/L		02/27/26 09:20	02/27/26 17:33	1
Li	**0.573**	**B**	0.0400	0.0174	mg/L		02/27/26 09:20	02/27/26 17:33	1

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-44043-4

Date Collected: 02/17/26 12:25
Matrix: Water
Date Received: 02/19/26 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.866**		0.0200	0.00549	mg/L		02/25/26 11:00	02/27/26 17:37	1
Antimony	<0.00150	U	0.00400	0.00150	mg/L		02/25/26 11:00	03/02/26 03:38	2
Arsenic	**0.00238**	**J**	0.00400	0.000690	mg/L		02/25/26 11:00	02/27/26 17:37	1
Barium	**0.0229**		0.00400	0.00134	mg/L		02/25/26 11:00	02/27/26 17:37	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/25/26 11:00	02/27/26 17:37	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/25/26 11:00	02/27/26 17:37	1
Chromium	**0.000830**	**J B**	0.00400	0.000560	mg/L		02/25/26 11:00	02/27/26 22:51	1
Cobalt	**0.00275**		0.00200	0.000355	mg/L		02/25/26 11:00	02/27/26 17:37	1
Iron	**0.645**	**B**	0.0200	0.00445	mg/L		02/25/26 11:00	02/27/26 17:37	1
Lead	**0.00104**	**J**	0.00200	0.000367	mg/L		02/25/26 11:00	02/27/26 22:51	1
Molybdenum	**0.00131**	**J**	0.00200	0.000255	mg/L		02/25/26 11:00	02/27/26 17:37	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/25/26 11:00	03/09/26 20:04	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/25/26 11:00	02/27/26 22:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:17	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/26/26 00:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**77.4**		4.00	4.00	mg/L			03/02/26 14:45	1
Total Dissolved Solids (SM 2540C)	**4990**		20.0	20.0	mg/L			02/23/26 15:12	1
pH (SM 4500 H+ B)	**6.2**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**21.3**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	18.8	U	18.0	18.1	50.0	26.6	pCi/L	02/25/26 13:59	03/18/26 10:39	1
Radium-228	6.53	U G	11.8	11.8	50.0	50.8	pCi/L	02/25/26 13:59	03/18/26 10:39	1
Combined Radium 226 + 228	25.3	U	21.5	21.6		50.8	pCi/L	02/25/26 13:59	03/18/26 10:39	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.599**		0.197	0.204	1.00	0.191	pCi/L	02/24/26 06:55	03/18/26 14:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*02/24/26 06:55*	*03/18/26 14:39*	*1*

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-44043-4
Date Collected: 02/17/26 12:25
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.95**		0.824	0.867	1.00	0.939	pCi/L	02/24/26 07:04	03/13/26 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.6*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*
Y Carrier	*79.3*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-44043-5
Date Collected: 02/17/26 15:50
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1560**	**H**	5.00	2.50	mg/L			04/04/26 03:56	10
Fluoride	<0.100	U H	0.500	0.100	mg/L			04/06/26 21:04	1
Sulfate	**788**	**H**	5.00	2.00	mg/L			04/07/26 15:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.735**		0.250	0.0809	mg/L		04/08/26 13:25	04/10/26 14:38	5
Calcium	**359**		1.00	0.508	mg/L		04/08/26 13:25	04/10/26 14:38	5
Magnesium	**51.0**		1.00	0.222	mg/L		04/08/26 13:25	04/10/26 14:38	5
Potassium	**39.4**		2.50	0.530	mg/L		04/08/26 13:25	04/10/26 14:38	5
Sodium	**800**		2.50	0.759	mg/L		04/08/26 13:25	04/10/26 14:38	5
Lithium	**0.525**		0.200	0.0868	mg/L		04/08/26 13:25	04/10/26 14:38	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.630**		0.200	0.0352	mg/L		02/27/26 09:20	02/27/26 17:39	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		02/27/26 09:20	02/27/26 17:39	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		02/27/26 09:20	02/27/26 17:39	1
Barium	**0.0354**		0.0100	0.00125	mg/L		02/27/26 09:20	02/27/26 17:39	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		02/27/26 09:20	02/27/26 17:39	1
Boron	**0.856**		0.0500	0.0162	mg/L		02/27/26 09:20	02/27/26 17:39	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		02/27/26 09:20	02/27/26 17:39	1
Calcium	**367**		0.200	0.102	mg/L		02/27/26 09:20	02/27/26 17:39	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		02/27/26 09:20	02/27/26 17:39	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		02/27/26 09:20	02/27/26 17:39	1
Iron	**2.96**		0.200	0.0283	mg/L		02/27/26 09:20	02/27/26 17:39	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		02/27/26 09:20	02/27/26 17:39	1
Magnesium	**56.7**		0.200	0.0445	mg/L		02/27/26 09:20	02/27/26 17:39	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		02/27/26 09:20	02/27/26 17:39	1
Potassium	**49.2**		0.500	0.106	mg/L		02/27/26 09:20	02/27/26 17:39	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		02/27/26 09:20	02/27/26 17:39	1
Sodium	**891**		5.00	1.52	mg/L		02/27/26 09:20	02/27/26 17:41	10
Thallium	<0.0110	U	0.0200	0.0110	mg/L		02/27/26 09:20	02/27/26 17:39	1
Li	**0.537**	**B**	0.0400	0.0174	mg/L		02/27/26 09:20	02/27/26 17:39	1

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-44043-5

Date Collected: 02/17/26 15:50
Matrix: Water
Date Received: 02/19/26 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0909**		0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 04:28	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 04:28	1
Arsenic	**0.00156**	**J**	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 04:28	1
Barium	**0.0250**		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 04:28	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 04:28	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 04:28	1
Chromium	**0.000910**	**J**	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 04:28	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 04:28	1
Iron	**2.16**		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 04:28	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 04:28	1
Molybdenum	**0.000554**	**J**	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 04:28	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 04:28	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 04:28	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/26/26 00:08	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**202**		4.00	4.00	mg/L			03/02/26 14:59	1
Total Dissolved Solids (SM 2540C)	**4740**		20.0	20.0	mg/L			02/23/26 15:12	1
pH (SM 4500 H+ B)	**6.6**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**21.4**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	28.9	U	24.1	24.3	50.0	33.3	pCi/L	02/25/26 13:59	03/18/26 10:39	1
Radium-228	12.7	U	30.0	30.0	50.0	48.9	pCi/L	02/25/26 13:59	03/18/26 10:39	1
Combined Radium 226 + 228	41.6	U	38.5	38.6		48.9	pCi/L	02/25/26 13:59	03/18/26 10:39	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.420**		0.177	0.181	1.00	0.203	pCi/L	02/24/26 06:55	03/18/26 14:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*02/24/26 06:55*	*03/18/26 14:39*	*1*

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-44043-5
Date Collected: 02/17/26 15:50
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.08**	**G**	0.675	0.682	1.00	1.02	pCi/L	02/24/26 07:04	03/13/26 09:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.3*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:54*	*1*
Y Carrier	*81.5*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:54*	*1*

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-44043-6
Date Collected: 02/17/26 09:30
Matrix: Water
Date Received: 02/19/26 09:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1090**		5.00	2.50	mg/L			03/03/26 11:28	10
Fluoride	<0.100	U	0.500	0.100	mg/L			03/03/26 11:19	1
Sulfate	**795**		5.00	2.00	mg/L			03/03/26 11:28	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.09**		0.250	0.0809	mg/L		04/08/26 13:25	04/10/26 14:42	5
Calcium	**159**		1.00	0.508	mg/L		04/08/26 13:25	04/10/26 14:42	5
Magnesium	**16.9**		1.00	0.222	mg/L		04/08/26 13:25	04/10/26 14:42	5
Potassium	**33.6**		2.50	0.530	mg/L		04/08/26 13:25	04/10/26 14:42	5
Sodium	**750**		2.50	0.759	mg/L		04/08/26 13:25	04/10/26 14:42	5
Lithium	**0.442**		0.200	0.0868	mg/L		04/08/26 13:25	04/10/26 14:42	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/05/26 13:00	03/06/26 15:48	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		03/05/26 13:00	03/06/26 15:48	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/05/26 13:00	03/06/26 15:48	1
Barium	**0.0403**		0.0100	0.00125	mg/L		03/05/26 13:00	03/06/26 15:48	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/05/26 13:00	03/06/26 15:48	1
Boron	**1.33**		0.0500	0.0162	mg/L		03/05/26 13:00	03/06/26 15:48	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/05/26 13:00	03/06/26 15:48	1
Calcium	**191**		0.200	0.102	mg/L		03/05/26 13:00	03/06/26 15:48	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/05/26 13:00	03/06/26 15:48	1
Cobalt	**0.00267**	**J**	0.0100	0.00123	mg/L		03/05/26 13:00	03/06/26 15:48	1
Iron	**0.892**		0.200	0.0283	mg/L		03/05/26 13:00	03/06/26 15:48	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/05/26 13:00	03/06/26 15:48	1
Magnesium	**20.7**		0.200	0.0445	mg/L		03/05/26 13:00	03/06/26 15:48	1
Molybdenum	**0.00288**	**J**	0.0100	0.00260	mg/L		03/05/26 13:00	03/06/26 15:48	1
Potassium	**42.9**		0.500	0.106	mg/L		03/05/26 13:00	03/06/26 15:48	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/05/26 13:00	03/06/26 15:48	1
Sodium	**706**	**^2**	5.00	1.52	mg/L		03/05/26 13:00	03/06/26 16:46	10
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/05/26 13:00	03/06/26 15:48	1
Li	**0.430**		0.0400	0.0174	mg/L		03/05/26 13:00	03/06/26 15:48	1

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-44043-6

Date Collected: 02/17/26 09:30
Matrix: Water
Date Received: 02/19/26 09:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.442**		0.0200	0.00549	mg/L		03/01/26 11:30	03/02/26 12:50	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 11:30	03/02/26 12:50	1
Arsenic	**0.00356**	**J**	0.00400	0.000690	mg/L		03/01/26 11:30	03/02/26 12:50	1
Barium	**0.0376**		0.00400	0.00134	mg/L		03/01/26 11:30	03/02/26 12:50	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		03/01/26 11:30	03/02/26 12:50	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		03/01/26 11:30	03/02/26 12:50	1
Chromium	**0.00140**	**J**	0.00400	0.000560	mg/L		03/01/26 11:30	03/02/26 12:50	1
Cobalt	**0.00199**	**J**	0.00200	0.000355	mg/L		03/01/26 11:30	03/02/26 12:50	1
Iron	**1.33**		0.0200	0.00445	mg/L		03/01/26 11:30	03/02/26 12:50	1
Lead	**0.000416**	**J**	0.00200	0.000367	mg/L		03/01/26 11:30	03/02/26 12:50	1
Molybdenum	**0.00512**		0.00200	0.000255	mg/L		03/01/26 11:30	03/02/26 12:50	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		03/01/26 11:30	03/02/26 12:50	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		03/01/26 11:30	03/02/26 12:50	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/26/26 00:12	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:02	02/25/26 23:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**259**		4.00	4.00	mg/L			03/02/26 14:52	1
Total Dissolved Solids (SM 2540C)	**4730**		20.0	20.0	mg/L			02/23/26 15:12	1
pH (SM 4500 H+ B)	**7.4**	**HF**			SU			02/23/26 13:30	1
Temperature (SM 4500 H+ B)	**21.1**	**HF**			Celsius			02/23/26 13:30	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	12.6	U	26.4	26.4	50.0	42.3	pCi/L	02/25/26 13:59	03/18/26 10:40	1
Radium-228	17.8	U	29.1	29.1	50.0	46.4	pCi/L	02/25/26 13:59	03/18/26 10:40	1
Combined Radium 226 + 228	30.4	U	39.3	39.3		46.4	pCi/L	02/25/26 13:59	03/18/26 10:40	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.565**		0.203	0.209	1.00	0.221	pCi/L	02/24/26 06:55	03/18/26 14:39	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/24/26 06:55*	*03/18/26 14:39*	*1*

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-44043-6
Date Collected: 02/17/26 09:30
Matrix: Water
Date Received: 02/19/26 09:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.31		0.631	0.642	1.00	0.870	pCi/L	02/24/26 07:04	03/13/26 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*
Y Carrier	*79.6*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-44043-1	AP PZ-1	88.0
870-44043-2	AP PZ-4	86.3
870-44043-3	EB-1	86.0
870-44043-4	SFL MW-2D	84.6
870-44043-5	SFL MW-3D	84.3
870-44043-6	SFL MW-5D	85.8
LCS 160-758531/2-A	Lab Control Sample	86.3
MB 160-758531/1-A	Method Blank	67.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-44043-1	AP PZ-1	88.0	81.5
870-44043-2	AP PZ-4	86.3	83.7
870-44043-3	EB-1	86.0	83.0
870-44043-4	SFL MW-2D	84.6	79.3
870-44043-5	SFL MW-3D	84.3	81.5
870-44043-6	SFL MW-5D	85.8	79.6
LCS 160-758532/2-A	Lab Control Sample	86.3	81.9
MB 160-758532/1-A	Method Blank	67.8	82.6

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-300520/3
Matrix: Water
Analysis Batch: 300520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 10:07	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 10:07	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 10:07	1

Lab Sample ID: MB 860-300520/62
Matrix: Water
Analysis Batch: 300520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 19:03	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 19:03	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 19:03	1

Lab Sample ID: LCS 860-300520/4
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.721		mg/L		97	90 - 110
Fluoride	10.0	9.349		mg/L		93	90 - 110
Sulfate	10.0	10.06		mg/L		101	90 - 110

Lab Sample ID: LCS 860-300520/63
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.01		mg/L		100	90 - 110
Fluoride	10.0	9.634		mg/L		96	90 - 110
Sulfate	10.0	10.50		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-300520/5
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.729		mg/L		97	90 - 110	0	20
Fluoride	10.0	9.318		mg/L		93	90 - 110	0	20
Sulfate	10.0	9.937		mg/L		99	90 - 110	1	20

Lab Sample ID: LCSD 860-300520/64
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.00		mg/L		100	90 - 110	0	20
Fluoride	10.0	9.604		mg/L		96	90 - 110	0	20
Sulfate	10.0	10.52		mg/L		105	90 - 110	0	20

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-300520/66
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5506		mg/L		110	50 - 150
Fluoride	0.500	0.4125	J	mg/L		83	50 - 150
Sulfate	0.500	0.4895	J	mg/L		98	50 - 150

Lab Sample ID: LLCS 860-300520/7
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5460		mg/L		109	50 - 150
Fluoride	0.500	0.4004	J	mg/L		80	50 - 150
Sulfate	0.500	0.4830	J	mg/L		97	50 - 150

Lab Sample ID: MB 860-310503/62
Matrix: Water
Analysis Batch: 310503

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/03/26 20:36	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/03/26 20:36	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/03/26 20:36	1

Lab Sample ID: LCS 860-310503/63
Matrix: Water
Analysis Batch: 310503

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.692		mg/L		97	90 - 110
Fluoride	10.0	9.481		mg/L		95	90 - 110
Sulfate	10.0	9.324		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-310503/64
Matrix: Water
Analysis Batch: 310503

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.472		mg/L		95	90 - 110	2	20
Fluoride	10.0	9.644		mg/L		96	90 - 110	2	20
Sulfate	10.0	9.372		mg/L		94	90 - 110	1	20

Lab Sample ID: MB 860-311156/62
Matrix: Water
Analysis Batch: 311156

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/06/26 17:42	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/06/26 17:42	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/06/26 17:42	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-311156/63
Matrix: Water
Analysis Batch: 311156

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.17		mg/L		102	90 - 110
Fluoride	10.0	10.62		mg/L		106	90 - 110
Sulfate	10.0	10.94		mg/L		109	90 - 110

Lab Sample ID: LCSD 860-311156/64
Matrix: Water
Analysis Batch: 311156

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.933		mg/L		99	90 - 110	2	20
Fluoride	10.0	10.50		mg/L		105	90 - 110	1	20
Sulfate	10.0	9.114		mg/L		91	90 - 110	18	20

Lab Sample ID: LLCS 860-311156/66
Matrix: Water
Analysis Batch: 311156

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6371		mg/L		127	50 - 150
Fluoride	0.500	0.4709	J	mg/L		94	50 - 150
Sulfate	0.500	0.5083		mg/L		102	50 - 150

Lab Sample ID: MB 860-311437/3
Matrix: Water
Analysis Batch: 311437

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 10:47	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 10:47	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 10:47	1

Lab Sample ID: LCS 860-311437/4
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.39		mg/L		104	90 - 110
Fluoride	10.0	10.06		mg/L		101	90 - 110
Sulfate	10.0	9.546		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-311437/5
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.49		mg/L		105	90 - 110	1	20
Fluoride	10.0	10.14		mg/L		101	90 - 110	1	20
Sulfate	10.0	9.473		mg/L		95	90 - 110	1	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-301801/1-A
Matrix: Water
Analysis Batch: 302250

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 301801

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/05/26 13:00	03/06/26 13:59	1
Antimony	0.008770	J	0.0200	0.00803	mg/L		03/05/26 13:00	03/06/26 13:59	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/05/26 13:00	03/06/26 13:59	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		03/05/26 13:00	03/06/26 13:59	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/05/26 13:00	03/06/26 13:59	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/05/26 13:00	03/06/26 13:59	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/05/26 13:00	03/06/26 13:59	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/05/26 13:00	03/06/26 13:59	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/05/26 13:00	03/06/26 13:59	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		03/05/26 13:00	03/06/26 13:59	1
Iron	<0.0283	U	0.200	0.0283	mg/L		03/05/26 13:00	03/06/26 13:59	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/05/26 13:00	03/06/26 13:59	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/05/26 13:00	03/06/26 13:59	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		03/05/26 13:00	03/06/26 13:59	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/05/26 13:00	03/06/26 13:59	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/05/26 13:00	03/06/26 13:59	1
Sodium	<0.152	U	0.500	0.152	mg/L		03/05/26 13:00	03/06/26 13:59	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/05/26 13:00	03/06/26 13:59	1
Li	<0.0174	U	0.0400	0.0174	mg/L		03/05/26 13:00	03/06/26 13:59	1

Lab Sample ID: LCS 860-301801/2-A
Matrix: Water
Analysis Batch: 302250

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 301801

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.780		mg/L		96	80 - 120
Antimony	1.00	1.070		mg/L		107	80 - 120
Arsenic	1.00	1.030		mg/L		103	80 - 120
Barium	1.00	1.000		mg/L		100	80 - 120
Beryllium	1.00	1.040		mg/L		104	80 - 120
Boron	1.00	0.9750		mg/L		98	80 - 120
Cadmium	1.00	1.010		mg/L		101	80 - 120
Calcium	25.0	26.90		mg/L		108	80 - 120
Chromium	1.00	0.9990		mg/L		100	80 - 120
Cobalt	1.00	1.030		mg/L		103	80 - 120
Iron	5.00	5.370		mg/L		107	80 - 120
Lead	1.00	1.060		mg/L		106	80 - 120
Magnesium	25.0	25.60		mg/L		102	80 - 120
Molybdenum	1.00	1.060		mg/L		106	80 - 120
Potassium	10.0	9.860		mg/L		99	80 - 120
Selenium	1.00	1.020		mg/L		102	80 - 120
Sodium	25.0	24.10		mg/L		96	80 - 120
Thallium	1.00	1.020		mg/L		102	80 - 120
Li	1.00	0.8980		mg/L		90	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-301801/3-A
Matrix: Water
Analysis Batch: 302250

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 301801

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	4.780		mg/L		96	80 - 120	0	20
Antimony			1.00	1.070		mg/L		107	80 - 120	0	20
Arsenic			1.00	1.030		mg/L		103	80 - 120	0	20
Barium			1.00	1.000		mg/L		100	80 - 120	0	20
Beryllium			1.00	1.040		mg/L		104	80 - 120	0	20
Boron			1.00	0.9720		mg/L		97	80 - 120	0	20
Cadmium			1.00	1.000		mg/L		100	80 - 120	1	20
Calcium			25.0	26.90		mg/L		108	80 - 120	0	20
Chromium			1.00	0.9970		mg/L		100	80 - 120	0	20
Cobalt			1.00	1.030		mg/L		103	80 - 120	0	20
Iron			5.00	5.350		mg/L		107	80 - 120	0	20
Lead			1.00	1.050		mg/L		105	80 - 120	1	20
Magnesium			25.0	25.50		mg/L		102	80 - 120	0	20
Molybdenum			1.00	1.080		mg/L		108	80 - 120	2	20
Potassium			10.0	9.870		mg/L		99	80 - 120	0	20
Selenium			1.00	1.040		mg/L		104	80 - 120	2	20
Sodium			25.0	24.00		mg/L		96	80 - 120	0	20
Thallium			1.00	1.030		mg/L		103	80 - 120	1	20
Li			1.00	0.9020		mg/L		90	80 - 120	0	20

Lab Sample ID: MB 860-311931/1-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/08/26 13:25	04/10/26 14:25	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/08/26 13:25	04/10/26 14:25	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/08/26 13:25	04/10/26 14:25	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/08/26 13:25	04/10/26 14:25	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/08/26 13:25	04/10/26 14:25	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/08/26 13:25	04/10/26 14:25	1

Lab Sample ID: LCS 860-311931/2-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311931

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron			1.00	0.9790		mg/L		98	80 - 120
Calcium			25.0	25.50		mg/L		102	80 - 120
Magnesium			25.0	24.40		mg/L		98	80 - 120
Potassium			10.0	10.20		mg/L		102	80 - 120
Sodium			25.0	25.30		mg/L		101	80 - 120
Lithium			1.00	1.020		mg/L		102	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-311931/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 312799
Prep Batch: 311931

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	0.9670		mg/L		97	80 - 120	1	20
Calcium			25.0	25.00		mg/L		100	80 - 120	2	20
Magnesium			25.0	24.10		mg/L		96	80 - 120	1	20
Potassium			10.0	9.980		mg/L		100	80 - 120	2	20
Sodium			25.0	24.70		mg/L		99	80 - 120	2	20
Lithium			1.00	0.9970		mg/L		100	80 - 120	2	20

Lab Sample ID: 870-44043-1 MS
Client Sample ID: AP PZ-1
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 312799
Prep Batch: 311931

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	0.313		1.00	1.355		mg/L		104	75 - 125
Calcium	925		25.0	925.0	4	mg/L		0	75 - 125
Magnesium	178		25.0	198.5	4	mg/L		84	75 - 125
Potassium	53.5		10.0	63.00	4	mg/L		95	75 - 125
Sodium	1020		25.0	1020	4	mg/L		20	75 - 125
Lithium	1.08		1.00	2.120		mg/L		104	75 - 125

Lab Sample ID: 870-44043-1 MSD
Client Sample ID: AP PZ-1
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 312799
Prep Batch: 311931

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	0.313		1.00	1.290		mg/L		98	75 - 125	5	20
Calcium	925		25.0	900.0	4	mg/L		-100	75 - 125	3	20
Magnesium	178		25.0	193.0	4	mg/L		62	75 - 125	3	20
Potassium	53.5		10.0	61.50	4	mg/L		80	75 - 125	2	20
Sodium	1020		25.0	995.0	4	mg/L		-80	75 - 125	2	20
Lithium	1.08		1.00	2.070		mg/L		99	75 - 125	2	20

Lab Sample ID: MB 860-299160/24-C
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Dissolved
Analysis Batch: 300317
Prep Batch: 299995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		02/27/26 09:20	02/27/26 16:53	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		02/27/26 09:20	02/27/26 16:53	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		02/27/26 09:20	02/27/26 16:53	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		02/27/26 09:20	02/27/26 16:53	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		02/27/26 09:20	02/27/26 16:53	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		02/27/26 09:20	02/27/26 16:53	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		02/27/26 09:20	02/27/26 16:53	1
Calcium	<0.102	U	0.200	0.102	mg/L		02/27/26 09:20	02/27/26 16:53	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		02/27/26 09:20	02/27/26 16:53	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		02/27/26 09:20	02/27/26 16:53	1
Iron	<0.0283	U	0.200	0.0283	mg/L		02/27/26 09:20	02/27/26 16:53	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		02/27/26 09:20	02/27/26 16:53	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		02/27/26 09:20	02/27/26 16:53	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-299160/24-C
Matrix: Water
Analysis Batch: 300317

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 299995

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		02/27/26 09:20	02/27/26 16:53	1
Potassium	<0.106	U	0.500	0.106	mg/L		02/27/26 09:20	02/27/26 16:53	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		02/27/26 09:20	02/27/26 16:53	1
Sodium	<0.152	U	0.500	0.152	mg/L		02/27/26 09:20	02/27/26 16:53	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		02/27/26 09:20	02/27/26 16:53	1
Li	0.02810	J	0.0400	0.0174	mg/L		02/27/26 09:20	02/27/26 16:53	1

Lab Sample ID: LCS 860-299160/25-C
Matrix: Water
Analysis Batch: 300317

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 299995

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.820		mg/L		96	80 - 120
Antimony	1.00	1.030		mg/L		103	80 - 120
Arsenic	1.00	0.9740		mg/L		97	80 - 120
Barium	1.00	1.040		mg/L		104	80 - 120
Beryllium	1.00	1.050		mg/L		105	80 - 120
Boron	1.00	0.9560		mg/L		96	80 - 120
Cadmium	1.00	0.9760		mg/L		98	80 - 120
Calcium	25.0	23.70		mg/L		95	80 - 120
Chromium	1.00	0.9650		mg/L		97	80 - 120
Cobalt	1.00	0.9900		mg/L		99	80 - 120
Iron	5.00	5.200		mg/L		104	80 - 120
Lead	1.00	0.9960		mg/L		100	80 - 120
Magnesium	25.0	23.60		mg/L		94	80 - 120
Molybdenum	1.00	1.020		mg/L		102	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Selenium	1.00	0.9920		mg/L		99	80 - 120
Sodium	25.0	25.00		mg/L		100	80 - 120
Thallium	1.00	1.010		mg/L		101	80 - 120
Li	1.00	0.9640		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-299160/26-C
Matrix: Water
Analysis Batch: 300317

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 299995

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	4.830		mg/L		97	80 - 120	0	20
Antimony	1.00	1.050		mg/L		105	80 - 120	2	20
Arsenic	1.00	0.9670		mg/L		97	80 - 120	1	20
Barium	1.00	1.040		mg/L		104	80 - 120	0	20
Beryllium	1.00	1.060		mg/L		106	80 - 120	1	20
Boron	1.00	0.9610		mg/L		96	80 - 120	1	20
Cadmium	1.00	0.9780		mg/L		98	80 - 120	0	20
Calcium	25.0	23.70		mg/L		95	80 - 120	0	20
Chromium	1.00	0.9630		mg/L		96	80 - 120	0	20
Cobalt	1.00	0.9920		mg/L		99	80 - 120	0	20
Iron	5.00	5.200		mg/L		104	80 - 120	0	20
Lead	1.00	1.000		mg/L		100	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-299160/26-C
Matrix: Water
Analysis Batch: 300317

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 299995

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Magnesium	25.0	23.60		mg/L		94	80 - 120	0	20
Molybdenum	1.00	1.030		mg/L		103	80 - 120	1	20
Potassium	10.0	10.20		mg/L		102	80 - 120	1	20
Selenium	1.00	1.010		mg/L		101	80 - 120	2	20
Sodium	25.0	25.10		mg/L		100	80 - 120	0	20
Thallium	1.00	1.020		mg/L		102	80 - 120	1	20
Li	1.00	0.9660		mg/L		97	80 - 120	0	20

Lab Sample ID: LB 860-301336/1-C
Matrix: Water
Analysis Batch: 302250

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 301801

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/05/26 13:00	03/06/26 14:08	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/05/26 13:00	03/06/26 14:08	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		03/05/26 13:00	03/06/26 14:08	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/05/26 13:00	03/06/26 14:08	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/05/26 13:00	03/06/26 14:08	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/05/26 13:00	03/06/26 14:08	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/05/26 13:00	03/06/26 14:08	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/05/26 13:00	03/06/26 14:08	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		03/05/26 13:00	03/06/26 14:08	1
Iron	<0.0283	U	0.200	0.0283	mg/L		03/05/26 13:00	03/06/26 14:08	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/05/26 13:00	03/06/26 14:08	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/05/26 13:00	03/06/26 14:08	1
Molybdenum	0.002730	J	0.0100	0.00260	mg/L		03/05/26 13:00	03/06/26 14:08	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/05/26 13:00	03/06/26 14:08	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/05/26 13:00	03/06/26 14:08	1
Sodium	<0.152	U	0.500	0.152	mg/L		03/05/26 13:00	03/06/26 14:08	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/05/26 13:00	03/06/26 14:08	1
Li	<0.0174	U	0.0400	0.0174	mg/L		03/05/26 13:00	03/06/26 14:08	1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-299291/1-A
Matrix: Water
Analysis Batch: 300166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/25/26 11:00	02/27/26 13:14	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/25/26 11:00	02/27/26 13:14	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/25/26 11:00	02/27/26 13:14	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/25/26 11:00	02/27/26 13:14	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/25/26 11:00	02/27/26 13:14	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/25/26 11:00	02/27/26 13:14	1
Chromium	0.0009293	J	0.00400	0.000560	mg/L		02/25/26 11:00	02/27/26 13:14	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/25/26 11:00	02/27/26 13:14	1
Iron	0.006446	J	0.0200	0.00445	mg/L		02/25/26 11:00	02/27/26 13:14	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/25/26 11:00	02/27/26 13:14	1

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

Lab Sample ID: MB 860-299291/1-A
Matrix: Water
Analysis Batch: 300166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/25/26 11:00	02/27/26 13:14	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/25/26 11:00	02/27/26 13:14	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/25/26 11:00	02/27/26 13:14	1

Lab Sample ID: MB 860-299291/1-A
Matrix: Water
Analysis Batch: 300303

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/25/26 11:00	02/27/26 21:32	1

Lab Sample ID: MB 860-299291/1-A
Matrix: Water
Analysis Batch: 302980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/25/26 11:00	03/09/26 19:45	1

Lab Sample ID: LCS 860-299291/2-A
Matrix: Water
Analysis Batch: 300166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4911		mg/L		98	80 - 120
Antimony	0.100	0.09759		mg/L		98	80 - 120
Arsenic	0.100	0.08407		mg/L		84	80 - 120
Barium	0.100	0.09015		mg/L		90	80 - 120
Beryllium	0.100	0.09568		mg/L		96	80 - 120
Cadmium	0.100	0.08768		mg/L		88	80 - 120
Chromium	0.100	0.08900		mg/L		89	80 - 120
Cobalt	0.100	0.08934		mg/L		89	80 - 120
Iron	0.500	0.4552		mg/L		91	80 - 120
Lead	0.100	0.09622		mg/L		96	80 - 120
Molybdenum	0.100	0.09776		mg/L		98	80 - 120
Thallium	0.100	0.09780		mg/L		98	80 - 120

Lab Sample ID: LCS 860-299291/2-A
Matrix: Water
Analysis Batch: 300303

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.07999		mg/L		80	80 - 120

Lab Sample ID: LCS 860-299291/2-A
Matrix: Water
Analysis Batch: 302980

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Selenium	0.100	0.08275		mg/L		83	80 - 120

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

Lab Sample ID: LCSD 860-299291/3-A
Matrix: Water
Analysis Batch: 300166

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4887		mg/L		98	80 - 120	0	20
Antimony			0.100	0.09554		mg/L		96	80 - 120	2	20
Arsenic			0.100	0.08162		mg/L		82	80 - 120	3	20
Barium			0.100	0.08862		mg/L		89	80 - 120	2	20
Beryllium			0.100	0.09739		mg/L		97	80 - 120	2	20
Cadmium			0.100	0.08669		mg/L		87	80 - 120	1	20
Chromium			0.100	0.08743		mg/L		87	80 - 120	2	20
Cobalt			0.100	0.08777		mg/L		88	80 - 120	2	20
Iron			0.500	0.4388		mg/L		88	80 - 120	4	20
Lead			0.100	0.09855		mg/L		99	80 - 120	2	20
Molybdenum			0.100	0.09635		mg/L		96	80 - 120	1	20
Thallium			0.100	0.1002		mg/L		100	80 - 120	2	20

Lab Sample ID: LCSD 860-299291/3-A
Matrix: Water
Analysis Batch: 300303

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium			0.100	0.07753		mg/L		78	80 - 120	3	20

Lab Sample ID: LCSD 860-299291/3-A
Matrix: Water
Analysis Batch: 302980

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299291

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium			0.100	0.08423		mg/L		84	80 - 120	2	20

Lab Sample ID: MB 860-299681/1-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299681

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 11:00	03/03/26 03:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 11:00	03/03/26 03:38	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 11:00	03/03/26 03:38	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 11:00	03/03/26 03:38	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 11:00	03/03/26 03:38	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 11:00	03/03/26 03:38	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 11:00	03/03/26 03:38	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 11:00	03/03/26 03:38	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/26/26 11:00	03/03/26 03:38	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 11:00	03/03/26 03:38	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 11:00	03/03/26 03:38	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 11:00	03/03/26 03:38	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 11:00	03/03/26 03:38	1

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

Lab Sample ID: LCS 860-299681/2-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299681

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4690		mg/L		94	80 - 120
Antimony	0.100	0.09980		mg/L		100	80 - 120
Arsenic	0.100	0.09550		mg/L		95	80 - 120
Barium	0.100	0.09484		mg/L		95	80 - 120
Beryllium	0.100	0.09145		mg/L		91	80 - 120
Cadmium	0.100	0.09466		mg/L		95	80 - 120
Chromium	0.100	0.09615		mg/L		96	80 - 120
Cobalt	0.100	0.09559		mg/L		96	80 - 120
Iron	0.500	0.4833		mg/L		97	80 - 120
Lead	0.100	0.09483		mg/L		95	80 - 120
Molybdenum	0.100	0.1009		mg/L		101	80 - 120
Selenium	0.100	0.09491		mg/L		95	80 - 120
Thallium	0.100	0.09501		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-299681/3-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299681

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4704		mg/L		94	80 - 120	0	20
Antimony	0.100	0.09990		mg/L		100	80 - 120	0	20
Arsenic	0.100	0.09380		mg/L		94	80 - 120	2	20
Barium	0.100	0.09405		mg/L		94	80 - 120	1	20
Beryllium	0.100	0.09409		mg/L		94	80 - 120	3	20
Cadmium	0.100	0.09403		mg/L		94	80 - 120	1	20
Chromium	0.100	0.09503		mg/L		95	80 - 120	1	20
Cobalt	0.100	0.09444		mg/L		94	80 - 120	1	20
Iron	0.500	0.4785		mg/L		96	80 - 120	1	20
Lead	0.100	0.09567		mg/L		96	80 - 120	1	20
Molybdenum	0.100	0.1009		mg/L		101	80 - 120	0	20
Selenium	0.100	0.09453		mg/L		95	80 - 120	0	20
Thallium	0.100	0.09569		mg/L		96	80 - 120	1	20

Lab Sample ID: MB 860-299729/1-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 03:54	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 03:54	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 03:54	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 03:54	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 03:54	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 03:54	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 03:54	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 03:54	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 03:54	1

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

Lab Sample ID: MB 860-299729/1-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 03:54	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 03:54	1

Lab Sample ID: LCS 860-299729/2-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4861		mg/L		97	80 - 120
Antimony	0.100	0.1040		mg/L		104	80 - 120
Arsenic	0.100	0.09895		mg/L		99	80 - 120
Barium	0.100	0.09825		mg/L		98	80 - 120
Beryllium	0.100	0.09418		mg/L		94	80 - 120
Cadmium	0.100	0.09791		mg/L		98	80 - 120
Chromium	0.100	0.09944		mg/L		99	80 - 120
Cobalt	0.100	0.09843		mg/L		98	80 - 120
Iron	0.500	0.4956		mg/L		99	80 - 120
Lead	0.100	0.09768		mg/L		98	80 - 120
Molybdenum	0.100	0.1059		mg/L		106	80 - 120
Selenium	0.100	0.1000		mg/L		100	80 - 120
Thallium	0.100	0.09821		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-299729/3-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4884		mg/L		98	80 - 120	0	20
Antimony	0.100	0.1041		mg/L		104	80 - 120	0	20
Arsenic	0.100	0.09988		mg/L		100	80 - 120	1	20
Barium	0.100	0.09844		mg/L		98	80 - 120	0	20
Beryllium	0.100	0.09399		mg/L		94	80 - 120	0	20
Cadmium	0.100	0.09788		mg/L		98	80 - 120	0	20
Chromium	0.100	0.09915		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09841		mg/L		98	80 - 120	0	20
Iron	0.500	0.4962		mg/L		99	80 - 120	0	20
Lead	0.100	0.09797		mg/L		98	80 - 120	0	20
Molybdenum	0.100	0.1061		mg/L		106	80 - 120	0	20
Selenium	0.100	0.1004		mg/L		100	80 - 120	0	20
Thallium	0.100	0.09776		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 860-300435/1-A
Matrix: Water
Analysis Batch: 300776

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		03/01/26 11:30	03/02/26 11:55	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 11:30	03/02/26 11:55	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		03/01/26 11:30	03/02/26 11:55	1

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

Lab Sample ID: MB 860-300435/1-A
Matrix: Water
Analysis Batch: 300776

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300435

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	<0.00134	U	0.00400	0.00134	mg/L		03/01/26 11:30	03/02/26 11:55	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		03/01/26 11:30	03/02/26 11:55	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		03/01/26 11:30	03/02/26 11:55	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		03/01/26 11:30	03/02/26 11:55	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		03/01/26 11:30	03/02/26 11:55	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		03/01/26 11:30	03/02/26 11:55	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		03/01/26 11:30	03/02/26 11:55	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 11:30	03/02/26 11:55	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		03/01/26 11:30	03/02/26 11:55	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		03/01/26 11:30	03/02/26 11:55	1

Lab Sample ID: LCS 860-300435/2-A
Matrix: Water
Analysis Batch: 300776

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300435

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4757		mg/L		95	80 - 120
Antimony	0.100	0.1030		mg/L		103	80 - 120
Arsenic	0.100	0.09318		mg/L		93	80 - 120
Barium	0.100	0.09623		mg/L		96	80 - 120
Beryllium	0.100	0.09618		mg/L		96	80 - 120
Cadmium	0.100	0.09539		mg/L		95	80 - 120
Chromium	0.100	0.09545		mg/L		95	80 - 120
Cobalt	0.100	0.09517		mg/L		95	80 - 120
Iron	0.500	0.4884		mg/L		98	80 - 120
Lead	0.100	0.09488		mg/L		95	80 - 120
Molybdenum	0.100	0.1040		mg/L		104	80 - 120
Selenium	0.100	0.08983		mg/L		90	80 - 120
Thallium	0.100	0.09630		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-300435/3-A
Matrix: Water
Analysis Batch: 300776

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 300435

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4763		mg/L		95	80 - 120	0	20
Antimony	0.100	0.1025		mg/L		103	80 - 120	0	20
Arsenic	0.100	0.09439		mg/L		94	80 - 120	1	20
Barium	0.100	0.09703		mg/L		97	80 - 120	1	20
Beryllium	0.100	0.09707		mg/L		97	80 - 120	1	20
Cadmium	0.100	0.09514		mg/L		95	80 - 120	0	20
Chromium	0.100	0.09623		mg/L		96	80 - 120	1	20
Cobalt	0.100	0.09591		mg/L		96	80 - 120	1	20
Iron	0.500	0.4930		mg/L		99	80 - 120	1	20
Lead	0.100	0.09430		mg/L		94	80 - 120	1	20
Molybdenum	0.100	0.1044		mg/L		104	80 - 120	0	20
Selenium	0.100	0.08876		mg/L		89	80 - 120	1	20
Thallium	0.100	0.09641		mg/L		96	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-299380/10-A
Matrix: Water
Analysis Batch: 299526

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299380

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/25/26 15:01	02/25/26 22:37	1

Lab Sample ID: LCS 860-299380/11-A
Matrix: Water
Analysis Batch: 299526

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299380

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001889		mg/L		94	80 - 120

Lab Sample ID: LCSD 860-299380/12-A
Matrix: Water
Analysis Batch: 299526

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299380

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001920		mg/L		96	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-299928/7
Matrix: Water
Analysis Batch: 299928

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			02/23/26 11:39	1

Lab Sample ID: LCS 860-299928/9
Matrix: Water
Analysis Batch: 299928

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	238.8		mg/L		96	85 - 115

Lab Sample ID: LCSD 860-299928/10
Matrix: Water
Analysis Batch: 299928

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	240.9		mg/L		96	85 - 115	1	20

Lab Sample ID: LLCS 860-299928/8
Matrix: Water
Analysis Batch: 299928

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	<4.00	U	mg/L		92	50 - 150

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: MB 860-300877/3
Matrix: Water
Analysis Batch: 300877

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/02/26 12:27	1

Lab Sample ID: LCS 860-300877/5
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	255.6		mg/L		102	85 - 115

Lab Sample ID: LCSD 860-300877/6
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	257.1		mg/L		103	85 - 115	1	20

Lab Sample ID: LLCS 860-300877/4
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	5.120		mg/L		128	50 - 150

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

Lab Sample ID: MB 870-36000/1
Matrix: Water
Analysis Batch: 36000

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	<2.50	U	2.50	2.50	mg/L			02/23/26 14:55	1

Lab Sample ID: LCS 870-36000/2
Matrix: Water
Analysis Batch: 36000

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	1000	974.0		mg/L		97	80 - 120

Lab Sample ID: LCSD 870-36000/3
Matrix: Water
Analysis Batch: 36000

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	898.0		mg/L		90	80 - 120	8	10

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

Lab Sample ID: 870-44043-2 DU
Matrix: Water
Analysis Batch: 36000

Client Sample ID: AP PZ-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	5260		5248		mg/L		0.2	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-44043-3 DU
Matrix: Water
Analysis Batch: 35978

Client Sample ID: EB-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.0	HF	6.9		SU		0.7	20
Temperature	21.9	HF	21.7		Celsius		0.9	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-758770/1-A
Matrix: Water
Analysis Batch: 761980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758770

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.33		19.9	20.1	50.0	23.4	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Radium-228	-10.82	U G	35.0	35.0	50.0	62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Combined Radium 226 + 228	14.52	U	40.3	40.4		62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1

Lab Sample ID: LCS 160-758770/2-A
Matrix: Water
Analysis Batch: 761983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758770

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	148100		15200		515	pCi/L	104	75 - 125
Cesium-137	37300	36810		3610		234	pCi/L	99	75 - 125
Cobalt-60	48300	47520		4640		154	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-758531/1-A
Matrix: Water
Analysis Batch: 761973

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758531

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.07078	U	0.0548	0.0552	1.00	0.162	pCi/L	02/24/26 06:55	03/18/26 12:37	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.8*		*30 - 110*	*02/24/26 06:55*	*03/18/26 12:37*	*1*

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-758531/2-A
Matrix: Water
Analysis Batch: 761973

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758531

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.716		0.986	1.00	0.167	pCi/L	91	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.3*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-758532/1-A
Matrix: Water
Analysis Batch: 761407

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758532

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1880	U	0.498	0.498	1.00	0.874	pCi/L	02/24/26 07:04	03/13/26 09:53	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*67.8*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/24/26 07:04*	*03/13/26 09:53*	*1*

Lab Sample ID: LCS 160-758532/2-A
Matrix: Water
Analysis Batch: 761407

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758532

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.34	11.18		1.53	1.00	0.725	pCi/L	120	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.3*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

HPLC/IC

Analysis Batch: 300520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	9056A	
870-44043-1	AP PZ-1	Total/NA	Water	9056A	
870-44043-3	EB-1	Total/NA	Water	9056A	
870-44043-6	SFL MW-5D	Total/NA	Water	9056A	
870-44043-6	SFL MW-5D	Total/NA	Water	9056A	
MB 860-300520/3	Method Blank	Total/NA	Water	9056A	
MB 860-300520/62	Method Blank	Total/NA	Water	9056A	
LCS 860-300520/4	Lab Control Sample	Total/NA	Water	9056A	
LCS 860-300520/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-300520/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LCSD 860-300520/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-300520/66	Lab Control Sample	Total/NA	Water	9056A	
LLCS 860-300520/7	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 310503

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-2	AP PZ-4	Total/NA	Water	9056A	
870-44043-4	SFL MW-2D	Total/NA	Water	9056A	
870-44043-5	SFL MW-3D	Total/NA	Water	9056A	
MB 860-310503/62	Method Blank	Total/NA	Water	9056A	
LCS 860-310503/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-310503/64	Lab Control Sample Dup	Total/NA	Water	9056A	

Analysis Batch: 311156

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-2	AP PZ-4	Total/NA	Water	9056A	
870-44043-4	SFL MW-2D	Total/NA	Water	9056A	
870-44043-5	SFL MW-3D	Total/NA	Water	9056A	
MB 860-311156/62	Method Blank	Total/NA	Water	9056A	
LCS 860-311156/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311156/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-311156/66	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 311437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-2	AP PZ-4	Total/NA	Water	9056A	
870-44043-4	SFL MW-2D	Total/NA	Water	9056A	
870-44043-5	SFL MW-3D	Total/NA	Water	9056A	
MB 860-311437/3	Method Blank	Total/NA	Water	9056A	
LCS 860-311437/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311437/5	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Filtration Batch: 299160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-299160/24-C	Method Blank	Dissolved	Water	Filtration	
LCS 860-299160/25-C	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-299160/26-C	Lab Control Sample Dup	Dissolved	Water	Filtration	

Metals

Prep Batch: 299291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	3010A	
870-44043-4	SFL MW-2D	Total/NA	Water	3010A	
MB 860-299291/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299291/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299291/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 299380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	7470A	
870-44043-2	AP PZ-4	Total/NA	Water	7470A	
870-44043-3	EB-1	Total/NA	Water	7470A	
870-44043-4	SFL MW-2D	Dissolved	Water	7470A	
870-44043-4	SFL MW-2D	Total/NA	Water	7470A	
870-44043-5	SFL MW-3D	Dissolved	Water	7470A	
870-44043-5	SFL MW-3D	Total/NA	Water	7470A	
870-44043-6	SFL MW-5D	Dissolved	Water	7470A	
870-44043-6	SFL MW-5D	Total/NA	Water	7470A	
MB 860-299380/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-299380/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-299380/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 299526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	7470A	299380
870-44043-2	AP PZ-4	Total/NA	Water	7470A	299380
870-44043-3	EB-1	Total/NA	Water	7470A	299380
870-44043-4	SFL MW-2D	Dissolved	Water	7470A	299380
870-44043-4	SFL MW-2D	Total/NA	Water	7470A	299380
870-44043-5	SFL MW-3D	Dissolved	Water	7470A	299380
870-44043-5	SFL MW-3D	Total/NA	Water	7470A	299380
870-44043-6	SFL MW-5D	Dissolved	Water	7470A	299380
870-44043-6	SFL MW-5D	Total/NA	Water	7470A	299380
MB 860-299380/10-A	Method Blank	Total/NA	Water	7470A	299380
LCS 860-299380/11-A	Lab Control Sample	Total/NA	Water	7470A	299380
LCSD 860-299380/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	299380

Prep Batch: 299681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-2	AP PZ-4	Total/NA	Water	3010A	
870-44043-3	EB-1	Total/NA	Water	3010A	
MB 860-299681/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299681/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299681/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 299729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-5	SFL MW-3D	Total/NA	Water	3010A	
MB 860-299729/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Metals

Prep Batch: 299995

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-4	SFL MW-2D	Dissolved	Water	3010A	
870-44043-5	SFL MW-3D	Dissolved	Water	3010A	
MB 860-299160/24-C	Method Blank	Dissolved	Water	3010A	299160
LCS 860-299160/25-C	Lab Control Sample	Dissolved	Water	3010A	299160
LCSD 860-299160/26-C	Lab Control Sample Dup	Dissolved	Water	3010A	299160

Analysis Batch: 300166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	6020B	299291
870-44043-4	SFL MW-2D	Total/NA	Water	6020B	299291
MB 860-299291/1-A	Method Blank	Total/NA	Water	6020B	299291
LCS 860-299291/2-A	Lab Control Sample	Total/NA	Water	6020B	299291
LCSD 860-299291/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299291

Analysis Batch: 300303

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	6020B	299291
870-44043-4	SFL MW-2D	Total/NA	Water	6020B	299291
MB 860-299291/1-A	Method Blank	Total/NA	Water	6020B	299291
LCS 860-299291/2-A	Lab Control Sample	Total/NA	Water	6020B	299291
LCSD 860-299291/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299291

Analysis Batch: 300317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-4	SFL MW-2D	Dissolved	Water	6010D	299995
870-44043-4	SFL MW-2D	Dissolved	Water	6010D	299995
870-44043-5	SFL MW-3D	Dissolved	Water	6010D	299995
870-44043-5	SFL MW-3D	Dissolved	Water	6010D	299995
MB 860-299160/24-C	Method Blank	Dissolved	Water	6010D	299995
LCS 860-299160/25-C	Lab Control Sample	Dissolved	Water	6010D	299995
LCSD 860-299160/26-C	Lab Control Sample Dup	Dissolved	Water	6010D	299995

Analysis Batch: 300428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-5	SFL MW-3D	Total/NA	Water	6020B	299729
MB 860-299729/1-A	Method Blank	Total/NA	Water	6020B	299729
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	6020B	299729
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299729

Prep Batch: 300435

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-6	SFL MW-5D	Total/NA	Water	3010A	
MB 860-300435/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-300435/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-300435/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 300664

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	6020B	299291
870-44043-4	SFL MW-2D	Total/NA	Water	6020B	299291

Metals

Analysis Batch: 300776

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-6	SFL MW-5D	Total/NA	Water	6020B	300435
MB 860-300435/1-A	Method Blank	Total/NA	Water	6020B	300435
LCS 860-300435/2-A	Lab Control Sample	Total/NA	Water	6020B	300435
LCSD 860-300435/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	300435

Analysis Batch: 301044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-2	AP PZ-4	Total/NA	Water	6020B	299681
870-44043-3	EB-1	Total/NA	Water	6020B	299681
MB 860-299681/1-A	Method Blank	Total/NA	Water	6020B	299681
LCS 860-299681/2-A	Lab Control Sample	Total/NA	Water	6020B	299681
LCSD 860-299681/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299681

Leach Batch: 301336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-301336/1-C	Method Blank	Dissolved	Water	1311	

Prep Batch: 301801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-6	SFL MW-5D	Dissolved	Water	3010A	
LB 860-301336/1-C	Method Blank	Dissolved	Water	3010A	301336
MB 860-301801/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-301801/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-301801/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 302250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-6	SFL MW-5D	Dissolved	Water	6010D	301801
870-44043-6	SFL MW-5D	Dissolved	Water	6010D	301801
LB 860-301336/1-C	Method Blank	Dissolved	Water	6010D	301801
MB 860-301801/1-A	Method Blank	Total/NA	Water	6010D	301801
LCS 860-301801/2-A	Lab Control Sample	Total/NA	Water	6010D	301801
LCSD 860-301801/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	301801

Analysis Batch: 302980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	6020B	299291
870-44043-4	SFL MW-2D	Total/NA	Water	6020B	299291
MB 860-299291/1-A	Method Blank	Total/NA	Water	6020B	299291
LCS 860-299291/2-A	Lab Control Sample	Total/NA	Water	6020B	299291
LCSD 860-299291/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299291

Prep Batch: 311931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	3010A	
870-44043-2	AP PZ-4	Total/NA	Water	3010A	
870-44043-3	EB-1	Total/NA	Water	3010A	
870-44043-4	SFL MW-2D	Total/NA	Water	3010A	
870-44043-5	SFL MW-3D	Total/NA	Water	3010A	
870-44043-6	SFL MW-5D	Total/NA	Water	3010A	
MB 860-311931/1-A	Method Blank	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 311931 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-311931/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-311931/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-44043-1 MS	AP PZ-1	Total/NA	Water	3010A	
870-44043-1 MSD	AP PZ-1	Total/NA	Water	3010A	

Analysis Batch: 312799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	6010D	311931
870-44043-1	AP PZ-1	Total/NA	Water	6010D	311931
870-44043-2	AP PZ-4	Total/NA	Water	6010D	311931
870-44043-3	EB-1	Total/NA	Water	6010D	311931
870-44043-4	SFL MW-2D	Total/NA	Water	6010D	311931
870-44043-5	SFL MW-3D	Total/NA	Water	6010D	311931
870-44043-6	SFL MW-5D	Total/NA	Water	6010D	311931
MB 860-311931/1-A	Method Blank	Total/NA	Water	6010D	311931
LCS 860-311931/2-A	Lab Control Sample	Total/NA	Water	6010D	311931
LCSD 860-311931/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	311931
870-44043-1 MS	AP PZ-1	Total/NA	Water	6010D	311931
870-44043-1 MSD	AP PZ-1	Total/NA	Water	6010D	311931

General Chemistry

Analysis Batch: 35978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	SM 4500 H+ B	
870-44043-2	AP PZ-4	Total/NA	Water	SM 4500 H+ B	
870-44043-3	EB-1	Total/NA	Water	SM 4500 H+ B	
870-44043-4	SFL MW-2D	Total/NA	Water	SM 4500 H+ B	
870-44043-5	SFL MW-3D	Total/NA	Water	SM 4500 H+ B	
870-44043-6	SFL MW-5D	Total/NA	Water	SM 4500 H+ B	
870-44043-3 DU	EB-1	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 36000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	SM 2540C	
870-44043-2	AP PZ-4	Total/NA	Water	SM 2540C	
870-44043-3	EB-1	Total/NA	Water	SM 2540C	
870-44043-4	SFL MW-2D	Total/NA	Water	SM 2540C	
870-44043-5	SFL MW-3D	Total/NA	Water	SM 2540C	
870-44043-6	SFL MW-5D	Total/NA	Water	SM 2540C	
MB 870-36000/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-36000/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-36000/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-44043-2 DU	AP PZ-4	Total/NA	Water	SM 2540C	

Analysis Batch: 299928

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	SM 2320B	
870-44043-2	AP PZ-4	Total/NA	Water	SM 2320B	
MB 860-299928/7	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-299928/9	Lab Control Sample	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 299928 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-299928/10	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-299928/8	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 300877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-3	EB-1	Total/NA	Water	SM 2320B	
870-44043-4	SFL MW-2D	Total/NA	Water	SM 2320B	
870-44043-5	SFL MW-3D	Total/NA	Water	SM 2320B	
870-44043-6	SFL MW-5D	Total/NA	Water	SM 2320B	
MB 860-300877/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-300877/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-300877/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-300877/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 758531

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	PrecSep-21	
870-44043-2	AP PZ-4	Total/NA	Water	PrecSep-21	
870-44043-3	EB-1	Total/NA	Water	PrecSep-21	
870-44043-4	SFL MW-2D	Total/NA	Water	PrecSep-21	
870-44043-5	SFL MW-3D	Total/NA	Water	PrecSep-21	
870-44043-6	SFL MW-5D	Total/NA	Water	PrecSep-21	
MB 160-758531/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758531/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 758532

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	PrecSep_0	
870-44043-2	AP PZ-4	Total/NA	Water	PrecSep_0	
870-44043-3	EB-1	Total/NA	Water	PrecSep_0	
870-44043-4	SFL MW-2D	Total/NA	Water	PrecSep_0	
870-44043-5	SFL MW-3D	Total/NA	Water	PrecSep_0	
870-44043-6	SFL MW-5D	Total/NA	Water	PrecSep_0	
MB 160-758532/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758532/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 758770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44043-1	AP PZ-1	Total/NA	Water	Fill_Geo-21	
870-44043-2	AP PZ-4	Total/NA	Water	Fill_Geo-21	
870-44043-3	EB-1	Total/NA	Water	Fill_Geo-21	
870-44043-4	SFL MW-2D	Total/NA	Water	Fill_Geo-21	
870-44043-5	SFL MW-3D	Total/NA	Water	Fill_Geo-21	
870-44043-6	SFL MW-5D	Total/NA	Water	Fill_Geo-21	
MB 160-758770/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758770/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP PZ-1
Date Collected: 02/16/26 09:35
Date Received: 02/19/26 09:30

Lab Sample ID: 870-44043-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/02/26 21:55	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/02/26 22:04	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Total/NA	Analysis	6010D		5			312799	04/10/26 14:05	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Total/NA	Analysis	6010D		25			312799	04/10/26 14:07	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			300166	02/27/26 17:40	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			300303	02/27/26 22:54	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		2			300664	03/02/26 03:40	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			302980	03/09/26 20:07	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:00	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			299928	02/23/26 13:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36000	02/23/26 14:55	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761976	03/18/26 09:12	CAH	EET SL
Total/NA	Prep	PrecSep-21			1004.55 mL	1.0 g	758531	02/24/26 06:55	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	761973	03/18/26 12:37	SWS	EET SL
Total/NA	Prep	PrecSep_0			1004.55 mL	1.0 g	758532	02/24/26 07:04	AMS	EET SL
Total/NA	Analysis	904.0		1			761407	03/13/26 09:53	SWS	EET SL

Client Sample ID: AP PZ-4
Date Collected: 02/16/26 11:30
Date Received: 02/19/26 09:30

Lab Sample ID: 870-44043-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			310503	04/04/26 03:16	RJD	EET HOU
Total/NA	Analysis	9056A		1			311437	04/07/26 14:37	RJD	EET HOU
Total/NA	Analysis	9056A		1			311156	04/06/26 20:52	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Total/NA	Analysis	6010D		5			312799	04/10/26 14:27	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299681	02/26/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 04:47	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:04	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			299928	02/23/26 13:26	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36000	02/23/26 14:55	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL

Lab Chronicle

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP PZ-4
Date Collected: 02/16/26 11:30
Date Received: 02/19/26 09:30

Lab Sample ID: 870-44043-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761983	03/18/26 10:40	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.19 mL	1.0 g	758531	02/24/26 06:55	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	761973	03/18/26 12:37	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.19 mL	1.0 g	758532	02/24/26 07:04	AMS	EET SL
Total/NA	Analysis	904.0		1			761407	03/13/26 09:54	SWS	EET SL

Client Sample ID: EB-1
Date Collected: 02/17/26 16:30
Date Received: 02/19/26 09:30

Lab Sample ID: 870-44043-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/03/26 09:39	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Total/NA	Analysis	6010D		5			312799	04/10/26 14:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299681	02/26/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 04:49	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:14	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 15:05	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36000	02/23/26 15:12	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761976	03/18/26 10:38	CAH	EET SL
Total/NA	Prep	PrecSep-21			1000.70 mL	1.0 g	758531	02/24/26 06:55	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	761973	03/18/26 14:39	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.70 mL	1.0 g	758532	02/24/26 07:04	AMS	EET SL
Total/NA	Analysis	904.0		1			761407	03/13/26 09:54	SWS	EET SL

Client Sample ID: SFL MW-2D
Date Collected: 02/17/26 12:25
Date Received: 02/19/26 09:30

Lab Sample ID: 870-44043-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			310503	04/04/26 01:56	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 14:07	RJD	EET HOU
Total/NA	Analysis	9056A		1			311156	04/06/26 20:28	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	299995	02/27/26 09:20	MD	EET HOU
Dissolved	Analysis	6010D		1			300317	02/27/26 17:33	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	299995	02/27/26 09:20	MD	EET HOU
Dissolved	Analysis	6010D		10			300317	02/27/26 17:35	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Total/NA	Analysis	6010D		5			312799	04/10/26 14:31	JDM	EET HOU

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-44043-4

Date Collected: 02/17/26 12:25
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			300166	02/27/26 17:37	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			300303	02/27/26 22:51	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		2			300664	03/02/26 03:38	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299291	02/25/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			302980	03/09/26 20:04	JM	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Dissolved	Analysis	7470A		1			299526	02/26/26 00:05	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/25/26 23:17	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 14:45	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36000	02/23/26 15:12	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761979	03/18/26 10:39	ASA	EET SL
Total/NA	Prep	PrecSep-21			750.22 mL	1.0 g	758531	02/24/26 06:55	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	761973	03/18/26 14:39	SWS	EET SL
Total/NA	Prep	PrecSep_0			750.22 mL	1.0 g	758532	02/24/26 07:04	AMS	EET SL
Total/NA	Analysis	904.0		1			761407	03/13/26 09:53	SWS	EET SL

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-44043-5

Date Collected: 02/17/26 15:50
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			310503	04/04/26 03:56	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 15:07	RJD	EET HOU
Total/NA	Analysis	9056A		1			311156	04/06/26 21:04	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	299995	02/27/26 09:20	MD	EET HOU
Dissolved	Analysis	6010D		1			300317	02/27/26 17:39	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	299995	02/27/26 09:20	MD	EET HOU
Dissolved	Analysis	6010D		10			300317	02/27/26 17:41	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Total/NA	Analysis	6010D		5			312799	04/10/26 14:38	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 04:28	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Dissolved	Analysis	7470A		1			299526	02/25/26 23:21	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/26/26 00:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 14:59	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36000	02/23/26 15:12	TM	EET DAL

Lab Chronicle

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-44043-5
Date Collected: 02/17/26 15:50
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761977	03/18/26 10:39	CAH	EET SL
Total/NA	Prep	PrecSep-21			751.20 mL	1.0 g	758531	02/24/26 06:55	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	761973	03/18/26 14:39	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.20 mL	1.0 g	758532	02/24/26 07:04	AMS	EET SL
Total/NA	Analysis	904.0		1			761407	03/13/26 09:54	SWS	EET SL

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-44043-6
Date Collected: 02/17/26 09:30
Matrix: Water
Date Received: 02/19/26 09:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/03/26 11:19	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/03/26 11:28	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	301801	03/05/26 13:00	MD	EET HOU
Dissolved	Analysis	6010D		1			302250	03/06/26 15:48	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	301801	03/05/26 13:00	MD	EET HOU
Dissolved	Analysis	6010D		10			302250	03/06/26 16:46	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Total/NA	Analysis	6010D		5			312799	04/10/26 14:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300435	03/01/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			300776	03/02/26 12:50	DP	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Dissolved	Analysis	7470A		1			299526	02/25/26 23:24	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299380	02/25/26 15:02	AGR	EET HOU
Total/NA	Analysis	7470A		1			299526	02/26/26 00:12	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 14:52	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36000	02/23/26 15:12	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:30	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761978	03/18/26 10:40	CAH	EET SL
Total/NA	Prep	PrecSep-21			752.68 mL	1.0 g	758531	02/24/26 06:55	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	761973	03/18/26 14:39	SWS	EET SL
Total/NA	Prep	PrecSep_0			752.68 mL	1.0 g	758532	02/24/26 07:04	AMS	EET SL
Total/NA	Analysis	904.0		1			761407	03/13/26 09:53	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Job ID: 870-44043-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-44043-1	AP PZ-1	Water	02/16/26 09:35	02/19/26 09:30	Texas
870-44043-2	AP PZ-4	Water	02/16/26 11:30	02/19/26 09:30	Texas
870-44043-3	EB-1	Water	02/17/26 16:30	02/19/26 09:30	Texas
870-44043-4	SFL MW-2D	Water	02/17/26 12:25	02/19/26 09:30	Texas
870-44043-5	SFL MW-3D	Water	02/17/26 15:50	02/19/26 09:30	Texas
870-44043-6	SFL MW-5D	Water	02/17/26 09:30	02/19/26 09:30	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

4/15/2026

Client Information	Sampler: WR CULLEN	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP PZ-1	2/16/26	0935	G	W			X	X	X	X	X	X		X	X	6	
AP PZ-4	2/16/26	1130	G	W			X	X	X	X	X	X		X	X	6	
EB-1	2/17/26	1630	G	W			X	X	X	X	X	X		X	X	6	
SFL MW-2D	2/17/26	1225	G	W	Y		X	X	X	X	X	X	X	X	X	7	
SFL MW-3D	2/17/26	1550	G	W	Y		X	X	X	X	X	X	X	X	X	7	
SFL MW-5D	2/17/26	0930	G	W	Y		X	X	X	X	X	X	X	X	X	7	

870-44043 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknow

(A fee may be assessed if samples are retained longer than 1 month)
☐ ent ☐ Disposal By Lab ☐ Archive For _____ Months

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

/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: WR Cullen	Date/Time: 2/18/26 1500	Company	Received by: FEDEX	Date/Time: 2/18/26	Company
Relinquished by: FEDEX	Date/Time: 2/19/26 930	Company	Received by:	Date/Time: 2/19/26 930	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: 0.6 | 0.5 0.2 | 0.1 THM-027 -0-1

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9952.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-44043-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/26/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GIBBONS CREEK STEAM ELECTRIC STATION	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP PZ-1 (870-44043-1)	2/16/26	09:35 Central	G	Water			X	X	X	2	
AP PZ-4 (870-44043-2)	2/16/26	11:30 Central	G	Water			X	X	X	2	
EB-1 (870-44043-3)	2/17/26	16:30 Central	G	Water			X	X	X	2	
SFL MW-2D (870-44043-4)	2/17/26	12:25 Central	G	Water			X	X	X	2	
SFL MW-3D (870-44043-5)	2/17/26	15:50 Central	G	Water			X	X	X	2	
SFL MW-5D (870-44043-6)	2/17/26	09:30 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time: 02/19/26 1700	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: FEB 19 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Sierra Worthington	Date/Time: 2/20/26 0840	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44043-2
SDG Number:

Login Number: 44043
List Number: 1
Creator: Stoaks, Miya L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

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

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44043-2
SDG Number:

Login Number: 44043
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 02/20/26 10:31 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 3/30/2026 11:03:42 AM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station
GCSES

JOB NUMBER

870-44078-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

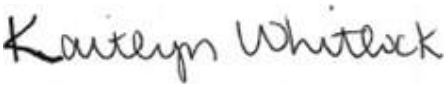
my EOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
3/30/2026 11:03:42 AM

Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 9
Tracer Carrier Summary 18
QC Sample Results 19
QC Association Summary 30
Lab Chronicle 35
Certification Summary 39
Method Summary 40
Sample Summary 41
Chain of Custody 42
Receipt Checklists 45

Definitions/Glossary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-44078-1
SDG: GCSES

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

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.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-44078-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/20/2026 8:30 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 0.3°C and 0.9°C.

Receipt Exceptions
The container label for the following sample did not match the information listed on the Chain-of-Custody (COC): EB-2 (870-44078-3). The container labels list FB-2, while the COC lists EB2. The COC was checked and we can confirm that this is the correct sample in the job because the collection time and date match.

The container label for the following samples did not match the information listed on the Chain-of-Custody (COC): SFL MW-8S (870-44041-1), SFL MW-7S (870-44041-5), SFL MW-4S (870-44041-6), AP MW-7S (870-44078-1) and SFL MW-1S (870-44078-6). The container labels list 5 at the end of the sample IDs, while the COC lists S at the end of the sample IDs. The COC was checked and we can confirm these are the correct samples in the jobs because the collection dates and collection times match.

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

Metals
Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-307341 and analytical batch 860-307871 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010D: The following samples were diluted due to the nature of the sample matrix: AP MW-7D (870-44078-2), EB-2 (870-44078-3), AP MW-5D (870-44078-4), AP MW-3D (870-44078-5) and SFL MW-1S (870-44078-6). Elevated reporting limits (RLs) are provided.

Method 6010D - Dissolved: The method blank for preparation batch 860-300258 and 860-300506 and analytical batch 860-300879 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: AP MW-7S (870-44078-1). Elevated reporting limits (RLs) are provided.

Method 6020B: The following sample was diluted to bring the concentration of target analytes within the calibration range: AP MW-5D (870-44078-4). Elevated reporting limits (RLs) are provided.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: AP MW-5D (870-44078-4) and AP MW-3D (870-44078-5). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples AP MW-7S (870-44078-1), AP MW-7D (870-44078-2) and EB-2 (870-44078-3) was/were

received outside of holding time.

Method SM 4500 H+ B: Samples AP MW-7S (870-44078-1), AP MW-7D (870-44078-2), EB-2 (870-44078-3), AP MW-5D (870-44078-4), AP MW-3D (870-44078-5) and SFL MW-1S (870-44078-6) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 758770

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Method 901.1: Gamma Batch 758770

The Ra 228 MDC for the method blank (MB) is above the requested limit of 50.0 pCi/L . Activity was not observed in the MB above the MDC or RL. The data have been reported with the MDC achieved. (MB 160-758770/1-A).

Method 901.1: Gamma Batch 758770

The detection goal was not met for Ra-226 and /or Ra-228 for the following samples. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Cs-137 is well below the RL and MDC.
AP MW-5D (870-44078-4), (870-44041-A-2-A) and (870-44041-A-2-B DU)

Method 901.1: Gamma prep batch 160-758959
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra228. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following sample have been reported with the MDC achieved:

(MB 160-758959/1-A)

Job ID: 870-44078-1 (Continued) Eurofins Dallas

Method 901.1: Gamma prep batch 160- 758959
The detection goal was not met for Ra226 and/or Ra228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the activity is well below the RL and MDC.

EB-2 (870-44078-3) and (870-44041-A-1-A)

Method 901.1: Gamma Prep Batch 160- 758959
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred from	Reported to Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-108m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

AP MW-7S (870-44078-1), EB-2 (870-44078-3), SFL MW-1S (870-44078-6), (870-44041-A-1-A) and (870-44041-A-1-B DU)

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

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

Client Sample ID: AP MW-7S

Date Collected: 02/18/26 07:55
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-1

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**395**		0.500	0.250	mg/L			02/27/26 16:03	1
Fluoride	**2.52**		0.500	0.100	mg/L			02/27/26 16:03	1
Sulfate	**3670**		5.00	2.00	mg/L			02/27/26 16:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.33**		0.0500	0.0162	mg/L		03/25/26 09:34	03/25/26 16:21	1
Calcium	**433**		0.200	0.102	mg/L		03/25/26 09:34	03/25/26 16:21	1
Magnesium	**151**		0.200	0.0445	mg/L		03/25/26 09:34	03/25/26 16:21	1
Potassium	**57.2**		0.500	0.106	mg/L		03/25/26 09:34	03/25/26 16:21	1
Sodium	**770**		2.50	0.759	mg/L		03/25/26 09:34	03/25/26 16:23	5
Lithium	**1.16**		0.0400	0.0174	mg/L		03/25/26 09:34	03/25/26 16:21	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**8.86**		0.100	0.0275	mg/L		02/26/26 12:50	02/28/26 05:01	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 04:52	1
Arsenic	**0.0178**		0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 04:52	1
Barium	**0.0148**		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 04:52	1
Beryllium	**0.112**		0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 04:52	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 04:52	1
Chromium	**0.000701**	**J**	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 04:52	1
Cobalt	**0.0341**		0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 04:52	1
Iron	**20.0**		0.100	0.0223	mg/L		02/26/26 12:50	02/28/26 05:01	5
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 04:52	1
Molybdenum	**0.000333**	**J**	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 04:52	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 04:52	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 04:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/02/26 13:31	1
Total Dissolved Solids (SM 2540C)	**4990**		20.0	20.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**3.9**	**HF**			SU			02/23/26 13:31	1
Temperature (SM 4500 H+ B)	**20.1**	**HF**			Celsius			02/23/26 13:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	17.2	U	24.9	24.9	50.0	39.1	pCi/L	02/26/26 10:32	03/19/26 09:06	1
Radium-228	15.1	U	28.6	28.7	50.0	46.4	pCi/L	02/26/26 10:32	03/19/26 09:06	1
Combined Radium 226 + 228	32.3	U	37.9	38.0		46.4	pCi/L	02/26/26 10:32	03/19/26 09:06	1

Client Sample ID: AP MW-7S

Date Collected: 02/18/26 07:55
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-1

Matrix: Water

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.15		0.222	0.245	1.00	0.161	pCi/L	02/25/26 06:52	03/19/26 21:26	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.5*		*30 - 110*	*02/25/26 06:52*	*03/19/26 21:26*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.52		0.600	0.643	1.00	0.599	pCi/L	02/25/26 06:55	03/13/26 12:40	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.5*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:40*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:40*	*1*

Client Sample ID: AP MW-7D

Date Collected: 02/18/26 09:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-2

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1100		5.00	2.50	mg/L			02/27/26 17:21	10
Fluoride	0.121	J	0.500	0.100	mg/L			02/27/26 17:11	1
Sulfate	1340		5.00	2.00	mg/L			02/27/26 17:21	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.870		0.250	0.0809	mg/L		03/25/26 09:34	03/25/26 16:36	5
Calcium	339		1.00	0.508	mg/L		03/25/26 09:34	03/25/26 16:36	5
Magnesium	52.0		1.00	0.222	mg/L		03/25/26 09:34	03/25/26 16:36	5
Potassium	40.4		2.50	0.530	mg/L		03/25/26 09:34	03/25/26 16:36	5
Sodium	650		2.50	0.759	mg/L		03/25/26 09:34	03/25/26 16:36	5
Lithium	0.605		0.200	0.0868	mg/L		03/25/26 09:34	03/25/26 16:36	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.00738	J	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 05:37	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 05:37	1
Arsenic	0.00688		0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 05:37	1
Barium	0.0383		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 05:37	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 05:37	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 05:37	1
Chromium	0.000851	J	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 05:37	1
Cobalt	0.00185	J	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 05:37	1
Iron	0.910		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 05:37	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 05:37	1
Molybdenum	0.00731		0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 05:37	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 05:37	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 05:37	1

Client Sample ID: AP MW-7D

Date Collected: 02/18/26 09:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-2

Matrix: Water

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**259**		4.00	4.00	mg/L			03/03/26 11:35	1
Total Dissolved Solids (SM 2540C)	**3420**		20.0	20.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**6.9**	**HF**			SU			02/23/26 13:31	1
Temperature (SM 4500 H+ B)	**20.7**	**HF**			Celsius			02/23/26 13:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	13.0	U	29.1	29.1	50.0	47.2	pCi/L	02/25/26 13:59	03/18/26 11:48	1
Radium-228	7.70	U G	51.7	51.7	50.0	88.1	pCi/L	02/25/26 13:59	03/18/26 11:48	1
Combined Radium 226 + 228	20.7	U	59.3	59.3		88.1	pCi/L	02/25/26 13:59	03/18/26 11:48	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.685**		0.170	0.181	1.00	0.135	pCi/L	02/25/26 06:52	03/19/26 21:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*02/25/26 06:52*	*03/19/26 21:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.38**		0.479	0.496	1.00	0.560	pCi/L	02/25/26 06:55	03/13/26 12:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.2*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*

Client Sample ID: EB-2

Date Collected: 02/18/26 10:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-3

Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.752**		0.500	0.250	mg/L			02/27/26 17:31	1
Fluoride	<0.100	U	0.500	0.100	mg/L			02/27/26 17:31	1
Sulfate	**0.630**		0.500	0.200	mg/L			02/27/26 17:31	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0809	U	0.250	0.0809	mg/L		03/25/26 09:34	03/25/26 16:40	5
Calcium	<0.508	U	1.00	0.508	mg/L		03/25/26 09:34	03/25/26 16:40	5
Magnesium	<0.222	U	1.00	0.222	mg/L		03/25/26 09:34	03/25/26 16:40	5

Client Sample ID: EB-2

Date Collected: 02/18/26 10:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-3

Matrix: Water

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	<0.530	U	2.50	0.530	mg/L		03/25/26 09:34	03/25/26 16:40	5
Sodium	**0.855**	**J**	2.50	0.759	mg/L		03/25/26 09:34	03/25/26 16:40	5
Lithium	<0.0868	U	0.200	0.0868	mg/L		03/25/26 09:34	03/25/26 16:40	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00603**	**J**	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 04:49	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 04:49	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 04:49	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 04:49	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 04:49	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 04:49	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 04:49	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 04:49	1
Iron	**0.00482**	**J**	0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 04:49	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 04:49	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 04:49	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 04:49	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 04:49	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:19	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**5.98**		4.00	4.00	mg/L			03/03/26 16:00	1
Total Dissolved Solids (SM 2540C)	**10300**		50.0	50.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**7.5**	**HF**			SU			02/23/26 13:31	1
Temperature (SM 4500 H+ B)	**20.6**	**HF**			Celsius			02/23/26 13:31	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	18.4	U G	32.6	32.6	50.0	52.0	pCi/L	02/26/26 10:32	03/19/26 10:41	1
Radium-228	1.35	U G	47.3	47.3	50.0	82.8	pCi/L	02/26/26 10:32	03/19/26 10:41	1
Combined Radium 226 + 228	19.7	U	57.4	57.4		82.8	pCi/L	02/26/26 10:32	03/19/26 10:41	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.122	U	0.0949	0.0955	1.00	0.139	pCi/L	02/25/26 06:52	03/19/26 21:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.3*		*30 - 110*	*02/25/26 06:52*	*03/19/26 21:27*	*1*

Client Sample ID: EB-2

Lab Sample ID: 870-44078-3
Date Collected: 02/18/26 10:15
Matrix: Water
Date Received: 02/20/26 08:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.153	U	0.371	0.371	1.00	0.650	pCi/L	02/25/26 06:55	03/13/26 12:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.3*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*
Y Carrier	*85.2*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*

Client Sample ID: AP MW-5D

Lab Sample ID: 870-44078-4
Date Collected: 02/18/26 11:40
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1540**		5.00	2.50	mg/L			02/27/26 18:00	10
Fluoride	**3.61**		0.500	0.100	mg/L			02/27/26 17:50	1
Sulfate	**3080**		5.00	2.00	mg/L			02/27/26 18:00	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.51**		0.250	0.0809	mg/L		03/25/26 09:34	03/25/26 16:42	5
Calcium	**575**		1.00	0.508	mg/L		03/25/26 09:34	03/25/26 16:42	5
Magnesium	**183**		1.00	0.222	mg/L		03/25/26 09:34	03/25/26 16:42	5
Potassium	**68.5**		2.50	0.530	mg/L		03/25/26 09:34	03/25/26 16:42	5
Sodium	**1170**		12.5	3.79	mg/L		03/25/26 09:34	03/25/26 16:44	25
Lithium	**1.39**		0.200	0.0868	mg/L		03/25/26 09:34	03/25/26 16:42	5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**28.5**		0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 10:01	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 10:01	1
Arsenic	**0.0125**		0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 10:01	1
Barium	**0.00967**		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 10:01	1
Beryllium	**0.135**		0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 10:01	1
Cadmium	**0.00366**	**J**	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:22	10
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 10:01	1
Cobalt	**0.0517**		0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 10:01	1
Iron	**7.50**		0.100	0.0223	mg/L		02/27/26 09:17	02/28/26 10:05	5
Lead	**0.000697**	**J**	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 10:01	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 10:01	1
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:22	10
Thallium	**0.000821**	**J**	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 10:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/03/26 11:23	1
Total Dissolved Solids (SM 2540C)	**6090**		50.0	50.0	mg/L			02/24/26 14:39	1

Client Sample ID: AP MW-5D

Lab Sample ID: 870-44078-4

Date Collected: 02/18/26 11:40
Matrix: Water
Date Received: 02/20/26 08:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	3.8	HF			SU			02/24/26 11:54	1
Temperature (SM 4500 H+ B)	21.8	HF			Celsius			02/24/26 11:54	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	15.7	U	22.3	22.4	50.0	34.0	pCi/L	02/25/26 13:59	03/18/26 11:49	1
Radium-228	18.3	U G	17.5	17.6	50.0	55.5	pCi/L	02/25/26 13:59	03/18/26 11:49	1
Combined Radium 226 + 228	34.0	U	28.3	28.5		55.5	pCi/L	02/25/26 13:59	03/18/26 11:49	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.17		0.212	0.237	1.00	0.118	pCi/L	02/25/26 06:52	03/19/26 21:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*02/25/26 06:52*	*03/19/26 21:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.03		0.799	0.923	1.00	0.660	pCi/L	02/25/26 06:55	03/13/26 12:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*
Y Carrier	*81.1*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*

Client Sample ID: AP MW-3D

Lab Sample ID: 870-44078-5

Date Collected: 02/18/26 14:20
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	242		0.500	0.250	mg/L			02/27/26 18:10	1
Fluoride	<0.100	U	0.500	0.100	mg/L			02/27/26 18:10	1
Sulfate	937		5.00	2.00	mg/L			02/27/26 18:19	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.50		0.250	0.0809	mg/L		03/25/26 09:34	03/25/26 16:48	5
Calcium	184		1.00	0.508	mg/L		03/25/26 09:34	03/25/26 16:48	5
Magnesium	24.2		1.00	0.222	mg/L		03/25/26 09:34	03/25/26 16:48	5
Potassium	19.4		2.50	0.530	mg/L		03/25/26 09:34	03/25/26 16:48	5
Sodium	261		2.50	0.759	mg/L		03/25/26 09:34	03/25/26 16:48	5
Lithium	0.188	J	0.200	0.0868	mg/L		03/25/26 09:34	03/25/26 16:48	5

Client Sample ID: AP MW-3D

Date Collected: 02/18/26 14:20
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-5

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.246**		0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 09:52	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 09:52	1
Arsenic	**0.00547**		0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 09:52	1
Barium	**0.0210**		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 09:52	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 09:52	1
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:14	10
Chromium	**0.000809**	**J**	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 09:52	1
Cobalt	**0.0259**		0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 09:52	1
Iron	**1.68**		0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 09:52	1
Lead	**0.000477**	**J**	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 09:52	1
Molybdenum	**0.000673**	**J**	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 09:52	1
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:14	10
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 09:52	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:26	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**25.0**		4.00	4.00	mg/L			03/03/26 16:10	1
Total Dissolved Solids (SM 2540C)	**1580**		10.0	10.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**5.2**	**HF**			SU			02/24/26 11:55	1
Temperature (SM 4500 H+ B)	**22.5**	**HF**			Celsius			02/24/26 11:55	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.2	U	24.2	24.3	50.0	36.1	pCi/L	02/25/26 13:59	03/18/26 11:50	1
Radium-228	**26.8**		18.1	18.3	50.0	21.0	pCi/L	02/25/26 13:59	03/18/26 11:50	1
Combined Radium 226 + 228	**52.0**		30.2	30.4		36.1	pCi/L	02/25/26 13:59	03/18/26 11:50	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.524**		0.145	0.153	1.00	0.120	pCi/L	02/25/26 06:52	03/19/26 21:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*02/25/26 06:52*	*03/19/26 21:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.40**		0.533	0.549	1.00	0.685	pCi/L	02/25/26 06:55	03/13/26 12:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.3*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*

Client Sample ID: AP MW-3D

Lab Sample ID: 870-44078-5
Matrix: Water
Date Collected: 02/18/26 14:20
Date Received: 02/20/26 08:30

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	77.0		30 - 110	02/25/26 06:55	03/13/26 12:41	1

Client Sample ID: SFL MW-1S

Lab Sample ID: 870-44078-6
Matrix: Water
Date Collected: 02/18/26 15:15
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2830**		5.00	2.50	mg/L			02/27/26 18:39	10
Fluoride	<0.100	U	0.500	0.100	mg/L			02/27/26 18:29	1
Sulfate	**1390**		5.00	2.00	mg/L			02/27/26 18:39	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.362**		0.250	0.0809	mg/L		03/25/26 09:34	03/25/26 16:55	5
Calcium	**685**		1.00	0.508	mg/L		03/25/26 09:34	03/25/26 16:55	5
Magnesium	**108**		1.00	0.222	mg/L		03/25/26 09:34	03/25/26 16:55	5
Potassium	**43.7**		2.50	0.530	mg/L		03/25/26 09:34	03/25/26 16:55	5
Sodium	**1240**		12.5	3.79	mg/L		03/25/26 09:34	03/25/26 16:57	25
Lithium	**0.610**		0.200	0.0868	mg/L		03/25/26 09:34	03/25/26 16:55	5

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/02/26 09:00	03/02/26 20:35	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		03/02/26 09:00	03/02/26 20:35	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/02/26 09:00	03/02/26 20:35	1
Barium	**0.0422**		0.0100	0.00125	mg/L		03/02/26 09:00	03/02/26 20:35	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/02/26 09:00	03/02/26 20:35	1
Boron	**0.357**		0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 20:35	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/02/26 09:00	03/02/26 20:35	1
Calcium	**613**		0.200	0.102	mg/L		03/02/26 09:00	03/02/26 20:35	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/02/26 09:00	03/02/26 20:35	1
Cobalt	**0.00263**	**J**	0.0100	0.00123	mg/L		03/02/26 09:00	03/02/26 20:35	1
Iron	**0.749**		0.200	0.0283	mg/L		03/02/26 09:00	03/02/26 20:35	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/02/26 09:00	03/02/26 20:35	1
Magnesium	**102**		0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 20:35	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		03/02/26 09:00	03/02/26 20:35	1
Potassium	**45.4**		0.500	0.106	mg/L		03/02/26 09:00	03/02/26 20:35	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/02/26 09:00	03/02/26 20:35	1
Sodium	**1360**		25.0	7.59	mg/L		03/02/26 09:00	03/03/26 10:55	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/02/26 09:00	03/02/26 20:35	1
Li	**0.517**	**B**	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 20:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 05:34	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 05:34	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 05:34	1
Barium	**0.0368**		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 05:34	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 05:34	1

Client Sample ID: SFL MW-1S

Date Collected: 02/18/26 15:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-6

Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 05:34	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 05:34	1
Cobalt	**0.00247**		0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 05:34	1
Iron	**0.656**		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 05:34	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 05:34	1
Molybdenum	**0.00149**	**J**	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 05:34	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 05:34	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 05:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:29	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		03/03/26 12:34	03/03/26 20:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**150**		4.00	4.00	mg/L			03/03/26 10:31	1
Total Dissolved Solids (SM 2540C)	**6290**		50.0	50.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**6.4**	**HF**			SU			02/24/26 11:55	1
Temperature (SM 4500 H+ B)	**22.7**	**HF**			Celsius			02/24/26 11:55	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-4.50	U	23.0	23.0	50.0	38.1	pCi/L	02/26/26 10:32	03/19/26 10:42	1
Radium-228	13.0	U	30.1	30.1	50.0	48.9	pCi/L	02/26/26 10:32	03/19/26 10:42	1
Combined Radium 226 + 228	8.46	U	37.9	37.9		48.9	pCi/L	02/26/26 10:32	03/19/26 10:42	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.78**		0.259	0.305	1.00	0.126	pCi/L	02/25/26 06:52	03/19/26 21:27	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*02/25/26 06:52*	*03/19/26 21:27*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**6.07**		0.856	1.02	1.00	0.639	pCi/L	02/25/26 06:55	03/13/26 12:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.3*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*
Y Carrier	*82.6*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:41*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-44078-1
SDG: GCSES

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-44078-1	AP MW-7S	79.5
870-44078-2	AP MW-7D	81.2
870-44078-3	EB-2	80.3
870-44078-4	AP MW-5D	82.9
870-44078-5	AP MW-3D	86.3
870-44078-6	SFL MW-1S	82.3
LCS 160-758709/2-A	Lab Control Sample	82.6
MB 160-758709/1-A	Method Blank	81.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-44078-1	AP MW-7S	79.5	83.7
870-44078-2	AP MW-7D	81.2	82.6
870-44078-3	EB-2	80.3	85.2
870-44078-4	AP MW-5D	82.9	81.1
870-44078-5	AP MW-3D	86.3	77.0
870-44078-6	SFL MW-1S	82.3	82.6
LCS 160-758710/2-A	Lab Control Sample	82.6	83.0
MB 160-758710/1-A	Method Blank	81.8	83.0

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-299999/3
Matrix: Water
Analysis Batch: 299999

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			02/27/26 10:14	1
Fluoride	<0.100	U	0.500	0.100	mg/L			02/27/26 10:14	1
Sulfate	<0.200	U	0.500	0.200	mg/L			02/27/26 10:14	1

Lab Sample ID: LCS 860-299999/4
Matrix: Water
Analysis Batch: 299999

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.40		mg/L		104	90 - 110
Fluoride	10.0	10.17		mg/L		102	90 - 110
Sulfate	10.0	10.32		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-299999/5
Matrix: Water
Analysis Batch: 299999

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.45		mg/L		105	90 - 110	0	20
Fluoride	10.0	10.25		mg/L		103	90 - 110	1	20
Sulfate	10.0	10.38		mg/L		104	90 - 110	1	20

Lab Sample ID: LLCS 860-299999/7
Matrix: Water
Analysis Batch: 299999

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5885		mg/L		118	50 - 150
Fluoride	0.500	0.5116		mg/L		102	50 - 150
Sulfate	0.500	0.5676		mg/L		114	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-307341/1-A
Matrix: Water
Analysis Batch: 307871

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 307341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/25/26 09:33	03/25/26 16:17	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/25/26 09:33	03/25/26 16:17	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/25/26 09:33	03/25/26 16:17	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/25/26 09:33	03/25/26 16:17	1
Sodium	<0.152	U	0.500	0.152	mg/L		03/25/26 09:33	03/25/26 16:17	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		03/25/26 09:33	03/25/26 16:17	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-307341/2-A
Matrix: Water
Analysis Batch: 307871

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 307341

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	0.9570		mg/L		96	80 - 120		
Calcium			25.0	24.80		mg/L		99	80 - 120		
Magnesium			25.0	24.60		mg/L		98	80 - 120		
Potassium			10.0	10.30		mg/L		103	80 - 120		
Sodium			25.0	25.10		mg/L		100	80 - 120		
Lithium			1.00	0.9810		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-307341/3-A
Matrix: Water
Analysis Batch: 307871

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 307341

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	0.9570		mg/L		96	80 - 120	0	20
Calcium			25.0	24.70		mg/L		99	80 - 120	0	20
Magnesium			25.0	24.60		mg/L		98	80 - 120	0	20
Potassium			10.0	10.40		mg/L		104	80 - 120	1	20
Sodium			25.0	25.00		mg/L		100	80 - 120	0	20
Lithium			1.00	0.9780		mg/L		98	80 - 120	0	20

Lab Sample ID: 870-44078-1 MS
Matrix: Water
Analysis Batch: 307871

Client Sample ID: AP MW-7S
Prep Type: Total/NA
Prep Batch: 307341

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron	1.33		1.00	2.260		mg/L		93	75 - 125		
Calcium	433		25.0	449.0	4	mg/L		64	75 - 125		
Magnesium	151		25.0	173.0	4	mg/L		88	75 - 125		
Potassium	57.2		10.0	67.90	4	mg/L		107	75 - 125		
Sodium	744		25.0	759.0	4	mg/L		60	75 - 125		
Lithium	1.16		1.00	2.220		mg/L		106	75 - 125		

Lab Sample ID: 870-44078-1 MSD
Matrix: Water
Analysis Batch: 307871

Client Sample ID: AP MW-7S
Prep Type: Total/NA
Prep Batch: 307341

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.33		1.00	2.190		mg/L		86	75 - 125	3	20
Calcium	433		25.0	436.0	4	mg/L		12	75 - 125	3	20
Magnesium	151		25.0	169.0	4	mg/L		72	75 - 125	2	20
Potassium	57.2		10.0	66.50	4	mg/L		93	75 - 125	2	20
Sodium	744		25.0	745.0	4	mg/L		4	75 - 125	2	20
Lithium	1.16		1.00	2.160		mg/L		100	75 - 125	3	20

Lab Sample ID: MB 860-300258/24-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 300506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/02/26 09:00	03/02/26 19:54	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-300258/24-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 300506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00803	U	0.0200	0.00803	mg/L		03/02/26 09:00	03/02/26 19:54	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/02/26 09:00	03/02/26 19:54	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		03/02/26 09:00	03/02/26 19:54	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/02/26 09:00	03/02/26 19:54	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 19:54	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/02/26 09:00	03/02/26 19:54	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/02/26 09:00	03/02/26 19:54	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/02/26 09:00	03/02/26 19:54	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		03/02/26 09:00	03/02/26 19:54	1
Iron	<0.0283	U	0.200	0.0283	mg/L		03/02/26 09:00	03/02/26 19:54	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/02/26 09:00	03/02/26 19:54	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 19:54	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		03/02/26 09:00	03/02/26 19:54	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/02/26 09:00	03/02/26 19:54	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/02/26 09:00	03/02/26 19:54	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/02/26 09:00	03/02/26 19:54	1
Li	0.01820	J	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 19:54	1

Lab Sample ID: MB 860-300258/24-B
Matrix: Water
Analysis Batch: 300972

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 300506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.152	U	0.500	0.152	mg/L		03/02/26 09:00	03/03/26 10:44	1

Lab Sample ID: LCS 860-300258/25-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 300506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.850		mg/L		97	80 - 120
Antimony	1.00	1.080		mg/L		108	80 - 120
Arsenic	1.00	0.9570		mg/L		96	80 - 120
Barium	1.00	1.030		mg/L		103	80 - 120
Beryllium	1.00	0.9800		mg/L		98	80 - 120
Boron	1.00	0.9440		mg/L		94	80 - 120
Cadmium	1.00	0.9660		mg/L		97	80 - 120
Calcium	25.0	24.90		mg/L		100	80 - 120
Chromium	1.00	0.9910		mg/L		99	80 - 120
Cobalt	1.00	1.000		mg/L		100	80 - 120
Iron	5.00	5.180		mg/L		104	80 - 120
Lead	1.00	0.9900		mg/L		99	80 - 120
Magnesium	25.0	24.70		mg/L		99	80 - 120
Molybdenum	1.00	1.050		mg/L		105	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Selenium	1.00	0.9910		mg/L		99	80 - 120
Thallium	1.00	0.9900		mg/L		99	80 - 120
Li	1.00	0.9850		mg/L		99	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-300258/25-B
Matrix: Water
Analysis Batch: 300972

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 300506

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Sodium			25.0	26.20		mg/L		105	80 - 120		

Lab Sample ID: LCSD 860-300258/26-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 300506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	4.850		mg/L		97	80 - 120	0	20
Antimony			1.00	1.080		mg/L		108	80 - 120	0	20
Arsenic			1.00	0.9550		mg/L		96	80 - 120	0	20
Barium			1.00	1.030		mg/L		103	80 - 120	0	20
Beryllium			1.00	0.9820		mg/L		98	80 - 120	0	20
Boron			1.00	0.9440		mg/L		94	80 - 120	0	20
Cadmium			1.00	0.9670		mg/L		97	80 - 120	0	20
Calcium			25.0	25.00		mg/L		100	80 - 120	0	20
Chromium			1.00	0.9940		mg/L		99	80 - 120	0	20
Cobalt			1.00	1.000		mg/L		100	80 - 120	0	20
Iron			5.00	5.190		mg/L		104	80 - 120	0	20
Lead			1.00	0.9900		mg/L		99	80 - 120	0	20
Magnesium			25.0	24.70		mg/L		99	80 - 120	0	20
Molybdenum			1.00	1.050		mg/L		105	80 - 120	0	20
Potassium			10.0	10.10		mg/L		101	80 - 120	0	20
Selenium			1.00	0.9950		mg/L		100	80 - 120	0	20
Thallium			1.00	0.9950		mg/L		100	80 - 120	1	20
Li			1.00	0.9850		mg/L		99	80 - 120	0	20

Lab Sample ID: LCSD 860-300258/26-B
Matrix: Water
Analysis Batch: 300972

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 300506

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium			25.0	26.10		mg/L		104	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-299729/1-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 03:54	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 03:54	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 03:54	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 03:54	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 03:54	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 03:54	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 03:54	1

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

Lab Sample ID: MB 860-299729/1-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 03:54	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 03:54	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 03:54	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 03:54	1

Lab Sample ID: LCS 860-299729/2-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4861		mg/L		97	80 - 120
Antimony	0.100	0.1040		mg/L		104	80 - 120
Arsenic	0.100	0.09895		mg/L		99	80 - 120
Barium	0.100	0.09825		mg/L		98	80 - 120
Beryllium	0.100	0.09418		mg/L		94	80 - 120
Cadmium	0.100	0.09791		mg/L		98	80 - 120
Chromium	0.100	0.09944		mg/L		99	80 - 120
Cobalt	0.100	0.09843		mg/L		98	80 - 120
Iron	0.500	0.4956		mg/L		99	80 - 120
Lead	0.100	0.09768		mg/L		98	80 - 120
Molybdenum	0.100	0.1059		mg/L		106	80 - 120
Selenium	0.100	0.1000		mg/L		100	80 - 120
Thallium	0.100	0.09821		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-299729/3-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4884		mg/L		98	80 - 120	0	20
Antimony	0.100	0.1041		mg/L		104	80 - 120	0	20
Arsenic	0.100	0.09988		mg/L		100	80 - 120	1	20
Barium	0.100	0.09844		mg/L		98	80 - 120	0	20
Beryllium	0.100	0.09399		mg/L		94	80 - 120	0	20
Cadmium	0.100	0.09788		mg/L		98	80 - 120	0	20
Chromium	0.100	0.09915		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09841		mg/L		98	80 - 120	0	20
Iron	0.500	0.4962		mg/L		99	80 - 120	0	20
Lead	0.100	0.09797		mg/L		98	80 - 120	0	20
Molybdenum	0.100	0.1061		mg/L		106	80 - 120	0	20
Selenium	0.100	0.1004		mg/L		100	80 - 120	0	20
Thallium	0.100	0.09776		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 860-299992/1-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 09:15	1

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

Lab Sample ID: MB 860-299992/1-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 09:15	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 09:15	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 09:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/27/26 09:17	02/28/26 09:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 09:15	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 09:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 09:15	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 09:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/27/26 09:17	02/28/26 09:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 09:15	1

Lab Sample ID: LCS 860-299992/2-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4978		mg/L		100	80 - 120
Antimony	0.100	0.09971		mg/L		100	80 - 120
Arsenic	0.100	0.09912		mg/L		99	80 - 120
Barium	0.100	0.09699		mg/L		97	80 - 120
Beryllium	0.100	0.09492		mg/L		95	80 - 120
Cadmium	0.100	0.09703		mg/L		97	80 - 120
Chromium	0.100	0.09955		mg/L		100	80 - 120
Cobalt	0.100	0.09835		mg/L		98	80 - 120
Iron	0.500	0.4914		mg/L		98	80 - 120
Lead	0.100	0.09922		mg/L		99	80 - 120
Molybdenum	0.100	0.1044		mg/L		104	80 - 120
Selenium	0.100	0.09991		mg/L		100	80 - 120
Thallium	0.100	0.09985		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-299992/3-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4915		mg/L		98	80 - 120	1	20
Antimony	0.100	0.09975		mg/L		100	80 - 120	0	20
Arsenic	0.100	0.09882		mg/L		99	80 - 120	0	20
Barium	0.100	0.09655		mg/L		97	80 - 120	0	20
Beryllium	0.100	0.09525		mg/L		95	80 - 120	0	20
Cadmium	0.100	0.09638		mg/L		96	80 - 120	1	20
Chromium	0.100	0.09907		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09808		mg/L		98	80 - 120	0	20
Iron	0.500	0.4891		mg/L		98	80 - 120	0	20
Lead	0.100	0.09971		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1037		mg/L		104	80 - 120	1	20
Selenium	0.100	0.09938		mg/L		99	80 - 120	1	20

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

Lab Sample ID: LCSD 860-299992/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 300430 — **Prep Batch: 299992**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium			0.100	0.1004		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-299733/10-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 299907 — **Prep Batch: 299733**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:55	02/26/26 20:22	1

Lab Sample ID: LCS 860-299733/11-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 299907 — **Prep Batch: 299733**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001921		mg/L		96	80 - 120		

Lab Sample ID: LCSD 860-299733/12-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 299907 — **Prep Batch: 299733**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001927		mg/L		96	80 - 120	0	20

Lab Sample ID: MB 860-301004/10-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 301193 — **Prep Batch: 301004**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		03/03/26 12:34	03/03/26 20:36	1

Lab Sample ID: LCS 860-301004/11-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 301193 — **Prep Batch: 301004**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001786		mg/L		89	80 - 120		

Lab Sample ID: LCSD 860-301004/12-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 301193 — **Prep Batch: 301004**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001904		mg/L		95	80 - 120	6	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-300877/3
Matrix: Water
Analysis Batch: 300877

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/02/26 12:27	1

Lab Sample ID: LCS 860-300877/5
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	255.6		mg/L		102	85 - 115

Lab Sample ID: LCSD 860-300877/6
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	257.1		mg/L		103	85 - 115	1	20

Lab Sample ID: LLCS 860-300877/4
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	5.120		mg/L		128	50 - 150

Lab Sample ID: MB 860-301001/4
Matrix: Water
Analysis Batch: 301001

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/02/26 23:04	1

Lab Sample ID: LCS 860-301001/5
Matrix: Water
Analysis Batch: 301001

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	246.4		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-301001/6
Matrix: Water
Analysis Batch: 301001

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	248.6		mg/L		99	85 - 115	1	20

Lab Sample ID: MB 860-301251/3
Matrix: Water
Analysis Batch: 301251

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/03/26 13:14	1

Method: SM 2320B - Alkalinity

Lab Sample ID: LCS 860-301251/6
Matrix: Water
Analysis Batch: 301251

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	246.9		mg/L		99	85 - 115		

Lab Sample ID: LCSD 860-301251/7
Matrix: Water
Analysis Batch: 301251

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	247.8		mg/L		99	85 - 115	0	20

Lab Sample ID: LLCS 860-301251/5
Matrix: Water
Analysis Batch: 301251

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	<4.00	U	mg/L		66	50 - 150		

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

Lab Sample ID: MB 870-36032/1
Matrix: Water
Analysis Batch: 36032

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	<2.50	U	2.50	2.50	mg/L			02/24/26 14:39	1

Lab Sample ID: LCS 870-36032/2
Matrix: Water
Analysis Batch: 36032

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			1000	892.0		mg/L		89	80 - 120		

Lab Sample ID: LCSD 870-36032/3
Matrix: Water
Analysis Batch: 36032

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	903.0		mg/L		90	80 - 120	1	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-44078-4 DU
Matrix: Water
Analysis Batch: 36023

Client Sample ID: AP MW-5D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	3.8	HF		3.8		SU				0.5	20
Temperature	21.8	HF		21.8		Celsius				0	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-758770/1-A
Matrix: Water
Analysis Batch: 761980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758770

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.33		19.9	20.1	50.0	23.4	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Radium-228	-10.82	U G	35.0	35.0	50.0	62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Combined Radium 226 + 228	14.52	U	40.3	40.4		62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1

Lab Sample ID: LCS 160-758770/2-A
Matrix: Water
Analysis Batch: 761983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758770

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	148100		15200		515	pCi/L	104	75 - 125
Cesium-137	37300	36810		3610		234	pCi/L	99	75 - 125
Cobalt-60	48300	47520		4640		154	pCi/L	98	75 - 125

Lab Sample ID: MB 160-758959/1-A
Matrix: Water
Analysis Batch: 762148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758959

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.78	U	20.9	21.0	50.0	29.7	pCi/L	02/26/26 10:32	03/19/26 09:04	1
Radium-228	-26.76	U G	33.4	33.5	50.0	62.1	pCi/L	02/26/26 10:32	03/19/26 09:04	1
Combined Radium 226 + 228	-4.980	U	39.4	39.5		62.1	pCi/L	02/26/26 10:32	03/19/26 09:04	1

Lab Sample ID: LCS 160-758959/2-A
Matrix: Water
Analysis Batch: 762150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758959

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	148900		15300		516	pCi/L	105	75 - 125
Cesium-137	37300	36320		3560		218	pCi/L	97	75 - 125
Cobalt-60	48300	47520		4640		152	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-758709/1-A
Matrix: Water
Analysis Batch: 762056

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758709

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.04872	U	0.0949	0.0950	1.00	0.168	pCi/L	02/25/26 06:52	03/19/26 18:24	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*02/25/26 06:52*	*03/19/26 18:24*	*1*

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-758709/2-A
Matrix: Water
Analysis Batch: 762056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758709

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	9.969		1.07	1.00	0.127	pCi/L	104	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.6*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-758710/1-A
Matrix: Water
Analysis Batch: 761387

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758710

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.03725	U	0.364	0.364	1.00	0.665	pCi/L	02/25/26 06:55	03/13/26 12:19	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:19*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/25/26 06:55*	*03/13/26 12:19*	*1*

Lab Sample ID: LCS 160-758710/2-A
Matrix: Water
Analysis Batch: 761387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758710

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.34	10.58		1.45	1.00	0.634	pCi/L	113	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.6*		*30 - 110*
Y Carrier	*83.0*		*30 - 110*

HPLC/IC

Analysis Batch: 299999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	9056A	
870-44078-1	AP MW-7S	Total/NA	Water	9056A	
870-44078-2	AP MW-7D	Total/NA	Water	9056A	
870-44078-2	AP MW-7D	Total/NA	Water	9056A	
870-44078-3	EB-2	Total/NA	Water	9056A	
870-44078-4	AP MW-5D	Total/NA	Water	9056A	
870-44078-4	AP MW-5D	Total/NA	Water	9056A	
870-44078-5	AP MW-3D	Total/NA	Water	9056A	
870-44078-5	AP MW-3D	Total/NA	Water	9056A	
870-44078-6	SFL MW-1S	Total/NA	Water	9056A	
870-44078-6	SFL MW-1S	Total/NA	Water	9056A	
MB 860-299999/3	Method Blank	Total/NA	Water	9056A	
LCS 860-299999/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-299999/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-299999/7	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 299729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	3010A	
870-44078-2	AP MW-7D	Total/NA	Water	3010A	
870-44078-3	EB-2	Total/NA	Water	3010A	
870-44078-6	SFL MW-1S	Total/NA	Water	3010A	
MB 860-299729/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 299733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	7470A	
870-44078-2	AP MW-7D	Total/NA	Water	7470A	
870-44078-3	EB-2	Total/NA	Water	7470A	
870-44078-4	AP MW-5D	Total/NA	Water	7470A	
870-44078-5	AP MW-3D	Total/NA	Water	7470A	
870-44078-6	SFL MW-1S	Total/NA	Water	7470A	
MB 860-299733/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-299733/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-299733/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 299907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	7470A	299733
870-44078-2	AP MW-7D	Total/NA	Water	7470A	299733
870-44078-3	EB-2	Total/NA	Water	7470A	299733
870-44078-4	AP MW-5D	Total/NA	Water	7470A	299733
870-44078-5	AP MW-3D	Total/NA	Water	7470A	299733
870-44078-6	SFL MW-1S	Total/NA	Water	7470A	299733
MB 860-299733/10-A	Method Blank	Total/NA	Water	7470A	299733
LCS 860-299733/11-A	Lab Control Sample	Total/NA	Water	7470A	299733
LCSD 860-299733/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	299733

Metals

Prep Batch: 299992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-4	AP MW-5D	Total/NA	Water	3010A	
870-44078-5	AP MW-3D	Total/NA	Water	3010A	
MB 860-299992/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Filtration Batch: 300258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-300258/24-B	Method Blank	Dissolved	Water	Filtration	
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	Filtration	

Analysis Batch: 300428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	6020B	299729
870-44078-1	AP MW-7S	Total/NA	Water	6020B	299729
870-44078-2	AP MW-7D	Total/NA	Water	6020B	299729
870-44078-3	EB-2	Total/NA	Water	6020B	299729
870-44078-6	SFL MW-1S	Total/NA	Water	6020B	299729
MB 860-299729/1-A	Method Blank	Total/NA	Water	6020B	299729
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	6020B	299729
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299729

Analysis Batch: 300430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-4	AP MW-5D	Total/NA	Water	6020B	299992
870-44078-4	AP MW-5D	Total/NA	Water	6020B	299992
870-44078-5	AP MW-3D	Total/NA	Water	6020B	299992
MB 860-299992/1-A	Method Blank	Total/NA	Water	6020B	299992
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	6020B	299992
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299992

Prep Batch: 300506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-6	SFL MW-1S	Dissolved	Water	3010A	
MB 860-300258/24-B	Method Blank	Dissolved	Water	3010A	300258
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	3010A	300258
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	3010A	300258

Analysis Batch: 300666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-4	AP MW-5D	Total/NA	Water	6020B	299992
870-44078-5	AP MW-3D	Total/NA	Water	6020B	299992

Analysis Batch: 300879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-6	SFL MW-1S	Dissolved	Water	6010D	300506
MB 860-300258/24-B	Method Blank	Dissolved	Water	6010D	300506
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	6010D	300506
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	6010D	300506

Metals

Analysis Batch: 300972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-6	SFL MW-1S	Dissolved	Water	6010D	300506
MB 860-300258/24-B	Method Blank	Dissolved	Water	6010D	300506
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	6010D	300506
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	6010D	300506

Prep Batch: 301004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-6	SFL MW-1S	Dissolved	Water	7470A	
MB 860-301004/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-301004/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-301004/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 301193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-6	SFL MW-1S	Dissolved	Water	7470A	301004
MB 860-301004/10-A	Method Blank	Total/NA	Water	7470A	301004
LCS 860-301004/11-A	Lab Control Sample	Total/NA	Water	7470A	301004
LCSD 860-301004/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	301004

Prep Batch: 307341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	3010A	
870-44078-2	AP MW-7D	Total/NA	Water	3010A	
870-44078-3	EB-2	Total/NA	Water	3010A	
870-44078-4	AP MW-5D	Total/NA	Water	3010A	
870-44078-5	AP MW-3D	Total/NA	Water	3010A	
870-44078-6	SFL MW-1S	Total/NA	Water	3010A	
MB 860-307341/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-307341/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-307341/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-44078-1 MS	AP MW-7S	Total/NA	Water	3010A	
870-44078-1 MSD	AP MW-7S	Total/NA	Water	3010A	

Analysis Batch: 307871

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	6010D	307341
870-44078-1	AP MW-7S	Total/NA	Water	6010D	307341
870-44078-2	AP MW-7D	Total/NA	Water	6010D	307341
870-44078-3	EB-2	Total/NA	Water	6010D	307341
870-44078-4	AP MW-5D	Total/NA	Water	6010D	307341
870-44078-4	AP MW-5D	Total/NA	Water	6010D	307341
870-44078-5	AP MW-3D	Total/NA	Water	6010D	307341
870-44078-6	SFL MW-1S	Total/NA	Water	6010D	307341
870-44078-6	SFL MW-1S	Total/NA	Water	6010D	307341
MB 860-307341/1-A	Method Blank	Total/NA	Water	6010D	307341
LCS 860-307341/2-A	Lab Control Sample	Total/NA	Water	6010D	307341
LCSD 860-307341/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	307341
870-44078-1 MS	AP MW-7S	Total/NA	Water	6010D	307341
870-44078-1 MSD	AP MW-7S	Total/NA	Water	6010D	307341

General Chemistry

Analysis Batch: 35978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	SM 4500 H+ B	
870-44078-2	AP MW-7D	Total/NA	Water	SM 4500 H+ B	
870-44078-3	EB-2	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 36023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-4	AP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-44078-5	AP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-44078-6	SFL MW-1S	Total/NA	Water	SM 4500 H+ B	
870-44078-4 DU	AP MW-5D	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 36032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	SM 2540C	
870-44078-2	AP MW-7D	Total/NA	Water	SM 2540C	
870-44078-3	EB-2	Total/NA	Water	SM 2540C	
870-44078-4	AP MW-5D	Total/NA	Water	SM 2540C	
870-44078-5	AP MW-3D	Total/NA	Water	SM 2540C	
870-44078-6	SFL MW-1S	Total/NA	Water	SM 2540C	
MB 870-36032/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-36032/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-36032/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 300877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	SM 2320B	
MB 860-300877/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-300877/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-300877/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-300877/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 301001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-2	AP MW-7D	Total/NA	Water	SM 2320B	
870-44078-4	AP MW-5D	Total/NA	Water	SM 2320B	
870-44078-6	SFL MW-1S	Total/NA	Water	SM 2320B	
MB 860-301001/4	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-301001/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-301001/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

Analysis Batch: 301251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-3	EB-2	Total/NA	Water	SM 2320B	
870-44078-5	AP MW-3D	Total/NA	Water	SM 2320B	
MB 860-301251/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-301251/6	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-301251/7	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-301251/5	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 758709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	PrecSep-21	
870-44078-2	AP MW-7D	Total/NA	Water	PrecSep-21	
870-44078-3	EB-2	Total/NA	Water	PrecSep-21	
870-44078-4	AP MW-5D	Total/NA	Water	PrecSep-21	
870-44078-5	AP MW-3D	Total/NA	Water	PrecSep-21	
870-44078-6	SFL MW-1S	Total/NA	Water	PrecSep-21	
MB 160-758709/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-758709/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 758710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	PrecSep_0	
870-44078-2	AP MW-7D	Total/NA	Water	PrecSep_0	
870-44078-3	EB-2	Total/NA	Water	PrecSep_0	
870-44078-4	AP MW-5D	Total/NA	Water	PrecSep_0	
870-44078-5	AP MW-3D	Total/NA	Water	PrecSep_0	
870-44078-6	SFL MW-1S	Total/NA	Water	PrecSep_0	
MB 160-758710/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758710/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 758770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-2	AP MW-7D	Total/NA	Water	Fill_Geo-21	
870-44078-4	AP MW-5D	Total/NA	Water	Fill_Geo-21	
870-44078-5	AP MW-3D	Total/NA	Water	Fill_Geo-21	
MB 160-758770/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758770/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 758959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44078-1	AP MW-7S	Total/NA	Water	Fill_Geo-21	
870-44078-3	EB-2	Total/NA	Water	Fill_Geo-21	
870-44078-6	SFL MW-1S	Total/NA	Water	Fill_Geo-21	
MB 160-758959/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758959/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-44078-1
SDG: GCSES

Client Sample ID: AP MW-7S

Date Collected: 02/18/26 07:55
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 16:03	RJD	EET HOU
Total/NA	Analysis	9056A		10			299999	02/27/26 16:13	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		1			307871	03/25/26 16:21	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		5			307871	03/25/26 16:23	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 04:52	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		5			300428	02/28/26 05:01	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:13	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 13:31	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762053	03/19/26 09:06	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.61 mL	1.0 g	758709	02/25/26 06:52	AMS	EET SL
Total/NA	Analysis	903.0		1			762056	03/19/26 21:26	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.61 mL	1.0 g	758710	02/25/26 06:55	AMS	EET SL
Total/NA	Analysis	904.0		1			761391	03/13/26 12:40	SWS	EET SL

Client Sample ID: AP MW-7D

Date Collected: 02/18/26 09:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 17:11	RJD	EET HOU
Total/NA	Analysis	9056A		10			299999	02/27/26 17:21	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		5			307871	03/25/26 16:36	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 05:37	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301001	03/03/26 11:35	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761983	03/18/26 11:48	ASA	EET SL
Total/NA	Prep	PrecSep-21			1004.88 mL	1.0 g	758709	02/25/26 06:52	AMS	EET SL
Total/NA	Analysis	903.0		1			762056	03/19/26 21:27	SWS	EET SL

Client Sample ID: AP MW-7D
Date Collected: 02/18/26 09:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1004.88 mL	1.0 g	758710	02/25/26 06:55	AMS	EET SL
Total/NA	Analysis	904.0		1			761391	03/13/26 12:41	SWS	EET SL

Client Sample ID: EB-2
Date Collected: 02/18/26 10:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 17:31	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		5			307871	03/25/26 16:40	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 04:49	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:19	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 16:00	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			35978	02/23/26 13:31	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762150	03/19/26 10:41	ASA	EET SL
Total/NA	Prep	PrecSep-21			1004.37 mL	1.0 g	758709	02/25/26 06:52	AMS	EET SL
Total/NA	Analysis	903.0		1			762056	03/19/26 21:27	SWS	EET SL
Total/NA	Prep	PrecSep_0			1004.37 mL	1.0 g	758710	02/25/26 06:55	AMS	EET SL
Total/NA	Analysis	904.0		1			761391	03/13/26 12:41	SWS	EET SL

Client Sample ID: AP MW-5D
Date Collected: 02/18/26 11:40
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 17:50	RJD	EET HOU
Total/NA	Analysis	9056A		10			299999	02/27/26 18:00	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		5			307871	03/25/26 16:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		25			307871	03/25/26 16:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 10:01	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		5			300430	02/28/26 10:05	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:22	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:23	SHZ	EET HOU

Client Sample ID: AP MW-5D

Date Collected: 02/18/26 11:40
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	SM 2320B		1			301001	03/03/26 11:23	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:54	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761976	03/18/26 11:49	CAH	EET SL
Total/NA	Prep	PrecSep-21			1004.04 mL	1.0 g	758709	02/25/26 06:52	AMS	EET SL
Total/NA	Analysis	903.0		1			762056	03/19/26 21:27	SWS	EET SL
Total/NA	Prep	PrecSep_0			1004.04 mL	1.0 g	758710	02/25/26 06:55	AMS	EET SL
Total/NA	Analysis	904.0		1			761391	03/13/26 12:41	SWS	EET SL

Client Sample ID: AP MW-3D

Date Collected: 02/18/26 14:20
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 18:10	RJD	EET HOU
Total/NA	Analysis	9056A		10			299999	02/27/26 18:19	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		5			307871	03/25/26 16:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 09:52	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:14	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:26	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 16:10	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:55	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761977	03/18/26 11:50	CAH	EET SL
Total/NA	Prep	PrecSep-21			1000.24 mL	1.0 g	758709	02/25/26 06:52	AMS	EET SL
Total/NA	Analysis	903.0		1			762056	03/19/26 21:27	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.24 mL	1.0 g	758710	02/25/26 06:55	AMS	EET SL
Total/NA	Analysis	904.0		1			761391	03/13/26 12:41	SWS	EET SL

Client Sample ID: SFL MW-1S

Date Collected: 02/18/26 15:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 18:29	RJD	EET HOU
Total/NA	Analysis	9056A		10			299999	02/27/26 18:39	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	300506	03/02/26 09:00	MD	EET HOU
Dissolved	Analysis	6010D		50			300972	03/03/26 10:55	JDM	EET HOU

Lab Chronicle

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-44078-1
SDG: GCSES

Client Sample ID: SFL MW-1S

Date Collected: 02/18/26 15:15
Date Received: 02/20/26 08:30

Lab Sample ID: 870-44078-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	3010A			50 mL	50 mL	300506	03/02/26 09:00	MD	EET HOU
Dissolved	Analysis	6010D		1			300879	03/02/26 20:35	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		5			307871	03/25/26 16:55	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	307341	03/25/26 09:34	MD	EET HOU
Total/NA	Analysis	6010D		25			307871	03/25/26 16:57	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 05:34	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	301004	03/03/26 12:34	AGR	EET HOU
Dissolved	Analysis	7470A		1			301193	03/03/26 20:59	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:29	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301001	03/03/26 10:31	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:55	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762055	03/19/26 10:42	ASA	EET SL
Total/NA	Prep	PrecSep-21			1001.63 mL	1.0 g	758709	02/25/26 06:52	AMS	EET SL
Total/NA	Analysis	903.0		1			762056	03/19/26 21:27	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.63 mL	1.0 g	758710	02/25/26 06:55	AMS	EET SL
Total/NA	Analysis	904.0		1			761391	03/13/26 12:41	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-44078-1
SDG: GCSES

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-44078-1
SDG: GCSES

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-44078-1
SDG: GCSES

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-44078-1	AP MW-7S	Water	02/18/26 07:55	02/20/26 08:30	Texas
870-44078-2	AP MW-7D	Water	02/18/26 09:15	02/20/26 08:30	Texas
870-44078-3	EB-2	Water	02/18/26 10:15	02/20/26 08:30	Texas
870-44078-4	AP MW-5D	Water	02/18/26 11:40	02/20/26 08:30	Texas
870-44078-5	AP MW-3D	Water	02/18/26 14:20	02/20/26 08:30	Texas
870-44078-6	SFL MW-1S	Water	02/18/26 15:15	02/20/26 08:30	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

3/30/2026

Client Information	Sampler: WR Cullen	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP MW-7S	2/18/26	0755	G	W			X	X	X	X	X	X		X	X	6	
AP MW-7D	2/18/26	0915	G	W			X	X	X	X	X	X		X	X	6	
EB-2	2/18/26	1015	G	W			X	X	X	X	X	X		X	X	6	
AP MW-5D	2/18/26	1140	G	W			X	X	X	X	X	X		X	X	6	
AP MW-3D	2/18/26	1420	G	W			X	X	X	X	X	X		X	X	6	
SFL MW-1S	2/18/26	1515	G	W	Y		X	X	X	X	X	X	X	X	X	7	

870-44078 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: WR Cullen	Date/Time: 2/19/26 1500	Company	Received by: WHS
Relinquished by:	Date/Time:	Company	Received by:
Relinquished by:	Date/Time:	Company	Received by:

Date/Time: 2/20/26 830	Company
Date/Time:	Company
Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.4 | 0.3 | 1.00 | 0.9 THM-027 0.1

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9958.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-44078-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/27/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GIBBONS CREEK STEAM ELECTRIC STATION	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW075 (870-44078-1)	2/18/26	07:55 Central	G	Water			X	X	X	2	
AP MW-7D (870-44078-2)	2/18/26	09:15 Central	G	Water			X	X	X	2	
FB-2 (870-44078-3)	2/18/26	10:15 Central	G	Water			X	X	X	2	
AP MW-5D (870-44078-4)	2/18/26	11:40 Central	G	Water			X	X	X	2	
AP MW-3D (870-44078-5)	2/18/26	14:20 Central	G	Water			X	X	X	2	
SFL MW-15 (870-44078-6)	2/18/26	15:15 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	02/26/26 1700				
Relinquished by:	Date/Time:	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: FEB 20 2026	Date/Time: FEB 21 2026 0800	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9961 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-44078-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/26/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GIBBONS CREEK STEAM ELECTRIC STATION	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
AP MW075 (870-44078-1)	2/18/26	07:55 Central	G	Water			X	X	X	X			3	
AP MW-7D (870-44078-2)	2/18/26	09:15 Central	G	Water			X	X	X	X			3	
FB-2 (870-44078-3)	2/18/26	10:15 Central	G	Water			X	X	X	X			3	
AP MW-5D (870-44078-4)	2/18/26	11:40 Central	G	Water			X	X	X	X			3	
AP MW-3D (870-44078-5)	2/18/26	14:20 Central	G	Water			X	X	X	X			3	
SFL MW-15 (870-44078-6)	2/18/26	15:15 Central	G	Water			X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 02/20/26 - 1700	Company	Received by: FEB 21 2026 FEB 20 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Time:	Date/Time:	Company

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

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44078-1
SDG Number: GCSES

Login Number: 44078
List Number: 1
Creator: Stoaks, Miya L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44078-1
SDG Number: GCSES

Login Number: 44078
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 02/21/26 11:11 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44078-1
SDG Number: GCSES

Login Number: 44078
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/21/26 10:47 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 3/25/2026 5:00:36 PM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-44079-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

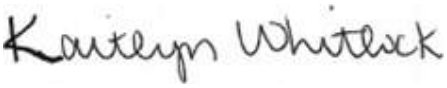
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
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Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 17
QC Sample Results 18
QC Association Summary 32
Lab Chronicle 38
Certification Summary 42
Method Summary 43
Sample Summary 44
Chain of Custody 45
Receipt Checklists 48

Definitions/Glossary

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
870-44079-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/20/2026 8:30 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 0.4°C and 1.4°C.

HPLC/IC
Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-299999 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.

Metals
Method 6010D: The method blank for preparation batch 860-300258, 860-300509 and 860-300506 and analytical batch 860-300879 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The method blank for preparation batch 860-300258, 860-300509 and 860-300506 and analytical batch 860-300879 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: FD-2 (870-44079-3), AP MW-1D (870-44079-4) and AP PZ-4S (870-44079-5). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples AP MW-4S (870-44079-1), AP MW-1 (870-44079-2), FD-2 (870-44079-3), AP MW-1D (870-44079-4), AP PZ-4S (870-44079-5) and SFL MW-6D (870-44079-6) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 758770

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234

Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Method 901.1: Gamma Batch 758770

The Ra 228 MDC for the method blank (MB) is above the requested limit of 50.0 pCi/L . Activity was not observed in the MB above the MDC or RL. The data have been reported with the MDC achieved. (MB 160-758770/1-A).

Method 901.1: Gamma Batch 758770

The detection goal was not met for Ra-226 and /or Ra-228 for the following samples. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Cs-137 is well below the RL and MDC.
AP MW-4S (870-44079-1), AP MW-1 (870-44079-2), FD-2 (870-44079-3), AP MW-1D (870-44079-4), AP PZ-4S (870-44079-5), (870-44041-A-2-A) and (870-44041-A-2-B DU)

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

Gas Flow Proportional Counter
Method 903.0: Radium 226 Batch 758703

The Radium-226 laboratory control sample (LCS) associated with the following samples recovered at 73%: (LCS 160-758703/2-A). The limits in our LIMS system at 75-125% reflect the requirements of a regulatory agency that represents a large amount of our work. However the samples associated with this LCS are not from this agency and are therefore held to our in-house statistical limits of 66-126%. The LCS is within criteria and no further action is required.

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

Client Sample ID: AP MW-4S
Lab Sample ID: 870-44079-1

Date Collected: 02/18/26 10:30
Matrix: Water

Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**137**		0.500	0.250	mg/L			02/27/26 11:02	1
Fluoride	**0.415**	**J F2 F1**	0.500	0.100	mg/L			02/27/26 11:02	1
Sulfate	**772**		5.00	2.00	mg/L			02/27/26 11:12	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.31**		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 13:55	1
Calcium	**116**		0.200	0.102	mg/L		02/26/26 12:54	02/27/26 13:55	1
Magnesium	**20.7**		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 13:55	1
Potassium	**21.0**		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 13:55	1
Sodium	**185**		0.500	0.152	mg/L		02/26/26 12:54	02/27/26 13:55	1
Lithium	**0.170**		0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 13:55	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4.83**		0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 05:16	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 05:16	1
Arsenic	**0.00900**		0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 05:16	1
Barium	**0.0157**		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 05:16	1
Beryllium	**0.0154**		0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 05:16	1
Cadmium	**0.000412**	**J**	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 05:16	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 05:16	1
Cobalt	**0.0368**		0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 05:16	1
Iron	**9.86**		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 05:16	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 05:16	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 05:16	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 05:16	1
Thallium	**0.000510**	**J**	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 05:16	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 20:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/03/26 10:11	1
Total Dissolved Solids (SM 2540C)	**1460**		10.0	10.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**3.6**	**HF**			SU			02/24/26 11:54	1
Temperature (SM 4500 H+ B)	**19.4**	**HF**			Celsius			02/24/26 11:54	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**56.9**		29.2	29.7	50.0	38.7	pCi/L	02/25/26 13:59	03/18/26 11:52	1
Radium-228	-15.9	U G	30.8	30.9	50.0	57.1	pCi/L	02/25/26 13:59	03/18/26 11:52	1
Combined Radium 226 + 228	41.0	U	42.4	42.9		57.1	pCi/L	02/25/26 13:59	03/18/26 11:52	1

Client Sample ID: AP MW-4S
Lab Sample ID: 870-44079-1
Date Collected: 02/18/26 10:30
Matrix: Water
Date Received: 02/20/26 08:30

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.288		0.118	0.121	1.00	0.121	pCi/L	02/25/26 06:35	03/19/26 10:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*02/25/26 06:35*	*03/19/26 10:03*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.552	U	0.403	0.406	1.00	0.616	pCi/L	02/25/26 06:40	03/13/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.1*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*
Y Carrier	*82.2*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*

Client Sample ID: AP MW-1
Lab Sample ID: 870-44079-2
Date Collected: 02/18/26 12:00
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	181		0.500	0.250	mg/L			02/27/26 12:49	1
Fluoride	0.132	J	0.500	0.100	mg/L			02/27/26 12:49	1
Sulfate	725		5.00	2.00	mg/L			02/27/26 12:59	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.93		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 14:20	1
Calcium	98.4		0.200	0.102	mg/L		02/26/26 12:54	02/27/26 14:20	1
Magnesium	19.9		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 14:20	1
Potassium	8.96		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 14:20	1
Sodium	271		2.50	0.759	mg/L		02/26/26 12:54	02/27/26 14:22	5
Lithium	0.0711		0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 14:20	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0148	J	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 05:13	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 05:13	1
Arsenic	0.00287	J	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 05:13	1
Barium	0.0388		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 05:13	1
Beryllium	0.00367		0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 05:13	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 05:13	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 05:13	1
Cobalt	0.0723		0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 05:13	1
Iron	0.970		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 05:13	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 05:13	1
Molybdenum	0.00346		0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 05:13	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 05:13	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 05:13	1

Client Sample ID: AP MW-1
Lab Sample ID: 870-44079-2
Date Collected: 02/18/26 12:00
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 20:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	82.7		4.00	4.00	mg/L			03/03/26 10:51	1
Total Dissolved Solids (SM 2540C)	1550		10.0	10.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	5.5	HF			SU			02/24/26 11:54	1
Temperature (SM 4500 H+ B)	21.0	HF			Celsius			02/24/26 11:54	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	6.10	U	23.8	23.8	50.0	39.1	pCi/L	02/25/26 13:59	03/18/26 11:54	1
Radium-228	10.7	U G	12.6	12.6	50.0	70.7	pCi/L	02/25/26 13:59	03/18/26 11:54	1
Combined Radium 226 + 228	16.8	U	26.9	26.9		70.7	pCi/L	02/25/26 13:59	03/18/26 11:54	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.643		0.167	0.177	1.00	0.132	pCi/L	02/25/26 06:35	03/19/26 10:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*02/25/26 06:35*	*03/19/26 10:03*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.67		0.559	0.580	1.00	0.693	pCi/L	02/25/26 06:40	03/13/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*
Y Carrier	*80.4*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*

Client Sample ID: FD-2
Lab Sample ID: 870-44079-3
Date Collected: 02/18/26 12:05
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	171		0.500	0.250	mg/L			03/03/26 13:26	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/03/26 13:26	1
Sulfate	655		5.00	2.00	mg/L			03/03/26 13:35	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.17		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 14:13	1
Calcium	49.0		0.200	0.102	mg/L		02/26/26 12:54	02/27/26 14:13	1
Magnesium	8.96		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 14:13	1

Client Sample ID: FD-2
Lab Sample ID: 870-44079-3

Date Collected: 02/18/26 12:05
Matrix: Water

Date Received: 02/20/26 08:30

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**8.98**		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 14:13	1
Sodium	**195**		0.500	0.152	mg/L		02/26/26 12:54	02/27/26 14:13	1
Lithium	**0.0248**	**J**	0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 14:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00888**	**J**	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 10:08	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 10:08	1
Arsenic	**0.0100**		0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 10:08	1
Barium	**0.00902**		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 10:08	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 10:08	1
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:25	10
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 10:08	1
Cobalt	**0.00594**		0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 10:08	1
Iron	**0.00703**	**J**	0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 10:08	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 10:08	1
Molybdenum	**0.0275**		0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 10:08	1
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:25	10
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 10:08	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 20:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**81.2**		4.00	4.00	mg/L			03/02/26 22:34	1
Total Dissolved Solids (SM 2540C)	**1590**		10.0	10.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**5.6**	**HF**			SU			02/24/26 11:54	1
Temperature (SM 4500 H+ B)	**17.6**	**HF**			Celsius			02/24/26 11:54	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**41.7**		21.4	21.8	50.0	26.1	pCi/L	02/25/26 13:59	03/18/26 13:15	1
Radium-228	3.98	U G	30.1	30.1	50.0	51.5	pCi/L	02/25/26 13:59	03/18/26 13:15	1
Combined Radium 226 + 228	45.7	U	36.9	37.2		51.5	pCi/L	02/25/26 13:59	03/18/26 13:15	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.559**		0.155	0.163	1.00	0.128	pCi/L	02/25/26 06:35	03/19/26 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*02/25/26 06:35*	*03/19/26 10:04*	*1*

Client Sample ID: FD-2
Lab Sample ID: 870-44079-3
Date Collected: 02/18/26 12:05
Matrix: Water
Date Received: 02/20/26 08:30

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.74		0.596	0.647	1.00	0.596	pCi/L	02/25/26 06:40	03/13/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*
Y Carrier	*85.6*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*

Client Sample ID: AP MW-1D
Lab Sample ID: 870-44079-4
Date Collected: 02/18/26 13:25
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.8		0.500	0.250	mg/L			02/27/26 13:09	1
Fluoride	0.952		0.500	0.100	mg/L			02/27/26 13:09	1
Sulfate	400		0.500	0.200	mg/L			02/27/26 13:09	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.05		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 13:59	1
Calcium	101		0.200	0.102	mg/L		02/26/26 12:54	02/27/26 13:59	1
Magnesium	20.4		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 13:59	1
Potassium	9.13		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 13:59	1
Sodium	277		2.50	0.759	mg/L		02/26/26 12:54	02/27/26 14:01	5
Lithium	0.0672		0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 13:59	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0158	J	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 10:11	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 10:11	1
Arsenic	0.00318	J	0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 10:11	1
Barium	0.0360		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 10:11	1
Beryllium	0.00396		0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 10:11	1
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:28	10
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 10:11	1
Cobalt	0.0725		0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 10:11	1
Iron	0.974		0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 10:11	1
Lead	0.000570	J	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 10:11	1
Molybdenum	0.00315		0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 10:11	1
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:28	10
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 10:11	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 20:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	96.5		4.00	4.00	mg/L			03/03/26 15:40	1
Total Dissolved Solids (SM 2540C)	854		5.00	5.00	mg/L			02/24/26 14:39	1

Client Sample ID: AP MW-1D
Lab Sample ID: 870-44079-4
Date Collected: 02/18/26 13:25
Matrix: Water
Date Received: 02/20/26 08:30

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	6.1	HF			SU			02/24/26 11:54	1
Temperature (SM 4500 H+ B)	18.7	HF			Celsius			02/24/26 11:54	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	19.8	U	29.9	30.0	50.0	47.2	pCi/L	02/25/26 13:59	03/18/26 13:16	1
Radium-228	-6.97	U G	55.6	55.6	50.0	97.7	pCi/L	02/25/26 13:59	03/18/26 13:16	1
Combined Radium 226 + 228	12.9	U	63.1	63.2		97.7	pCi/L	02/25/26 13:59	03/18/26 13:16	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.238		0.130	0.131	1.00	0.171	pCi/L	02/25/26 06:35	03/19/26 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*30 - 110*	*02/25/26 06:35*	*03/19/26 10:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.499	U	0.426	0.428	1.00	0.672	pCi/L	02/25/26 06:40	03/13/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.5*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*

Client Sample ID: AP PZ-4S
Lab Sample ID: 870-44079-5
Date Collected: 02/18/26 08:20
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	335		0.500	0.250	mg/L			02/27/26 13:28	1
Fluoride	<0.100	U	0.500	0.100	mg/L			02/27/26 13:28	1
Sulfate	141		0.500	0.200	mg/L			02/27/26 13:28	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.03		0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 18:14	1
Calcium	725		0.200	0.102	mg/L		03/02/26 09:00	03/02/26 18:14	1
Magnesium	152		0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 18:14	1
Potassium	99.0		0.500	0.106	mg/L		03/02/26 09:00	03/02/26 18:14	1
Sodium	1370		25.0	7.59	mg/L		03/02/26 09:00	03/02/26 19:54	50
Lithium	1.27	B	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 18:14	1

Client Sample ID: AP PZ-4S
Lab Sample ID: 870-44079-5

Date Collected: 02/18/26 08:20
Matrix: Water

Date Received: 02/20/26 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 09:55	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 09:55	1
Arsenic	**0.00684**		0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 09:55	1
Barium	**0.0412**		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 09:55	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 09:55	1
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:17	10
Chromium	**0.00185**	**J**	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 09:55	1
Cobalt	**0.00608**		0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 09:55	1
Iron	**1.14**		0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 09:55	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 09:55	1
Molybdenum	**0.00154**	**J**	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 09:55	1
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:17	10
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 09:55	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**189**		4.00	4.00	mg/L			03/03/26 10:37	1
Total Dissolved Solids (SM 2540C)	**7090**		50.0	50.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**6.4**	**HF**			SU			02/24/26 11:54	1
Temperature (SM 4500 H+ B)	**22.5**	**HF**			Celsius			02/24/26 11:54	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	27.6	U	21.3	21.5	50.0	29.8	pCi/L	02/25/26 13:59	03/18/26 13:16	1
Radium-228	-8.25	U G	30.1	30.1	50.0	53.2	pCi/L	02/25/26 13:59	03/18/26 13:16	1
Combined Radium 226 + 228	19.4	U	36.9	37.0		53.2	pCi/L	02/25/26 13:59	03/18/26 13:16	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.45**		0.230	0.264	1.00	0.125	pCi/L	02/25/26 06:35	03/19/26 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*02/25/26 06:35*	*03/19/26 10:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.10**		0.700	0.795	1.00	0.596	pCi/L	02/25/26 06:40	03/13/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.0*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*

Client Sample ID: AP PZ-4S
Lab Sample ID: 870-44079-5
Date Collected: 02/18/26 08:20
Matrix: Water
Date Received: 02/20/26 08:30

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	80.7		30 - 110	02/25/26 06:40	03/13/26 09:59	1

Client Sample ID: SFL MW-6D
Lab Sample ID: 870-44079-6
Date Collected: 02/18/26 15:00
Matrix: Water
Date Received: 02/20/26 08:30

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1260		5.00	2.50	mg/L			03/03/26 13:53	10
Fluoride	0.125	J	0.500	0.100	mg/L			03/03/26 13:44	1
Sulfate	746		5.00	2.00	mg/L			03/03/26 13:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.894		0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 14:17	1
Calcium	184		0.200	0.102	mg/L		02/26/26 12:54	02/27/26 14:17	1
Magnesium	17.9		0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 14:17	1
Potassium	41.8		0.500	0.106	mg/L		02/26/26 12:54	02/27/26 14:17	1
Sodium	742		5.00	1.52	mg/L		02/26/26 12:54	02/27/26 14:19	10
Lithium	0.383		0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 14:17	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/02/26 09:00	03/02/26 20:31	1
Antimony	0.0113	J	0.0200	0.00803	mg/L		03/02/26 09:00	03/02/26 20:31	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/02/26 09:00	03/02/26 20:31	1
Barium	0.0473		0.0100	0.00125	mg/L		03/02/26 09:00	03/02/26 20:31	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/02/26 09:00	03/02/26 20:31	1
Boron	0.895		0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 20:31	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/02/26 09:00	03/02/26 20:31	1
Calcium	193		0.200	0.102	mg/L		03/02/26 09:00	03/02/26 20:31	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/02/26 09:00	03/02/26 20:31	1
Cobalt	0.00206	J	0.0100	0.00123	mg/L		03/02/26 09:00	03/02/26 20:31	1
Iron	<0.0283	U	0.200	0.0283	mg/L		03/02/26 09:00	03/02/26 20:31	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/02/26 09:00	03/02/26 20:31	1
Magnesium	18.7		0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 20:31	1
Molybdenum	0.0119		0.0100	0.00260	mg/L		03/02/26 09:00	03/02/26 20:31	1
Potassium	42.4		0.500	0.106	mg/L		03/02/26 09:00	03/02/26 20:31	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/02/26 09:00	03/02/26 20:31	1
Sodium	855		25.0	7.59	mg/L		03/02/26 09:00	03/03/26 10:54	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/02/26 09:00	03/02/26 20:31	1
Li	0.402	B	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 20:31	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 05:10	1
Antimony	0.000955	J	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 05:10	1
Arsenic	0.00188	J	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 05:10	1
Barium	0.0426		0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 05:10	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 05:10	1

Client Sample ID: SFL MW-6D
Lab Sample ID: 870-44079-6

Date Collected: 02/18/26 15:00
Matrix: Water
Date Received: 02/20/26 08:30

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 05:10	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 05:10	1
Cobalt	**0.00191**	**J**	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 05:10	1
Iron	**0.0212**		0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 05:10	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 05:10	1
Molybdenum	**0.0127**		0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 05:10	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 05:10	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 05:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:59	02/26/26 21:06	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		03/03/26 12:34	03/03/26 21:03	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**187**		4.00	4.00	mg/L			03/02/26 23:22	1
Total Dissolved Solids (SM 2540C)	**3270**		20.0	20.0	mg/L			02/24/26 14:39	1
pH (SM 4500 H+ B)	**7.0**	**HF**			SU			02/24/26 11:54	1
Temperature (SM 4500 H+ B)	**22.1**	**HF**			Celsius			02/24/26 11:54	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	5.95	U	21.1	21.1	50.0	33.8	pCi/L	02/25/26 13:59	03/18/26 13:17	1
Radium-228	9.29	U	27.8	27.8	50.0	46.1	pCi/L	02/25/26 13:59	03/18/26 13:17	1
Combined Radium 226 + 228	15.2	U	34.9	34.9		46.1	pCi/L	02/25/26 13:59	03/18/26 13:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.00**		0.222	0.239	1.00	0.173	pCi/L	02/25/26 06:35	03/19/26 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.4*		*30 - 110*	*02/25/26 06:35*	*03/19/26 10:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.73**		0.633	0.681	1.00	0.640	pCi/L	02/25/26 06:40	03/13/26 09:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.4*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*
Y Carrier	*82.2*		*30 - 110*	*02/25/26 06:40*	*03/13/26 09:59*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-44079-1	AP MW-4S	82.1
870-44079-2	AP MW-1	78.9
870-44079-3	FD-2	83.2
870-44079-4	AP MW-1D	81.5
870-44079-5	AP PZ-4S	86.0
870-44079-6	SFL MW-6D	76.4
LCS 160-758703/2-A	Lab Control Sample	83.5

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-44079-1	AP MW-4S	82.1	82.2
870-44079-2	AP MW-1	78.9	80.4
870-44079-3	FD-2	83.2	85.6
870-44079-4	AP MW-1D	81.5	83.0
870-44079-5	AP PZ-4S	86.0	80.7
870-44079-6	SFL MW-6D	76.4	82.2
LCS 160-758704/2-A	Lab Control Sample	83.5	84.1
MB 160-758704/1-A	Method Blank	89.5	83.0

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-299999/3
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 299999

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			02/27/26 10:14	1
Fluoride	<0.100	U	0.500	0.100	mg/L			02/27/26 10:14	1
Sulfate	<0.200	U	0.500	0.200	mg/L			02/27/26 10:14	1

Lab Sample ID: LCS 860-299999/4
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 299999

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.40		mg/L		104	90 - 110
Fluoride	10.0	10.17		mg/L		102	90 - 110
Sulfate	10.0	10.32		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-299999/5
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 299999

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.45		mg/L		105	90 - 110	0	20
Fluoride	10.0	10.25		mg/L		103	90 - 110	1	20
Sulfate	10.0	10.38		mg/L		104	90 - 110	1	20

Lab Sample ID: LLCS 860-299999/7
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 299999

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5885		mg/L		118	50 - 150
Fluoride	0.500	0.5116		mg/L		102	50 - 150
Sulfate	0.500	0.5676		mg/L		114	50 - 150

Lab Sample ID: 870-44079-1 MS
Client Sample ID: AP MW-4S
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 299999

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	137		10.0	150.8	4	mg/L		139	90 - 110
Fluoride	0.415	J F2 F1	10.0	11.67	F1	mg/L		113	90 - 110

Lab Sample ID: 870-44079-1 MSD
Client Sample ID: AP MW-4S
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 299999

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	137		10.0	151.4	4	mg/L		146	90 - 110	0	15
Fluoride	0.415	J F2 F1	10.0	8.091	F2 F1	mg/L		77	90 - 110	36	15

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-300520/3
Matrix: Water
Analysis Batch: 300520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 10:07	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 10:07	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 10:07	1

Lab Sample ID: MB 860-300520/62
Matrix: Water
Analysis Batch: 300520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 19:03	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 19:03	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 19:03	1

Lab Sample ID: LCS 860-300520/4
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.721		mg/L		97	90 - 110
Fluoride	10.0	9.349		mg/L		93	90 - 110
Sulfate	10.0	10.06		mg/L		101	90 - 110

Lab Sample ID: LCS 860-300520/63
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.01		mg/L		100	90 - 110
Fluoride	10.0	9.634		mg/L		96	90 - 110
Sulfate	10.0	10.50		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-300520/5
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.729		mg/L		97	90 - 110	0	20
Fluoride	10.0	9.318		mg/L		93	90 - 110	0	20
Sulfate	10.0	9.937		mg/L		99	90 - 110	1	20

Lab Sample ID: LCSD 860-300520/64
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.00		mg/L		100	90 - 110	0	20
Fluoride	10.0	9.604		mg/L		96	90 - 110	0	20
Sulfate	10.0	10.52		mg/L		105	90 - 110	0	20

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-300520/66
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5506		mg/L		110	50 - 150
Fluoride	0.500	0.4125	J	mg/L		83	50 - 150
Sulfate	0.500	0.4895	J	mg/L		98	50 - 150

Lab Sample ID: LLCS 860-300520/7
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5460		mg/L		109	50 - 150
Fluoride	0.500	0.4004	J	mg/L		80	50 - 150
Sulfate	0.500	0.4830	J	mg/L		97	50 - 150

Lab Sample ID: MB 860-300892/3
Matrix: Water
Analysis Batch: 300892

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/03/26 11:00	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/03/26 11:00	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/03/26 11:00	1

Lab Sample ID: LCS 860-300892/4
Matrix: Water
Analysis Batch: 300892

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.032		mg/L		90	90 - 110
Fluoride	10.0	9.889		mg/L		99	90 - 110
Sulfate	10.0	9.663		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-300892/5
Matrix: Water
Analysis Batch: 300892

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.084		mg/L		91	90 - 110	1	20
Fluoride	10.0	9.950		mg/L		99	90 - 110	1	20
Sulfate	10.0	9.778		mg/L		98	90 - 110	1	20

Lab Sample ID: LLCS 860-300892/7
Matrix: Water
Analysis Batch: 300892

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6214		mg/L		124	50 - 150
Fluoride	0.500	0.4515	J	mg/L		90	50 - 150
Sulfate	0.500	0.5971		mg/L		119	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-297186/20-D
Matrix: Water
Analysis Batch: 300112

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299732

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		02/26/26 12:54	02/27/26 13:35	1
Calcium	<0.102	U	0.200	0.102	mg/L		02/26/26 12:54	02/27/26 13:35	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		02/26/26 12:54	02/27/26 13:35	1
Potassium	<0.106	U	0.500	0.106	mg/L		02/26/26 12:54	02/27/26 13:35	1
Sodium	<0.152	U	0.500	0.152	mg/L		02/26/26 12:54	02/27/26 13:35	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		02/26/26 12:54	02/27/26 13:35	1

Lab Sample ID: LCS 860-297186/21-D
Matrix: Water
Analysis Batch: 300112

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9670		mg/L		97	80 - 120
Calcium	25.0	24.20		mg/L		97	80 - 120
Magnesium	25.0	24.10		mg/L		96	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Sodium	25.0	25.10		mg/L		100	80 - 120
Lithium	1.00	0.9510		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-297186/22-D
Matrix: Water
Analysis Batch: 300112

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299732

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9700		mg/L		97	80 - 120	0	20
Calcium	25.0	24.20		mg/L		97	80 - 120	0	20
Magnesium	25.0	24.10		mg/L		96	80 - 120	0	20
Potassium	10.0	10.10		mg/L		101	80 - 120	0	20
Sodium	25.0	25.10		mg/L		100	80 - 120	0	20
Lithium	1.00	0.9490		mg/L		95	80 - 120	0	20

Lab Sample ID: MB 860-300509/1-A
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 17:16	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/02/26 09:00	03/02/26 17:16	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 17:16	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/02/26 09:00	03/02/26 17:16	1
Lithium	0.02020	J	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 17:16	1

Lab Sample ID: MB 860-300509/1-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.152	U	0.500	0.152	mg/L		03/02/26 09:00	03/02/26 19:44	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-300509/2-A
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9540		mg/L		95	80 - 120
Calcium	25.0	25.20		mg/L		101	80 - 120
Magnesium	25.0	25.10		mg/L		100	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Lithium	1.00	0.9920		mg/L		99	80 - 120

Lab Sample ID: LCS 860-300509/2-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	25.0	25.00		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-300509/3-A
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9550		mg/L		96	80 - 120	0	20
Calcium	25.0	25.20		mg/L		101	80 - 120	0	20
Magnesium	25.0	25.00		mg/L		100	80 - 120	0	20
Potassium	10.0	10.20		mg/L		102	80 - 120	1	20
Lithium	1.00	0.9940		mg/L		99	80 - 120	0	20

Lab Sample ID: LCSD 860-300509/3-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	25.0	24.80		mg/L		99	80 - 120	1	20

Lab Sample ID: MB 860-300258/24-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 300506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/02/26 09:00	03/02/26 19:54	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		03/02/26 09:00	03/02/26 19:54	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/02/26 09:00	03/02/26 19:54	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		03/02/26 09:00	03/02/26 19:54	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/02/26 09:00	03/02/26 19:54	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 19:54	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/02/26 09:00	03/02/26 19:54	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/02/26 09:00	03/02/26 19:54	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/02/26 09:00	03/02/26 19:54	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		03/02/26 09:00	03/02/26 19:54	1
Iron	<0.0283	U	0.200	0.0283	mg/L		03/02/26 09:00	03/02/26 19:54	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/02/26 09:00	03/02/26 19:54	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 19:54	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-300258/24-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 300506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		03/02/26 09:00	03/02/26 19:54	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/02/26 09:00	03/02/26 19:54	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/02/26 09:00	03/02/26 19:54	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/02/26 09:00	03/02/26 19:54	1
Li	0.01820	J	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 19:54	1

Lab Sample ID: MB 860-300258/24-B
Matrix: Water
Analysis Batch: 300972

Client Sample ID: Method Blank
Prep Type: Dissolved
Prep Batch: 300506

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.152	U	0.500	0.152	mg/L		03/02/26 09:00	03/03/26 10:44	1

Lab Sample ID: LCS 860-300258/25-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 300506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.850		mg/L		97	80 - 120
Antimony	1.00	1.080		mg/L		108	80 - 120
Arsenic	1.00	0.9570		mg/L		96	80 - 120
Barium	1.00	1.030		mg/L		103	80 - 120
Beryllium	1.00	0.9800		mg/L		98	80 - 120
Boron	1.00	0.9440		mg/L		94	80 - 120
Cadmium	1.00	0.9660		mg/L		97	80 - 120
Calcium	25.0	24.90		mg/L		100	80 - 120
Chromium	1.00	0.9910		mg/L		99	80 - 120
Cobalt	1.00	1.000		mg/L		100	80 - 120
Iron	5.00	5.180		mg/L		104	80 - 120
Lead	1.00	0.9900		mg/L		99	80 - 120
Magnesium	25.0	24.70		mg/L		99	80 - 120
Molybdenum	1.00	1.050		mg/L		105	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Selenium	1.00	0.9910		mg/L		99	80 - 120
Thallium	1.00	0.9900		mg/L		99	80 - 120
Li	1.00	0.9850		mg/L		99	80 - 120

Lab Sample ID: LCS 860-300258/25-B
Matrix: Water
Analysis Batch: 300972

Client Sample ID: Lab Control Sample
Prep Type: Dissolved
Prep Batch: 300506

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	25.0	26.20		mg/L		105	80 - 120

Lab Sample ID: LCSD 860-300258/26-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 300506

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	4.850		mg/L		97	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-300258/26-B
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 300506

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	1.00	1.080		mg/L		108	80 - 120	0	20
Arsenic	1.00	0.9550		mg/L		96	80 - 120	0	20
Barium	1.00	1.030		mg/L		103	80 - 120	0	20
Beryllium	1.00	0.9820		mg/L		98	80 - 120	0	20
Boron	1.00	0.9440		mg/L		94	80 - 120	0	20
Cadmium	1.00	0.9670		mg/L		97	80 - 120	0	20
Calcium	25.0	25.00		mg/L		100	80 - 120	0	20
Chromium	1.00	0.9940		mg/L		99	80 - 120	0	20
Cobalt	1.00	1.000		mg/L		100	80 - 120	0	20
Iron	5.00	5.190		mg/L		104	80 - 120	0	20
Lead	1.00	0.9900		mg/L		99	80 - 120	0	20
Magnesium	25.0	24.70		mg/L		99	80 - 120	0	20
Molybdenum	1.00	1.050		mg/L		105	80 - 120	0	20
Potassium	10.0	10.10		mg/L		101	80 - 120	0	20
Selenium	1.00	0.9950		mg/L		100	80 - 120	0	20
Thallium	1.00	0.9950		mg/L		100	80 - 120	1	20
Li	1.00	0.9850		mg/L		99	80 - 120	0	20

Lab Sample ID: LCSD 860-300258/26-B
Matrix: Water
Analysis Batch: 300972

Client Sample ID: Lab Control Sample Dup
Prep Type: Dissolved
Prep Batch: 300506

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	25.0	26.10		mg/L		104	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-299729/1-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/26/26 12:50	02/28/26 03:54	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/26/26 12:50	02/28/26 03:54	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/26/26 12:50	02/28/26 03:54	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/26/26 12:50	02/28/26 03:54	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/26/26 12:50	02/28/26 03:54	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/26/26 12:50	02/28/26 03:54	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/26/26 12:50	02/28/26 03:54	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/26/26 12:50	02/28/26 03:54	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/26/26 12:50	02/28/26 03:54	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/26/26 12:50	02/28/26 03:54	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/26/26 12:50	02/28/26 03:54	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/26/26 12:50	02/28/26 03:54	1

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

Lab Sample ID: LCS 860-299729/2-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4861		mg/L		97	80 - 120
Antimony	0.100	0.1040		mg/L		104	80 - 120
Arsenic	0.100	0.09895		mg/L		99	80 - 120
Barium	0.100	0.09825		mg/L		98	80 - 120
Beryllium	0.100	0.09418		mg/L		94	80 - 120
Cadmium	0.100	0.09791		mg/L		98	80 - 120
Chromium	0.100	0.09944		mg/L		99	80 - 120
Cobalt	0.100	0.09843		mg/L		98	80 - 120
Iron	0.500	0.4956		mg/L		99	80 - 120
Lead	0.100	0.09768		mg/L		98	80 - 120
Molybdenum	0.100	0.1059		mg/L		106	80 - 120
Selenium	0.100	0.1000		mg/L		100	80 - 120
Thallium	0.100	0.09821		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-299729/3-A
Matrix: Water
Analysis Batch: 300428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299729

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4884		mg/L		98	80 - 120	0	20
Antimony	0.100	0.1041		mg/L		104	80 - 120	0	20
Arsenic	0.100	0.09988		mg/L		100	80 - 120	1	20
Barium	0.100	0.09844		mg/L		98	80 - 120	0	20
Beryllium	0.100	0.09399		mg/L		94	80 - 120	0	20
Cadmium	0.100	0.09788		mg/L		98	80 - 120	0	20
Chromium	0.100	0.09915		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09841		mg/L		98	80 - 120	0	20
Iron	0.500	0.4962		mg/L		99	80 - 120	0	20
Lead	0.100	0.09797		mg/L		98	80 - 120	0	20
Molybdenum	0.100	0.1061		mg/L		106	80 - 120	0	20
Selenium	0.100	0.1004		mg/L		100	80 - 120	0	20
Thallium	0.100	0.09776		mg/L		98	80 - 120	0	20

Lab Sample ID: MB 860-299992/1-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 09:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 09:15	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 09:15	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 09:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/27/26 09:17	02/28/26 09:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 09:15	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 09:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 09:15	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 09:15	1

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

Lab Sample ID: MB 860-299992/1-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/27/26 09:17	02/28/26 09:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 09:15	1

Lab Sample ID: LCS 860-299992/2-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4978		mg/L		100	80 - 120
Antimony	0.100	0.09971		mg/L		100	80 - 120
Arsenic	0.100	0.09912		mg/L		99	80 - 120
Barium	0.100	0.09699		mg/L		97	80 - 120
Beryllium	0.100	0.09492		mg/L		95	80 - 120
Cadmium	0.100	0.09703		mg/L		97	80 - 120
Chromium	0.100	0.09955		mg/L		100	80 - 120
Cobalt	0.100	0.09835		mg/L		98	80 - 120
Iron	0.500	0.4914		mg/L		98	80 - 120
Lead	0.100	0.09922		mg/L		99	80 - 120
Molybdenum	0.100	0.1044		mg/L		104	80 - 120
Selenium	0.100	0.09991		mg/L		100	80 - 120
Thallium	0.100	0.09985		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-299992/3-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4915		mg/L		98	80 - 120	1	20
Antimony	0.100	0.09975		mg/L		100	80 - 120	0	20
Arsenic	0.100	0.09882		mg/L		99	80 - 120	0	20
Barium	0.100	0.09655		mg/L		97	80 - 120	0	20
Beryllium	0.100	0.09525		mg/L		95	80 - 120	0	20
Cadmium	0.100	0.09638		mg/L		96	80 - 120	1	20
Chromium	0.100	0.09907		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09808		mg/L		98	80 - 120	0	20
Iron	0.500	0.4891		mg/L		98	80 - 120	0	20
Lead	0.100	0.09971		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1037		mg/L		104	80 - 120	1	20
Selenium	0.100	0.09938		mg/L		99	80 - 120	1	20
Thallium	0.100	0.1004		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-299733/10-A
Matrix: Water
Analysis Batch: 299907

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299733

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/26/26 12:55	02/26/26 20:22	1

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

Lab Sample ID: LCS 860-299733/11-A
Matrix: Water
Analysis Batch: 299907
Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299733

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001921		mg/L		96	80 - 120		

Lab Sample ID: LCSD 860-299733/12-A
Matrix: Water
Analysis Batch: 299907
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299733

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001927		mg/L		96	80 - 120	0	20

Lab Sample ID: 870-44079-3 MS
Matrix: Water
Analysis Batch: 299907
Client Sample ID: FD-2
Prep Type: Total/NA
Prep Batch: 299733

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.0000706	U	0.00200	0.002137		mg/L		107	75 - 125		

Lab Sample ID: 870-44079-3 MSD
Matrix: Water
Analysis Batch: 299907
Client Sample ID: FD-2
Prep Type: Total/NA
Prep Batch: 299733

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.0000706	U	0.00200	0.002134		mg/L		107	75 - 125	0	20

Lab Sample ID: MB 860-301004/10-A
Matrix: Water
Analysis Batch: 301193
Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 301004

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		03/03/26 12:34	03/03/26 20:36	1

Lab Sample ID: LCS 860-301004/11-A
Matrix: Water
Analysis Batch: 301193
Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 301004

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001786		mg/L		89	80 - 120		

Lab Sample ID: LCSD 860-301004/12-A
Matrix: Water
Analysis Batch: 301193
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 301004

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001904		mg/L		95	80 - 120	6	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-300877/3
Matrix: Water
Analysis Batch: 300877

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/02/26 12:27	1

Lab Sample ID: MB 860-300877/73
Matrix: Water
Analysis Batch: 300877

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/02/26 20:06	1

Lab Sample ID: LCS 860-300877/74
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	247.0		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-300877/75
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	246.6		mg/L		99	85 - 115	0	20

Lab Sample ID: LLCS 860-300877/4
Matrix: Water
Analysis Batch: 300877

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	5.120		mg/L		128	50 - 150

Lab Sample ID: MB 860-301001/4
Matrix: Water
Analysis Batch: 301001

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/02/26 23:04	1

Lab Sample ID: LCS 860-301001/5
Matrix: Water
Analysis Batch: 301001

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	246.4		mg/L		99	85 - 115

Lab Sample ID: LCSD 860-301001/6
Matrix: Water
Analysis Batch: 301001

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	248.6		mg/L		99	85 - 115	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: 870-44079-6 DU
Matrix: Water
Analysis Batch: 301001

Client Sample ID: SFL MW-6D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	187			188.5		mg/L				0.8	20

Lab Sample ID: MB 860-301251/3
Matrix: Water
Analysis Batch: 301251

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/03/26 13:14	1

Lab Sample ID: LCS 860-301251/6
Matrix: Water
Analysis Batch: 301251

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	246.9		mg/L		99	85 - 115		

Lab Sample ID: LCSD 860-301251/7
Matrix: Water
Analysis Batch: 301251

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	247.8		mg/L		99	85 - 115	0	20

Lab Sample ID: LLCS 860-301251/5
Matrix: Water
Analysis Batch: 301251

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	<4.00	U	mg/L		66	50 - 150		

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

Lab Sample ID: MB 870-36032/1
Matrix: Water
Analysis Batch: 36032

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	<2.50	U	2.50	2.50	mg/L			02/24/26 14:39	1

Lab Sample ID: LCS 870-36032/2
Matrix: Water
Analysis Batch: 36032

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			1000	892.0		mg/L		89	80 - 120		

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

Lab Sample ID: LCSD 870-36032/3
Matrix: Water
Analysis Batch: 36032

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	903.0		mg/L		90	80 - 120	1	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-758770/1-A
Matrix: Water
Analysis Batch: 761980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758770

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.33		19.9	20.1	50.0	23.4	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Radium-228	-10.82	U G	35.0	35.0	50.0	62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Combined Radium 226 + 228	14.52	U	40.3	40.4		62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1

Lab Sample ID: LCS 160-758770/2-A
Matrix: Water
Analysis Batch: 761983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758770

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	148100		15200		515	pCi/L	104	75 - 125		
Cesium-137			37300	36810		3610		234	pCi/L	99	75 - 125		
Cobalt-60			48300	47520		4640		154	pCi/L	98	75 - 125		

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: LCS 160-758703/2-A
Matrix: Water
Analysis Batch: 762056

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758703

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	7.017		0.811	1.00	0.138	pCi/L	73	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.5*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-758704/1-A
Matrix: Water
Analysis Batch: 761386

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758704

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.4126	U	0.443	0.445	1.00	0.723	pCi/L	02/25/26 06:40	03/13/26 09:57	1

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: MB 160-758704/1-A
Matrix: Water
Analysis Batch: 761386

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758704

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	89.5		30 - 110	02/25/26 06:40	03/13/26 09:57	1
Y Carrier	83.0		30 - 110	02/25/26 06:40	03/13/26 09:57	1

Lab Sample ID: LCS 160-758704/2-A
Matrix: Water
Analysis Batch: 761387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758704

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.34	10.41		1.42	1.00	0.644	pCi/L	111	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	83.5		30 - 110
Y Carrier	84.1		30 - 110

HPLC/IC

Analysis Batch: 299999

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	9056A	
870-44079-1	AP MW-4S	Total/NA	Water	9056A	
870-44079-2	AP MW-1	Total/NA	Water	9056A	
870-44079-2	AP MW-1	Total/NA	Water	9056A	
870-44079-4	AP MW-1D	Total/NA	Water	9056A	
870-44079-5	AP PZ-4S	Total/NA	Water	9056A	
MB 860-299999/3	Method Blank	Total/NA	Water	9056A	
LCS 860-299999/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-299999/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-299999/7	Lab Control Sample	Total/NA	Water	9056A	
870-44079-1 MS	AP MW-4S	Total/NA	Water	9056A	
870-44079-1 MSD	AP MW-4S	Total/NA	Water	9056A	

Analysis Batch: 300520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-3	FD-2	Total/NA	Water	9056A	
870-44079-3	FD-2	Total/NA	Water	9056A	
870-44079-6	SFL MW-6D	Total/NA	Water	9056A	
870-44079-6	SFL MW-6D	Total/NA	Water	9056A	
MB 860-300520/3	Method Blank	Total/NA	Water	9056A	
MB 860-300520/62	Method Blank	Total/NA	Water	9056A	
LCS 860-300520/4	Lab Control Sample	Total/NA	Water	9056A	
LCS 860-300520/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-300520/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LCSD 860-300520/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-300520/66	Lab Control Sample	Total/NA	Water	9056A	
LLCS 860-300520/7	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 300892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-300892/3	Method Blank	Total/NA	Water	9056A	
LCS 860-300892/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-300892/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-300892/7	Lab Control Sample	Total/NA	Water	9056A	

Metals

Filtration Batch: 297186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-297186/20-D	Method Blank	Total/NA	Water	Filtration	
LCS 860-297186/21-D	Lab Control Sample	Total/NA	Water	Filtration	
LCSD 860-297186/22-D	Lab Control Sample Dup	Total/NA	Water	Filtration	

Prep Batch: 299729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	3010A	
870-44079-2	AP MW-1	Total/NA	Water	3010A	
870-44079-6	SFL MW-6D	Total/NA	Water	3010A	
MB 860-299729/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Metals

Prep Batch: 299732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	3010A	
870-44079-2	AP MW-1	Total/NA	Water	3010A	
870-44079-3	FD-2	Total/NA	Water	3010A	
870-44079-4	AP MW-1D	Total/NA	Water	3010A	
870-44079-6	SFL MW-6D	Total/NA	Water	3010A	
MB 860-297186/20-D	Method Blank	Total/NA	Water	3010A	297186
LCS 860-297186/21-D	Lab Control Sample	Total/NA	Water	3010A	297186
LCSD 860-297186/22-D	Lab Control Sample Dup	Total/NA	Water	3010A	297186

Prep Batch: 299733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	7470A	
870-44079-2	AP MW-1	Total/NA	Water	7470A	
870-44079-3	FD-2	Total/NA	Water	7470A	
870-44079-4	AP MW-1D	Total/NA	Water	7470A	
870-44079-5	AP PZ-4S	Total/NA	Water	7470A	
870-44079-6	SFL MW-6D	Total/NA	Water	7470A	
MB 860-299733/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-299733/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-299733/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
870-44079-3 MS	FD-2	Total/NA	Water	7470A	
870-44079-3 MSD	FD-2	Total/NA	Water	7470A	

Analysis Batch: 299907

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	7470A	299733
870-44079-2	AP MW-1	Total/NA	Water	7470A	299733
870-44079-3	FD-2	Total/NA	Water	7470A	299733
870-44079-4	AP MW-1D	Total/NA	Water	7470A	299733
870-44079-5	AP PZ-4S	Total/NA	Water	7470A	299733
870-44079-6	SFL MW-6D	Total/NA	Water	7470A	299733
MB 860-299733/10-A	Method Blank	Total/NA	Water	7470A	299733
LCS 860-299733/11-A	Lab Control Sample	Total/NA	Water	7470A	299733
LCSD 860-299733/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	299733
870-44079-3 MS	FD-2	Total/NA	Water	7470A	299733
870-44079-3 MSD	FD-2	Total/NA	Water	7470A	299733

Prep Batch: 299992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-3	FD-2	Total/NA	Water	3010A	
870-44079-4	AP MW-1D	Total/NA	Water	3010A	
870-44079-5	AP PZ-4S	Total/NA	Water	3010A	
MB 860-299992/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 300112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	6010D	299732
870-44079-2	AP MW-1	Total/NA	Water	6010D	299732
870-44079-2	AP MW-1	Total/NA	Water	6010D	299732

Metals (Continued)

Analysis Batch: 300112 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-3	FD-2	Total/NA	Water	6010D	299732
870-44079-4	AP MW-1D	Total/NA	Water	6010D	299732
870-44079-4	AP MW-1D	Total/NA	Water	6010D	299732
870-44079-6	SFL MW-6D	Total/NA	Water	6010D	299732
870-44079-6	SFL MW-6D	Total/NA	Water	6010D	299732
MB 860-297186/20-D	Method Blank	Total/NA	Water	6010D	299732
LCS 860-297186/21-D	Lab Control Sample	Total/NA	Water	6010D	299732
LCSD 860-297186/22-D	Lab Control Sample Dup	Total/NA	Water	6010D	299732

Filtration Batch: 300258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-300258/24-B	Method Blank	Dissolved	Water	Filtration	
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	Filtration	
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	Filtration	

Analysis Batch: 300428

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	6020B	299729
870-44079-2	AP MW-1	Total/NA	Water	6020B	299729
870-44079-6	SFL MW-6D	Total/NA	Water	6020B	299729
MB 860-299729/1-A	Method Blank	Total/NA	Water	6020B	299729
LCS 860-299729/2-A	Lab Control Sample	Total/NA	Water	6020B	299729
LCSD 860-299729/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299729

Analysis Batch: 300430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-3	FD-2	Total/NA	Water	6020B	299992
870-44079-4	AP MW-1D	Total/NA	Water	6020B	299992
870-44079-5	AP PZ-4S	Total/NA	Water	6020B	299992
MB 860-299992/1-A	Method Blank	Total/NA	Water	6020B	299992
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	6020B	299992
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299992

Prep Batch: 300506

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-6	SFL MW-6D	Dissolved	Water	3010A	
MB 860-300258/24-B	Method Blank	Dissolved	Water	3010A	300258
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	3010A	300258
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	3010A	300258

Prep Batch: 300509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-5	AP PZ-4S	Total/NA	Water	3010A	
MB 860-300509/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-300509/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-300509/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 300666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-3	FD-2	Total/NA	Water	6020B	299992
870-44079-4	AP MW-1D	Total/NA	Water	6020B	299992

Metals (Continued)

Analysis Batch: 300666 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-5	AP PZ-4S	Total/NA	Water	6020B	299992

Analysis Batch: 300874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-5	AP PZ-4S	Total/NA	Water	6010D	300509
MB 860-300509/1-A	Method Blank	Total/NA	Water	6010D	300509
LCS 860-300509/2-A	Lab Control Sample	Total/NA	Water	6010D	300509
LCSD 860-300509/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	300509

Analysis Batch: 300879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-5	AP PZ-4S	Total/NA	Water	6010D	300509
870-44079-6	SFL MW-6D	Dissolved	Water	6010D	300506
MB 860-300258/24-B	Method Blank	Dissolved	Water	6010D	300506
MB 860-300509/1-A	Method Blank	Total/NA	Water	6010D	300509
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	6010D	300506
LCS 860-300509/2-A	Lab Control Sample	Total/NA	Water	6010D	300509
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	6010D	300506
LCSD 860-300509/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	300509

Analysis Batch: 300972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-6	SFL MW-6D	Dissolved	Water	6010D	300506
MB 860-300258/24-B	Method Blank	Dissolved	Water	6010D	300506
LCS 860-300258/25-B	Lab Control Sample	Dissolved	Water	6010D	300506
LCSD 860-300258/26-B	Lab Control Sample Dup	Dissolved	Water	6010D	300506

Prep Batch: 301004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-6	SFL MW-6D	Dissolved	Water	7470A	
MB 860-301004/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-301004/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-301004/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 301193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-6	SFL MW-6D	Dissolved	Water	7470A	301004
MB 860-301004/10-A	Method Blank	Total/NA	Water	7470A	301004
LCS 860-301004/11-A	Lab Control Sample	Total/NA	Water	7470A	301004
LCSD 860-301004/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	301004

General Chemistry

Analysis Batch: 36023

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	SM 4500 H+ B	
870-44079-2	AP MW-1	Total/NA	Water	SM 4500 H+ B	
870-44079-3	FD-2	Total/NA	Water	SM 4500 H+ B	
870-44079-4	AP MW-1D	Total/NA	Water	SM 4500 H+ B	
870-44079-5	AP PZ-4S	Total/NA	Water	SM 4500 H+ B	
870-44079-6	SFL MW-6D	Total/NA	Water	SM 4500 H+ B	

General Chemistry

Analysis Batch: 36032

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	SM 2540C	
870-44079-2	AP MW-1	Total/NA	Water	SM 2540C	
870-44079-3	FD-2	Total/NA	Water	SM 2540C	
870-44079-4	AP MW-1D	Total/NA	Water	SM 2540C	
870-44079-5	AP PZ-4S	Total/NA	Water	SM 2540C	
870-44079-6	SFL MW-6D	Total/NA	Water	SM 2540C	
MB 870-36032/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-36032/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-36032/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 300877

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-3	FD-2	Total/NA	Water	SM 2320B	
MB 860-300877/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-300877/73	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-300877/74	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-300877/75	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-300877/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Analysis Batch: 301001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	SM 2320B	
870-44079-2	AP MW-1	Total/NA	Water	SM 2320B	
870-44079-5	AP PZ-4S	Total/NA	Water	SM 2320B	
870-44079-6	SFL MW-6D	Total/NA	Water	SM 2320B	
MB 860-301001/4	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-301001/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-301001/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
870-44079-6 DU	SFL MW-6D	Total/NA	Water	SM 2320B	

Analysis Batch: 301251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-4	AP MW-1D	Total/NA	Water	SM 2320B	
MB 860-301251/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-301251/6	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-301251/7	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-301251/5	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 758703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	PrecSep-21	
870-44079-2	AP MW-1	Total/NA	Water	PrecSep-21	
870-44079-3	FD-2	Total/NA	Water	PrecSep-21	
870-44079-4	AP MW-1D	Total/NA	Water	PrecSep-21	
870-44079-5	AP PZ-4S	Total/NA	Water	PrecSep-21	
870-44079-6	SFL MW-6D	Total/NA	Water	PrecSep-21	
LCS 160-758703/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

QC Association Summary

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Rad

Prep Batch: 758704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	PrecSep_0	
870-44079-2	AP MW-1	Total/NA	Water	PrecSep_0	
870-44079-3	FD-2	Total/NA	Water	PrecSep_0	
870-44079-4	AP MW-1D	Total/NA	Water	PrecSep_0	
870-44079-5	AP PZ-4S	Total/NA	Water	PrecSep_0	
870-44079-6	SFL MW-6D	Total/NA	Water	PrecSep_0	
MB 160-758704/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-758704/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 758770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44079-1	AP MW-4S	Total/NA	Water	Fill_Geo-21	
870-44079-2	AP MW-1	Total/NA	Water	Fill_Geo-21	
870-44079-3	FD-2	Total/NA	Water	Fill_Geo-21	
870-44079-4	AP MW-1D	Total/NA	Water	Fill_Geo-21	
870-44079-5	AP PZ-4S	Total/NA	Water	Fill_Geo-21	
870-44079-6	SFL MW-6D	Total/NA	Water	Fill_Geo-21	
MB 160-758770/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758770/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-4S
Lab Sample ID: 870-44079-1
Date Collected: 02/18/26 10:30
Matrix: Water
Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 11:02	RJD	EET HOU
Total/NA	Analysis	9056A		10			299999	02/27/26 11:12	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 13:55	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 05:16	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 20:46	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301001	03/03/26 10:11	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:54	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761980	03/18/26 11:52	ASA	EET SL
Total/NA	Prep	PrecSep-21			1006.13 mL	1.0 g	758703	02/25/26 06:35	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	762056	03/19/26 10:03	SWS	EET SL
Total/NA	Prep	PrecSep_0			1006.13 mL	1.0 g	758704	02/25/26 06:40	AMS	EET SL
Total/NA	Analysis	904.0		1			761387	03/13/26 09:59	SWS	EET SL

Client Sample ID: AP MW-1
Lab Sample ID: 870-44079-2
Date Collected: 02/18/26 12:00
Matrix: Water
Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 12:49	RJD	EET HOU
Total/NA	Analysis	9056A		10			299999	02/27/26 12:59	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 14:20	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		5			300112	02/27/26 14:22	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 05:13	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 20:49	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301001	03/03/26 10:51	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:54	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761978	03/18/26 11:54	CAH	EET SL
Total/NA	Prep	PrecSep-21			1001.42 mL	1.0 g	758703	02/25/26 06:35	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	762056	03/19/26 10:03	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.42 mL	1.0 g	758704	02/25/26 06:40	AMS	EET SL
Total/NA	Analysis	904.0		1			761387	03/13/26 09:59	SWS	EET SL

Client Sample ID: FD-2
Lab Sample ID: 870-44079-3

Date Collected: 02/18/26 12:05
Matrix: Water
Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/03/26 13:26	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/03/26 13:35	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 14:13	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 10:08	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:25	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 20:32	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			300877	03/02/26 22:34	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:54	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761980	03/18/26 13:15	ASA	EET SL
Total/NA	Prep	PrecSep-21			1000.21 mL	1.0 g	758703	02/25/26 06:35	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	762056	03/19/26 10:04	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.21 mL	1.0 g	758704	02/25/26 06:40	AMS	EET SL
Total/NA	Analysis	904.0		1			761387	03/13/26 09:59	SWS	EET SL

Client Sample ID: AP MW-1D
Lab Sample ID: 870-44079-4

Date Collected: 02/18/26 13:25
Matrix: Water
Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 13:09	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 13:59	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		5			300112	02/27/26 14:01	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 10:11	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:28	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 20:59	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 15:40	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:54	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761983	03/18/26 13:16	ASA	EET SL
Total/NA	Prep	PrecSep-21			1000.66 mL	1.0 g	758703	02/25/26 06:35	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	762056	03/19/26 10:04	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1D
Lab Sample ID: 870-44079-4
Date Collected: 02/18/26 13:25
Matrix: Water
Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1000.66 mL	1.0 g	758704	02/25/26 06:40	AMS	EET SL
Total/NA	Analysis	904.0		1			761387	03/13/26 09:59	SWS	EET SL

Client Sample ID: AP PZ-4S
Lab Sample ID: 870-44079-5
Date Collected: 02/18/26 08:20
Matrix: Water
Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			299999	02/27/26 13:28	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300509	03/02/26 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 19:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300509	03/02/26 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			300879	03/02/26 18:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 09:55	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:17	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:02	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301001	03/03/26 10:37	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:54	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761979	03/18/26 13:16	ASA	EET SL
Total/NA	Prep	PrecSep-21			1000.72 mL	1.0 g	758703	02/25/26 06:35	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	762056	03/19/26 10:04	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.72 mL	1.0 g	758704	02/25/26 06:40	AMS	EET SL
Total/NA	Analysis	904.0		1			761387	03/13/26 09:59	SWS	EET SL

Client Sample ID: SFL MW-6D
Lab Sample ID: 870-44079-6
Date Collected: 02/18/26 15:00
Matrix: Water
Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/03/26 13:44	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/03/26 13:53	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	300506	03/02/26 09:00	MD	EET HOU
Dissolved	Analysis	6010D		50			300972	03/03/26 10:54	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	300506	03/02/26 09:00	MD	EET HOU
Dissolved	Analysis	6010D		1			300879	03/02/26 20:31	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		1			300112	02/27/26 14:17	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299732	02/26/26 12:54	MD	EET HOU
Total/NA	Analysis	6010D		10			300112	02/27/26 14:19	JDM	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-6D
Lab Sample ID: 870-44079-6

Date Collected: 02/18/26 15:00
Matrix: Water

Date Received: 02/20/26 08:30

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	299729	02/26/26 12:50	MD	EET HOU
Total/NA	Analysis	6020B		1			300428	02/28/26 05:10	SHZ	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	301004	03/03/26 12:34	AGR	EET HOU
Dissolved	Analysis	7470A		1			301193	03/03/26 21:03	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	299733	02/26/26 12:59	AGR	EET HOU
Total/NA	Analysis	7470A		1			299907	02/26/26 21:06	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301001	03/02/26 23:22	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36032	02/24/26 14:39	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36023	02/24/26 11:54	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761977	03/18/26 13:17	CAH	EET SL
Total/NA	Prep	PrecSep-21			1003.91 mL	1.0 g	758703	02/25/26 06:35	AMS	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	762056	03/19/26 10:04	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.91 mL	1.0 g	758704	02/25/26 06:40	AMS	EET SL
Total/NA	Analysis	904.0		1			761387	03/13/26 09:59	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-44079-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-44079-1	AP MW-4S	Water	02/18/26 10:30	02/20/26 08:30	Texas
870-44079-2	AP MW-1	Water	02/18/26 12:00	02/20/26 08:30	Texas
870-44079-3	FD-2	Water	02/18/26 12:05	02/20/26 08:30	Texas
870-44079-4	AP MW-1D	Water	02/18/26 13:25	02/20/26 08:30	Texas
870-44079-5	AP PZ-4S	Water	02/18/26 08:20	02/20/26 08:30	Texas
870-44079-6	SFL MW-6D	Water	02/18/26 15:00	02/20/26 08:30	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

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3/25/2026

Client Information	Sampler: WR Cullen	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS					Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N						
AP MW-4S	2/18/26	1030	G	W			X	X	X	X	X	X		X	X					6	
AP MW-1	2/18/26	1200	G	W			X	X	X	X	X	X		X	X					6	
FD-2	2/18/26	1205	G	W			X	X	X	X	X	X		X	X					6	
AP MW-1D	2/18/26	1325	G	W			X	X	X	X	X	X		X	X					6	
AP PZ-4S	2/18/26	0820	G	W			X	X	X	X	X	X		X	X					6	
SFL MW-6D	2/18/26	1500	G	W	Y		X	X	X	X	X	X	X	X	X					7	

870-44079 Chain of Custody

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

Sample Disposal (A fee may be asse...
☐ 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: WR Cullen	Date/Time: 2/19/26 1500	Company	Received by: UPS	Date/Time: 2/20/26 830	Company
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: 0.0/0.4, 1.4/1.4 4D.0 0K13

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9958.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-44079-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 2/27/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GIBBONS CREEK STEAM ELECTRIC STATION	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW-4S (870-44079-1)	2/18/26	10:30 Central	G	Water			X	X	X	2	
AP MW-1 (870-44079-2)	2/18/26	12:00 Central	G	Water			X	X	X	2	
FD-2 (870-44079-3)	2/18/26	12:05 Central	G	Water			X	X	X	2	
SP MW-1D (870-44079-4)	2/18/26	13:25 Central	G	Water			X	X	X	2	
AP PZ-4S (870-44079-5)	2/18/26	08:20 Central	G	Water			X	X	X	2	
SFL MW-6D (870-44079-6)	2/18/26	15:00 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 02/20/26 1700	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: FEB 20 2026	Date/Time: FEB 21 2026 0800	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9961 1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-44079-1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/26/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: GIBBONS CREEK STEAM ELECTRIC STATION	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:											
AP MW-4S (870-44079-1)	2/18/26	10:30 Central	G	Water			X	X	X	X			3	
AP MW-1 (870-44079-2)	2/18/26	12:00 Central	G	Water			X	X	X	X			3	
FD-2 (870-44079-3)	2/18/26	12:05 Central	G	Water			X	X	X	X			3	
SP MW-1D (870-44079-4)	2/18/26	13:25 Central	G	Water			X	X	X	X			3	
AP PZ-4S (870-44079-5)	2/18/26	08:20 Central	G	Water			X	X	X	X			3	
SFL MW-6D (870-44079-6)	2/18/26	15:00 Central	G	Water			X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time: 02/20/26 1700	Company	Received by: Received TPX FEB 21 2026	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by: FEB 21 2026	Date/Time:	Company

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

Ver: 10/10/2024

3/25/2026

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44079-1
SDG Number:

Login Number: 44079
List Number: 1
Creator: Stoaks, Miya L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44079-1
SDG Number:

Login Number: 44079
List Number: 3
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 02/21/26 11:11 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44079-1
SDG Number:

Login Number: 44079
List Number: 2
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 02/21/26 10:41 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

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JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-44097-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

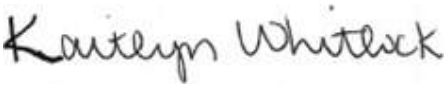
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 9
Tracer Carrier Summary 23
QC Sample Results 24
QC Association Summary 38
Lab Chronicle 45
Certification Summary 51
Method Summary 52
Sample Summary 53
Chain of Custody 54
Receipt Checklists 57

Definitions/Glossary

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
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.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-44097-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 2/21/2026 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 3 coolers at receipt time were 1.6°C, 1.8°C and 2.8°C.

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

Metals
Method 6010D: The method blank for preparation batch 860-300509 and analytical batch 860-300879 contained Lithium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The continuing calibration blank (CCB) for analytical batch 860-302250 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D - Dissolved: The method blank for preparation batch 860-302034 and analytical batch 860-302250 contained Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-302034 and analytical batch 860-302250 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: SSP MW-2D (870-44097-3) and SSP MW-5S (870-44097-7). Elevated reporting limits (RLs) are provided.

Method 6020B: The following samples were diluted to bring the concentration of target analytes within the calibration range: SFL MNW-1S (Contingency) (870-44097-4), SSP MW-4S (870-44097-5) and FD-3 (870-44097-6). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: Samples SSP MW-5D (870-44097-1), SSP MW-3D (870-44097-2), SSP MW-2D (870-44097-3), SFL MNW-1S (Contingency) (870-44097-4), SSP MW-4S (870-44097-5), FD-3 (870-44097-6), SSP MW-5S (870-44097-7), SSP MW-6S (870-44097-8) and SSP MW-6D (870-44097-9) was/were received outside of holding time.

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 758770

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do

have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Method 901.1: Gamma Batch 758770

The Ra 228 MDC for the method blank (MB) is above the requested limit of 50.0 pCi/L . Activity was not observed in the MB above the MDC or RL. The data have been reported with the MDC achieved. (MB 160-758770/1-A).

Method 901.1: Gamma prep batch 160-758959
The minimum detectable concentration (MDC) for the method blank (MB) is above the requested limit for Ra228. The activity was not observed in the MB above the MDC or reporting limit (RL). The data for the following sample have been reported with the MDC achieved:

(MB 160-758959/1-A)

Method 901.1: Gamma prep batch 160- 758959
The detection goal was not met for Ra226 and/or Ra228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the activity is well below the RL and MDC.

SSP MW-2D (870-44097-3), SSP MW-4S (870-44097-5), SSP MW-5S (870-44097-7) and (870-44041-A-1-A)

Method 901.1: Gamma Prep Batch 160- 758959
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred from	Reported to Analyte
Th-234	Pa-234
Th-234	U-238

Job ID: 870-44097-1 (Continued)

Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-108m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

SSP MW-2D (870-44097-3), SFL MNW-1S (Contingency) (870-44097-4), SSP MW-4S (870-44097-5), FD-3 (870-44097-6), SSP MW-5S (870-44097-7), SSP MW-6S (870-44097-8), SSP MW-6D (870-44097-9), (870-44041-A-1-A) and (870-44041-A-1-B DU)

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

Gas Flow Proportional Counter
Method 904.0: Radium-228 batch 759125
The detection goal was not met for the following sample due to the reduced sample volume used for prep attributed to the presence of matrix interferences: FD-3 (870-44097-6). Analytical results are reported with the detection limit achieved.

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

Client Sample ID: SSP MW-5D
Lab Sample ID: 870-44097-1

Date Collected: 02/19/26 09:00
Matrix: Water

Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		5.00	2.50	mg/L			03/03/26 14:11	10
Fluoride	<0.100	U	0.500	0.100	mg/L			03/03/26 14:02	1
Sulfate	**236**		0.500	0.200	mg/L			03/03/26 14:02	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.598**		0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 14:37	1
Calcium	**236**		0.200	0.102	mg/L		02/27/26 13:58	03/02/26 14:37	1
Magnesium	**37.7**		0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 14:37	1
Potassium	**30.0**		0.500	0.106	mg/L		02/27/26 13:58	03/02/26 14:37	1
Sodium	**845**		25.0	7.59	mg/L		02/27/26 13:58	03/02/26 14:42	50
Lithium	**0.418**		0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 14:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.126**		0.0200	0.00549	mg/L		03/01/26 12:30	03/03/26 06:10	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 06:10	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 06:10	1
Barium	**0.0429**		0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 06:10	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 06:10	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 06:10	1
Chromium	**0.000803**	**J**	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 06:10	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 06:10	1
Iron	**0.506**		0.0200	0.00445	mg/L		03/01/26 12:30	03/03/26 06:10	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 06:10	1
Molybdenum	**0.000419**	**J**	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 06:10	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 06:10	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 06:10	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 00:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**306**		4.00	4.00	mg/L			03/03/26 16:34	1
Total Dissolved Solids (SM 2540C)	**3540**		20.0	20.0	mg/L			02/25/26 12:07	1
pH (SM 4500 H+ B)	**6.8**	**HF**			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	**21.8**	**HF**			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	18.5	U	22.9	23.0	50.0	35.5	pCi/L	02/25/26 13:59	03/18/26 13:16	1
Radium-228	0.309	U	26.0	26.0	50.0	46.4	pCi/L	02/25/26 13:59	03/18/26 13:16	1
Combined Radium 226 + 228	18.8	U	34.6	34.7		46.4	pCi/L	02/25/26 13:59	03/18/26 13:16	1

Client Sample ID: SSP MW-5D
Lab Sample ID: 870-44097-1
Date Collected: 02/19/26 09:00
Matrix: Water
Date Received: 02/21/26 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.620		0.173	0.182	1.00	0.147	pCi/L	02/27/26 07:02	03/24/26 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.9*		*30 - 110*	*02/27/26 07:02*	*03/24/26 07:57*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.94		0.667	0.720	1.00	0.662	pCi/L	02/27/26 07:06	03/19/26 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.9*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:01*	*1*
Y Carrier	*83.4*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:01*	*1*

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-44097-2
Date Collected: 02/19/26 11:45
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1580		5.00	2.50	mg/L			03/03/26 14:29	10
Fluoride	0.164	J	0.500	0.100	mg/L			03/03/26 14:20	1
Sulfate	2680		5.00	2.00	mg/L			03/03/26 14:29	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.57		0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 14:54	1
Calcium	855		10.0	5.08	mg/L		02/27/26 13:58	03/02/26 15:00	50
Magnesium	133		0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 14:54	1
Potassium	57.2		0.500	0.106	mg/L		02/27/26 13:58	03/02/26 14:54	1
Sodium	1090		25.0	7.59	mg/L		02/27/26 13:58	03/02/26 15:00	50
Lithium	0.704		0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 14:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.606		0.0200	0.00549	mg/L		03/01/26 12:30	03/03/26 06:43	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 17:22	1
Arsenic	0.00436		0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 06:43	1
Barium	0.0198		0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 06:43	1
Beryllium	0.00933		0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 06:43	1
Cadmium	0.00538		0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 06:43	1
Chromium	0.000995	J	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 06:43	1
Cobalt	0.151		0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 06:43	1
Iron	1.55		0.0200	0.00445	mg/L		03/01/26 12:30	03/03/26 06:43	1
Lead	0.000492	J	0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 06:43	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 06:43	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 06:43	1
Thallium	0.00124	J	0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 06:43	1

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-44097-2
Date Collected: 02/19/26 11:45
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 00:51	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	13.0		4.00	4.00	mg/L			03/03/26 15:46	1
Total Dissolved Solids (SM 2540C)	5440		20.0	20.0	mg/L			02/25/26 12:07	1
pH (SM 4500 H+ B)	4.6	HF			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	26.9	HF			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	18.3	U	22.8	22.9	50.0	29.3	pCi/L	02/25/26 13:59	03/18/26 14:55	1
Radium-228	17.1	U	28.2	28.3	50.0	45.2	pCi/L	02/25/26 13:59	03/18/26 14:55	1
Combined Radium 226 + 228	35.3	U	36.3	36.4		45.2	pCi/L	02/25/26 13:59	03/18/26 14:55	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.46		0.271	0.302	1.00	0.185	pCi/L	02/27/26 07:02	03/24/26 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.4*		*30 - 110*	*02/27/26 07:02*	*03/24/26 07:57*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.15		0.810	0.938	1.00	0.611	pCi/L	02/27/26 07:06	03/19/26 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.4*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:01*	*1*
Y Carrier	*83.7*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:01*	*1*

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-44097-3
Date Collected: 02/19/26 13:35
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2870		5.00	2.50	mg/L			03/02/26 20:57	10
Fluoride	<1.00	U	5.00	1.00	mg/L			03/02/26 20:57	10
Sulfate	2380		5.00	2.00	mg/L			03/02/26 20:57	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.513		0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 18:29	1
Calcium	768		0.200	0.102	mg/L		03/02/26 09:00	03/02/26 18:29	1
Magnesium	143		0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 18:29	1

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-44097-3

Date Collected: 02/19/26 13:35
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**64.2**		0.500	0.106	mg/L		03/02/26 09:00	03/02/26 18:29	1
Sodium	**1380**		25.0	7.59	mg/L		03/02/26 09:00	03/02/26 19:55	50
Lithium	**0.925**	**B**	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 18:29	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/06/26 07:30	03/06/26 16:18	1
Antimony	**0.0498**		0.0200	0.00803	mg/L		03/06/26 07:30	03/06/26 16:18	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/06/26 07:30	03/06/26 16:18	1
Barium	**0.0209**		0.0100	0.00125	mg/L		03/06/26 07:30	03/06/26 16:18	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/06/26 07:30	03/06/26 16:18	1
Boron	**0.543**		0.0500	0.0162	mg/L		03/06/26 07:30	03/06/26 16:18	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/06/26 07:30	03/06/26 16:18	1
Calcium	**875**		1.00	0.508	mg/L		03/06/26 07:30	03/06/26 16:20	5
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/06/26 07:30	03/06/26 16:18	1
Cobalt	**0.00160**	**J**	0.0100	0.00123	mg/L		03/06/26 07:30	03/06/26 16:18	1
Iron	**1.04**		0.200	0.0283	mg/L		03/06/26 07:30	03/06/26 16:18	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/06/26 07:30	03/06/26 16:18	1
Magnesium	**148**		0.200	0.0445	mg/L		03/06/26 07:30	03/06/26 16:18	1
Molybdenum	**0.00719**	**J**	0.0100	0.00260	mg/L		03/06/26 07:30	03/06/26 16:18	1
Potassium	**64.6**		0.500	0.106	mg/L		03/06/26 07:30	03/06/26 16:18	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/06/26 07:30	03/06/26 16:18	1
Sodium	**1080**	**B ^2**	25.0	7.59	mg/L		03/06/26 07:30	03/06/26 16:48	50
Thallium	**0.0126**	**J**	0.0200	0.0110	mg/L		03/06/26 07:30	03/06/26 16:18	1
Li	**0.915**		0.0400	0.0174	mg/L		03/06/26 07:30	03/06/26 16:18	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.33**		0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 10:44	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 10:44	1
Arsenic	**0.00750**		0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 10:44	1
Barium	**0.0321**		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 10:44	1
Beryllium	**0.000635**	**J**	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 10:44	1
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:53	10
Chromium	**0.00167**	**J**	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 10:44	1
Cobalt	**0.00210**		0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 10:44	1
Iron	**2.12**		0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 10:44	1
Lead	**0.00195**	**J**	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 10:44	1
Molybdenum	<0.00255	U	0.0200	0.00255	mg/L		02/27/26 09:17	03/02/26 06:53	10
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:53	10
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 10:44	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 00:55	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		03/03/26 12:34	03/03/26 20:46	1

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-44097-3
Date Collected: 02/19/26 13:35
Matrix: Water
Date Received: 02/21/26 09:10

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	76.9		4.00	4.00	mg/L			03/03/26 15:35	1
Total Dissolved Solids (SM 2540C)	7360		50.0	50.0	mg/L			02/25/26 12:07	1
pH (SM 4500 H+ B)	5.7	HF			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	21.6	HF			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	44.1		25.3	25.6	50.0	26.7	pCi/L	02/26/26 10:32	03/19/26 10:43	1
Radium-228	9.75	U G	10.2	10.3	50.0	53.2	pCi/L	02/26/26 10:32	03/19/26 10:43	1
Combined Radium 226 + 228	53.8		27.3	27.6		53.2	pCi/L	02/26/26 10:32	03/19/26 10:43	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.776		0.233	0.243	1.00	0.220	pCi/L	02/27/26 07:02	03/24/26 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.7*		*30 - 110*	*02/27/26 07:02*	*03/24/26 07:57*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.11		0.781	0.832	1.00	0.788	pCi/L	02/27/26 07:06	03/19/26 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.7*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:01*	*1*
Y Carrier	*84.1*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:01*	*1*

Client Sample ID: SFL MNW-1S (Contingency)
Lab Sample ID: 870-44097-4
Date Collected: 02/19/26 08:35
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2650		5.00	2.50	mg/L			03/02/26 21:14	10
Fluoride	2.77		0.500	0.100	mg/L			03/02/26 21:09	1
Sulfate	2190		5.00	2.00	mg/L			03/02/26 21:14	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.294		0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 14:36	1
Calcium	1240		10.0	5.08	mg/L		02/27/26 13:58	03/02/26 14:40	50
Magnesium	160		0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 14:36	1
Potassium	29.3		0.500	0.106	mg/L		02/27/26 13:58	03/02/26 14:36	1
Sodium	1030		25.0	7.59	mg/L		02/27/26 13:58	03/02/26 14:40	50
Lithium	0.584		0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 14:36	1

Client Sample ID: SFL MNW-1S (Contingency)
Lab Sample ID: 870-44097-4

Date Collected: 02/19/26 08:35
Matrix: Water
Date Received: 02/21/26 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**33.9**		0.100	0.0275	mg/L		03/01/26 12:30	03/03/26 06:17	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 06:13	1
Arsenic	**0.0180**		0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 06:13	1
Barium	**0.0191**		0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 06:13	1
Beryllium	**0.0842**		0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 06:13	1
Cadmium	**0.0196**		0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 06:13	1
Chromium	**0.00331**	**J**	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 06:13	1
Cobalt	**0.254**		0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 06:13	1
Iron	**5.31**		0.0200	0.00445	mg/L		03/01/26 12:30	03/03/26 06:13	1
Lead	**0.00976**		0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 06:13	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 06:13	1
Selenium	**0.000612**	**J**	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 06:13	1
Thallium	**0.0117**		0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 06:13	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 00:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/03/26 16:40	1
Total Dissolved Solids (SM 2540C)	**6790**		50.0	50.0	mg/L			02/25/26 12:07	1
pH (SM 4500 H+ B)	**3.6**	**HF**			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	**24.9**	**HF**			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**32.2**		22.1	22.3	50.0	30.7	pCi/L	02/26/26 10:32	03/19/26 10:43	1
Radium-228	8.76	U	23.9	23.9	50.0	39.8	pCi/L	02/26/26 10:32	03/19/26 10:43	1
Combined Radium 226 + 228	**40.9**		32.6	32.7		39.8	pCi/L	02/26/26 10:32	03/19/26 10:43	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.543**		0.183	0.190	1.00	0.203	pCi/L	02/27/26 07:02	03/24/26 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*02/27/26 07:02*	*03/24/26 07:57*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.09**		0.591	0.622	1.00	0.664	pCi/L	02/27/26 07:06	03/19/26 12:01	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.6*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:01*	*1*

Client Sample ID: SFL MNW-1S (Contingency)
Lab Sample ID: 870-44097-4
Date Collected: 02/19/26 08:35
Matrix: Water
Date Received: 02/21/26 09:10

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	85.6		30 - 110	02/27/26 07:06	03/19/26 12:01	1

Client Sample ID: SSP MW-4S
Lab Sample ID: 870-44097-5
Date Collected: 02/19/26 10:20
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	463		0.500	0.250	mg/L			03/02/26 21:32	1
Fluoride	2.55		0.500	0.100	mg/L			03/02/26 21:32	1
Sulfate	2730		5.00	2.00	mg/L			03/03/26 17:14	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	9.50		0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 14:39	1
Calcium	650		10.0	5.08	mg/L		02/27/26 13:58	03/02/26 14:44	50
Magnesium	211		0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 14:39	1
Potassium	38.2		0.500	0.106	mg/L		02/27/26 13:58	03/02/26 14:39	1
Sodium	510		25.0	7.59	mg/L		02/27/26 13:58	03/02/26 14:44	50
Lithium	0.417		0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 14:39	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	23.0		0.100	0.0275	mg/L		03/01/26 12:30	03/03/26 06:23	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 06:19	1
Arsenic	0.0106		0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 06:19	1
Barium	0.0247		0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 06:19	1
Beryllium	0.0265		0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 06:19	1
Cadmium	0.00212		0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 06:19	1
Chromium	0.000690	J	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 06:19	1
Cobalt	0.101		0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 06:19	1
Iron	47.3		0.100	0.0223	mg/L		03/01/26 12:30	03/03/26 06:23	5
Lead	0.0163		0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 06:19	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 06:19	1
Selenium	0.00128	J	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 06:19	1
Thallium	0.00345		0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 06:19	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000144	J	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 01:02	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/03/26 16:15	1
Total Dissolved Solids (SM 2540C)	4540		20.0	20.0	mg/L			02/25/26 12:07	1
pH (SM 4500 H+ B)	3.5	HF			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	24.6	HF			Celsius			02/24/26 14:10	1

Client Sample ID: SSP MW-4S
Lab Sample ID: 870-44097-5
Date Collected: 02/19/26 10:20
Matrix: Water
Date Received: 02/21/26 09:10

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-4.20	U	25.4	25.5	50.0	43.1	pCi/L	02/26/26 10:32	03/19/26 10:44	1
Radium-228	8.03	U G	37.7	37.7	50.0	62.8	pCi/L	02/26/26 10:32	03/19/26 10:44	1
Combined Radium 226 + 228	3.83	U	45.5	45.5		62.8	pCi/L	02/26/26 10:32	03/19/26 10:44	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.68**		0.414	0.479	1.00	0.263	pCi/L	02/27/26 07:02	03/24/26 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.7*		*30 - 110*	*02/27/26 07:02*	*03/24/26 07:57*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**10.4**		1.25	1.58	1.00	0.779	pCi/L	02/27/26 07:06	03/19/26 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.7*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*
Y Carrier	*87.5*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*

Client Sample ID: FD-3
Lab Sample ID: 870-44097-6
Date Collected: 02/19/26 10:25
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**460**		0.500	0.250	mg/L			03/02/26 21:44	1
Fluoride	**2.49**		0.500	0.100	mg/L			03/02/26 21:44	1
Sulfate	**3130**		5.00	2.00	mg/L			03/05/26 17:26	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**9.37**		0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 14:49	1
Calcium	**685**		10.0	5.08	mg/L		02/27/26 13:58	03/02/26 14:55	50
Magnesium	**208**		0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 14:49	1
Potassium	**37.6**		0.500	0.106	mg/L		02/27/26 13:58	03/02/26 14:49	1
Sodium	**540**		25.0	7.59	mg/L		02/27/26 13:58	03/02/26 14:55	50
Lithium	**0.417**		0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 14:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**22.6**		0.100	0.0275	mg/L		03/01/26 12:30	03/03/26 06:40	5
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 06:31	1
Arsenic	**0.0105**		0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 06:31	1
Barium	**0.0246**		0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 06:31	1
Beryllium	**0.0254**		0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 06:31	1

Client Sample ID: FD-3
Lab Sample ID: 870-44097-6

Date Collected: 02/19/26 10:25
Matrix: Water

Date Received: 02/21/26 09:10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	**0.00205**		0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 06:31	1
Chromium	**0.000645**	**J**	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 06:31	1
Cobalt	**0.0984**		0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 06:31	1
Iron	**46.3**		0.100	0.0223	mg/L		03/01/26 12:30	03/03/26 06:40	5
Lead	**0.0160**		0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 06:31	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 06:31	1
Selenium	**0.00124**	**J**	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 06:31	1
Thallium	**0.00335**		0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 06:31	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000144**	**J**	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 01:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			03/03/26 15:57	1
Total Dissolved Solids (SM 2540C)	**4700**		20.0	20.0	mg/L			02/25/26 12:07	1
pH (SM 4500 H+ B)	**3.5**	**HF**			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	**21.6**	**HF**			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-9.57	U	13.5	13.5	50.0	17.8	pCi/L	02/26/26 10:32	03/19/26 13:22	1
Radium-228	-23.1	U	47.5	47.5	50.0	41.6	pCi/L	02/26/26 10:32	03/19/26 13:22	1
Combined Radium 226 + 228	-32.6	U	49.4	49.4		41.6	pCi/L	02/26/26 10:32	03/19/26 13:22	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.81**		0.533	0.590	1.00	0.379	pCi/L	02/27/26 07:02	03/24/26 10:03	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*49.1*		*30 - 110*	*02/27/26 07:02*	*03/24/26 10:03*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**13.7**	**G**	1.91	2.28	1.00	1.26	pCi/L	02/27/26 07:06	03/19/26 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*49.1*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*
Y Carrier	*83.0*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-44097-7

Date Collected: 02/19/26 12:35
Matrix: Water

Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2130**		5.00	2.50	mg/L			03/02/26 22:01	10
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 21:55	1
Sulfate	**932**		5.00	2.00	mg/L			03/02/26 22:01	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.205**		0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 18:49	1
Calcium	**375**		0.200	0.102	mg/L		03/02/26 09:00	03/02/26 18:49	1
Magnesium	**81.2**		0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 18:49	1
Potassium	**29.0**		0.500	0.106	mg/L		03/02/26 09:00	03/02/26 18:49	1
Sodium	**1030**		25.0	7.59	mg/L		03/02/26 09:00	03/02/26 19:59	50
Lithium	**0.402**	**B**	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 18:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0348**		0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 10:47	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 10:47	1
Arsenic	**0.00287**	**J**	0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 10:47	1
Barium	**0.0198**		0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 10:47	1
Beryllium	**0.00230**		0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 10:47	1
Cadmium	<0.00240	U	0.0200	0.00240	mg/L		02/27/26 09:17	03/02/26 06:56	10
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 10:47	1
Cobalt	**0.0249**		0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 10:47	1
Iron	**0.645**		0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 10:47	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 10:47	1
Molybdenum	<0.00255	U	0.0200	0.00255	mg/L		02/27/26 09:17	03/02/26 06:56	10
Selenium	<0.00590	U	0.0200	0.00590	mg/L		02/27/26 09:17	03/02/26 06:56	10
Thallium	**0.00105**	**J**	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 10:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 01:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**38.8**		4.00	4.00	mg/L			03/03/26 16:05	1
Total Dissolved Solids (SM 2540C)	**4980**		20.0	20.0	mg/L			02/25/26 12:08	1
pH (SM 4500 H+ B)	**5.1**	**HF**			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	**20.3**	**HF**			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	23.4	U	22.7	22.9	50.0	32.7	pCi/L	02/26/26 10:32	03/19/26 14:50	1
Radium-228	-4.04	U G	49.9	49.9	50.0	88.1	pCi/L	02/26/26 10:32	03/19/26 14:50	1
Combined Radium 226 + 228	19.3	U	54.8	54.9		88.1	pCi/L	02/26/26 10:32	03/19/26 14:50	1

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-44097-7
Date Collected: 02/19/26 12:35
Matrix: Water
Date Received: 02/21/26 09:10

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.757		0.206	0.217	1.00	0.172	pCi/L	02/27/26 07:02	03/24/26 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*64.0*		*30 - 110*	*02/27/26 07:02*	*03/24/26 10:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.13		0.901	1.02	1.00	0.794	pCi/L	02/27/26 07:06	03/19/26 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*64.0*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*
Y Carrier	*89.7*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*

Client Sample ID: SSP MW-6S
Lab Sample ID: 870-44097-8
Date Collected: 02/19/26 14:15
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1820		5.00	2.50	mg/L			03/02/26 22:13	10
Fluoride	0.682		0.500	0.100	mg/L			03/02/26 22:07	1
Sulfate	2790		5.00	2.00	mg/L			03/03/26 17:54	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.386		0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 14:52	1
Calcium	895		10.0	5.08	mg/L		02/27/26 13:58	03/02/26 14:58	50
Magnesium	177		0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 14:52	1
Potassium	48.0		0.500	0.106	mg/L		02/27/26 13:58	03/02/26 14:52	1
Sodium	1340		25.0	7.59	mg/L		02/27/26 13:58	03/02/26 14:58	50
Lithium	0.662		0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 14:52	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.749		0.0200	0.00549	mg/L		03/01/26 12:30	03/03/26 06:26	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 06:26	1
Arsenic	0.00217	J	0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 06:26	1
Barium	0.0177		0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 06:26	1
Beryllium	0.0774		0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 06:26	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 06:26	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 06:26	1
Cobalt	0.0142		0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 06:26	1
Iron	7.60		0.0200	0.00445	mg/L		03/01/26 12:30	03/03/26 06:26	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 06:26	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 06:26	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 06:26	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 06:26	1

Client Sample ID: SSP MW-6S
Lab Sample ID: 870-44097-8
Date Collected: 02/19/26 14:15
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 01:12	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	48.2		4.00	4.00	mg/L			03/03/26 16:18	1
Total Dissolved Solids (SM 2540C)	6410		50.0	50.0	mg/L			02/25/26 12:08	1
pH (SM 4500 H+ B)	5.2	HF			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	20.4	HF			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	7.85	U	15.3	15.3	50.0	24.6	pCi/L	02/26/26 10:32	03/19/26 12:53	1
Radium-228	15.5	U	25.9	25.9	50.0	41.1	pCi/L	02/26/26 10:32	03/19/26 12:53	1
Combined Radium 226 + 228	23.3	U	30.1	30.1		41.1	pCi/L	02/26/26 10:32	03/19/26 12:53	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.411		0.173	0.177	1.00	0.208	pCi/L	02/27/26 07:02	03/24/26 10:04	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.7*		*30 - 110*	*02/27/26 07:02*	*03/24/26 10:04*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.84		0.685	0.733	1.00	0.725	pCi/L	02/27/26 07:06	03/19/26 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.7*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*
Y Carrier	*84.9*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*

Client Sample ID: SSP MW-6D
Lab Sample ID: 870-44097-9
Date Collected: 02/19/26 15:25
Matrix: Water
Date Received: 02/21/26 09:10

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1650		5.00	2.50	mg/L			03/02/26 22:25	10
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 22:19	1
Sulfate	1220		5.00	2.00	mg/L			03/02/26 22:25	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.484		0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 14:50	1
Calcium	347		0.200	0.102	mg/L		02/27/26 13:58	03/02/26 14:50	1
Magnesium	61.8		0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 14:50	1

Client Sample ID: SSP MW-6D
Lab Sample ID: 870-44097-9

Date Collected: 02/19/26 15:25
Matrix: Water

Date Received: 02/21/26 09:10

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**40.3**		0.500	0.106	mg/L		02/27/26 13:58	03/02/26 14:50	1
Sodium	**975**		25.0	7.59	mg/L		02/27/26 13:58	03/02/26 14:57	50
Lithium	**0.397**		0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 14:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0294**		0.0200	0.00549	mg/L		03/01/26 12:30	03/03/26 06:29	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 06:29	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 06:29	1
Barium	**0.0300**		0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 06:29	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 06:29	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 06:29	1
Chromium	**0.000611**	**J**	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 06:29	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 06:29	1
Iron	**0.498**		0.0200	0.00445	mg/L		03/01/26 12:30	03/03/26 06:29	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 06:29	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 06:29	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 06:29	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 06:29	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/28/26 01:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**257**		4.00	4.00	mg/L			03/03/26 15:51	1
Total Dissolved Solids (SM 2540C)	**4700**		20.0	20.0	mg/L			02/25/26 12:48	1
pH (SM 4500 H+ B)	**6.4**	**HF**			SU			02/24/26 14:10	1
Temperature (SM 4500 H+ B)	**20.7**	**HF**			Celsius			02/24/26 14:10	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.6	U	25.5	25.6	50.0	30.9	pCi/L	02/26/26 10:32	03/19/26 13:25	1
Radium-228	7.55	U	13.6	13.7	50.0	48.4	pCi/L	02/26/26 10:32	03/19/26 13:25	1
Combined Radium 226 + 228	29.2	U	28.9	29.0		48.4	pCi/L	02/26/26 10:32	03/19/26 13:25	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.722**		0.187	0.198	1.00	0.154	pCi/L	02/27/26 07:02	03/24/26 09:53	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.1*		*30 - 110*	*02/27/26 07:02*	*03/24/26 09:53*	*1*

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SSP MW-6D
Lab Sample ID: 870-44097-9
Date Collected: 02/19/26 15:25
Matrix: Water
Date Received: 02/21/26 09:10

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.84		0.693	0.740	1.00	0.734	pCi/L	02/27/26 07:06	03/19/26 12:14	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.1*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*
Y Carrier	*82.2*		*30 - 110*	*02/27/26 07:06*	*03/19/26 12:14*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-44097-1	SSP MW-5D	76.9
870-44097-2	SSP MW-3D	77.4
870-44097-3	SSP MW-2D	77.7
870-44097-4	SFL MNW-1S (Contingency)	76.6
870-44097-5	SSP MW-4S	79.7
870-44097-6	FD-3	49.1
870-44097-7	SSP MW-5S	64.0
870-44097-8	SSP MW-6S	73.7
870-44097-9	SSP MW-6D	77.1
LCS 160-759123/2-A	Lab Control Sample	82.0
MB 160-759123/1-A	Method Blank	82.0

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-44097-1	SSP MW-5D	76.9	83.4
870-44097-2	SSP MW-3D	77.4	83.7
870-44097-3	SSP MW-2D	77.7	84.1
870-44097-4	SFL MNW-1S (Contingency)	76.6	85.6
870-44097-5	SSP MW-4S	79.7	87.5
870-44097-6	FD-3	49.1	83.0
870-44097-7	SSP MW-5S	64.0	89.7
870-44097-8	SSP MW-6S	73.7	84.9
870-44097-9	SSP MW-6D	77.1	82.2
LCS 160-759125/2-A	Lab Control Sample	82.0	81.5
MB 160-759125/1-A	Method Blank	82.0	78.9

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-300515/62
Matrix: Water
Analysis Batch: 300515

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 18:07	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 18:07	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 18:07	1

Lab Sample ID: LCS 860-300515/63
Matrix: Water
Analysis Batch: 300515

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.36		mg/L		104	90 - 110
Fluoride	10.0	10.62		mg/L		106	90 - 110
Sulfate	10.0	9.407		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-300515/64
Matrix: Water
Analysis Batch: 300515

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.27		mg/L		103	90 - 110	1	20
Fluoride	10.0	10.60		mg/L		106	90 - 110	0	20
Sulfate	10.0	9.347		mg/L		93	90 - 110	1	20

Lab Sample ID: LLCS 860-300515/66
Matrix: Water
Analysis Batch: 300515

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6237		mg/L		125	50 - 150
Fluoride	0.500	0.4593	J	mg/L		92	50 - 150
Sulfate	0.500	0.6294		mg/L		126	50 - 150

Lab Sample ID: MB 860-300520/3
Matrix: Water
Analysis Batch: 300520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 10:07	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 10:07	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 10:07	1

Lab Sample ID: MB 860-300520/62
Matrix: Water
Analysis Batch: 300520

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/02/26 19:03	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/02/26 19:03	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/02/26 19:03	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-300520/4
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.721		mg/L		97	90 - 110
Fluoride	10.0	9.349		mg/L		93	90 - 110
Sulfate	10.0	10.06		mg/L		101	90 - 110

Lab Sample ID: LCS 860-300520/63
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.01		mg/L		100	90 - 110
Fluoride	10.0	9.634		mg/L		96	90 - 110
Sulfate	10.0	10.50		mg/L		105	90 - 110

Lab Sample ID: LCSD 860-300520/5
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.729		mg/L		97	90 - 110	0	20
Fluoride	10.0	9.318		mg/L		93	90 - 110	0	20
Sulfate	10.0	9.937		mg/L		99	90 - 110	1	20

Lab Sample ID: LCSD 860-300520/64
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.00		mg/L		100	90 - 110	0	20
Fluoride	10.0	9.604		mg/L		96	90 - 110	0	20
Sulfate	10.0	10.52		mg/L		105	90 - 110	0	20

Lab Sample ID: LLCS 860-300520/66
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5506		mg/L		110	50 - 150
Fluoride	0.500	0.4125	J	mg/L		83	50 - 150
Sulfate	0.500	0.4895	J	mg/L		98	50 - 150

Lab Sample ID: LLCS 860-300520/7
Matrix: Water
Analysis Batch: 300520

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.5460		mg/L		109	50 - 150
Fluoride	0.500	0.4004	J	mg/L		80	50 - 150
Sulfate	0.500	0.4830	J	mg/L		97	50 - 150

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-300892/3
Matrix: Water
Analysis Batch: 300892

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/03/26 11:00	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/03/26 11:00	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/03/26 11:00	1

Lab Sample ID: LCS 860-300892/4
Matrix: Water
Analysis Batch: 300892

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.032		mg/L		90	90 - 110
Fluoride	10.0	9.889		mg/L		99	90 - 110
Sulfate	10.0	9.663		mg/L		97	90 - 110

Lab Sample ID: LCSD 860-300892/5
Matrix: Water
Analysis Batch: 300892

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.084		mg/L		91	90 - 110	1	20
Fluoride	10.0	9.950		mg/L		99	90 - 110	1	20
Sulfate	10.0	9.778		mg/L		98	90 - 110	1	20

Lab Sample ID: LLCS 860-300892/7
Matrix: Water
Analysis Batch: 300892

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6214		mg/L		124	50 - 150
Fluoride	0.500	0.4515	J	mg/L		90	50 - 150
Sulfate	0.500	0.5971		mg/L		119	50 - 150

Lab Sample ID: MB 860-301654/3
Matrix: Water
Analysis Batch: 301654

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			03/05/26 10:18	1
Fluoride	<0.100	U	0.500	0.100	mg/L			03/05/26 10:18	1
Sulfate	<0.200	U	0.500	0.200	mg/L			03/05/26 10:18	1

Lab Sample ID: LCS 860-301654/4
Matrix: Water
Analysis Batch: 301654

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.41		mg/L		104	90 - 110
Fluoride	10.0	10.05		mg/L		101	90 - 110
Sulfate	10.0	10.18		mg/L		102	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-301654/5
Matrix: Water
Analysis Batch: 301654

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.59		mg/L		106	90 - 110	2	20
Fluoride			10.0	10.29		mg/L		103	90 - 110	2	20
Sulfate			10.0	10.35		mg/L		103	90 - 110	2	20

Lab Sample ID: LLCS 860-301654/7
Matrix: Water
Analysis Batch: 301654

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			0.500	0.5829		mg/L		117	50 - 150		
Fluoride			0.500	0.4347	J	mg/L		87	50 - 150		
Sulfate			0.500	0.5401		mg/L		108	50 - 150		

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-300135/1-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300135

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		02/27/26 13:58	03/02/26 13:33	1
Calcium	<0.102	U	0.200	0.102	mg/L		02/27/26 13:58	03/02/26 13:33	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		02/27/26 13:58	03/02/26 13:33	1
Potassium	<0.106	U	0.500	0.106	mg/L		02/27/26 13:58	03/02/26 13:33	1
Sodium	<0.152	U	0.500	0.152	mg/L		02/27/26 13:58	03/02/26 13:33	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		02/27/26 13:58	03/02/26 13:33	1

Lab Sample ID: LCS 860-300135/2-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300135

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	1.030		mg/L		103	80 - 120		
Calcium			25.0	25.90		mg/L		104	80 - 120		
Magnesium			25.0	25.90		mg/L		104	80 - 120		
Potassium			10.0	10.20		mg/L		102	80 - 120		
Sodium			25.0	25.20		mg/L		101	80 - 120		
Lithium			1.00	0.9990		mg/L		100	80 - 120		

Lab Sample ID: LCSD 860-300135/3-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 300135

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.030		mg/L		103	80 - 120	0	20
Calcium			25.0	25.80		mg/L		103	80 - 120	0	20
Magnesium			25.0	25.80		mg/L		103	80 - 120	0	20
Potassium			10.0	10.20		mg/L		102	80 - 120	0	20
Sodium			25.0	25.10		mg/L		100	80 - 120	0	20
Lithium			1.00	0.9970		mg/L		100	80 - 120	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-300509/1-A
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/02/26 09:00	03/02/26 17:16	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/02/26 09:00	03/02/26 17:16	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/02/26 09:00	03/02/26 17:16	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/02/26 09:00	03/02/26 17:16	1
Lithium	0.02020	J	0.0400	0.0174	mg/L		03/02/26 09:00	03/02/26 17:16	1

Lab Sample ID: MB 860-300509/1-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300509

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sodium	<0.152	U	0.500	0.152	mg/L		03/02/26 09:00	03/02/26 19:44	1

Lab Sample ID: LCS 860-300509/2-A
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9540		mg/L		95	80 - 120
Calcium	25.0	25.20		mg/L		101	80 - 120
Magnesium	25.0	25.10		mg/L		100	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Lithium	1.00	0.9920		mg/L		99	80 - 120

Lab Sample ID: LCS 860-300509/2-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Sodium	25.0	25.00		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-300509/3-A
Matrix: Water
Analysis Batch: 300879

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9550		mg/L		96	80 - 120	0	20
Calcium	25.0	25.20		mg/L		101	80 - 120	0	20
Magnesium	25.0	25.00		mg/L		100	80 - 120	0	20
Potassium	10.0	10.20		mg/L		102	80 - 120	1	20
Lithium	1.00	0.9940		mg/L		99	80 - 120	0	20

Lab Sample ID: LCSD 860-300509/3-A
Matrix: Water
Analysis Batch: 300874

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 300509

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	25.0	24.80		mg/L		99	80 - 120	1	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-302034/1-A
Matrix: Water
Analysis Batch: 302250

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 302034

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		03/06/26 07:30	03/06/26 16:10	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		03/06/26 07:30	03/06/26 16:10	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		03/06/26 07:30	03/06/26 16:10	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		03/06/26 07:30	03/06/26 16:10	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		03/06/26 07:30	03/06/26 16:10	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		03/06/26 07:30	03/06/26 16:10	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		03/06/26 07:30	03/06/26 16:10	1
Calcium	<0.102	U	0.200	0.102	mg/L		03/06/26 07:30	03/06/26 16:10	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		03/06/26 07:30	03/06/26 16:10	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		03/06/26 07:30	03/06/26 16:10	1
Iron	<0.0283	U	0.200	0.0283	mg/L		03/06/26 07:30	03/06/26 16:10	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		03/06/26 07:30	03/06/26 16:10	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		03/06/26 07:30	03/06/26 16:10	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		03/06/26 07:30	03/06/26 16:10	1
Potassium	<0.106	U	0.500	0.106	mg/L		03/06/26 07:30	03/06/26 16:10	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		03/06/26 07:30	03/06/26 16:10	1
Sodium	0.4720	J	0.500	0.152	mg/L		03/06/26 07:30	03/06/26 16:10	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		03/06/26 07:30	03/06/26 16:10	1
Li	<0.0174	U	0.0400	0.0174	mg/L		03/06/26 07:30	03/06/26 16:10	1

Lab Sample ID: LCS 860-302034/2-A
Matrix: Water
Analysis Batch: 302250

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 302034

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.740		mg/L		95	80 - 120
Antimony	1.00	1.060		mg/L		106	80 - 120
Arsenic	1.00	1.020		mg/L		102	80 - 120
Barium	1.00	1.000		mg/L		100	80 - 120
Beryllium	1.00	1.030		mg/L		103	80 - 120
Boron	1.00	0.9570		mg/L		96	80 - 120
Cadmium	1.00	0.9950		mg/L		100	80 - 120
Calcium	25.0	26.10		mg/L		104	80 - 120
Chromium	1.00	0.9870		mg/L		99	80 - 120
Cobalt	1.00	1.020		mg/L		102	80 - 120
Iron	5.00	5.260		mg/L		105	80 - 120
Lead	1.00	1.040		mg/L		104	80 - 120
Magnesium	25.0	24.80		mg/L		99	80 - 120
Molybdenum	1.00	1.050		mg/L		105	80 - 120
Potassium	10.0	9.850		mg/L		99	80 - 120
Selenium	1.00	1.010		mg/L		101	80 - 120
Sodium	25.0	24.00		mg/L		96	80 - 120
Thallium	1.00	1.020		mg/L		102	80 - 120
Li	1.00	0.9130		mg/L		91	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-302034/3-A
Matrix: Water
Analysis Batch: 302250

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 302034

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			5.00	4.740		mg/L		95	80 - 120	0	20
Antimony			1.00	1.070		mg/L		107	80 - 120	1	20
Arsenic			1.00	1.020		mg/L		102	80 - 120	0	20
Barium			1.00	1.000		mg/L		100	80 - 120	0	20
Beryllium			1.00	1.030		mg/L		103	80 - 120	0	20
Boron			1.00	0.9580		mg/L		96	80 - 120	0	20
Cadmium			1.00	0.9920		mg/L		99	80 - 120	0	20
Calcium			25.0	26.00		mg/L		104	80 - 120	0	20
Chromium			1.00	0.9820		mg/L		98	80 - 120	1	20
Cobalt			1.00	1.020		mg/L		102	80 - 120	0	20
Iron			5.00	5.250		mg/L		105	80 - 120	0	20
Lead			1.00	1.040		mg/L		104	80 - 120	0	20
Magnesium			25.0	24.80		mg/L		99	80 - 120	0	20
Molybdenum			1.00	1.060		mg/L		106	80 - 120	1	20
Potassium			10.0	9.850		mg/L		99	80 - 120	0	20
Selenium			1.00	1.010		mg/L		101	80 - 120	0	20
Sodium			25.0	24.00		mg/L		96	80 - 120	0	20
Thallium			1.00	1.020		mg/L		102	80 - 120	0	20
Li			1.00	0.9120		mg/L		91	80 - 120	0	20

Lab Sample ID: 870-44097-3 MS
Matrix: Water
Analysis Batch: 302250

Client Sample ID: SSP MW-2D
Prep Type: Dissolved
Prep Batch: 302034

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	<0.0352	U	5.00	5.550		mg/L		111	75 - 125
Antimony	0.0498		1.00	1.090		mg/L		104	75 - 125
Arsenic	<0.00650	U	1.00	1.040		mg/L		104	75 - 125
Barium	0.0209		1.00	0.9920		mg/L		97	75 - 125
Beryllium	<0.00107	U	1.00	1.010		mg/L		101	75 - 125
Boron	0.543		1.00	1.540		mg/L		100	75 - 125
Cadmium	<0.000831	U	1.00	0.9910		mg/L		99	75 - 125
Calcium	828		25.0	825.0	4	mg/L		-12	75 - 125
Chromium	<0.00216	U	1.00	0.9560		mg/L		96	75 - 125
Cobalt	0.00160	J	1.00	0.9670		mg/L		97	75 - 125
Iron	1.04		5.00	6.120		mg/L		102	75 - 125
Lead	<0.00368	U	1.00	0.9680		mg/L		97	75 - 125
Magnesium	148		25.0	170.0	4	mg/L		88	75 - 125
Molybdenum	0.00719	J	1.00	1.030		mg/L		102	75 - 125
Potassium	64.6		10.0	75.40	4	mg/L		108	75 - 125
Selenium	<0.00927	U	1.00	0.9720		mg/L		97	75 - 125
Sodium	1200	B ^2	25.0	1200	4	mg/L		0	75 - 125
Thallium	0.0126	J	1.00	0.9440		mg/L		93	75 - 125
Li	0.915		1.00	1.950		mg/L		104	75 - 125

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: 870-44097-3 MSD
Matrix: Water
Analysis Batch: 302250

Client Sample ID: SSP MW-2D
Prep Type: Dissolved
Prep Batch: 302034

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	<0.0352	U	5.00	5.610		mg/L		112	75 - 125	1	20
Antimony	0.0498		1.00	1.090		mg/L		104	75 - 125	0	20
Arsenic	<0.00650	U	1.00	1.050		mg/L		105	75 - 125	1	20
Barium	0.0209		1.00	1.000		mg/L		98	75 - 125	1	20
Beryllium	<0.00107	U	1.00	1.020		mg/L		102	75 - 125	1	20
Boron	0.543		1.00	1.540		mg/L		100	75 - 125	0	20
Cadmium	<0.000831	U	1.00	1.000		mg/L		100	75 - 125	1	20
Calcium	828		25.0	826.0	4	mg/L		-8	75 - 125	0	20
Chromium	<0.00216	U	1.00	0.9680		mg/L		97	75 - 125	1	20
Cobalt	0.00160	J	1.00	0.9810		mg/L		98	75 - 125	1	20
Iron	1.04		5.00	6.180		mg/L		103	75 - 125	1	20
Lead	<0.00368	U	1.00	0.9840		mg/L		98	75 - 125	2	20
Magnesium	148		25.0	170.0	4	mg/L		88	75 - 125	0	20
Molybdenum	0.00719	J	1.00	1.040		mg/L		103	75 - 125	1	20
Potassium	64.6		10.0	75.30	4	mg/L		107	75 - 125	0	20
Selenium	<0.00927	U	1.00	0.9580		mg/L		96	75 - 125	1	20
Sodium	1200	B ^2	25.0	1200	4	mg/L		0	75 - 125	0	20
Thallium	0.0126	J	1.00	0.9450		mg/L		93	75 - 125	0	20
Li	0.915		1.00	1.940		mg/L		103	75 - 125	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-299992/1-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 299992

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		02/27/26 09:17	02/28/26 09:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		02/27/26 09:17	02/28/26 09:15	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		02/27/26 09:17	02/28/26 09:15	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		02/27/26 09:17	02/28/26 09:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		02/27/26 09:17	02/28/26 09:15	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		02/27/26 09:17	02/28/26 09:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		02/27/26 09:17	02/28/26 09:15	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		02/27/26 09:17	02/28/26 09:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		02/27/26 09:17	02/28/26 09:15	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		02/27/26 09:17	02/28/26 09:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		02/27/26 09:17	02/28/26 09:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		02/27/26 09:17	02/28/26 09:15	1

Lab Sample ID: LCS 860-299992/2-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4978		mg/L		100	80 - 120
Antimony	0.100	0.09971		mg/L		100	80 - 120
Arsenic	0.100	0.09912		mg/L		99	80 - 120

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

Lab Sample ID: LCS 860-299992/2-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Barium	0.100	0.09699		mg/L		97	80 - 120
Beryllium	0.100	0.09492		mg/L		95	80 - 120
Cadmium	0.100	0.09703		mg/L		97	80 - 120
Chromium	0.100	0.09955		mg/L		100	80 - 120
Cobalt	0.100	0.09835		mg/L		98	80 - 120
Iron	0.500	0.4914		mg/L		98	80 - 120
Lead	0.100	0.09922		mg/L		99	80 - 120
Molybdenum	0.100	0.1044		mg/L		104	80 - 120
Selenium	0.100	0.09991		mg/L		100	80 - 120
Thallium	0.100	0.09985		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-299992/3-A
Matrix: Water
Analysis Batch: 300430

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 299992

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4915		mg/L		98	80 - 120	1	20
Antimony	0.100	0.09975		mg/L		100	80 - 120	0	20
Arsenic	0.100	0.09882		mg/L		99	80 - 120	0	20
Barium	0.100	0.09655		mg/L		97	80 - 120	0	20
Beryllium	0.100	0.09525		mg/L		95	80 - 120	0	20
Cadmium	0.100	0.09638		mg/L		96	80 - 120	1	20
Chromium	0.100	0.09907		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09808		mg/L		98	80 - 120	0	20
Iron	0.500	0.4891		mg/L		98	80 - 120	0	20
Lead	0.100	0.09971		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1037		mg/L		104	80 - 120	1	20
Selenium	0.100	0.09938		mg/L		99	80 - 120	1	20
Thallium	0.100	0.1004		mg/L		100	80 - 120	1	20

Lab Sample ID: MB 860-300437/1-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		03/01/26 12:30	03/03/26 05:33	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		03/01/26 12:30	03/03/26 05:33	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		03/01/26 12:30	03/03/26 05:33	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		03/01/26 12:30	03/03/26 05:33	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		03/01/26 12:30	03/03/26 05:33	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		03/01/26 12:30	03/03/26 05:33	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		03/01/26 12:30	03/03/26 05:33	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		03/01/26 12:30	03/03/26 05:33	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		03/01/26 12:30	03/03/26 05:33	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		03/01/26 12:30	03/03/26 05:33	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		03/01/26 12:30	03/03/26 05:33	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		03/01/26 12:30	03/03/26 05:33	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		03/01/26 12:30	03/03/26 05:33	1

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

Lab Sample ID: LCS 860-300437/2-A
Matrix: Water
Analysis Batch: 301044

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4810		mg/L		96	80 - 120
Antimony	0.100	0.1040		mg/L		104	80 - 120
Arsenic	0.100	0.09386		mg/L		94	80 - 120
Barium	0.100	0.1002		mg/L		100	80 - 120
Beryllium	0.100	0.09569		mg/L		96	80 - 120
Cadmium	0.100	0.09806		mg/L		98	80 - 120
Chromium	0.100	0.09369		mg/L		94	80 - 120
Cobalt	0.100	0.09377		mg/L		94	80 - 120
Iron	0.500	0.4728		mg/L		95	80 - 120
Lead	0.100	0.09426		mg/L		94	80 - 120
Molybdenum	0.100	0.1017		mg/L		102	80 - 120
Selenium	0.100	0.09307		mg/L		93	80 - 120
Thallium	0.100	0.09399		mg/L		94	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-299619/1-G
Matrix: Water
Analysis Batch: 300415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300175

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/27/26 23:37	1

Lab Sample ID: MB 860-300175/10-A
Matrix: Water
Analysis Batch: 300415

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 300175

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		02/27/26 15:39	02/27/26 23:26	1

Lab Sample ID: LCS 860-300175/11-A
Matrix: Water
Analysis Batch: 300415

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 300175

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001991		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-300175/12-A
Matrix: Water
Analysis Batch: 300415

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 300175

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.002021		mg/L		101	80 - 120	1	20

Lab Sample ID: MB 860-301004/10-A
Matrix: Water
Analysis Batch: 301193

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 301004

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		03/03/26 12:34	03/03/26 20:36	1

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LCS 860-301004/11-A
Matrix: Water
Analysis Batch: 301193
Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 301004

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001786		mg/L		89	80 - 120		

Lab Sample ID: LCSD 860-301004/12-A
Matrix: Water
Analysis Batch: 301193
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 301004

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001904		mg/L		95	80 - 120	6	20

Lab Sample ID: 870-44097-3 MS
Matrix: Water
Analysis Batch: 301193
Client Sample ID: SSP MW-2D
Prep Type: Dissolved
Prep Batch: 301004

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.0000706	U	0.00200	0.002065		mg/L		103	75 - 125		

Lab Sample ID: 870-44097-3 MSD
Matrix: Water
Analysis Batch: 301193
Client Sample ID: SSP MW-2D
Prep Type: Dissolved
Prep Batch: 301004

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.0000706	U	0.00200	0.002092		mg/L		105	75 - 125	1	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-301251/3
Matrix: Water
Analysis Batch: 301251
Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			03/03/26 13:14	1

Lab Sample ID: LCS 860-301251/6
Matrix: Water
Analysis Batch: 301251
Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	246.9		mg/L		99	85 - 115		

Lab Sample ID: LCSD 860-301251/7
Matrix: Water
Analysis Batch: 301251
Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	247.8		mg/L		99	85 - 115	0	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LLCS 860-301251/5
Matrix: Water
Analysis Batch: 301251

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

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			4.00	<4.00	U	mg/L		66	50 - 150		

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

Lab Sample ID: MB 870-36047/1
Matrix: Water
Analysis Batch: 36047

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	<2.50	U	2.50	2.50	mg/L			02/25/26 12:07	1

Lab Sample ID: LCS 870-36047/2
Matrix: Water
Analysis Batch: 36047

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			1000	947.0		mg/L		95	80 - 120		

Lab Sample ID: LCSD 870-36047/3
Matrix: Water
Analysis Batch: 36047

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1011		mg/L		101	80 - 120	7	10

Lab Sample ID: 870-44097-6 DU
Matrix: Water
Analysis Batch: 36047

Client Sample ID: FD-3
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	4700			4572		mg/L				3	10

Lab Sample ID: 870-44097-7 DU
Matrix: Water
Analysis Batch: 36047

Client Sample ID: SSP MW-5S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	4980			5036		mg/L				1	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-758770/1-A
Matrix: Water
Analysis Batch: 761980

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758770

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.33		19.9	20.1	50.0	23.4	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Radium-228	-10.82	U G	35.0	35.0	50.0	62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1
Combined Radium 226 + 228	14.52	U	40.3	40.4		62.1	pCi/L	02/25/26 13:59	03/18/26 09:08	1

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: LCS 160-758770/2-A
Matrix: Water
Analysis Batch: 761983

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758770

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	148100		15200		515	pCi/L	104	75 - 125
Cesium-137	37300	36810		3610		234	pCi/L	99	75 - 125
Cobalt-60	48300	47520		4640		154	pCi/L	98	75 - 125

Lab Sample ID: MB 160-758959/1-A
Matrix: Water
Analysis Batch: 762148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 758959

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	21.78	U	20.9	21.0	50.0	29.7	pCi/L	02/26/26 10:32	03/19/26 09:04	1
Radium-228	-26.76	U G	33.4	33.5	50.0	62.1	pCi/L	02/26/26 10:32	03/19/26 09:04	1
Combined Radium 226 + 228	-4.980	U	39.4	39.5		62.1	pCi/L	02/26/26 10:32	03/19/26 09:04	1

Lab Sample ID: LCS 160-758959/2-A
Matrix: Water
Analysis Batch: 762150

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 758959

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	148900		15300		516	pCi/L	105	75 - 125
Cesium-137	37300	36320		3560		218	pCi/L	97	75 - 125
Cobalt-60	48300	47520		4640		152	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-759123/1-A
Matrix: Water
Analysis Batch: 762551

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 759123

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.03324	U	0.0664	0.0665	1.00	0.156	pCi/L	02/27/26 07:02	03/23/26 20:41	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.0*		*30 - 110*	*02/27/26 07:02*	*03/23/26 20:41*	*1*

Lab Sample ID: LCS 160-759123/2-A
Matrix: Water
Analysis Batch: 762551

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 759123

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	10.43		1.15	1.00	0.163	pCi/L	109	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.0*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-759125/1-A
Matrix: Water
Analysis Batch: 762034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 759125

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2795	U	0.344	0.345	1.00	0.713	pCi/L	02/27/26 07:06	03/19/26 11:53	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.0*		*30 - 110*	*02/27/26 07:06*	*03/19/26 11:53*	*1*
Y Carrier	*78.9*		*30 - 110*	*02/27/26 07:06*	*03/19/26 11:53*	*1*

Lab Sample ID: LCS 160-759125/2-A
Matrix: Water
Analysis Batch: 762034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 759125

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.32	9.421		1.36	1.00	0.665	pCi/L	101	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*82.0*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

HPLC/IC

Analysis Batch: 300515

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Total/NA	Water	9056A	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	9056A	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	9056A	
870-44097-5	SSP MW-4S	Total/NA	Water	9056A	
870-44097-6	FD-3	Total/NA	Water	9056A	
870-44097-7	SSP MW-5S	Total/NA	Water	9056A	
870-44097-7	SSP MW-5S	Total/NA	Water	9056A	
870-44097-8	SSP MW-6S	Total/NA	Water	9056A	
870-44097-8	SSP MW-6S	Total/NA	Water	9056A	
870-44097-9	SSP MW-6D	Total/NA	Water	9056A	
870-44097-9	SSP MW-6D	Total/NA	Water	9056A	
MB 860-300515/62	Method Blank	Total/NA	Water	9056A	
LCS 860-300515/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-300515/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-300515/66	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 300520

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	9056A	
870-44097-1	SSP MW-5D	Total/NA	Water	9056A	
870-44097-2	SSP MW-3D	Total/NA	Water	9056A	
870-44097-2	SSP MW-3D	Total/NA	Water	9056A	
MB 860-300520/3	Method Blank	Total/NA	Water	9056A	
MB 860-300520/62	Method Blank	Total/NA	Water	9056A	
LCS 860-300520/4	Lab Control Sample	Total/NA	Water	9056A	
LCS 860-300520/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-300520/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LCSD 860-300520/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-300520/66	Lab Control Sample	Total/NA	Water	9056A	
LLCS 860-300520/7	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 300892

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-5	SSP MW-4S	Total/NA	Water	9056A	
870-44097-8	SSP MW-6S	Total/NA	Water	9056A	
MB 860-300892/3	Method Blank	Total/NA	Water	9056A	
LCS 860-300892/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-300892/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-300892/7	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 301654

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-6	FD-3	Total/NA	Water	9056A	
MB 860-301654/3	Method Blank	Total/NA	Water	9056A	
LCS 860-301654/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-301654/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-301654/7	Lab Control Sample	Total/NA	Water	9056A	

Metals

Leach Batch: 299619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-299619/1-G	Method Blank	Total/NA	Water	1311	

Prep Batch: 299992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Total/NA	Water	3010A	
870-44097-7	SSP MW-5S	Total/NA	Water	3010A	
MB 860-299992/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 300135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	3010A	
870-44097-2	SSP MW-3D	Total/NA	Water	3010A	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	3010A	
870-44097-5	SSP MW-4S	Total/NA	Water	3010A	
870-44097-6	FD-3	Total/NA	Water	3010A	
870-44097-8	SSP MW-6S	Total/NA	Water	3010A	
870-44097-9	SSP MW-6D	Total/NA	Water	3010A	
MB 860-300135/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-300135/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-300135/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 300175

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	7470A	
870-44097-2	SSP MW-3D	Total/NA	Water	7470A	
870-44097-3	SSP MW-2D	Total/NA	Water	7470A	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	7470A	
870-44097-5	SSP MW-4S	Total/NA	Water	7470A	
870-44097-6	FD-3	Total/NA	Water	7470A	
870-44097-7	SSP MW-5S	Total/NA	Water	7470A	
870-44097-8	SSP MW-6S	Total/NA	Water	7470A	
870-44097-9	SSP MW-6D	Total/NA	Water	7470A	
LB 860-299619/1-G	Method Blank	Total/NA	Water	7470A	299619
MB 860-300175/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-300175/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-300175/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 300415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	7470A	300175
870-44097-2	SSP MW-3D	Total/NA	Water	7470A	300175
870-44097-3	SSP MW-2D	Total/NA	Water	7470A	300175
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	7470A	300175
870-44097-5	SSP MW-4S	Total/NA	Water	7470A	300175
870-44097-6	FD-3	Total/NA	Water	7470A	300175
870-44097-7	SSP MW-5S	Total/NA	Water	7470A	300175
870-44097-8	SSP MW-6S	Total/NA	Water	7470A	300175
870-44097-9	SSP MW-6D	Total/NA	Water	7470A	300175
LB 860-299619/1-G	Method Blank	Total/NA	Water	7470A	300175

Metals (Continued)

Analysis Batch: 300415 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-300175/10-A	Method Blank	Total/NA	Water	7470A	300175
LCS 860-300175/11-A	Lab Control Sample	Total/NA	Water	7470A	300175
LCSD 860-300175/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	300175

Analysis Batch: 300430

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Total/NA	Water	6020B	299992
870-44097-7	SSP MW-5S	Total/NA	Water	6020B	299992
MB 860-299992/1-A	Method Blank	Total/NA	Water	6020B	299992
LCS 860-299992/2-A	Lab Control Sample	Total/NA	Water	6020B	299992
LCSD 860-299992/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	299992

Prep Batch: 300437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	3010A	
870-44097-2	SSP MW-3D	Total/NA	Water	3010A	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	3010A	
870-44097-5	SSP MW-4S	Total/NA	Water	3010A	
870-44097-6	FD-3	Total/NA	Water	3010A	
870-44097-8	SSP MW-6S	Total/NA	Water	3010A	
870-44097-9	SSP MW-6D	Total/NA	Water	3010A	
MB 860-300437/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-300437/2-A	Lab Control Sample	Total/NA	Water	3010A	

Prep Batch: 300509

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Total/NA	Water	3010A	
870-44097-7	SSP MW-5S	Total/NA	Water	3010A	
MB 860-300509/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-300509/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-300509/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 300666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Total/NA	Water	6020B	299992
870-44097-7	SSP MW-5S	Total/NA	Water	6020B	299992

Analysis Batch: 300874

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	6010D	300135
870-44097-1	SSP MW-5D	Total/NA	Water	6010D	300135
870-44097-2	SSP MW-3D	Total/NA	Water	6010D	300135
870-44097-2	SSP MW-3D	Total/NA	Water	6010D	300135
870-44097-3	SSP MW-2D	Total/NA	Water	6010D	300509
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	6010D	300135
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	6010D	300135
870-44097-5	SSP MW-4S	Total/NA	Water	6010D	300135
870-44097-5	SSP MW-4S	Total/NA	Water	6010D	300135
870-44097-6	FD-3	Total/NA	Water	6010D	300135
870-44097-6	FD-3	Total/NA	Water	6010D	300135
870-44097-7	SSP MW-5S	Total/NA	Water	6010D	300509

Metals (Continued)

Analysis Batch: 300874 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-8	SSP MW-6S	Total/NA	Water	6010D	300135
870-44097-8	SSP MW-6S	Total/NA	Water	6010D	300135
870-44097-9	SSP MW-6D	Total/NA	Water	6010D	300135
870-44097-9	SSP MW-6D	Total/NA	Water	6010D	300135
MB 860-300135/1-A	Method Blank	Total/NA	Water	6010D	300135
MB 860-300509/1-A	Method Blank	Total/NA	Water	6010D	300509
LCS 860-300135/2-A	Lab Control Sample	Total/NA	Water	6010D	300135
LCS 860-300509/2-A	Lab Control Sample	Total/NA	Water	6010D	300509
LCSD 860-300135/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	300135
LCSD 860-300509/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	300509

Analysis Batch: 300879

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Total/NA	Water	6010D	300509
870-44097-7	SSP MW-5S	Total/NA	Water	6010D	300509
MB 860-300509/1-A	Method Blank	Total/NA	Water	6010D	300509
LCS 860-300509/2-A	Lab Control Sample	Total/NA	Water	6010D	300509
LCSD 860-300509/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	300509

Prep Batch: 301004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Dissolved	Water	7470A	
MB 860-301004/10-A	Method Blank	Total/NA	Water	7470A	
LCS 860-301004/11-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-301004/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	
870-44097-3 MS	SSP MW-2D	Dissolved	Water	7470A	
870-44097-3 MSD	SSP MW-2D	Dissolved	Water	7470A	

Analysis Batch: 301044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	6020B	300437
870-44097-2	SSP MW-3D	Total/NA	Water	6020B	300437
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	6020B	300437
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	6020B	300437
870-44097-5	SSP MW-4S	Total/NA	Water	6020B	300437
870-44097-5	SSP MW-4S	Total/NA	Water	6020B	300437
870-44097-6	FD-3	Total/NA	Water	6020B	300437
870-44097-6	FD-3	Total/NA	Water	6020B	300437
870-44097-8	SSP MW-6S	Total/NA	Water	6020B	300437
870-44097-9	SSP MW-6D	Total/NA	Water	6020B	300437
MB 860-300437/1-A	Method Blank	Total/NA	Water	6020B	300437
LCS 860-300437/2-A	Lab Control Sample	Total/NA	Water	6020B	300437

Analysis Batch: 301193

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Dissolved	Water	7470A	301004
MB 860-301004/10-A	Method Blank	Total/NA	Water	7470A	301004
LCS 860-301004/11-A	Lab Control Sample	Total/NA	Water	7470A	301004
LCSD 860-301004/12-A	Lab Control Sample Dup	Total/NA	Water	7470A	301004
870-44097-3 MS	SSP MW-2D	Dissolved	Water	7470A	301004
870-44097-3 MSD	SSP MW-2D	Dissolved	Water	7470A	301004

Metals

Analysis Batch: 301396

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-2	SSP MW-3D	Total/NA	Water	6020B	300437

Prep Batch: 302034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Dissolved	Water	3010A	
MB 860-302034/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-302034/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-302034/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	
870-44097-3 MS	SSP MW-2D	Dissolved	Water	3010A	
870-44097-3 MSD	SSP MW-2D	Dissolved	Water	3010A	

Analysis Batch: 302250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Dissolved	Water	6010D	302034
870-44097-3	SSP MW-2D	Dissolved	Water	6010D	302034
870-44097-3	SSP MW-2D	Dissolved	Water	6010D	302034
MB 860-302034/1-A	Method Blank	Total/NA	Water	6010D	302034
LCS 860-302034/2-A	Lab Control Sample	Total/NA	Water	6010D	302034
LCSD 860-302034/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	302034
870-44097-3 MS	SSP MW-2D	Dissolved	Water	6010D	302034
870-44097-3 MSD	SSP MW-2D	Dissolved	Water	6010D	302034

General Chemistry

Analysis Batch: 36031

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-44097-2	SSP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-44097-3	SSP MW-2D	Total/NA	Water	SM 4500 H+ B	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	SM 4500 H+ B	
870-44097-5	SSP MW-4S	Total/NA	Water	SM 4500 H+ B	
870-44097-6	FD-3	Total/NA	Water	SM 4500 H+ B	
870-44097-7	SSP MW-5S	Total/NA	Water	SM 4500 H+ B	
870-44097-8	SSP MW-6S	Total/NA	Water	SM 4500 H+ B	
870-44097-9	SSP MW-6D	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 36047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	SM 2540C	
870-44097-2	SSP MW-3D	Total/NA	Water	SM 2540C	
870-44097-3	SSP MW-2D	Total/NA	Water	SM 2540C	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	SM 2540C	
870-44097-5	SSP MW-4S	Total/NA	Water	SM 2540C	
870-44097-6	FD-3	Total/NA	Water	SM 2540C	
870-44097-7	SSP MW-5S	Total/NA	Water	SM 2540C	
870-44097-8	SSP MW-6S	Total/NA	Water	SM 2540C	
870-44097-9	SSP MW-6D	Total/NA	Water	SM 2540C	
MB 870-36047/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-36047/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-36047/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-44097-6 DU	FD-3	Total/NA	Water	SM 2540C	

General Chemistry (Continued)

Analysis Batch: 36047 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-7 DU	SSP MW-5S	Total/NA	Water	SM 2540C	

Analysis Batch: 301251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	SM 2320B	
870-44097-2	SSP MW-3D	Total/NA	Water	SM 2320B	
870-44097-3	SSP MW-2D	Total/NA	Water	SM 2320B	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	SM 2320B	
870-44097-5	SSP MW-4S	Total/NA	Water	SM 2320B	
870-44097-6	FD-3	Total/NA	Water	SM 2320B	
870-44097-7	SSP MW-5S	Total/NA	Water	SM 2320B	
870-44097-8	SSP MW-6S	Total/NA	Water	SM 2320B	
870-44097-9	SSP MW-6D	Total/NA	Water	SM 2320B	
MB 860-301251/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-301251/6	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-301251/7	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-301251/5	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 758770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	Fill_Geo-21	
870-44097-2	SSP MW-3D	Total/NA	Water	Fill_Geo-21	
MB 160-758770/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758770/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 758959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-3	SSP MW-2D	Total/NA	Water	Fill_Geo-21	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	Fill_Geo-21	
870-44097-5	SSP MW-4S	Total/NA	Water	Fill_Geo-21	
870-44097-6	FD-3	Total/NA	Water	Fill_Geo-21	
870-44097-7	SSP MW-5S	Total/NA	Water	Fill_Geo-21	
870-44097-8	SSP MW-6S	Total/NA	Water	Fill_Geo-21	
870-44097-9	SSP MW-6D	Total/NA	Water	Fill_Geo-21	
MB 160-758959/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-758959/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 759123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	PrecSep-21	
870-44097-2	SSP MW-3D	Total/NA	Water	PrecSep-21	
870-44097-3	SSP MW-2D	Total/NA	Water	PrecSep-21	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	PrecSep-21	
870-44097-5	SSP MW-4S	Total/NA	Water	PrecSep-21	
870-44097-6	FD-3	Total/NA	Water	PrecSep-21	
870-44097-7	SSP MW-5S	Total/NA	Water	PrecSep-21	
870-44097-8	SSP MW-6S	Total/NA	Water	PrecSep-21	
870-44097-9	SSP MW-6D	Total/NA	Water	PrecSep-21	
MB 160-759123/1-A	Method Blank	Total/NA	Water	PrecSep-21	

Rad (Continued)

Prep Batch: 759123 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 160-759123/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 759125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-44097-1	SSP MW-5D	Total/NA	Water	PrecSep_0	
870-44097-2	SSP MW-3D	Total/NA	Water	PrecSep_0	
870-44097-3	SSP MW-2D	Total/NA	Water	PrecSep_0	
870-44097-4	SFL MNW-1S (Contingency)	Total/NA	Water	PrecSep_0	
870-44097-5	SSP MW-4S	Total/NA	Water	PrecSep_0	
870-44097-6	FD-3	Total/NA	Water	PrecSep_0	
870-44097-7	SSP MW-5S	Total/NA	Water	PrecSep_0	
870-44097-8	SSP MW-6S	Total/NA	Water	PrecSep_0	
870-44097-9	SSP MW-6D	Total/NA	Water	PrecSep_0	
MB 160-759125/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-759125/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SSP MW-5D
Lab Sample ID: 870-44097-1
Date Collected: 02/19/26 09:00
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/03/26 14:02	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/03/26 14:11	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		1			300874	03/02/26 14:37	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 14:42	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 06:10	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 00:48	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 16:34	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36047	02/25/26 12:07	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761978	03/18/26 13:16	CAH	EET SL
Total/NA	Prep	PrecSep-21			1007.23 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 07:57	SWS	EET SL
Total/NA	Prep	PrecSep_0			1007.23 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762034	03/19/26 12:01	SWS	EET SL

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-44097-2
Date Collected: 02/19/26 11:45
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300520	03/03/26 14:20	RJD	EET HOU
Total/NA	Analysis	9056A		10			300520	03/03/26 14:29	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		1			300874	03/02/26 14:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 15:00	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 06:43	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301396	03/03/26 17:22	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 00:51	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 15:46	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36047	02/25/26 12:07	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758770	02/25/26 13:59	SAC	EET SL
Total/NA	Analysis	901.1		1			761980	03/18/26 14:55	ASA	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-44097-2
Date Collected: 02/19/26 11:45
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1003.76 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 07:57	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.76 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762034	03/19/26 12:01	SWS	EET SL

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-44097-3
Date Collected: 02/19/26 13:35
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			300515	03/02/26 20:57	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	302034	03/06/26 07:30	AGR	EET HOU
Dissolved	Analysis	6010D		1			302250	03/06/26 16:18	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	302034	03/06/26 07:30	AGR	EET HOU
Dissolved	Analysis	6010D		5			302250	03/06/26 16:20	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	302034	03/06/26 07:30	AGR	EET HOU
Dissolved	Analysis	6010D		50			302250	03/06/26 16:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300509	03/02/26 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 19:55	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300509	03/02/26 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			300879	03/02/26 18:29	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 10:44	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:53	DP	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	301004	03/03/26 12:34	AGR	EET HOU
Dissolved	Analysis	7470A		1			301193	03/03/26 20:46	SHZ	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 00:55	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 15:35	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36047	02/25/26 12:07	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762151	03/19/26 10:43	ASA	EET SL
Total/NA	Prep	PrecSep-21			753.69 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 07:57	SWS	EET SL
Total/NA	Prep	PrecSep_0			753.69 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762034	03/19/26 12:01	SWS	EET SL

Client Sample ID: SFL MNW-1S (Contingency)
Lab Sample ID: 870-44097-4

Date Collected: 02/19/26 08:35
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300515	03/02/26 21:09	RJD	EET HOU
Total/NA	Analysis	9056A		10			300515	03/02/26 21:14	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		1			300874	03/02/26 14:36	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 14:40	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 06:13	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		5			301044	03/03/26 06:17	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 00:58	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 16:40	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36047	02/25/26 12:07	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762051	03/19/26 10:43	ASA	EET SL
Total/NA	Prep	PrecSep-21			1005.65 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 07:57	SWS	EET SL
Total/NA	Prep	PrecSep_0			1005.65 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762034	03/19/26 12:01	SWS	EET SL

Client Sample ID: SSP MW-4S
Lab Sample ID: 870-44097-5

Date Collected: 02/19/26 10:20
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			300892	03/03/26 17:14	RJD	EET HOU
Total/NA	Analysis	9056A		1			300515	03/02/26 21:32	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		1			300874	03/02/26 14:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 14:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 06:19	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		5			301044	03/03/26 06:23	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 01:02	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 16:15	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36047	02/25/26 12:07	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL

Client Sample ID: SSP MW-4S
Lab Sample ID: 870-44097-5
Date Collected: 02/19/26 10:20
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762053	03/19/26 10:44	ASA	EET SL
Total/NA	Prep	PrecSep-21			752.73 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 07:57	SWS	EET SL
Total/NA	Prep	PrecSep_0			752.73 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762056	03/19/26 12:14	SWS	EET SL

Client Sample ID: FD-3
Lab Sample ID: 870-44097-6
Date Collected: 02/19/26 10:25
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			301654	03/05/26 17:26	RJD	EET HOU
Total/NA	Analysis	9056A		1			300515	03/02/26 21:44	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		1			300874	03/02/26 14:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 14:55	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 06:31	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		5			301044	03/03/26 06:40	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 01:05	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 15:57	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36047	02/25/26 12:07	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762148	03/19/26 13:22	ASA	EET SL
Total/NA	Prep	PrecSep-21			751.61 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 10:03	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.61 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762056	03/19/26 12:14	SWS	EET SL

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-44097-7
Date Collected: 02/19/26 12:35
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300515	03/02/26 21:55	RJD	EET HOU
Total/NA	Analysis	9056A		10			300515	03/02/26 22:01	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300509	03/02/26 09:00	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 19:59	JDM	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-44097-7
Date Collected: 02/19/26 12:35
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	300509	03/02/26 09:00	MD	EET HOU
Total/NA	Analysis	6010D		1			300879	03/02/26 18:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		1			300430	02/28/26 10:47	SHZ	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	299992	02/27/26 09:17	MD	EET HOU
Total/NA	Analysis	6020B		10			300666	03/02/26 06:56	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 01:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 16:05	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36047	02/25/26 12:08	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762150	03/19/26 14:50	ASA	EET SL
Total/NA	Prep	PrecSep-21			1004.47 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 10:04	SWS	EET SL
Total/NA	Prep	PrecSep_0			1004.47 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762056	03/19/26 12:14	SWS	EET SL

Client Sample ID: SSP MW-6S
Lab Sample ID: 870-44097-8
Date Collected: 02/19/26 14:15
Matrix: Water
Date Received: 02/21/26 09:10

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			300892	03/03/26 17:54	RJD	EET HOU
Total/NA	Analysis	9056A		1			300515	03/02/26 22:07	RJD	EET HOU
Total/NA	Analysis	9056A		10			300515	03/02/26 22:13	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		1			300874	03/02/26 14:52	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 14:58	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 06:26	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 01:12	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 16:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	36047	02/25/26 12:08	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762055	03/19/26 12:53	ASA	EET SL
Total/NA	Prep	PrecSep-21			1005.89 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762823	03/24/26 10:04	SWS	EET SL
Total/NA	Prep	PrecSep_0			1005.89 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762056	03/19/26 12:14	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SSP MW-6D
Date Collected: 02/19/26 15:25
Date Received: 02/21/26 09:10

Lab Sample ID: 870-44097-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			300515	03/02/26 22:19	RJD	EET HOU
Total/NA	Analysis	9056A		10			300515	03/02/26 22:25	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		1			300874	03/02/26 14:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300135	02/27/26 13:58	MD	EET HOU
Total/NA	Analysis	6010D		50			300874	03/02/26 14:57	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	300437	03/01/26 12:30	MD	EET HOU
Total/NA	Analysis	6020B		1			301044	03/03/26 06:29	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	300175	02/27/26 15:39	AGR	EET HOU
Total/NA	Analysis	7470A		1			300415	02/28/26 01:15	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			301251	03/03/26 15:51	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	36047	02/25/26 12:48	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			36031	02/24/26 14:10	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	758959	02/26/26 10:32	DC	EET SL
Total/NA	Analysis	901.1		1			762151	03/19/26 13:25	ASA	EET SL
Total/NA	Prep	PrecSep-21			1000.57 mL	1.0 g	759123	02/27/26 07:02	AMS	EET SL
Total/NA	Analysis	903.0		1			762761	03/24/26 09:53	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.57 mL	1.0 g	759125	02/27/26 07:06	AMS	EET SL
Total/NA	Analysis	904.0		1			762056	03/19/26 12:14	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-44097-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-44097-1	SSP MW-5D	Water	02/19/26 09:00	02/21/26 09:10	Texas
870-44097-2	SSP MW-3D	Water	02/19/26 11:45	02/21/26 09:10	Texas
870-44097-3	SSP MW-2D	Water	02/19/26 13:35	02/21/26 09:10	Texas
870-44097-4	SFL MNW-1S (Contingency)	Water	02/19/26 08:35	02/21/26 09:10	Texas
870-44097-5	SSP MW-4S	Water	02/19/26 10:20	02/21/26 09:10	Texas
870-44097-6	FD-3	Water	02/19/26 10:25	02/21/26 09:10	Texas
870-44097-7	SSP MW-5S	Water	02/19/26 12:35	02/21/26 09:10	Texas
870-44097-8	SSP MW-6S	Water	02/19/26 14:15	02/21/26 09:10	Texas
870-44097-9	SSP MW-6D	Water	02/19/26 15:25	02/21/26 09:10	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

3/26/2026

Client Information	Sampler: W.R CULLEN	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #: 870 - 44097
Address: 17111 Preston Road Suite 200	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(C Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GC SES	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of	Special Instructions/Note:
Preservation Codes:							D	D	N	N	N	D	D	N	N		
SSP MW-5D	2/18/26	0900	G	W			X	X	X	X	X	X		X	X	6	
SSP MW-3D	2/19/26	1145	G	W			X	X	X	X	X	X		X	X	6	
SSP MW-2D	2/19/26	1335	G	W	Y		X	X	X	X	X	X	X	X	X	7	
SFL MNW-1 (contingency)	2/19/26	0835	G	W			X	X	X	X	X	X		X	X	6	
SSP MW-4S	2/19/26	1020	G	W			X	X	X	X	X	X		X	X	6	
FD-3	2/19/26	1025	G	W			X	X	X	X	X	X		X	X	6	
SSP MW-5S	2/19/26	1235	G	W			X	X	X	X	X	X		X	X	6	
SSP MW-6S	2/19/26	1415	G	W			X	X	X	X	X	X		X	X	6	
SSP MW-6D	2/19/26	1525	G	W			X	X	X	X	X	X		X	X	6	

870-44097 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: W.R Cullen	Date/Time: 2/20/2026 1500	Company	Received by:	Date/Time: 2/21/26 9:10	Company
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: THM-043 C/F 0.0 2.8/2.8, +1.6 | +1.8 | 1.8

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9972.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-44097-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 3/24/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SSP MW-5D (870-44097-1)	2/19/26	09:00 Central	G	Water			X	X	X	2	
SSP MW-3D (870-44097-2)	2/19/26	11:45 Central	G	Water			X	X	X	2	
SSP MW-2D (870-44097-3)	2/19/26	13:35 Central	G	Water			X	X	X	2	
SFL MNW-1S (Contingency) (870-44097-4)	2/19/26	08:35 Central	G	Water			X	X	X	2	
SSP MW-4S (870-44097-5)	2/19/26	10:20 Central	G	Water			X	X	X	2	
FD-3 (870-44097-6)	2/19/26	10:25 Central	G	Water			X	X	X	2	
SSP MW-5S (870-44097-7)	2/19/26	12:35 Central	G	Water			X	X	X	2	
SSP MW-6S (870-44097-8)	2/19/26	14:15 Central	G	Water			X	X	X	2	
SSP MW-6D (870-44097-9)	2/19/26	15:25 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time: 02/23/26-1700	Company	Received by: FEDEX Cheyenne Forrest FEB 23 2026	Date/Time: 0925 FEB 24 2026	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:

Ver: 10/10/2024

3/26/2026

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-9978.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-44097 1
Address: 4145 Greenbriar Dr	Due Date Requested: 2/27/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SSP MW-5D (870-44097 1)	2/19/26	09:00 Central	G	Water			X	X	X	X	X			3	
SSP MW-3D (870-44097-2)	2/19/26	11:45 Central	G	Water			X	X	X	X	X			3	
SSP MW-2D (870-44097-3)	2/19/26	13:35 Central	G	Water			X	X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg
SFL MNW-1S (Contingency) (870-44097-4)	2/19/26	08:35 Central	G	Water			X	X	X	X	X			3	
SSP MW-4S (870-44097-5)	2/19/26	10:20 Central	G	Water			X	X	X	X	X			3	
FD-3 (870-44097-6)	2/19/26	10:25 Central	G	Water			X	X	X	X	X			3	
SSP MW-5S (870-44097-7)	2/19/26	12:35 Central	G	Water			X	X	X	X	X			3	
SSP MW-6S (870-44097-8)	2/19/26	14.15 Central	G	Water			X	X	X	X	X			3	
SSP MW-6D (870-44097-9)	2/19/26	15:25 Central	G	Water			X	X	X	X	X			3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time: TPX	Method of Shipment:				
Relinquished by:	Date/Time:	Company	Received by: DS FEB 23 2026	Date/Time: 2/24	Company
Relinquished by:	Date/Time: 02/23/26 1700	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Hw368 22

Ver 10/10/2024

3/26/2026

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44097-1
SDG Number:

Login Number: 44097
List Number: 1
Creator: Gondwe, Emily A

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	Sample SFL-MNW-1S IDs on containers do not match the COC. Logged in per bottle.
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44097-1
SDG Number:

Login Number: 44097
List Number: 2
Creator: Silva, Daniel

List Source: Eurofins Houston
List Creation: 02/24/26 09:01 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-44097-1
SDG Number:

Login Number: 44097
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 02/24/26 11:25 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

March & April 2026 Event

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 4/30/2026 11:25:11 AM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-45383-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

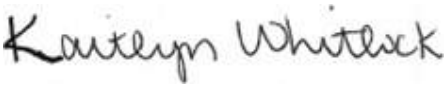
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
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(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 7
Tracer Carrier Summary 16
QC Sample Results 17
QC Association Summary 27
Lab Chronicle 32
Certification Summary 36
Method Summary 37
Sample Summary 38
Chain of Custody 39
Receipt Checklists 42

Definitions/Glossary

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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

Job Narrative
870-45383-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/1/2026 8:43 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 0.6°C and 0.6°C.

HPLC/IC
Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-311437 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.

Method 9056A: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-311437 could not be evaluated for accuracy and precision. The associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) met acceptance criteria.

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

Metals
Method 6010D: The method blank for preparation batch 860-311932 and analytical batch 860-312665 contained Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: SFL MW-15D (870-45383-4), SFL MW-3D (870-45383-5) and SFL MW-7S (870-45383-6). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: Samples SFL MW-8S (870-45383-1), SFL MW-8D (870-45383-2), FD-1 (870-45383-3), SFL MW-15D (870-45383-4), SFL MW-3D (870-45383-5) and SFL MW-7S (870-45383-6)

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

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-45383-1

Date Collected: 03/30/26 10:50
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1330		5.00	2.50	mg/L			04/07/26 16:47	10
Fluoride	0.841		0.500	0.100	mg/L			04/07/26 16:37	1
Sulfate	1710		5.00	2.00	mg/L			04/07/26 16:47	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	18.4		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 18:34	1
Calcium	514		0.200	0.102	mg/L		04/08/26 13:30	04/09/26 18:34	1
Magnesium	123		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 18:34	1
Potassium	30.4		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 18:34	1
Sodium	675	B	2.50	0.759	mg/L		04/08/26 13:30	04/09/26 18:36	5
Lithium	0.530		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 18:34	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9.28		0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:25	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:25	1
Arsenic	0.00842		0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:25	1
Barium	0.0249		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:25	1
Beryllium	0.0446		0.00200	0.000271	mg/L		04/09/26 10:30	04/10/26 13:00	1
Cadmium	0.00792		0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:25	1
Chromium	0.000686	J	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:25	1
Cobalt	0.127		0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:25	1
Iron	21.8		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:25	1
Lead	0.0302		0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:25	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:25	1
Selenium	0.0701		0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:25	1
Thallium	0.00303		0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:25	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/06/26 14:04	1
Total Dissolved Solids (SM 2540C)	4630		20.0	20.0	mg/L			04/01/26 15:53	1
pH (SM 4500 H+ B)	3.4	HF			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	17.6	HF			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	37.3		23.3	23.6	50.0	22.4	pCi/L	04/02/26 16:04	04/24/26 08:21	1
Radium-228	-8.09	U G	35.4	35.4	50.0	61.9	pCi/L	04/02/26 16:04	04/24/26 08:21	1
Combined Radium 226 + 228	29.2	U	42.4	42.5		61.9	pCi/L	04/02/26 16:04	04/24/26 08:21	1

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-45383-1
Date Collected: 03/30/26 10:50
Matrix: Water
Date Received: 04/01/26 08:43

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.671**		0.161	0.172	1.00	0.133	pCi/L	04/03/26 12:11	04/27/26 10:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.96**		0.722	0.809	1.00	0.629	pCi/L	04/03/26 12:13	04/17/26 14:35	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.7*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:35*	*1*
Y Carrier	*81.5*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:35*	*1*

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-45383-2
Date Collected: 03/30/26 12:00
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**376**		0.500	0.250	mg/L			04/07/26 19:37	1
Fluoride	<0.100	U F1 F2	0.500	0.100	mg/L			04/07/26 19:37	1
Sulfate	**615**		5.00	2.00	mg/L			04/07/26 19:47	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.518**		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 18:43	1
Calcium	**155**		0.200	0.102	mg/L		04/08/26 13:30	04/09/26 18:43	1
Magnesium	**29.3**		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 18:43	1
Potassium	**27.1**		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 18:43	1
Sodium	**356**	**B**	2.50	0.759	mg/L		04/08/26 13:30	04/09/26 18:45	5
Lithium	**0.240**		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 18:43	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00765**	**J**	0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:28	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:28	1
Arsenic	**0.00127**	**J**	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:28	1
Barium	**0.0345**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:28	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 10:30	04/10/26 13:03	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:28	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:28	1
Cobalt	**0.000837**	**J**	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:28	1
Iron	**1.16**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:28	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:28	1
Molybdenum	**0.000941**	**J**	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:28	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:28	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:28	1

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-45383-2
Date Collected: 03/30/26 12:00
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	128		4.00	4.00	mg/L			04/06/26 15:47	1
Total Dissolved Solids (SM 2540C)	1690		10.0	10.0	mg/L			04/01/26 15:53	1
pH (SM 4500 H+ B)	6.5	HF			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	18.5	HF			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	57.1		31.2	31.7	50.0	35.9	pCi/L	04/02/26 16:04	04/24/26 08:22	1
Radium-228	34.0	U G	33.1	33.2	50.0	73.5	pCi/L	04/02/26 16:04	04/24/26 08:22	1
Combined Radium 226 + 228	91.1		45.5	45.9		73.5	pCi/L	04/02/26 16:04	04/24/26 08:22	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.491		0.150	0.156	1.00	0.145	pCi/L	04/03/26 12:11	04/27/26 10:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.5*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.01		0.485	0.494	1.00	0.648	pCi/L	04/03/26 12:13	04/17/26 14:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*72.5*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*
Y Carrier	*81.9*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*

Client Sample ID: FD-1
Lab Sample ID: 870-45383-3
Date Collected: 03/30/26 12:05
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	431		0.500	0.250	mg/L			04/07/26 20:42	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 20:42	1
Sulfate	721		5.00	2.00	mg/L			04/07/26 20:51	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.519		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 18:48	1
Calcium	157		0.200	0.102	mg/L		04/08/26 13:30	04/09/26 18:48	1
Magnesium	29.7		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 18:48	1

Client Sample ID: FD-1
Lab Sample ID: 870-45383-3

Date Collected: 03/30/26 12:05
Matrix: Water

Date Received: 04/01/26 08:43

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**27.4**		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 18:48	1
Sodium	**360**	**B**	2.50	0.759	mg/L		04/08/26 13:30	04/09/26 18:50	5
Lithium	**0.246**		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 18:48	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:30	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:30	1
Arsenic	**0.00120**	**J**	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:30	1
Barium	**0.0341**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:30	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 10:30	04/10/26 13:05	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:30	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:30	1
Cobalt	**0.000793**	**J**	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:30	1
Iron	**1.14**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:30	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:30	1
Molybdenum	**0.000784**	**J**	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:30	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:30	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:30	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**127**		4.00	4.00	mg/L			04/06/26 14:07	1
Total Dissolved Solids (SM 2540C)	**1950**		10.0	10.0	mg/L			04/01/26 15:53	1
pH (SM 4500 H+ B)	**6.6**	**HF**			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	**20.2**	**HF**			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**32.0**		15.4	15.8	50.0	20.3	pCi/L	04/02/26 16:04	04/24/26 08:22	1
Radium-228	-5.62	U G	31.0	31.0	50.0	51.9	pCi/L	04/02/26 16:04	04/24/26 08:22	1
Combined Radium 226 + 228	26.4	U	34.6	34.8		51.9	pCi/L	04/02/26 16:04	04/24/26 08:22	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.343**		0.124	0.128	1.00	0.133	pCi/L	04/03/26 12:11	04/27/26 10:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:54*	*1*

Client Sample ID: FD-1
Lab Sample ID: 870-45383-3
Date Collected: 03/30/26 12:05
Matrix: Water
Date Received: 04/01/26 08:43

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.636	U	0.495	0.498	1.00	0.770	pCi/L	04/03/26 12:13	04/17/26 14:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*
Y Carrier	*81.5*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*

Client Sample ID: SFL MW-15D
Lab Sample ID: 870-45383-4
Date Collected: 03/30/26 14:20
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**904**		5.00	2.50	mg/L			04/07/26 19:07	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 18:57	1
Sulfate	**1160**		5.00	2.00	mg/L			04/07/26 19:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.376**		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 18:54	1
Calcium	**316**		0.200	0.102	mg/L		04/08/26 13:30	04/09/26 18:54	1
Magnesium	**50.7**		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 18:54	1
Potassium	**43.8**		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 18:54	1
Sodium	**627**	**B**	5.00	1.52	mg/L		04/08/26 13:30	04/09/26 18:56	10
Lithium	**0.395**		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 18:54	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0398**		0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:32	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:32	1
Arsenic	**0.000699**	**J**	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:32	1
Barium	**0.0369**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:32	1
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		04/09/26 10:30	04/10/26 13:09	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:32	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:32	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:32	1
Iron	**1.12**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:32	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:32	1
Molybdenum	**0.000396**	**J**	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:32	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:32	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:32	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:15	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**100**		4.00	4.00	mg/L			04/06/26 14:12	1
Total Dissolved Solids (SM 2540C)	**3010**		20.0	20.0	mg/L			04/02/26 13:43	1

Client Sample ID: SFL MW-15D
Lab Sample ID: 870-45383-4
Date Collected: 03/30/26 14:20
Matrix: Water
Date Received: 04/01/26 08:43

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	6.3	HF			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	24.7	HF			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	19.7	U	22.2	22.3	50.0	33.4	pCi/L	04/02/26 16:04	04/24/26 08:22	1
Radium-228	17.6	U	27.3	27.3	50.0	43.1	pCi/L	04/02/26 16:04	04/24/26 08:22	1
Combined Radium 226 + 228	37.4	U	35.2	35.3		43.1	pCi/L	04/02/26 16:04	04/24/26 08:22	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.398		0.133	0.138	1.00	0.139	pCi/L	04/03/26 12:11	04/27/26 10:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.2*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.96		0.597	0.623	1.00	0.691	pCi/L	04/03/26 12:13	04/17/26 14:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.2*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*
Y Carrier	*78.5*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-45383-5
Date Collected: 03/30/26 15:40
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1710		5.00	2.50	mg/L			04/07/26 17:07	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 16:57	1
Sulfate	744		5.00	2.00	mg/L			04/07/26 17:07	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.853		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 18:57	1
Calcium	363		0.200	0.102	mg/L		04/08/26 13:30	04/09/26 18:57	1
Magnesium	53.4		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 18:57	1
Potassium	47.5		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 18:57	1
Sodium	858	B	5.00	1.52	mg/L		04/08/26 13:30	04/09/26 19:00	10
Lithium	0.532		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 18:57	1

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-45383-5

Date Collected: 03/30/26 15:40
Matrix: Water

Date Received: 04/01/26 08:43

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/08/26 13:25	04/10/26 15:13	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/08/26 13:25	04/10/26 15:13	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/08/26 13:25	04/10/26 15:13	1
Barium	**0.0313**		0.0100	0.00125	mg/L		04/08/26 13:25	04/10/26 15:13	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/08/26 13:25	04/10/26 15:13	1
Boron	**0.856**		0.0500	0.0162	mg/L		04/08/26 13:25	04/10/26 15:13	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/08/26 13:25	04/10/26 15:13	1
Calcium	**369**		0.200	0.102	mg/L		04/08/26 13:25	04/10/26 15:13	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/08/26 13:25	04/10/26 15:13	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/08/26 13:25	04/10/26 15:13	1
Iron	**1.82**		0.200	0.0283	mg/L		04/08/26 13:25	04/10/26 15:13	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/08/26 13:25	04/10/26 15:13	1
Magnesium	**53.3**		0.200	0.0445	mg/L		04/08/26 13:25	04/10/26 15:13	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/08/26 13:25	04/10/26 15:13	1
Potassium	**47.1**		0.500	0.106	mg/L		04/08/26 13:25	04/10/26 15:13	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/08/26 13:25	04/10/26 15:13	1
Sodium	**871**		5.00	1.52	mg/L		04/08/26 13:25	04/10/26 15:15	10
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/08/26 13:25	04/10/26 15:13	1
Li	**0.520**		0.0400	0.0174	mg/L		04/08/26 13:25	04/10/26 15:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.517**		0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:34	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:34	1
Arsenic	**0.00185**	**J**	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:34	1
Barium	**0.0382**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:34	1
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		04/09/26 10:30	04/10/26 13:12	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:34	1
Chromium	**0.00119**	**J**	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:34	1
Cobalt	**0.000449**	**J**	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:34	1
Iron	**2.25**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:34	1
Lead	**0.000821**	**J**	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:34	1
Molybdenum	**0.000712**	**J**	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:34	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:34	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:34	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:18	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:24	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**205**		4.00	4.00	mg/L			04/06/26 15:30	1
Total Dissolved Solids (SM 2540C)	**4020**		20.0	20.0	mg/L			04/02/26 13:43	1
pH (SM 4500 H+ B)	**6.5**	**HF**			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	**19.8**	**HF**			Celsius			04/02/26 11:23	1

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-45383-5
Date Collected: 03/30/26 15:40
Matrix: Water
Date Received: 04/01/26 08:43

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	20.3	U	17.4	17.5	50.0	24.6	pCi/L	04/02/26 16:04	04/24/26 08:23	1
Radium-228	9.92	U	26.5	26.5	50.0	43.9	pCi/L	04/02/26 16:04	04/24/26 08:23	1
Combined Radium 226 + 228	30.2	U	31.7	31.8		43.9	pCi/L	04/02/26 16:04	04/24/26 08:23	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.264**		0.173	0.174	1.00	0.235	pCi/L	04/03/26 12:11	04/27/26 10:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.84**	**G**	0.948	0.963	1.00	1.30	pCi/L	04/03/26 12:13	04/17/26 14:37	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*
Y Carrier	*75.9*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:37*	*1*

Client Sample ID: SFL MW-7S
Lab Sample ID: 870-45383-6
Date Collected: 03/30/26 15:45
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4190**		5.00	2.50	mg/L			04/07/26 18:37	10
Fluoride	<1.00	U	5.00	1.00	mg/L			04/07/26 18:37	10
Sulfate	**1470**		5.00	2.00	mg/L			04/07/26 18:37	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.799**		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 19:04	1
Calcium	**985**		1.00	0.508	mg/L		04/08/26 13:30	04/09/26 19:06	5
Magnesium	**217**		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 19:04	1
Potassium	**41.2**		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 19:04	1
Sodium	**1760**	**B**	2.50	0.759	mg/L		04/08/26 13:30	04/09/26 19:06	5
Lithium	**0.949**		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 19:04	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00625**	**J**	0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:36	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:36	1
Arsenic	**0.00121**	**J**	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:36	1
Barium	**0.0376**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:36	1
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		04/09/26 10:30	04/10/26 13:15	5

Client Sample ID: SFL MW-7S
Lab Sample ID: 870-45383-6

Date Collected: 03/30/26 15:45
Matrix: Water
Date Received: 04/01/26 08:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:36	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:36	1
Cobalt	**0.000976**	**J**	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:36	1
Iron	**0.633**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:36	1
Lead	**0.000486**	**J**	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:36	1
Molybdenum	**0.000395**	**J**	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:36	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:36	1
Thallium	**0.000778**	**J**	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:36	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**113**		4.00	4.00	mg/L			04/06/26 13:26	1
Total Dissolved Solids (SM 2540C)	**9150**		50.0	50.0	mg/L			04/02/26 13:43	1
pH (SM 4500 H+ B)	**5.8**	**HF**			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	**25.3**	**HF**			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	8.02	U	22.7	22.7	50.0	36.1	pCi/L	04/02/26 16:04	04/24/26 08:23	1
Radium-228	-8.53	U	29.4	29.4	50.0	48.9	pCi/L	04/02/26 16:04	04/24/26 08:23	1
Combined Radium 226 + 228	-0.511	U	37.1	37.1		48.9	pCi/L	04/02/26 16:04	04/24/26 08:23	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.18**		0.264	0.329	1.00	0.0925	pCi/L	04/03/26 12:11	04/27/26 10:54	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:54*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**7.12**		0.928	1.14	1.00	0.624	pCi/L	04/03/26 12:13	04/17/26 14:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.2*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:51*	*1*
Y Carrier	*80.0*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:51*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-45383-1	SFL MW-8S	82.7
870-45383-2	SFL MW-8D	72.5
870-45383-3	FD-1	78.3
870-45383-4	SFL MW-15D	79.2
870-45383-5	SFL MW-3D	78.9
870-45383-6	SFL MW-7S	83.2
LCS 160-764304/2-A	Lab Control Sample	83.5
MB 160-764304/1-A	Method Blank	82.9

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-45383-1	SFL MW-8S	82.7	81.5
870-45383-2	SFL MW-8D	72.5	81.9
870-45383-3	FD-1	78.3	81.5
870-45383-4	SFL MW-15D	79.2	78.5
870-45383-5	SFL MW-3D	78.9	75.9
870-45383-6	SFL MW-7S	83.2	80.0
LCS 160-764305/2-A	Lab Control Sample	83.5	81.9
MB 160-764305/1-A	Method Blank	82.9	80.4

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-311437/3
Matrix: Water
Analysis Batch: 311437

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 10:47	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 10:47	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 10:47	1

Lab Sample ID: LCS 860-311437/4
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.39		mg/L		104	90 - 110
Fluoride	10.0	10.06		mg/L		101	90 - 110
Sulfate	10.0	9.546		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-311437/5
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.49		mg/L		105	90 - 110	1	20
Fluoride	10.0	10.14		mg/L		101	90 - 110	1	20
Sulfate	10.0	9.473		mg/L		95	90 - 110	1	20

Lab Sample ID: 870-45383-2 MS
Matrix: Water
Analysis Batch: 311437

Client Sample ID: SFL MW-8D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	376		10.0	396.6	4	mg/L		208	90 - 110
Fluoride	<0.100	U F1 F2	10.0	14.23	F1	mg/L		142	90 - 110

Lab Sample ID: 870-45383-2 MSD
Matrix: Water
Analysis Batch: 311437

Client Sample ID: SFL MW-8D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	376		10.0	404.6	4	mg/L		289	90 - 110	2	15
Fluoride	<0.100	U F1 F2	10.0	6.798	F1 F2	mg/L		68	90 - 110	71	15

Lab Sample ID: MB 860-311439/3
Matrix: Water
Analysis Batch: 311439

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 10:10	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 10:10	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 10:10	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 860-311439/62
Matrix: Water
Analysis Batch: 311439

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 19:53	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 19:53	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 19:53	1

Lab Sample ID: LCS 860-311439/4
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.59		mg/L		106	90 - 110
Fluoride	10.0	10.09		mg/L		101	90 - 110
Sulfate	10.0	9.347		mg/L		93	90 - 110

Lab Sample ID: LCS 860-311439/63
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.49		mg/L		105	90 - 110
Fluoride	10.0	10.16		mg/L		102	90 - 110
Sulfate	10.0	9.006		mg/L		90	90 - 110

Lab Sample ID: LCSD 860-311439/5
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.36		mg/L		104	90 - 110	2	20
Fluoride	10.0	9.901		mg/L		99	90 - 110	2	20
Sulfate	10.0	9.168		mg/L		92	90 - 110	2	20

Lab Sample ID: LCSD 860-311439/64
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.49		mg/L		105	90 - 110	0	20
Fluoride	10.0	10.16		mg/L		102	90 - 110	0	20
Sulfate	10.0	9.042		mg/L		90	90 - 110	0	20

Lab Sample ID: LLCS 860-311439/66
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6600		mg/L		132	50 - 150
Fluoride	0.500	0.4444	J	mg/L		89	50 - 150
Sulfate	0.500	0.5326		mg/L		107	50 - 150

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LLCS 860-311439/7
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6506		mg/L		130	50 - 150
Fluoride	0.500	0.4197	J	mg/L		84	50 - 150
Sulfate	0.500	0.5358		mg/L		107	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-311931/1-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/08/26 13:25	04/10/26 14:25	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/08/26 13:25	04/10/26 14:25	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/08/26 13:25	04/10/26 14:25	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		04/08/26 13:25	04/10/26 14:25	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/08/26 13:25	04/10/26 14:25	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/08/26 13:25	04/10/26 14:25	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/08/26 13:25	04/10/26 14:25	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/08/26 13:25	04/10/26 14:25	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/08/26 13:25	04/10/26 14:25	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/08/26 13:25	04/10/26 14:25	1
Iron	<0.0283	U	0.200	0.0283	mg/L		04/08/26 13:25	04/10/26 14:25	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/08/26 13:25	04/10/26 14:25	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/08/26 13:25	04/10/26 14:25	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/08/26 13:25	04/10/26 14:25	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/08/26 13:25	04/10/26 14:25	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/08/26 13:25	04/10/26 14:25	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/08/26 13:25	04/10/26 14:25	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/08/26 13:25	04/10/26 14:25	1
Li	<0.0174	U	0.0400	0.0174	mg/L		04/08/26 13:25	04/10/26 14:25	1

Lab Sample ID: LCS 860-311931/2-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	5.100		mg/L		102	80 - 120
Antimony	1.00	1.080		mg/L		108	80 - 120
Arsenic	1.00	1.000		mg/L		100	80 - 120
Barium	1.00	1.080		mg/L		108	80 - 120
Beryllium	1.00	1.100		mg/L		110	80 - 120
Boron	1.00	0.9790		mg/L		98	80 - 120
Cadmium	1.00	1.000		mg/L		100	80 - 120
Calcium	25.0	25.50		mg/L		102	80 - 120
Chromium	1.00	1.040		mg/L		104	80 - 120
Cobalt	1.00	1.040		mg/L		104	80 - 120
Iron	5.00	5.460		mg/L		109	80 - 120
Lead	1.00	1.030		mg/L		103	80 - 120
Magnesium	25.0	24.40		mg/L		98	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-311931/2-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Molybdenum	1.00	1.050		mg/L		105	80 - 120
Potassium	10.0	10.20		mg/L		102	80 - 120
Selenium	1.00	0.9750		mg/L		98	80 - 120
Sodium	25.0	25.30		mg/L		101	80 - 120
Thallium	1.00	1.030		mg/L		103	80 - 120
Li	1.00	1.020		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-311931/3-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311931

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	5.000		mg/L		100	80 - 120	2	20
Antimony	1.00	1.060		mg/L		106	80 - 120	2	20
Arsenic	1.00	0.9880		mg/L		99	80 - 120	1	20
Barium	1.00	1.060		mg/L		106	80 - 120	2	20
Beryllium	1.00	1.080		mg/L		108	80 - 120	2	20
Boron	1.00	0.9670		mg/L		97	80 - 120	1	20
Cadmium	1.00	0.9850		mg/L		99	80 - 120	2	20
Calcium	25.0	25.00		mg/L		100	80 - 120	2	20
Chromium	1.00	1.020		mg/L		102	80 - 120	2	20
Cobalt	1.00	1.020		mg/L		102	80 - 120	2	20
Iron	5.00	5.360		mg/L		107	80 - 120	2	20
Lead	1.00	1.020		mg/L		102	80 - 120	1	20
Magnesium	25.0	24.10		mg/L		96	80 - 120	1	20
Molybdenum	1.00	1.040		mg/L		104	80 - 120	1	20
Potassium	10.0	9.980		mg/L		100	80 - 120	2	20
Selenium	1.00	0.9680		mg/L		97	80 - 120	1	20
Sodium	25.0	24.70		mg/L		99	80 - 120	2	20
Thallium	1.00	0.9980		mg/L		100	80 - 120	3	20
Li	1.00	0.9970		mg/L		100	80 - 120	2	20

Lab Sample ID: MB 860-311932/1-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 18:22	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/08/26 13:30	04/09/26 18:22	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 18:22	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/08/26 13:30	04/09/26 18:22	1
Sodium	0.2870	J	0.500	0.152	mg/L		04/08/26 13:30	04/09/26 18:22	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 18:22	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-311932/2-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9550		mg/L		96	80 - 120
Calcium	25.0	25.00		mg/L		100	80 - 120
Magnesium	25.0	24.50		mg/L		98	80 - 120
Potassium	10.0	10.40		mg/L		104	80 - 120
Sodium	25.0	25.50		mg/L		102	80 - 120
Lithium	1.00	0.9920		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-311932/3-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311932

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9530		mg/L		95	80 - 120	0	20
Calcium	25.0	25.00		mg/L		100	80 - 120	0	20
Magnesium	25.0	24.50		mg/L		98	80 - 120	0	20
Potassium	10.0	10.40		mg/L		104	80 - 120	0	20
Sodium	25.0	25.50		mg/L		102	80 - 120	0	20
Lithium	1.00	1.000		mg/L		100	80 - 120	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-312248/1-A
Matrix: Water
Analysis Batch: 312598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 17:46	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 17:46	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 17:46	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 17:46	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 10:30	04/09/26 17:46	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 17:46	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 17:46	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 17:46	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 17:46	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 17:46	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 17:46	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 17:46	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 17:46	1

Lab Sample ID: LCS 860-312248/2-A
Matrix: Water
Analysis Batch: 312598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4843		mg/L		97	80 - 120
Antimony	0.100	0.09816		mg/L		98	80 - 120
Arsenic	0.100	0.09479		mg/L		95	80 - 120
Barium	0.100	0.09797		mg/L		98	80 - 120

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

Lab Sample ID: LCS 860-312248/2-A
Matrix: Water
Analysis Batch: 312598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.1028		mg/L		103	80 - 120
Cadmium	0.100	0.09619		mg/L		96	80 - 120
Chromium	0.100	0.09776		mg/L		98	80 - 120
Cobalt	0.100	0.09683		mg/L		97	80 - 120
Iron	0.500	0.5051		mg/L		101	80 - 120
Lead	0.100	0.09793		mg/L		98	80 - 120
Molybdenum	0.100	0.09830		mg/L		98	80 - 120
Selenium	0.100	0.09555		mg/L		96	80 - 120
Thallium	0.100	0.09745		mg/L		97	80 - 120

Lab Sample ID: LCSD 860-312248/3-A
Matrix: Water
Analysis Batch: 312598

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312248

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4845		mg/L		97	80 - 120	0	20
Antimony	0.100	0.09831		mg/L		98	80 - 120	0	20
Arsenic	0.100	0.09475		mg/L		95	80 - 120	0	20
Barium	0.100	0.09775		mg/L		98	80 - 120	0	20
Beryllium	0.100	0.1031		mg/L		103	80 - 120	0	20
Cadmium	0.100	0.09622		mg/L		96	80 - 120	0	20
Chromium	0.100	0.09737		mg/L		97	80 - 120	0	20
Cobalt	0.100	0.09639		mg/L		96	80 - 120	0	20
Iron	0.500	0.4992		mg/L		100	80 - 120	1	20
Lead	0.100	0.09781		mg/L		98	80 - 120	0	20
Molybdenum	0.100	0.09806		mg/L		98	80 - 120	0	20
Selenium	0.100	0.09748		mg/L		97	80 - 120	2	20
Thallium	0.100	0.09794		mg/L		98	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-312514/1-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:07	04/10/26 04:57	1

Lab Sample ID: LCS 860-312514/2-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001869		mg/L		93	80 - 120

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

Lab Sample ID: LCSD 860-312514/3-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312514

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001904		mg/L		95	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-311419/3
Matrix: Water
Analysis Batch: 311419

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/06/26 11:27	1

Lab Sample ID: MB 860-311419/40
Matrix: Water
Analysis Batch: 311419

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/06/26 14:39	1

Lab Sample ID: LCS 860-311419/11
Matrix: Water
Analysis Batch: 311419

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	255.8		mg/L		102	85 - 115		

Lab Sample ID: LCS 860-311419/41
Matrix: Water
Analysis Batch: 311419

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Alkalinity			250	246.0		mg/L		98	85 - 115		

Lab Sample ID: LCSD 860-311419/12
Matrix: Water
Analysis Batch: 311419

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	249.3		mg/L		100	85 - 115	3	20

Lab Sample ID: LCSD 860-311419/42
Matrix: Water
Analysis Batch: 311419

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	254.2		mg/L		102	85 - 115	NaN	20

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LLCS 860-311419/4
Matrix: Water
Analysis Batch: 311419

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	4.347		mg/L		109	50 - 150

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

Lab Sample ID: MB 870-37190/1
Matrix: Water
Analysis Batch: 37190

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	<2.50	U	2.50	2.50	mg/L			04/01/26 15:53	1

Lab Sample ID: LCS 870-37190/2
Matrix: Water
Analysis Batch: 37190

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	1000	952.0		mg/L		95	80 - 120

Lab Sample ID: LCSD 870-37190/3
Matrix: Water
Analysis Batch: 37190

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	1022		mg/L		102	80 - 120	7	10

Lab Sample ID: 870-45383-3 DU
Matrix: Water
Analysis Batch: 37190

Client Sample ID: FD-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Total Dissolved Solids	1950		1940		mg/L		0.5	10

Lab Sample ID: MB 870-37224/1
Matrix: Water
Analysis Batch: 37224

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	<2.50	U	2.50	2.50	mg/L			04/02/26 13:43	1

Lab Sample ID: LCS 870-37224/2
Matrix: Water
Analysis Batch: 37224

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	1000	991.0		mg/L		99	80 - 120

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

Lab Sample ID: LCSD 870-37224/3
Matrix: Water
Analysis Batch: 37224

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	956.0		mg/L		96	80 - 120	4	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-764179/1-A
Matrix: Water
Analysis Batch: 767359

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764179

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	26.95		18.3	18.5	50.0	25.1	pCi/L	04/02/26 16:04	04/24/26 10:20	1
Radium-228	-9.512	U G	33.6	33.6	50.0	59.4	pCi/L	04/02/26 16:04	04/24/26 10:20	1
Combined Radium 226 + 228	17.44	U	38.3	38.4		59.4	pCi/L	04/02/26 16:04	04/24/26 10:20	1

Lab Sample ID: LCS 160-764179/2-A
Matrix: Water
Analysis Batch: 767360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764179

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	149200		15300		514	pCi/L	105	75 - 125		
Cesium-137			37200	36290		3560		233	pCi/L	98	75 - 125		
Cobalt-60			47600	46900		4580		163	pCi/L	98	75 - 125		

Lab Sample ID: 870-45383-1 DU
Matrix: Water
Analysis Batch: 767367

Client Sample ID: SFL MW-8S
Prep Type: Total/NA
Prep Batch: 764179

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	37.3			11.89	U	10.7	50.0	34.4	pCi/L			0.74	1
Radium-228	-8.09	U G		19.57	U	15.1	50.0	35.3	pCi/L			0.55	1
Combined Radium 226 + 228	29.2	U		31.47	U	18.5		35.3	pCi/L			0.04	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-764304/1-A
Matrix: Water
Analysis Batch: 767921

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764304

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01397	U	0.0560	0.0560	1.00	0.109	pCi/L	04/03/26 12:11	04/27/26 10:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:51*	*1*

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-764304/2-A
Matrix: Water
Analysis Batch: 767921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764304

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.24		1.08	1.00	0.117	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.5*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-764305/1-A
Matrix: Water
Analysis Batch: 766265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764305

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2753	U	0.301	0.302	1.00	0.647	pCi/L	04/03/26 12:13	04/17/26 14:35	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:35*	*1*
Y Carrier	*80.4*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:35*	*1*

Lab Sample ID: LCS 160-764305/2-A
Matrix: Water
Analysis Batch: 766265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764305

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.23	11.95		1.60	1.00	0.665	pCi/L	129	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.5*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

HPLC/IC

Analysis Batch: 311437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	9056A	
870-45383-1	SFL MW-8S	Total/NA	Water	9056A	
870-45383-2	SFL MW-8D	Total/NA	Water	9056A	
870-45383-2	SFL MW-8D	Total/NA	Water	9056A	
870-45383-4	SFL MW-15D	Total/NA	Water	9056A	
870-45383-4	SFL MW-15D	Total/NA	Water	9056A	
870-45383-5	SFL MW-3D	Total/NA	Water	9056A	
870-45383-5	SFL MW-3D	Total/NA	Water	9056A	
870-45383-6	SFL MW-7S	Total/NA	Water	9056A	
MB 860-311437/3	Method Blank	Total/NA	Water	9056A	
LCS 860-311437/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311437/5	Lab Control Sample Dup	Total/NA	Water	9056A	
870-45383-2 MS	SFL MW-8D	Total/NA	Water	9056A	
870-45383-2 MSD	SFL MW-8D	Total/NA	Water	9056A	

Analysis Batch: 311439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-3	FD-1	Total/NA	Water	9056A	
870-45383-3	FD-1	Total/NA	Water	9056A	
MB 860-311439/3	Method Blank	Total/NA	Water	9056A	
MB 860-311439/62	Method Blank	Total/NA	Water	9056A	
LCS 860-311439/4	Lab Control Sample	Total/NA	Water	9056A	
LCS 860-311439/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311439/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LCSD 860-311439/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-311439/66	Lab Control Sample	Total/NA	Water	9056A	
LLCS 860-311439/7	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 311931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-5	SFL MW-3D	Dissolved	Water	3010A	
MB 860-311931/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-311931/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-311931/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 311932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	3010A	
870-45383-2	SFL MW-8D	Total/NA	Water	3010A	
870-45383-3	FD-1	Total/NA	Water	3010A	
870-45383-4	SFL MW-15D	Total/NA	Water	3010A	
870-45383-5	SFL MW-3D	Total/NA	Water	3010A	
870-45383-6	SFL MW-7S	Total/NA	Water	3010A	
MB 860-311932/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-311932/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-311932/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Metals

Prep Batch: 312248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	3010A	
870-45383-2	SFL MW-8D	Total/NA	Water	3010A	
870-45383-3	FD-1	Total/NA	Water	3010A	
870-45383-4	SFL MW-15D	Total/NA	Water	3010A	
870-45383-5	SFL MW-3D	Total/NA	Water	3010A	
870-45383-6	SFL MW-7S	Total/NA	Water	3010A	
MB 860-312248/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312248/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312248/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	7470A	
870-45383-2	SFL MW-8D	Total/NA	Water	7470A	
870-45383-3	FD-1	Total/NA	Water	7470A	
870-45383-4	SFL MW-15D	Total/NA	Water	7470A	
870-45383-5	SFL MW-3D	Dissolved	Water	7470A	
870-45383-5	SFL MW-3D	Total/NA	Water	7470A	
870-45383-6	SFL MW-7S	Total/NA	Water	7470A	
MB 860-312514/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-312514/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-312514/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 312546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	7470A	312514
870-45383-2	SFL MW-8D	Total/NA	Water	7470A	312514
870-45383-3	FD-1	Total/NA	Water	7470A	312514
870-45383-4	SFL MW-15D	Total/NA	Water	7470A	312514
870-45383-5	SFL MW-3D	Dissolved	Water	7470A	312514
870-45383-5	SFL MW-3D	Total/NA	Water	7470A	312514
870-45383-6	SFL MW-7S	Total/NA	Water	7470A	312514
MB 860-312514/1-A	Method Blank	Total/NA	Water	7470A	312514
LCS 860-312514/2-A	Lab Control Sample	Total/NA	Water	7470A	312514
LCSD 860-312514/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	312514

Analysis Batch: 312598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	6020B	312248
870-45383-2	SFL MW-8D	Total/NA	Water	6020B	312248
870-45383-3	FD-1	Total/NA	Water	6020B	312248
870-45383-4	SFL MW-15D	Total/NA	Water	6020B	312248
870-45383-5	SFL MW-3D	Total/NA	Water	6020B	312248
870-45383-6	SFL MW-7S	Total/NA	Water	6020B	312248
MB 860-312248/1-A	Method Blank	Total/NA	Water	6020B	312248
LCS 860-312248/2-A	Lab Control Sample	Total/NA	Water	6020B	312248
LCSD 860-312248/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312248

Analysis Batch: 312665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	6010D	311932

Metals (Continued)

Analysis Batch: 312665 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	6010D	311932
870-45383-2	SFL MW-8D	Total/NA	Water	6010D	311932
870-45383-2	SFL MW-8D	Total/NA	Water	6010D	311932
870-45383-3	FD-1	Total/NA	Water	6010D	311932
870-45383-3	FD-1	Total/NA	Water	6010D	311932
870-45383-4	SFL MW-15D	Total/NA	Water	6010D	311932
870-45383-4	SFL MW-15D	Total/NA	Water	6010D	311932
870-45383-5	SFL MW-3D	Total/NA	Water	6010D	311932
870-45383-5	SFL MW-3D	Total/NA	Water	6010D	311932
870-45383-6	SFL MW-7S	Total/NA	Water	6010D	311932
870-45383-6	SFL MW-7S	Total/NA	Water	6010D	311932
MB 860-311932/1-A	Method Blank	Total/NA	Water	6010D	311932
LCS 860-311932/2-A	Lab Control Sample	Total/NA	Water	6010D	311932
LCSD 860-311932/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	311932

Analysis Batch: 312753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	6020B	312248
870-45383-2	SFL MW-8D	Total/NA	Water	6020B	312248
870-45383-3	FD-1	Total/NA	Water	6020B	312248
870-45383-4	SFL MW-15D	Total/NA	Water	6020B	312248
870-45383-5	SFL MW-3D	Total/NA	Water	6020B	312248
870-45383-6	SFL MW-7S	Total/NA	Water	6020B	312248

Analysis Batch: 312799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-5	SFL MW-3D	Dissolved	Water	6010D	311931
870-45383-5	SFL MW-3D	Dissolved	Water	6010D	311931
MB 860-311931/1-A	Method Blank	Total/NA	Water	6010D	311931
LCS 860-311931/2-A	Lab Control Sample	Total/NA	Water	6010D	311931
LCSD 860-311931/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	311931

General Chemistry

Analysis Batch: 37190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	SM 2540C	
870-45383-2	SFL MW-8D	Total/NA	Water	SM 2540C	
870-45383-3	FD-1	Total/NA	Water	SM 2540C	
MB 870-37190/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37190/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37190/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-45383-3 DU	FD-1	Total/NA	Water	SM 2540C	

Analysis Batch: 37210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	SM 4500 H+ B	
870-45383-2	SFL MW-8D	Total/NA	Water	SM 4500 H+ B	
870-45383-3	FD-1	Total/NA	Water	SM 4500 H+ B	
870-45383-4	SFL MW-15D	Total/NA	Water	SM 4500 H+ B	
870-45383-5	SFL MW-3D	Total/NA	Water	SM 4500 H+ B	

General Chemistry (Continued)

Analysis Batch: 37210 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-6	SFL MW-7S	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 37224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-4	SFL MW-15D	Total/NA	Water	SM 2540C	
870-45383-5	SFL MW-3D	Total/NA	Water	SM 2540C	
870-45383-6	SFL MW-7S	Total/NA	Water	SM 2540C	
MB 870-37224/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37224/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37224/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 311419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	SM 2320B	
870-45383-2	SFL MW-8D	Total/NA	Water	SM 2320B	
870-45383-3	FD-1	Total/NA	Water	SM 2320B	
870-45383-4	SFL MW-15D	Total/NA	Water	SM 2320B	
870-45383-5	SFL MW-3D	Total/NA	Water	SM 2320B	
870-45383-6	SFL MW-7S	Total/NA	Water	SM 2320B	
MB 860-311419/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-311419/40	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-311419/11	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-311419/41	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-311419/12	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-311419/42	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-311419/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 764179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	Fill_Geo-21	
870-45383-2	SFL MW-8D	Total/NA	Water	Fill_Geo-21	
870-45383-3	FD-1	Total/NA	Water	Fill_Geo-21	
870-45383-4	SFL MW-15D	Total/NA	Water	Fill_Geo-21	
870-45383-5	SFL MW-3D	Total/NA	Water	Fill_Geo-21	
870-45383-6	SFL MW-7S	Total/NA	Water	Fill_Geo-21	
MB 160-764179/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-764179/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-45383-1 DU	SFL MW-8S	Total/NA	Water	Fill_Geo-21	

Prep Batch: 764304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	PrecSep-21	
870-45383-2	SFL MW-8D	Total/NA	Water	PrecSep-21	
870-45383-3	FD-1	Total/NA	Water	PrecSep-21	
870-45383-4	SFL MW-15D	Total/NA	Water	PrecSep-21	
870-45383-5	SFL MW-3D	Total/NA	Water	PrecSep-21	
870-45383-6	SFL MW-7S	Total/NA	Water	PrecSep-21	
MB 160-764304/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-764304/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

QC Association Summary

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Rad

Prep Batch: 764305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45383-1	SFL MW-8S	Total/NA	Water	PrecSep_0	
870-45383-2	SFL MW-8D	Total/NA	Water	PrecSep_0	
870-45383-3	FD-1	Total/NA	Water	PrecSep_0	
870-45383-4	SFL MW-15D	Total/NA	Water	PrecSep_0	
870-45383-5	SFL MW-3D	Total/NA	Water	PrecSep_0	
870-45383-6	SFL MW-7S	Total/NA	Water	PrecSep_0	
MB 160-764305/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-764305/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-8S
Lab Sample ID: 870-45383-1
Date Collected: 03/30/26 10:50
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311437	04/07/26 16:37	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 16:47	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 18:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			312665	04/09/26 18:36	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312753	04/10/26 13:00	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:25	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:09	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 14:04	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37190	04/01/26 15:53	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767359	04/24/26 08:21	CAH	EET SL
Total/NA	Prep	PrecSep-21			1000.90 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:54	FLC	EET SL
Total/NA	Prep	PrecSep_0			1000.90 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766265	04/17/26 14:35	SWS	EET SL

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-45383-2
Date Collected: 03/30/26 12:00
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311437	04/07/26 19:37	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 19:47	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 18:43	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			312665	04/09/26 18:45	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312753	04/10/26 13:03	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:28	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:13	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 15:47	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	37190	04/01/26 15:53	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-8D
Lab Sample ID: 870-45383-2
Date Collected: 03/30/26 12:00
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767360	04/24/26 08:22	CAH	EET SL
Total/NA	Prep	PrecSep-21			1001.73 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:54	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.73 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766265	04/17/26 14:37	SWS	EET SL

Client Sample ID: FD-1
Lab Sample ID: 870-45383-3
Date Collected: 03/30/26 12:05
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311439	04/07/26 20:42	RJD	EET HOU
Total/NA	Analysis	9056A		10			311439	04/07/26 20:51	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 18:48	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			312665	04/09/26 18:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312753	04/10/26 13:05	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:30	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:14	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 14:07	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	37190	04/01/26 15:53	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767364	04/24/26 08:22	CAH	EET SL
Total/NA	Prep	PrecSep-21			1001.54 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:54	FLC	EET SL
Total/NA	Prep	PrecSep_0			1001.54 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766265	04/17/26 14:37	SWS	EET SL

Client Sample ID: SFL MW-15D
Lab Sample ID: 870-45383-4
Date Collected: 03/30/26 14:20
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311437	04/07/26 18:57	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 19:07	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 18:54	JDM	EET HOU

Client Sample ID: SFL MW-15D
Lab Sample ID: 870-45383-4

Date Collected: 03/30/26 14:20
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		10			312665	04/09/26 18:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:09	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:32	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:15	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 14:12	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37224	04/02/26 13:43	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767363	04/24/26 08:22	CAH	EET SL
Total/NA	Prep	PrecSep-21			1004.23 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:54	FLC	EET SL
Total/NA	Prep	PrecSep_0			1004.23 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766265	04/17/26 14:37	SWS	EET SL

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-45383-5

Date Collected: 03/30/26 15:40
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311437	04/07/26 16:57	RJD	EET HOU
Total/NA	Analysis	9056A		10			311437	04/07/26 17:07	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		1			312799	04/10/26 15:13	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		10			312799	04/10/26 15:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 18:57	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		10			312665	04/09/26 19:00	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:12	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:34	JM	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Dissolved	Analysis	7470A		1			312546	04/10/26 05:24	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:18	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 15:30	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37224	04/02/26 13:43	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-3D
Lab Sample ID: 870-45383-5
Date Collected: 03/30/26 15:40
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767367	04/24/26 08:23	CAH	EET SL
Total/NA	Prep	PrecSep-21			506.28 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:54	FLC	EET SL
Total/NA	Prep	PrecSep_0			506.28 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766265	04/17/26 14:37	SWS	EET SL

Client Sample ID: SFL MW-7S
Lab Sample ID: 870-45383-6
Date Collected: 03/30/26 15:45
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			311437	04/07/26 18:37	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 19:04	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			312665	04/09/26 19:06	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:15	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:36	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:28	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 13:26	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37224	04/02/26 13:43	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767368	04/24/26 08:23	CAH	EET SL
Total/NA	Prep	PrecSep-21			1002.60 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:54	FLC	EET SL
Total/NA	Prep	PrecSep_0			1002.60 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766360	04/17/26 14:51	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Job ID: 870-45383-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-45383-1	SFL MW-8S	Water	03/30/26 10:50	04/01/26 08:43	Texas
870-45383-2	SFL MW-8D	Water	03/30/26 12:00	04/01/26 08:43	Texas
870-45383-3	FD-1	Water	03/30/26 12:05	04/01/26 08:43	Texas
870-45383-4	SFL MW-15D	Water	03/30/26 14:20	04/01/26 08:43	Texas
870-45383-5	SFL MW-3D	Water	03/30/26 15:40	04/01/26 08:43	Texas
870-45383-6	SFL MW-7S	Water	03/30/26 15:45	04/01/26 08:43	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information	Sampler: W.R. Cullen	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
SFL MW-8S	3/30/26	1050	G	W			X	X	X	X	X	X		X	X	6	
SFL MW-8D	3/30/26	1200	G	W			X	X	X	X	X	X		X	X	6	
FD-1	3/30/26	1205	G	W			X	X	X	X	X	X		X	X	6	
SFL MW-15D	3/30/26	1420	G	W			X	X	X	X	X	X		X	X	6	
SFL MW-3D	3/30/26	1540	G	W		Y	X	X	X	X	X	X	X	X	X	7	
SFL MW-7S	3/30/26	1545	G	W			X	X	X	X	X	X		X	X	6	

870-45383 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8899 GTHO 0150,0160		
Relinquished by: W.R. Cullen	Date/Time: 3/31/26 1500	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 4/1/26 8:43	Company	Received by:	Date/Time: 4/1/26 8:43	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: 0.6 0.6 THM043 CF +0.0

Ver: 05/06/2024

4/30/2026

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10188.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-45383-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 4/8/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SFL MW-8S (870-45383-1)	3/30/26	10:50 Central	G	Water			X	X	X	2	
SFL MW-8D (870-45383-2)	3/30/26	12:00 Central	G	Water			X	X	X	2	
FD-1 (870-45383-3)	3/30/26	12:05 Central	G	Water			X	X	X	2	
SFL MW-15D (870-45383-4)	3/30/26	14:20 Central	G	Water			X	X	X	2	
SFL MW-3D (870-45383-5)	3/30/26	15:40 Central	G	Water			X	X	X	2	
SFL MW-7S (870-45383-6)	3/30/26	15:45 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 04/01/26 - 1700	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: APR 01 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time: 0930 APR 02 2026	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10189.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-45383-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/7/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note:
			Preservation Code:												
SFL MW-8S (870-45383-1)	3/30/26	10:50 Central	G	Water			X	X	X	X	X			3	
SFL MW-8D (870-45383-2)	3/30/26	12:00 Central	G	Water			X	X	X	X	X			3	
FD-1 (870-45383-3)	3/30/26	12:05 Central	G	Water			X	X	X	X	X			3	
SFL MW-15D (870-45383-4)	3/30/26	14:20 Central	G	Water			X	X	X	X	X			3	
SFL MW-3D (870-45383-5)	3/30/26	15:40 Central	G	Water			X	X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg
SFL MW-7S (870-45383-6)	3/30/26	15:45 Central	G	Water			X	X	X	X	X			3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1		04/01/26-1700		TPX		
2	Relinquished by:	Date/Time:	Company	Received by: APR 01 2026	Date/Time:	Company
3	Relinquished by:	Date/Time:	Company	Received by: FC	Date/Time: 4/2/26 7:00	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 4.0u - 368 21

Ver 10/10/2024

4/30/2026

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45383-1

Login Number: 45383
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45383-1

Login Number: 45383
List Number: 2
Creator: Carreon, Fernando

List Source: Eurofins Houston
List Creation: 04/02/26 07:21 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	False	
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	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45383-1

Login Number: 45383
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 04/02/26 02:31 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 4/30/2026 4:18:44 PM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-45387-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

my EOL

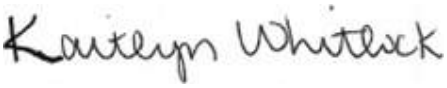
Eurofins Dallas

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
4/30/2026 4:18:44 PM

Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 19
QC Sample Results 20
QC Association Summary 35
Lab Chronicle 41
Certification Summary 46
Method Summary 47
Sample Summary 48
Chain of Custody 49
Receipt Checklists 52

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

Job Narrative
870-45387-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/1/2026 8:43 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 0.8°C and 1.0°C.

Receipt Exceptions
Sample 6 (EB-1) lists only 6 containers and does not request dissolved metals on COC, but a dissolved metals container was provided. Sample logged for dissolved metals on hold.

HPLC/IC
Method 9056A: Due to the high concentration of Chloride, Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-311439 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

Metals
Method 6010D: The method blank for preparation batch 860-311932 and analytical batch 860-312665 contained Sodium above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method 6010D - Dissolved: The difference between dissolved and total for Aluminium, Iron and Antimony is 20%.

Method 6010D - Dissolved: The difference between dissolved and total for Cobalt is 20%.

Method 6010D - Dissolved: The difference between dissolved and total for Antimony is 20% with J flag.

Method 6010D - Dissolved: The difference between dissolved and total for Cobalt is 20% with J flag.

Method 6020B: The following sample was diluted due to the nature of the sample matrix: SFL MW-1S (Contingency) (870-45387-3). Elevated reporting limits (RLs) are provided.

Method 6020B: The following samples were diluted due to the nature of the sample matrix: SFL MW-1S (870-45387-2), SFL MW-5D (870-45387-4) and SFL MW-2D (870-45387-5). Elevated reporting limits (RLs) are provided.

Method 7470A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-311657 and analytical batch 860-311934 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 7470A - Dissolved: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-311657 and analytical batch 860-311934 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

General Chemistry
Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following sample(s) has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: Samples SFL MW-6D (870-45387-1), SFL MW-1S (870-45387-2), SFL MW-1S (Contingency) (870-45387-3), SFL MW-5D (870-45387-4), SFL MW-2D (870-45387-5) and EB-1 (870-45387-6).

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

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-6D
Lab Sample ID: 870-45387-1
Date Collected: 03/30/26 07:30
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1230**		5.00	2.50	mg/L			04/07/26 19:05	10
Fluoride	**0.123**	**J**	0.500	0.100	mg/L			04/07/26 18:55	1
Sulfate	**700**		5.00	2.00	mg/L			04/07/26 19:05	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.894**		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 19:10	1
Calcium	**192**		0.200	0.102	mg/L		04/08/26 13:30	04/09/26 19:10	1
Magnesium	**18.2**		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 19:10	1
Potassium	**43.0**		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 19:10	1
Sodium	**734**	**B**	5.00	1.52	mg/L		04/08/26 13:30	04/09/26 19:12	10
Lithium	**0.394**		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 19:10	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.321**		0.200	0.0352	mg/L		04/08/26 13:25	04/10/26 15:16	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/08/26 13:25	04/10/26 15:16	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/08/26 13:25	04/10/26 15:16	1
Barium	**0.0493**		0.0100	0.00125	mg/L		04/08/26 13:25	04/10/26 15:16	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/08/26 13:25	04/10/26 15:16	1
Boron	**0.917**		0.0500	0.0162	mg/L		04/08/26 13:25	04/10/26 15:16	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/08/26 13:25	04/10/26 15:16	1
Calcium	**198**		0.200	0.102	mg/L		04/08/26 13:25	04/10/26 15:16	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/08/26 13:25	04/10/26 15:16	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/08/26 13:25	04/10/26 15:16	1
Iron	**0.250**		0.200	0.0283	mg/L		04/08/26 13:25	04/10/26 15:16	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/08/26 13:25	04/10/26 15:16	1
Magnesium	**18.4**		0.200	0.0445	mg/L		04/08/26 13:25	04/10/26 15:16	1
Molybdenum	**0.00999**	**J**	0.0100	0.00260	mg/L		04/08/26 13:25	04/10/26 15:16	1
Potassium	**43.0**		0.500	0.106	mg/L		04/08/26 13:25	04/10/26 15:16	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/08/26 13:25	04/10/26 15:16	1
Sodium	**757**		5.00	1.52	mg/L		04/08/26 13:25	04/10/26 15:18	10
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/08/26 13:25	04/10/26 15:16	1
Li	**0.401**		0.0400	0.0174	mg/L		04/08/26 13:25	04/10/26 15:16	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/08/26 11:30	04/08/26 22:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/08/26 11:30	04/08/26 22:38	1
Arsenic	**0.00233**	**J**	0.00400	0.000690	mg/L		04/08/26 11:30	04/08/26 22:38	1
Barium	**0.0504**		0.00400	0.00134	mg/L		04/08/26 11:30	04/08/26 22:38	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/08/26 11:30	04/08/26 22:38	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/08/26 11:30	04/08/26 22:38	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/08/26 11:30	04/08/26 22:38	1
Cobalt	**0.00178**	**J**	0.00200	0.000355	mg/L		04/08/26 11:30	04/08/26 22:38	1
Iron	**0.0128**	**J**	0.0200	0.00445	mg/L		04/08/26 11:30	04/08/26 22:38	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/08/26 11:30	04/08/26 22:38	1
Molybdenum	**0.0137**		0.00200	0.000255	mg/L		04/08/26 11:30	04/08/26 22:38	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/08/26 11:30	04/08/26 22:38	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/08/26 11:30	04/08/26 22:38	1

Client Sample ID: SFL MW-6D
Lab Sample ID: 870-45387-1
Date Collected: 03/30/26 07:30
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U F1	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 02:35	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:54	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	195		4.00	4.00	mg/L			04/06/26 14:22	1
Total Dissolved Solids (SM 2540C)	3130		20.0	20.0	mg/L			04/02/26 13:43	1
pH (SM 4500 H+ B)	7.1	HF			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	21.4	HF			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	20.8	U	15.8	15.9	50.0	40.1	pCi/L	04/02/26 16:04	04/24/26 08:23	1
Radium-228	1.34	U G	28.7	28.7	50.0	50.5	pCi/L	04/02/26 16:04	04/24/26 08:23	1
Combined Radium 226 + 228	22.1	U	32.8	32.8		50.5	pCi/L	04/02/26 16:04	04/24/26 08:23	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.765		0.197	0.208	1.00	0.169	pCi/L	04/03/26 12:11	04/27/26 12:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*04/03/26 12:11*	*04/27/26 12:55*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.98		0.773	0.820	1.00	0.776	pCi/L	04/03/26 12:13	04/17/26 14:51	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*81.8*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:51*	*1*
Y Carrier	*79.6*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:51*	*1*

Client Sample ID: SFL MW-1S
Lab Sample ID: 870-45387-2
Date Collected: 03/30/26 07:55
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2780		5.00	2.50	mg/L			04/07/26 18:45	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 18:35	1
Sulfate	1440		5.00	2.00	mg/L			04/07/26 18:45	10

Client Sample ID: SFL MW-1S
Lab Sample ID: 870-45387-2

Date Collected: 03/30/26 07:55
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.340**		0.0500	0.0162	mg/L		04/07/26 14:00	04/08/26 13:02	1
Calcium	**885**		10.0	5.08	mg/L		04/07/26 14:00	04/08/26 13:04	50
Magnesium	**97.9**		0.200	0.0445	mg/L		04/07/26 14:00	04/08/26 13:02	1
Potassium	**45.6**		0.500	0.106	mg/L		04/07/26 14:00	04/08/26 13:02	1
Sodium	**1440**		25.0	7.59	mg/L		04/07/26 14:00	04/08/26 13:04	50
Lithium	**0.553**		0.0400	0.0174	mg/L		04/07/26 14:00	04/08/26 13:02	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0366**	**J**	0.200	0.0352	mg/L		04/09/26 10:30	04/09/26 16:26	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/09/26 10:30	04/09/26 22:03	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/09/26 10:30	04/09/26 16:26	1
Barium	**0.0474**		0.0100	0.00125	mg/L		04/09/26 10:30	04/09/26 16:26	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/09/26 10:30	04/09/26 16:26	1
Boron	**0.412**		0.0500	0.0162	mg/L		04/09/26 10:30	04/09/26 16:26	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/09/26 10:30	04/09/26 16:26	1
Calcium	**955**		10.0	5.08	mg/L		04/09/26 10:30	04/09/26 16:30	50
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/09/26 10:30	04/09/26 16:26	1
Cobalt	**0.00258**	**J**	0.0100	0.00123	mg/L		04/09/26 10:30	04/09/26 16:26	1
Iron	**1.23**		0.200	0.0283	mg/L		04/09/26 10:30	04/09/26 16:26	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/09/26 10:30	04/09/26 16:26	1
Magnesium	**105**		0.200	0.0445	mg/L		04/09/26 10:30	04/09/26 16:26	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/09/26 10:30	04/09/26 16:26	1
Potassium	**49.9**		0.500	0.106	mg/L		04/09/26 10:30	04/09/26 16:26	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/09/26 10:30	04/09/26 16:26	1
Sodium	**1550**		25.0	7.59	mg/L		04/09/26 10:30	04/09/26 16:30	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/09/26 10:30	04/09/26 16:26	1
Li	**0.402**	**B**	0.0400	0.0174	mg/L		04/09/26 10:30	04/09/26 16:26	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0622**		0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:38	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:38	1
Arsenic	**0.00120**	**J**	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:38	1
Barium	**0.0486**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:38	1
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		04/09/26 10:30	04/10/26 13:18	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:38	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:38	1
Cobalt	**0.00309**		0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:38	1
Iron	**1.41**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:38	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:38	1
Molybdenum	**0.00171**	**J**	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:38	1
Selenium	**0.00112**	**J**	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:38	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:38	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:16	1

Client Sample ID: SFL MW-1S
Lab Sample ID: 870-45387-2
Date Collected: 03/30/26 07:55
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:58	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	145		4.00	4.00	mg/L			04/06/26 13:47	1
Total Dissolved Solids (SM 2540C)	5980		50.0	50.0	mg/L			04/02/26 13:43	1
pH (SM 4500 H+ B)	6.5	HF			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	20.1	HF			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	14.2	U	19.8	19.8	50.0	30.4	pCi/L	04/02/26 16:04	04/24/26 10:22	1
Radium-228	10.2	U	24.9	24.9	50.0	41.1	pCi/L	04/02/26 16:04	04/24/26 10:22	1
Combined Radium 226 + 228	24.4	U	31.8	31.8		41.1	pCi/L	04/02/26 16:04	04/24/26 10:22	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.45		0.279	0.308	1.00	0.206	pCi/L	04/03/26 12:11	04/27/26 10:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:55*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	4.92		1.03	1.12	1.00	1.00	pCi/L	04/03/26 12:13	04/17/26 14:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*
Y Carrier	*78.5*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*

Client Sample ID: SFL MW-1S (Contingency)
Lab Sample ID: 870-45387-3
Date Collected: 03/30/26 09:20
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2610		5.00	2.50	mg/L			04/07/26 18:26	10
Fluoride	2.31		0.500	0.100	mg/L			04/07/26 18:16	1
Sulfate	2220		5.00	2.00	mg/L			04/07/26 18:26	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.290		0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 19:13	1
Calcium	885		1.00	0.508	mg/L		04/08/26 13:30	04/09/26 19:15	5
Magnesium	161		0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 19:13	1

Client Sample ID: SFL MW-1S (Contingency)
Lab Sample ID: 870-45387-3

Date Collected: 03/30/26 09:20
Matrix: Water

Date Received: 04/01/26 08:43

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**29.4**		0.500	0.106	mg/L		04/08/26 13:30	04/09/26 19:13	1
Sodium	**840**	**B**	2.50	0.759	mg/L		04/08/26 13:30	04/09/26 19:15	5
Lithium	**0.660**		0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 19:13	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**29.7**		0.0200	0.00549	mg/L		04/08/26 11:30	04/08/26 23:01	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/08/26 11:30	04/08/26 23:01	1
Arsenic	**0.0167**		0.00400	0.000690	mg/L		04/08/26 11:30	04/08/26 23:01	1
Barium	**0.0280**		0.00400	0.00134	mg/L		04/08/26 11:30	04/08/26 23:01	1
Beryllium	**0.0903**		0.0100	0.00136	mg/L		04/08/26 11:30	04/09/26 15:46	5
Cadmium	**0.0354**		0.00200	0.000240	mg/L		04/08/26 11:30	04/08/26 23:01	1
Chromium	**0.00371**	**J**	0.00400	0.000560	mg/L		04/08/26 11:30	04/08/26 23:01	1
Cobalt	**0.281**		0.00200	0.000355	mg/L		04/08/26 11:30	04/08/26 23:01	1
Iron	**5.16**		0.0200	0.00445	mg/L		04/08/26 11:30	04/08/26 23:01	1
Lead	**0.0132**		0.00200	0.000367	mg/L		04/08/26 11:30	04/08/26 23:01	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/08/26 11:30	04/08/26 23:01	1
Selenium	**0.156**		0.00200	0.000590	mg/L		04/08/26 11:30	04/08/26 23:01	1
Thallium	**0.0103**		0.00200	0.000415	mg/L		04/08/26 11:30	04/08/26 23:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 02:59	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/06/26 13:44	1
Total Dissolved Solids (SM 2540C)	**6070**		50.0	50.0	mg/L			04/02/26 13:43	1
pH (SM 4500 H+ B)	**3.7**	**HF**			SU			04/02/26 11:23	1
Temperature (SM 4500 H+ B)	**21.5**	**HF**			Celsius			04/02/26 11:23	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	11.3	U	19.7	19.7	50.0	30.6	pCi/L	04/02/26 16:04	04/24/26 10:23	1
Radium-228	-4.85	U	29.4	29.4	50.0	49.5	pCi/L	04/02/26 16:04	04/24/26 10:23	1
Combined Radium 226 + 228	6.45	U	35.4	35.4		49.5	pCi/L	04/02/26 16:04	04/24/26 10:23	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.424**		0.146	0.151	1.00	0.142	pCi/L	04/03/26 12:11	04/27/26 10:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:55*	*1*

Client Sample ID: SFL MW-1S (Contingency)
Lab Sample ID: 870-45387-3
Date Collected: 03/30/26 09:20
Matrix: Water
Date Received: 04/01/26 08:43

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.05		0.699	0.724	1.00	0.846	pCi/L	04/03/26 12:13	04/17/26 14:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.5*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*
Y Carrier	*80.7*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-45387-4
Date Collected: 03/30/26 11:10
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		5.00	2.50	mg/L			04/07/26 15:31	10
Fluoride	0.185	J	0.500	0.100	mg/L			04/07/26 15:21	1
Sulfate	826		5.00	2.00	mg/L			04/07/26 15:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.25		0.0500	0.0162	mg/L		04/09/26 10:30	04/09/26 16:38	1
Calcium	174		0.200	0.102	mg/L		04/09/26 10:30	04/09/26 16:38	1
Magnesium	18.5		0.200	0.0445	mg/L		04/09/26 10:30	04/09/26 16:38	1
Potassium	40.7		0.500	0.106	mg/L		04/09/26 10:30	04/09/26 16:38	1
Sodium	935		25.0	7.59	mg/L		04/09/26 10:30	04/09/26 16:43	50
Lithium	0.370	B	0.0400	0.0174	mg/L		04/09/26 10:30	04/09/26 16:38	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.214		0.200	0.0352	mg/L		04/08/26 13:25	04/10/26 15:23	1
Antimony	0.0124	J	0.0200	0.00803	mg/L		04/08/26 13:25	04/13/26 15:00	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/08/26 13:25	04/10/26 15:23	1
Barium	0.0391		0.0100	0.00125	mg/L		04/08/26 13:25	04/10/26 15:23	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/08/26 13:25	04/10/26 15:23	1
Boron	1.17		0.0500	0.0162	mg/L		04/08/26 13:25	04/10/26 15:23	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/08/26 13:25	04/10/26 15:23	1
Calcium	163		0.200	0.102	mg/L		04/08/26 13:25	04/10/26 15:23	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/08/26 13:25	04/10/26 15:23	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/08/26 13:25	04/10/26 15:23	1
Iron	1.28		0.200	0.0283	mg/L		04/08/26 13:25	04/10/26 15:23	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/08/26 13:25	04/10/26 15:23	1
Magnesium	17.5		0.200	0.0445	mg/L		04/08/26 13:25	04/10/26 15:23	1
Molybdenum	0.00492	J	0.0100	0.00260	mg/L		04/08/26 13:25	04/10/26 15:23	1
Potassium	38.4		0.500	0.106	mg/L		04/08/26 13:25	04/10/26 15:23	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/08/26 13:25	04/10/26 15:23	1
Sodium	774		5.00	1.52	mg/L		04/08/26 13:25	04/10/26 15:25	10
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/08/26 13:25	04/10/26 15:23	1
Li	0.412		0.0400	0.0174	mg/L		04/08/26 13:25	04/10/26 15:23	1

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-45387-4

Date Collected: 03/30/26 11:10
Matrix: Water

Date Received: 04/01/26 08:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.379**		0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:40	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:40	1
Arsenic	**0.00386**	**J**	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:40	1
Barium	**0.0449**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:40	1
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		04/09/26 10:30	04/10/26 13:22	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:40	1
Chromium	**0.00127**	**J**	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:40	1
Cobalt	**0.00204**		0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:40	1
Iron	**1.58**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:40	1
Lead	**0.000381**	**J**	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:40	1
Molybdenum	**0.00547**		0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:40	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:40	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:40	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:19	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 04:01	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**264**		4.00	4.00	mg/L			04/06/26 13:37	1
Total Dissolved Solids (SM 2540C)	**3160**		20.0	20.0	mg/L			04/02/26 13:43	1
pH (SM 4500 H+ B)	**7.2**	**HF**			SU			04/02/26 11:26	1
Temperature (SM 4500 H+ B)	**21.4**	**HF**			Celsius			04/02/26 11:26	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	14.8	U	21.8	21.8	50.0	33.4	pCi/L	04/02/26 16:04	04/24/26 10:23	1
Radium-228	**35.8**		24.5	24.8	50.0	32.2	pCi/L	04/02/26 16:04	04/24/26 10:23	1
Combined Radium 226 + 228	**50.7**		32.8	33.0		33.4	pCi/L	04/02/26 16:04	04/24/26 10:23	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.464**		0.161	0.167	1.00	0.167	pCi/L	04/03/26 12:11	04/27/26 11:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*04/03/26 12:11*	*04/27/26 11:41*	*1*

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-45387-4
Date Collected: 03/30/26 11:10
Matrix: Water
Date Received: 04/01/26 08:43

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.63**		0.628	0.646	1.00	0.789	pCi/L	04/03/26 12:13	04/17/26 14:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*89.3*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*
Y Carrier	*77.0*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-45387-5
Date Collected: 03/30/26 12:35
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1740**		5.00	2.50	mg/L			04/07/26 21:11	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 21:01	1
Sulfate	**1610**		5.00	2.00	mg/L			04/07/26 21:11	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.72**		0.0500	0.0162	mg/L		04/09/26 10:30	04/09/26 16:39	1
Calcium	**535**		10.0	5.08	mg/L		04/09/26 10:30	04/09/26 16:44	50
Magnesium	**54.7**		0.200	0.0445	mg/L		04/09/26 10:30	04/09/26 16:39	1
Potassium	**54.7**		0.500	0.106	mg/L		04/09/26 10:30	04/09/26 16:39	1
Sodium	**1160**		25.0	7.59	mg/L		04/09/26 10:30	04/09/26 16:44	50
Lithium	**0.513**	**B**	0.0400	0.0174	mg/L		04/09/26 10:30	04/09/26 16:39	1

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/08/26 13:25	04/10/26 15:26	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/08/26 13:25	04/10/26 15:26	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/08/26 13:25	04/10/26 15:26	1
Barium	**0.0267**		0.0100	0.00125	mg/L		04/08/26 13:25	04/10/26 15:26	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/08/26 13:25	04/10/26 15:26	1
Boron	**1.81**		0.0500	0.0162	mg/L		04/08/26 13:25	04/10/26 15:26	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/08/26 13:25	04/10/26 15:26	1
Calcium	**413**		0.200	0.102	mg/L		04/08/26 13:25	04/10/26 15:26	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/08/26 13:25	04/10/26 15:26	1
Cobalt	**0.00329**	**J**	0.0100	0.00123	mg/L		04/08/26 13:25	04/13/26 15:08	1
Iron	**0.101**	**J**	0.200	0.0283	mg/L		04/08/26 13:25	04/10/26 15:26	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/08/26 13:25	04/10/26 15:26	1
Magnesium	**52.8**		0.200	0.0445	mg/L		04/08/26 13:25	04/10/26 15:26	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/08/26 13:25	04/10/26 15:26	1
Potassium	**51.9**		0.500	0.106	mg/L		04/08/26 13:25	04/10/26 15:26	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/08/26 13:25	04/10/26 15:26	1
Sodium	**1010**		12.5	3.79	mg/L		04/08/26 13:25	04/10/26 15:28	25
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/08/26 13:25	04/10/26 15:26	1
Li	**0.611**		0.0400	0.0174	mg/L		04/08/26 13:25	04/10/26 15:26	1

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-45387-5

Date Collected: 03/30/26 12:35
Matrix: Water

Date Received: 04/01/26 08:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**1.78**		0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:42	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:42	1
Arsenic	**0.00425**		0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:42	1
Barium	**0.0422**		0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:42	1
Beryllium	<0.00136	U	0.0100	0.00136	mg/L		04/09/26 10:30	04/10/26 13:25	5
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:42	1
Chromium	**0.00174**	**J**	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:42	1
Cobalt	**0.00347**		0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:42	1
Iron	**1.82**		0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:42	1
Lead	**0.00333**		0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:42	1
Molybdenum	**0.00167**	**J**	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:42	1
Selenium	**0.00190**	**J**	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:42	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:42	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:02	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 04:05	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**85.0**		4.00	4.00	mg/L			04/06/26 13:32	1
Total Dissolved Solids (SM 2540C)	**4290**		20.0	20.0	mg/L			04/02/26 16:07	1
pH (SM 4500 H+ B)	**6.3**	**HF**			SU			04/02/26 11:26	1
Temperature (SM 4500 H+ B)	**21.9**	**HF**			Celsius			04/02/26 11:26	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	11.6	U	19.3	19.3	50.0	30.7	pCi/L	04/02/26 16:04	04/24/26 10:24	1
Radium-228	26.8	U G	26.4	26.5	50.0	57.2	pCi/L	04/02/26 16:04	04/24/26 10:24	1
Combined Radium 226 + 228	38.4	U	32.7	32.8		57.2	pCi/L	04/02/26 16:04	04/24/26 10:24	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.743**		0.249	0.258	1.00	0.240	pCi/L	04/03/26 12:11	04/27/26 12:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*04/03/26 12:11*	*04/27/26 12:55*	*1*

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-45387-5
Date Collected: 03/30/26 12:35
Matrix: Water
Date Received: 04/01/26 08:43

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.17**	**G**	1.16	1.19	1.00	1.46	pCi/L	04/03/26 12:13	04/17/26 14:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*
Y Carrier	*80.7*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*

Client Sample ID: EB-1
Lab Sample ID: 870-45387-6
Date Collected: 03/30/26 13:45
Matrix: Water
Date Received: 04/01/26 08:43

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**0.325**	**J**	0.500	0.250	mg/L			04/07/26 19:17	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 19:17	1
Sulfate	**0.258**	**J**	0.500	0.200	mg/L			04/07/26 19:17	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:35	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/09/26 11:30	04/09/26 17:35	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:35	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:35	1
Sodium	**0.273**	**J**	0.500	0.152	mg/L		04/09/26 11:30	04/09/26 17:35	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 18:48	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 18:48	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 18:48	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 18:48	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 10:30	04/10/26 13:33	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 18:48	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 18:48	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 18:48	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 18:48	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 18:48	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 18:48	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 18:48	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 18:48	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:13	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/06/26 14:18	1
Total Dissolved Solids (SM 2540C)	**4.50**		2.50	2.50	mg/L			04/03/26 12:51	1

Client Sample ID: EB-1
Lab Sample ID: 870-45387-6

Date Collected: 03/30/26 13:45
Matrix: Water

Date Received: 04/01/26 08:43

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	7.6	HF			SU			04/02/26 11:26	1
Temperature (SM 4500 H+ B)	21.0	HF			Celsius			04/02/26 11:26	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-2.58	U	20.7	20.7	50.0	34.2	pCi/L	04/02/26 16:04	04/24/26 11:43	1
Radium-228	14.1	U G	31.8	31.8	50.0	51.5	pCi/L	04/02/26 16:04	04/24/26 11:43	1
Combined Radium 226 + 228	11.5	U	37.9	37.9		51.5	pCi/L	04/02/26 16:04	04/24/26 11:43	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.0120	U	0.0696	0.0696	1.00	0.143	pCi/L	04/03/26 12:11	04/27/26 12:55	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*04/03/26 12:11*	*04/27/26 12:55*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.537	U	0.430	0.433	1.00	0.670	pCi/L	04/03/26 12:13	04/17/26 14:52	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.4*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*
Y Carrier	*82.2*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:52*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
Lab Sample ID	Client Sample ID	Ba (30-110)
870-45387-1	SFL MW-6D	81.8
870-45387-2	SFL MW-1S	78.3
870-45387-3	SFL MW-1S (Contingency)	83.5
870-45387-4	SFL MW-5D	89.3
870-45387-5	SFL MW-2D	77.5
870-45387-6	EB-1	86.4
LCS 160-764304/2-A	Lab Control Sample	83.5
MB 160-764304/1-A	Method Blank	82.9

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
Lab Sample ID	Client Sample ID	Ba (30-110)	Y (30-110)
870-45387-1	SFL MW-6D	81.8	79.6
870-45387-2	SFL MW-1S	78.3	78.5
870-45387-3	SFL MW-1S (Contingency)	83.5	80.7
870-45387-4	SFL MW-5D	89.3	77.0
870-45387-5	SFL MW-2D	77.5	80.7
870-45387-6	EB-1	86.4	82.2
LCS 160-764305/2-A	Lab Control Sample	83.5	81.9
MB 160-764305/1-A	Method Blank	82.9	80.4

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-311437/3
Matrix: Water
Analysis Batch: 311437

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 10:47	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 10:47	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 10:47	1

Lab Sample ID: LCS 860-311437/4
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.39		mg/L		104	90 - 110
Fluoride	10.0	10.06		mg/L		101	90 - 110
Sulfate	10.0	9.546		mg/L		95	90 - 110

Lab Sample ID: LCSD 860-311437/5
Matrix: Water
Analysis Batch: 311437

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.49		mg/L		105	90 - 110	1	20
Fluoride	10.0	10.14		mg/L		101	90 - 110	1	20
Sulfate	10.0	9.473		mg/L		95	90 - 110	1	20

Lab Sample ID: MB 860-311439/3
Matrix: Water
Analysis Batch: 311439

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 10:10	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 10:10	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 10:10	1

Lab Sample ID: MB 860-311439/62
Matrix: Water
Analysis Batch: 311439

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/07/26 19:53	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/07/26 19:53	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/07/26 19:53	1

Lab Sample ID: LCS 860-311439/4
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.59		mg/L		106	90 - 110
Fluoride	10.0	10.09		mg/L		101	90 - 110
Sulfate	10.0	9.347		mg/L		93	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-311439/63
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.49		mg/L		105	90 - 110
Fluoride	10.0	10.16		mg/L		102	90 - 110
Sulfate	10.0	9.006		mg/L		90	90 - 110

Lab Sample ID: LCSD 860-311439/5
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.36		mg/L		104	90 - 110	2	20
Fluoride	10.0	9.901		mg/L		99	90 - 110	2	20
Sulfate	10.0	9.168		mg/L		92	90 - 110	2	20

Lab Sample ID: LCSD 860-311439/64
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.49		mg/L		105	90 - 110	0	20
Fluoride	10.0	10.16		mg/L		102	90 - 110	0	20
Sulfate	10.0	9.042		mg/L		90	90 - 110	0	20

Lab Sample ID: LLCS 860-311439/66
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6600		mg/L		132	50 - 150
Fluoride	0.500	0.4444	J	mg/L		89	50 - 150
Sulfate	0.500	0.5326		mg/L		107	50 - 150

Lab Sample ID: LLCS 860-311439/7
Matrix: Water
Analysis Batch: 311439

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6506		mg/L		130	50 - 150
Fluoride	0.500	0.4197	J	mg/L		84	50 - 150
Sulfate	0.500	0.5358		mg/L		107	50 - 150

Lab Sample ID: 870-45387-1 MS
Matrix: Water
Analysis Batch: 311439

Client Sample ID: SFL MW-6D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Fluoride	0.123	J	10.0	9.615		mg/L		95	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: 870-45387-1 MSD
Matrix: Water
Analysis Batch: 311439

Client Sample ID: SFL MW-6D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluoride	0.123	J	10.0	9.249		mg/L		91	90 - 110	4	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-311617/1-A
Matrix: Water
Analysis Batch: 311952

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311617

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/07/26 14:00	04/08/26 11:52	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/07/26 14:00	04/08/26 11:52	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/07/26 14:00	04/08/26 11:52	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/07/26 14:00	04/08/26 11:52	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/07/26 14:00	04/08/26 11:52	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/07/26 14:00	04/08/26 11:52	1

Lab Sample ID: LCS 860-311617/2-A
Matrix: Water
Analysis Batch: 311952

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311617

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9890		mg/L		99	80 - 120
Calcium	25.0	27.50		mg/L		110	80 - 120
Magnesium	25.0	27.60		mg/L		110	80 - 120
Potassium	10.0	9.960		mg/L		100	80 - 120
Sodium	25.0	25.70		mg/L		103	80 - 120
Lithium	1.00	0.9540		mg/L		95	80 - 120

Lab Sample ID: LCSD 860-311617/3-A
Matrix: Water
Analysis Batch: 311952

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311617

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9880		mg/L		99	80 - 120	0	20
Calcium	25.0	27.40		mg/L		110	80 - 120	0	20
Magnesium	25.0	27.40		mg/L		110	80 - 120	1	20
Potassium	10.0	9.950		mg/L		100	80 - 120	0	20
Sodium	25.0	25.60		mg/L		102	80 - 120	0	20
Lithium	1.00	0.9490		mg/L		95	80 - 120	1	20

Lab Sample ID: MB 860-311931/1-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/08/26 13:25	04/10/26 14:25	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/08/26 13:25	04/10/26 14:25	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/08/26 13:25	04/10/26 14:25	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		04/08/26 13:25	04/10/26 14:25	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/08/26 13:25	04/10/26 14:25	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-311931/1-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311931

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/08/26 13:25	04/10/26 14:25	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/08/26 13:25	04/10/26 14:25	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/08/26 13:25	04/10/26 14:25	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/08/26 13:25	04/10/26 14:25	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/08/26 13:25	04/10/26 14:25	1
Iron	<0.0283	U	0.200	0.0283	mg/L		04/08/26 13:25	04/10/26 14:25	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/08/26 13:25	04/10/26 14:25	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/08/26 13:25	04/10/26 14:25	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/08/26 13:25	04/10/26 14:25	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/08/26 13:25	04/10/26 14:25	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/08/26 13:25	04/10/26 14:25	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/08/26 13:25	04/10/26 14:25	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/08/26 13:25	04/10/26 14:25	1
Li	<0.0174	U	0.0400	0.0174	mg/L		04/08/26 13:25	04/10/26 14:25	1

Lab Sample ID: LCS 860-311931/2-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311931

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	5.100		mg/L		102	80 - 120
Antimony	1.00	1.080		mg/L		108	80 - 120
Arsenic	1.00	1.000		mg/L		100	80 - 120
Barium	1.00	1.080		mg/L		108	80 - 120
Beryllium	1.00	1.100		mg/L		110	80 - 120
Boron	1.00	0.9790		mg/L		98	80 - 120
Cadmium	1.00	1.000		mg/L		100	80 - 120
Calcium	25.0	25.50		mg/L		102	80 - 120
Chromium	1.00	1.040		mg/L		104	80 - 120
Cobalt	1.00	1.040		mg/L		104	80 - 120
Iron	5.00	5.460		mg/L		109	80 - 120
Lead	1.00	1.030		mg/L		103	80 - 120
Magnesium	25.0	24.40		mg/L		98	80 - 120
Molybdenum	1.00	1.050		mg/L		105	80 - 120
Potassium	10.0	10.20		mg/L		102	80 - 120
Selenium	1.00	0.9750		mg/L		98	80 - 120
Sodium	25.0	25.30		mg/L		101	80 - 120
Thallium	1.00	1.030		mg/L		103	80 - 120
Li	1.00	1.020		mg/L		102	80 - 120

Lab Sample ID: LCSD 860-311931/3-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311931

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	5.000		mg/L		100	80 - 120	2	20
Antimony	1.00	1.060		mg/L		106	80 - 120	2	20
Arsenic	1.00	0.9880		mg/L		99	80 - 120	1	20
Barium	1.00	1.060		mg/L		106	80 - 120	2	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-311931/3-A
Matrix: Water
Analysis Batch: 312799

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311931

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Beryllium	1.00	1.080		mg/L		108	80 - 120	2	20
Boron	1.00	0.9670		mg/L		97	80 - 120	1	20
Cadmium	1.00	0.9850		mg/L		99	80 - 120	2	20
Calcium	25.0	25.00		mg/L		100	80 - 120	2	20
Chromium	1.00	1.020		mg/L		102	80 - 120	2	20
Cobalt	1.00	1.020		mg/L		102	80 - 120	2	20
Iron	5.00	5.360		mg/L		107	80 - 120	2	20
Lead	1.00	1.020		mg/L		102	80 - 120	1	20
Magnesium	25.0	24.10		mg/L		96	80 - 120	1	20
Molybdenum	1.00	1.040		mg/L		104	80 - 120	1	20
Potassium	10.0	9.980		mg/L		100	80 - 120	2	20
Selenium	1.00	0.9680		mg/L		97	80 - 120	1	20
Sodium	25.0	24.70		mg/L		99	80 - 120	2	20
Thallium	1.00	0.9980		mg/L		100	80 - 120	3	20
Li	1.00	0.9970		mg/L		100	80 - 120	2	20

Lab Sample ID: MB 860-311932/1-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311932

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/08/26 13:30	04/09/26 18:22	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/08/26 13:30	04/09/26 18:22	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/08/26 13:30	04/09/26 18:22	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/08/26 13:30	04/09/26 18:22	1
Sodium	0.2870	J	0.500	0.152	mg/L		04/08/26 13:30	04/09/26 18:22	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/08/26 13:30	04/09/26 18:22	1

Lab Sample ID: LCS 860-311932/2-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311932

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9550		mg/L		96	80 - 120
Calcium	25.0	25.00		mg/L		100	80 - 120
Magnesium	25.0	24.50		mg/L		98	80 - 120
Potassium	10.0	10.40		mg/L		104	80 - 120
Sodium	25.0	25.50		mg/L		102	80 - 120
Lithium	1.00	0.9920		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-311932/3-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311932

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9530		mg/L		95	80 - 120	0	20
Calcium	25.0	25.00		mg/L		100	80 - 120	0	20
Magnesium	25.0	24.50		mg/L		98	80 - 120	0	20
Potassium	10.0	10.40		mg/L		104	80 - 120	0	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCSD 860-311932/3-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311932

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Sodium	25.0	25.50		mg/L		102	80 - 120	0	20
Lithium	1.00	1.000		mg/L		100	80 - 120	1	20

Lab Sample ID: MB 860-312249/1-A
Matrix: Water
Analysis Batch: 312400

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/09/26 10:30	04/09/26 15:37	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/09/26 10:30	04/09/26 15:37	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		04/09/26 10:30	04/09/26 15:37	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/09/26 10:30	04/09/26 15:37	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/09/26 10:30	04/09/26 15:37	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/09/26 10:30	04/09/26 15:37	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/09/26 10:30	04/09/26 15:37	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/09/26 10:30	04/09/26 15:37	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/09/26 10:30	04/09/26 15:37	1
Iron	<0.0283	U	0.200	0.0283	mg/L		04/09/26 10:30	04/09/26 15:37	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/09/26 10:30	04/09/26 15:37	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/09/26 10:30	04/09/26 15:37	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/09/26 10:30	04/09/26 15:37	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/09/26 10:30	04/09/26 15:37	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/09/26 10:30	04/09/26 15:37	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/09/26 10:30	04/09/26 15:37	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/09/26 10:30	04/09/26 15:37	1
Li	0.01780	J	0.0400	0.0174	mg/L		04/09/26 10:30	04/09/26 15:37	1
Lithium	0.01780	J	0.0400	0.0174	mg/L		04/09/26 10:30	04/09/26 15:37	1

Lab Sample ID: MB 860-312249/1-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312249

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/09/26 10:30	04/09/26 21:51	1

Lab Sample ID: LCS 860-312249/2-A
Matrix: Water
Analysis Batch: 312400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.02	4.940		mg/L		98	80 - 120
Arsenic	1.00	1.000		mg/L		100	80 - 120
Barium	1.00	0.9970		mg/L		100	80 - 120
Beryllium	1.00	1.040		mg/L		104	80 - 120
Boron	1.01	0.9940		mg/L		99	80 - 120
Cadmium	1.00	0.9860		mg/L		99	80 - 120
Calcium	25.0	25.40		mg/L		102	80 - 120
Chromium	1.00	1.020		mg/L		102	80 - 120
Cobalt	1.00	1.010		mg/L		101	80 - 120

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-312249/2-A
Matrix: Water
Analysis Batch: 312400

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Iron	5.02	5.340		mg/L		106	80 - 120
Lead	1.00	1.040		mg/L		104	80 - 120
Magnesium	25.0	25.10		mg/L		100	80 - 120
Molybdenum	1.00	1.020		mg/L		102	80 - 120
Potassium	10.1	9.720		mg/L		97	80 - 120
Selenium	1.00	1.020		mg/L		102	80 - 120
Sodium	25.1	24.20		mg/L		97	80 - 120
Thallium	1.00	1.060		mg/L		106	80 - 120
Li	1.00	0.9310		mg/L		93	80 - 120
Lithium	1.00	0.9310		mg/L		93	80 - 120

Lab Sample ID: LCS 860-312249/2-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312249

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	1.00	0.9430		mg/L		94	80 - 120

Lab Sample ID: LCSD 860-312249/3-A
Matrix: Water
Analysis Batch: 312400

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312249

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.02	4.940		mg/L		98	80 - 120	0	20
Arsenic	1.00	1.010		mg/L		101	80 - 120	1	20
Barium	1.00	0.9980		mg/L		100	80 - 120	0	20
Beryllium	1.00	1.050		mg/L		105	80 - 120	1	20
Boron	1.01	0.9970		mg/L		99	80 - 120	0	20
Cadmium	1.00	0.9860		mg/L		99	80 - 120	0	20
Calcium	25.0	25.40		mg/L		102	80 - 120	0	20
Chromium	1.00	1.020		mg/L		102	80 - 120	0	20
Cobalt	1.00	1.010		mg/L		101	80 - 120	0	20
Iron	5.02	5.340		mg/L		106	80 - 120	0	20
Lead	1.00	1.040		mg/L		104	80 - 120	0	20
Magnesium	25.0	25.10		mg/L		100	80 - 120	0	20
Molybdenum	1.00	1.070		mg/L		107	80 - 120	5	20
Potassium	10.1	9.740		mg/L		97	80 - 120	0	20
Selenium	1.00	1.040		mg/L		104	80 - 120	2	20
Sodium	25.1	24.20		mg/L		97	80 - 120	0	20
Thallium	1.00	1.060		mg/L		106	80 - 120	0	20
Li	1.00	0.9270		mg/L		92	80 - 120	0	20
Lithium	1.00	0.9270		mg/L		92	80 - 120	0	20

Lab Sample ID: LCSD 860-312249/3-A
Matrix: Water
Analysis Batch: 312665

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312249

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Antimony	1.00	0.9810		mg/L		98	80 - 120	4	20

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-312277/1-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:13	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/09/26 11:30	04/09/26 17:13	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:13	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:13	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/09/26 11:30	04/09/26 17:13	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:13	1

Lab Sample ID: LCS 860-312277/2-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9940		mg/L		99	80 - 120
Calcium	25.0	25.40		mg/L		102	80 - 120
Magnesium	25.0	25.10		mg/L		100	80 - 120
Potassium	10.0	9.760		mg/L		98	80 - 120
Sodium	25.0	24.30		mg/L		97	80 - 120
Lithium	1.00	0.9310		mg/L		93	80 - 120

Lab Sample ID: LCSD 860-312277/3-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312277

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.000		mg/L		100	80 - 120	1	20
Calcium	25.0	25.60		mg/L		102	80 - 120	1	20
Magnesium	25.0	25.40		mg/L		102	80 - 120	1	20
Potassium	10.0	9.830		mg/L		98	80 - 120	1	20
Sodium	25.0	24.40		mg/L		98	80 - 120	0	20
Lithium	1.00	0.9350		mg/L		94	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: LB 860-311477/1-B
Matrix: Water
Analysis Batch: 312171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311900

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/08/26 11:30	04/08/26 22:07	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/08/26 11:30	04/08/26 22:07	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/08/26 11:30	04/08/26 22:07	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/08/26 11:30	04/08/26 22:07	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/08/26 11:30	04/08/26 22:07	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/08/26 11:30	04/08/26 22:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/08/26 11:30	04/08/26 22:07	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/08/26 11:30	04/08/26 22:07	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/08/26 11:30	04/08/26 22:07	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/08/26 11:30	04/08/26 22:07	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/08/26 11:30	04/08/26 22:07	1

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

Lab Sample ID: LB 860-311477/1-B
Matrix: Water
Analysis Batch: 312171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311900

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/08/26 11:30	04/08/26 22:07	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/08/26 11:30	04/08/26 22:07	1

Lab Sample ID: MB 860-311900/1-A
Matrix: Water
Analysis Batch: 312171

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311900

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/08/26 11:30	04/08/26 22:00	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/08/26 11:30	04/08/26 22:00	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/08/26 11:30	04/08/26 22:00	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/08/26 11:30	04/08/26 22:00	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/08/26 11:30	04/08/26 22:00	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/08/26 11:30	04/08/26 22:00	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/08/26 11:30	04/08/26 22:00	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/08/26 11:30	04/08/26 22:00	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/08/26 11:30	04/08/26 22:00	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/08/26 11:30	04/08/26 22:00	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/08/26 11:30	04/08/26 22:00	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/08/26 11:30	04/08/26 22:00	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/08/26 11:30	04/08/26 22:00	1

Lab Sample ID: LCS 860-311900/2-A
Matrix: Water
Analysis Batch: 312171

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311900

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4918		mg/L		98	80 - 120
Antimony	0.100	0.09415		mg/L		94	80 - 120
Arsenic	0.100	0.09846		mg/L		98	80 - 120
Barium	0.100	0.09946		mg/L		99	80 - 120
Beryllium	0.100	0.1000		mg/L		100	80 - 120
Cadmium	0.100	0.09833		mg/L		98	80 - 120
Chromium	0.100	0.09960		mg/L		100	80 - 120
Cobalt	0.100	0.09928		mg/L		99	80 - 120
Iron	0.500	0.5045		mg/L		101	80 - 120
Lead	0.100	0.09893		mg/L		99	80 - 120
Molybdenum	0.100	0.09978		mg/L		100	80 - 120
Selenium	0.100	0.09619		mg/L		96	80 - 120
Thallium	0.100	0.09905		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-311900/3-A
Matrix: Water
Analysis Batch: 312171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4849		mg/L		97	80 - 120	1	20
Antimony	0.100	0.09375		mg/L		94	80 - 120	0	20
Arsenic	0.100	0.09836		mg/L		98	80 - 120	0	20

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

Lab Sample ID: LCSD 860-311900/3-A
Matrix: Water
Analysis Batch: 312171

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311900

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.100	0.09914		mg/L		99	80 - 120	0	20
Beryllium	0.100	0.09961		mg/L		100	80 - 120	0	20
Cadmium	0.100	0.09764		mg/L		98	80 - 120	1	20
Chromium	0.100	0.09931		mg/L		99	80 - 120	0	20
Cobalt	0.100	0.09916		mg/L		99	80 - 120	0	20
Iron	0.500	0.5081		mg/L		102	80 - 120	1	20
Lead	0.100	0.09937		mg/L		99	80 - 120	0	20
Molybdenum	0.100	0.09948		mg/L		99	80 - 120	0	20
Selenium	0.100	0.09864		mg/L		99	80 - 120	3	20
Thallium	0.100	0.09826		mg/L		98	80 - 120	1	20

Lab Sample ID: MB 860-312248/1-A
Matrix: Water
Analysis Batch: 312598

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312248

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/09/26 10:30	04/09/26 17:46	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 10:30	04/09/26 17:46	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/09/26 10:30	04/09/26 17:46	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/09/26 10:30	04/09/26 17:46	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 10:30	04/09/26 17:46	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 10:30	04/09/26 17:46	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 10:30	04/09/26 17:46	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/09/26 10:30	04/09/26 17:46	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/09/26 10:30	04/09/26 17:46	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 10:30	04/09/26 17:46	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 10:30	04/09/26 17:46	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 10:30	04/09/26 17:46	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 10:30	04/09/26 17:46	1

Lab Sample ID: LCS 860-312248/2-A
Matrix: Water
Analysis Batch: 312598

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312248

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4843		mg/L		97	80 - 120
Antimony	0.100	0.09816		mg/L		98	80 - 120
Arsenic	0.100	0.09479		mg/L		95	80 - 120
Barium	0.100	0.09797		mg/L		98	80 - 120
Beryllium	0.100	0.1028		mg/L		103	80 - 120
Cadmium	0.100	0.09619		mg/L		96	80 - 120
Chromium	0.100	0.09776		mg/L		98	80 - 120
Cobalt	0.100	0.09683		mg/L		97	80 - 120
Iron	0.500	0.5051		mg/L		101	80 - 120
Lead	0.100	0.09793		mg/L		98	80 - 120
Molybdenum	0.100	0.09830		mg/L		98	80 - 120
Selenium	0.100	0.09555		mg/L		96	80 - 120
Thallium	0.100	0.09745		mg/L		97	80 - 120

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

Lab Sample ID: LCSD 860-312248/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 312598
Prep Batch: 312248

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4845		mg/L		97	80 - 120	0	20
Antimony			0.100	0.09831		mg/L		98	80 - 120	0	20
Arsenic			0.100	0.09475		mg/L		95	80 - 120	0	20
Barium			0.100	0.09775		mg/L		98	80 - 120	0	20
Beryllium			0.100	0.1031		mg/L		103	80 - 120	0	20
Cadmium			0.100	0.09622		mg/L		96	80 - 120	0	20
Chromium			0.100	0.09737		mg/L		97	80 - 120	0	20
Cobalt			0.100	0.09639		mg/L		96	80 - 120	0	20
Iron			0.500	0.4992		mg/L		100	80 - 120	1	20
Lead			0.100	0.09781		mg/L		98	80 - 120	0	20
Molybdenum			0.100	0.09806		mg/L		98	80 - 120	0	20
Selenium			0.100	0.09748		mg/L		97	80 - 120	2	20
Thallium			0.100	0.09794		mg/L		98	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-311657/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 311934
Prep Batch: 311657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 02:18	1

Lab Sample ID: LCS 860-311657/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 311934
Prep Batch: 311657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001774		mg/L		89	80 - 120		

Lab Sample ID: LCSD 860-311657/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 311934
Prep Batch: 311657

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001830		mg/L		91	80 - 120	3	20

Lab Sample ID: 870-45387-1 MS
Client Sample ID: SFL MW-6D
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 311934
Prep Batch: 311657

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	<0.0000706	U F1	0.00200	0.001360	F1	mg/L		68	75 - 125		

Lab Sample ID: 870-45387-1 MSD
Client Sample ID: SFL MW-6D
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 311934
Prep Batch: 311657

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	<0.0000706	U F1	0.00200	0.001404	F1	mg/L		70	75 - 125	3	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-312514/1-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312514

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:07	04/10/26 04:57	1

Lab Sample ID: LCS 860-312514/2-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312514

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001869		mg/L		93	80 - 120

Lab Sample ID: LCSD 860-312514/3-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312514

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001904		mg/L		95	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-311419/3
Matrix: Water
Analysis Batch: 311419

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/06/26 11:27	1

Lab Sample ID: LCS 860-311419/11
Matrix: Water
Analysis Batch: 311419

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	255.8		mg/L		102	85 - 115

Lab Sample ID: LCSD 860-311419/12
Matrix: Water
Analysis Batch: 311419

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	249.3		mg/L		100	85 - 115	3	20

Lab Sample ID: LLCS 860-311419/4
Matrix: Water
Analysis Batch: 311419

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	4.347		mg/L		109	50 - 150

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

Lab Sample ID: MB 870-37224/1
Matrix: Water
Analysis Batch: 37224

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	<2.50	U	2.50	2.50	mg/L			04/02/26 13:43	1

Lab Sample ID: LCS 870-37224/2
Matrix: Water
Analysis Batch: 37224

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			1000	991.0		mg/L		99	80 - 120		

Lab Sample ID: LCSD 870-37224/3
Matrix: Water
Analysis Batch: 37224

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	956.0		mg/L		96	80 - 120	4	10

Lab Sample ID: MB 870-37260/1
Matrix: Water
Analysis Batch: 37260

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	<2.50	U	2.50	2.50	mg/L			04/03/26 12:51	1

Lab Sample ID: LCS 870-37260/2
Matrix: Water
Analysis Batch: 37260

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			1000	1064		mg/L		106	80 - 120		

Lab Sample ID: LCSD 870-37260/3
Matrix: Water
Analysis Batch: 37260

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1020		mg/L		102	80 - 120	4	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-45387-3 DU
Matrix: Water
Analysis Batch: 37210

Client Sample ID: SFL MW-1S (Contingency)
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	3.7	HF		3.7		SU				0.5	20
Temperature	21.5	HF		21.3		Celsius				0.9	20

Method: SM 4500 H+ B - pH (Continued)

Lab Sample ID: 870-45387-6 DU
Matrix: Water
Analysis Batch: 37210

Client Sample ID: EB-1
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	7.6	HF	7.6		SU		0.4	20
Temperature	21.0	HF	21.0		Celsius		0	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-764179/1-A
Matrix: Water
Analysis Batch: 767359

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764179

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	26.95		18.3	18.5	50.0	25.1	pCi/L	04/02/26 16:04	04/24/26 10:20	1
Radium-228	-9.512	U G	33.6	33.6	50.0	59.4	pCi/L	04/02/26 16:04	04/24/26 10:20	1
Combined Radium 226 + 228	17.44	U	38.3	38.4		59.4	pCi/L	04/02/26 16:04	04/24/26 10:20	1

Lab Sample ID: LCS 160-764179/2-A
Matrix: Water
Analysis Batch: 767360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764179

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Americium-241	142000	149200		15300		514	pCi/L	105	75 - 125
Cesium-137	37200	36290		3560		233	pCi/L	98	75 - 125
Cobalt-60	47600	46900		4580		163	pCi/L	98	75 - 125

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-764304/1-A
Matrix: Water
Analysis Batch: 767921

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764304

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.01397	U	0.0560	0.0560	1.00	0.109	pCi/L	04/03/26 12:11	04/27/26 10:51	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*04/03/26 12:11*	*04/27/26 10:51*	*1*

Lab Sample ID: LCS 160-764304/2-A
Matrix: Water
Analysis Batch: 767921

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764304

Analyte	Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits
Radium-226	9.57	10.24		1.08	1.00	0.117	pCi/L	107	75 - 125

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.5*		*30 - 110*

QC Sample Results

Client: HDR Inc
Project/Site: Gibbons Creek Steam Electric Station

Job ID: 870-45387-1

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-764305/1-A
Matrix: Water
Analysis Batch: 766265

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764305

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.2753	U	0.301	0.302	1.00	0.647	pCi/L	04/03/26 12:13	04/17/26 14:35	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*82.9*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:35*	*1*
Y Carrier	*80.4*		*30 - 110*	*04/03/26 12:13*	*04/17/26 14:35*	*1*

Lab Sample ID: LCS 160-764305/2-A
Matrix: Water
Analysis Batch: 766265

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764305

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.23	11.95		1.60	1.00	0.665	pCi/L	129	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*83.5*		*30 - 110*
Y Carrier	*81.9*		*30 - 110*

HPLC/IC

Analysis Batch: 311437

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-6	EB-1	Total/NA	Water	9056A	
MB 860-311437/3	Method Blank	Total/NA	Water	9056A	
LCS 860-311437/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311437/5	Lab Control Sample Dup	Total/NA	Water	9056A	

Analysis Batch: 311439

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	9056A	
870-45387-1	SFL MW-6D	Total/NA	Water	9056A	
870-45387-2	SFL MW-1S	Total/NA	Water	9056A	
870-45387-2	SFL MW-1S	Total/NA	Water	9056A	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	9056A	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	9056A	
870-45387-4	SFL MW-5D	Total/NA	Water	9056A	
870-45387-4	SFL MW-5D	Total/NA	Water	9056A	
870-45387-5	SFL MW-2D	Total/NA	Water	9056A	
870-45387-5	SFL MW-2D	Total/NA	Water	9056A	
MB 860-311439/3	Method Blank	Total/NA	Water	9056A	
MB 860-311439/62	Method Blank	Total/NA	Water	9056A	
LCS 860-311439/4	Lab Control Sample	Total/NA	Water	9056A	
LCS 860-311439/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311439/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LCSD 860-311439/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-311439/66	Lab Control Sample	Total/NA	Water	9056A	
LLCS 860-311439/7	Lab Control Sample	Total/NA	Water	9056A	
870-45387-1 MS	SFL MW-6D	Total/NA	Water	9056A	
870-45387-1 MSD	SFL MW-6D	Total/NA	Water	9056A	

Metals

Leach Batch: 311477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-311477/1-B	Method Blank	Total/NA	Water	1312	

Prep Batch: 311617

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	3010A	
MB 860-311617/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-311617/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-311617/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 311657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Dissolved	Water	7470A	
870-45387-1	SFL MW-6D	Total/NA	Water	7470A	
870-45387-2	SFL MW-1S	Dissolved	Water	7470A	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	7470A	
870-45387-4	SFL MW-5D	Dissolved	Water	7470A	
870-45387-5	SFL MW-2D	Dissolved	Water	7470A	
870-45387-5	SFL MW-2D	Total/NA	Water	7470A	
870-45387-6	EB-1	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 311657 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-311657/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-311657/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-311657/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	
870-45387-1 MS	SFL MW-6D	Total/NA	Water	7470A	
870-45387-1 MSD	SFL MW-6D	Total/NA	Water	7470A	

Prep Batch: 311900

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	3010A	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	3010A	
LB 860-311477/1-B	Method Blank	Total/NA	Water	3010A	311477
MB 860-311900/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-311900/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-311900/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 311931

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Dissolved	Water	3010A	
870-45387-4	SFL MW-5D	Dissolved	Water	3010A	
870-45387-5	SFL MW-2D	Dissolved	Water	3010A	
MB 860-311931/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-311931/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-311931/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 311932

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	3010A	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	3010A	
MB 860-311932/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-311932/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-311932/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 311934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Dissolved	Water	7470A	311657
870-45387-1	SFL MW-6D	Total/NA	Water	7470A	311657
870-45387-2	SFL MW-1S	Dissolved	Water	7470A	311657
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	7470A	311657
870-45387-4	SFL MW-5D	Dissolved	Water	7470A	311657
870-45387-5	SFL MW-2D	Dissolved	Water	7470A	311657
870-45387-5	SFL MW-2D	Total/NA	Water	7470A	311657
870-45387-6	EB-1	Total/NA	Water	7470A	311657
MB 860-311657/1-A	Method Blank	Total/NA	Water	7470A	311657
LCS 860-311657/2-A	Lab Control Sample	Total/NA	Water	7470A	311657
LCSD 860-311657/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	311657
870-45387-1 MS	SFL MW-6D	Total/NA	Water	7470A	311657
870-45387-1 MSD	SFL MW-6D	Total/NA	Water	7470A	311657

Analysis Batch: 311952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	6010D	311617

Metals (Continued)

Analysis Batch: 311952 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	6010D	311617
MB 860-311617/1-A	Method Blank	Total/NA	Water	6010D	311617
LCS 860-311617/2-A	Lab Control Sample	Total/NA	Water	6010D	311617
LCSD 860-311617/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	311617

Analysis Batch: 312171

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	6020B	311900
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	6020B	311900
LB 860-311477/1-B	Method Blank	Total/NA	Water	6020B	311900
MB 860-311900/1-A	Method Blank	Total/NA	Water	6020B	311900
LCS 860-311900/2-A	Lab Control Sample	Total/NA	Water	6020B	311900
LCSD 860-311900/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	311900

Prep Batch: 312248

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	3010A	
870-45387-4	SFL MW-5D	Total/NA	Water	3010A	
870-45387-5	SFL MW-2D	Total/NA	Water	3010A	
870-45387-6	EB-1	Total/NA	Water	3010A	
MB 860-312248/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312248/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312248/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312249

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Dissolved	Water	3010A	
870-45387-4	SFL MW-5D	Total/NA	Water	3010A	
870-45387-5	SFL MW-2D	Total/NA	Water	3010A	
MB 860-312249/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312249/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312249/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-6	EB-1	Total/NA	Water	3010A	
MB 860-312277/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312277/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312277/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 312400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Dissolved	Water	6010D	312249
870-45387-2	SFL MW-1S	Dissolved	Water	6010D	312249
870-45387-4	SFL MW-5D	Total/NA	Water	6010D	312249
870-45387-4	SFL MW-5D	Total/NA	Water	6010D	312249
870-45387-5	SFL MW-2D	Total/NA	Water	6010D	312249
870-45387-5	SFL MW-2D	Total/NA	Water	6010D	312249
MB 860-312249/1-A	Method Blank	Total/NA	Water	6010D	312249
LCS 860-312249/2-A	Lab Control Sample	Total/NA	Water	6010D	312249
LCSD 860-312249/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	312249

Metals

Prep Batch: 312514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	7470A	
870-45387-4	SFL MW-5D	Total/NA	Water	7470A	
MB 860-312514/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-312514/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-312514/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 312546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	7470A	312514
870-45387-4	SFL MW-5D	Total/NA	Water	7470A	312514
MB 860-312514/1-A	Method Blank	Total/NA	Water	7470A	312514
LCS 860-312514/2-A	Lab Control Sample	Total/NA	Water	7470A	312514
LCSD 860-312514/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	312514

Analysis Batch: 312598

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	6020B	312248
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	6020B	311900
870-45387-4	SFL MW-5D	Total/NA	Water	6020B	312248
870-45387-5	SFL MW-2D	Total/NA	Water	6020B	312248
870-45387-6	EB-1	Total/NA	Water	6020B	312248
MB 860-312248/1-A	Method Blank	Total/NA	Water	6020B	312248
LCS 860-312248/2-A	Lab Control Sample	Total/NA	Water	6020B	312248
LCSD 860-312248/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312248

Analysis Batch: 312630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-6	EB-1	Total/NA	Water	6010D	312277
MB 860-312277/1-A	Method Blank	Total/NA	Water	6010D	312277
LCS 860-312277/2-A	Lab Control Sample	Total/NA	Water	6010D	312277
LCSD 860-312277/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	312277

Analysis Batch: 312665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	6010D	311932
870-45387-1	SFL MW-6D	Total/NA	Water	6010D	311932
870-45387-2	SFL MW-1S	Dissolved	Water	6010D	312249
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	6010D	311932
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	6010D	311932
MB 860-311932/1-A	Method Blank	Total/NA	Water	6010D	311932
MB 860-312249/1-A	Method Blank	Total/NA	Water	6010D	312249
LCS 860-311932/2-A	Lab Control Sample	Total/NA	Water	6010D	311932
LCS 860-312249/2-A	Lab Control Sample	Total/NA	Water	6010D	312249
LCSD 860-311932/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	311932
LCSD 860-312249/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	312249

Analysis Batch: 312753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-2	SFL MW-1S	Total/NA	Water	6020B	312248
870-45387-4	SFL MW-5D	Total/NA	Water	6020B	312248
870-45387-5	SFL MW-2D	Total/NA	Water	6020B	312248

Metals (Continued)

Analysis Batch: 312753 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-6	EB-1	Total/NA	Water	6020B	312248

Analysis Batch: 312799

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Dissolved	Water	6010D	311931
870-45387-1	SFL MW-6D	Dissolved	Water	6010D	311931
870-45387-4	SFL MW-5D	Dissolved	Water	6010D	311931
870-45387-4	SFL MW-5D	Dissolved	Water	6010D	311931
870-45387-5	SFL MW-2D	Dissolved	Water	6010D	311931
870-45387-5	SFL MW-2D	Dissolved	Water	6010D	311931
MB 860-311931/1-A	Method Blank	Total/NA	Water	6010D	311931
LCS 860-311931/2-A	Lab Control Sample	Total/NA	Water	6010D	311931
LCSD 860-311931/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	311931

Analysis Batch: 313200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-4	SFL MW-5D	Dissolved	Water	6010D	311931
870-45387-5	SFL MW-2D	Dissolved	Water	6010D	311931

General Chemistry

Analysis Batch: 37210

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	SM 4500 H+ B	
870-45387-2	SFL MW-1S	Total/NA	Water	SM 4500 H+ B	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	SM 4500 H+ B	
870-45387-4	SFL MW-5D	Total/NA	Water	SM 4500 H+ B	
870-45387-5	SFL MW-2D	Total/NA	Water	SM 4500 H+ B	
870-45387-6	EB-1	Total/NA	Water	SM 4500 H+ B	
870-45387-3 DU	SFL MW-1S (Contingency)	Total/NA	Water	SM 4500 H+ B	
870-45387-6 DU	EB-1	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 37224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	SM 2540C	
870-45387-2	SFL MW-1S	Total/NA	Water	SM 2540C	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	SM 2540C	
870-45387-4	SFL MW-5D	Total/NA	Water	SM 2540C	
870-45387-5	SFL MW-2D	Total/NA	Water	SM 2540C	
MB 870-37224/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37224/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37224/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 37260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-6	EB-1	Total/NA	Water	SM 2540C	
MB 870-37260/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37260/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37260/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

QC Association Summary

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

General Chemistry

Analysis Batch: 311419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	SM 2320B	
870-45387-2	SFL MW-1S	Total/NA	Water	SM 2320B	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	SM 2320B	
870-45387-4	SFL MW-5D	Total/NA	Water	SM 2320B	
870-45387-5	SFL MW-2D	Total/NA	Water	SM 2320B	
870-45387-6	EB-1	Total/NA	Water	SM 2320B	
MB 860-311419/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-311419/11	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-311419/12	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-311419/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 764179

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	Fill_Geo-21	
870-45387-2	SFL MW-1S	Total/NA	Water	Fill_Geo-21	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	Fill_Geo-21	
870-45387-4	SFL MW-5D	Total/NA	Water	Fill_Geo-21	
870-45387-5	SFL MW-2D	Total/NA	Water	Fill_Geo-21	
870-45387-6	EB-1	Total/NA	Water	Fill_Geo-21	
MB 160-764179/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-764179/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 764304

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	PrecSep-21	
870-45387-2	SFL MW-1S	Total/NA	Water	PrecSep-21	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	PrecSep-21	
870-45387-4	SFL MW-5D	Total/NA	Water	PrecSep-21	
870-45387-5	SFL MW-2D	Total/NA	Water	PrecSep-21	
870-45387-6	EB-1	Total/NA	Water	PrecSep-21	
MB 160-764304/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-764304/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 764305

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45387-1	SFL MW-6D	Total/NA	Water	PrecSep_0	
870-45387-2	SFL MW-1S	Total/NA	Water	PrecSep_0	
870-45387-3	SFL MW-1S (Contingency)	Total/NA	Water	PrecSep_0	
870-45387-4	SFL MW-5D	Total/NA	Water	PrecSep_0	
870-45387-5	SFL MW-2D	Total/NA	Water	PrecSep_0	
870-45387-6	EB-1	Total/NA	Water	PrecSep_0	
MB 160-764305/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-764305/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Client Sample ID: SFL MW-6D
Lab Sample ID: 870-45387-1

Date Collected: 03/30/26 07:30
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311439	04/07/26 18:55	RJD	EET HOU
Total/NA	Analysis	9056A		10			311439	04/07/26 19:05	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		1			312799	04/10/26 15:16	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		10			312799	04/10/26 15:18	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 19:10	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		10			312665	04/09/26 19:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311900	04/08/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312171	04/08/26 22:38	JM	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Dissolved	Analysis	7470A		1			311934	04/08/26 03:54	JDM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 02:35	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 14:22	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37224	04/02/26 13:43	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767366	04/24/26 08:23	CAH	EET SL
Total/NA	Prep	PrecSep-21			759.12 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 12:55	FLC	EET SL
Total/NA	Prep	PrecSep_0			759.12 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766360	04/17/26 14:51	SWS	EET SL

Client Sample ID: SFL MW-1S
Lab Sample ID: 870-45387-2

Date Collected: 03/30/26 07:55
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311439	04/07/26 18:35	RJD	EET HOU
Total/NA	Analysis	9056A		10			311439	04/07/26 18:45	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	312249	04/09/26 10:30	MD	EET HOU
Dissolved	Analysis	6010D		1			312400	04/09/26 16:26	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	312249	04/09/26 10:30	MD	EET HOU
Dissolved	Analysis	6010D		50			312400	04/09/26 16:30	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	312249	04/09/26 10:30	MD	EET HOU
Dissolved	Analysis	6010D		1			312665	04/09/26 22:03	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311617	04/07/26 14:00	MD	EET HOU
Total/NA	Analysis	6010D		1			311952	04/08/26 13:02	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311617	04/07/26 14:00	MD	EET HOU
Total/NA	Analysis	6010D		50			311952	04/08/26 13:04	JDM	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-1S
Lab Sample ID: 870-45387-2
Date Collected: 03/30/26 07:55
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:18	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:38	JM	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Dissolved	Analysis	7470A		1			311934	04/08/26 03:58	JDM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 13:47	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37224	04/02/26 13:43	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767368	04/24/26 10:22	CAH	EET SL
Total/NA	Prep	PrecSep-21			758.10 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:55	FLC	EET SL
Total/NA	Prep	PrecSep_0			758.10 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766360	04/17/26 14:52	SWS	EET SL

Client Sample ID: SFL MW-1S (Contingency)
Lab Sample ID: 870-45387-3
Date Collected: 03/30/26 09:20
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311439	04/07/26 18:16	RJD	EET HOU
Total/NA	Analysis	9056A		10			311439	04/07/26 18:26	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312665	04/09/26 19:13	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311932	04/08/26 13:30	MD	EET HOU
Total/NA	Analysis	6010D		5			312665	04/09/26 19:15	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311900	04/08/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312171	04/08/26 23:01	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	311900	04/08/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312598	04/09/26 15:46	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 02:59	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 13:44	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37224	04/02/26 13:43	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:23	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767364	04/24/26 10:23	CAH	EET SL
Total/NA	Prep	PrecSep-21			755.51 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 10:55	FLC	EET SL
Total/NA	Prep	PrecSep_0			755.51 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766360	04/17/26 14:52	SWS	EET SL

Client Sample ID: SFL MW-5D
Lab Sample ID: 870-45387-4

Date Collected: 03/30/26 11:10
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311439	04/07/26 15:21	RJD	EET HOU
Total/NA	Analysis	9056A		10			311439	04/07/26 15:31	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		1			312799	04/10/26 15:23	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		10			312799	04/10/26 15:25	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		1			313200	04/13/26 15:00	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312249	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312400	04/09/26 16:38	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312249	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312400	04/09/26 16:43	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:22	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:40	JM	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Dissolved	Analysis	7470A		1			311934	04/08/26 04:01	JDM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:19	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 13:37	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37224	04/02/26 13:43	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:26	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767363	04/24/26 10:23	CAH	EET SL
Total/NA	Prep	PrecSep-21			754.52 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 11:41	FLC	EET SL
Total/NA	Prep	PrecSep_0			754.52 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766360	04/17/26 14:52	SWS	EET SL

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-45387-5

Date Collected: 03/30/26 12:35
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311439	04/07/26 21:01	RJD	EET HOU
Total/NA	Analysis	9056A		10			311439	04/07/26 21:11	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		1			312799	04/10/26 15:26	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		25			312799	04/10/26 15:28	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	311931	04/08/26 13:25	MD	EET HOU
Dissolved	Analysis	6010D		1			313200	04/13/26 15:08	JDM	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-2D
Lab Sample ID: 870-45387-5
Date Collected: 03/30/26 12:35
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	312249	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312400	04/09/26 16:39	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312249	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312400	04/09/26 16:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:25	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:42	JM	EET HOU
Dissolved	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Dissolved	Analysis	7470A		1			311934	04/08/26 04:05	JDM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:02	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 13:32	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37224	04/02/26 16:07	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:26	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767366	04/24/26 10:24	CAH	EET SL
Total/NA	Prep	PrecSep-21			502.48 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 12:55	FLC	EET SL
Total/NA	Prep	PrecSep_0			502.48 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766360	04/17/26 14:52	SWS	EET SL

Client Sample ID: EB-1
Lab Sample ID: 870-45387-6
Date Collected: 03/30/26 13:45
Matrix: Water
Date Received: 04/01/26 08:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311437	04/07/26 19:17	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 17:35	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312753	04/10/26 13:33	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312248	04/09/26 10:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312598	04/09/26 18:48	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:13	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311419	04/06/26 14:18	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	37260	04/03/26 12:51	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37210	04/02/26 11:26	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764179	04/02/26 16:04	DC	EET SL
Total/NA	Analysis	901.1		1			767363	04/24/26 11:43	CAH	EET SL
Total/NA	Prep	PrecSep-21			1005.38 mL	1.0 g	764304	04/03/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			767921	04/27/26 12:55	FLC	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: EB-1
Date Collected: 03/30/26 13:45
Date Received: 04/01/26 08:43

Lab Sample ID: 870-45387-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1005.38 mL	1.0 g	764305	04/03/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1			766360	04/17/26 14:52	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency
None = None
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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: HDR Inc
Job ID: 870-45387-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-45387-1	SFL MW-6D	Water	03/30/26 07:30	04/01/26 08:43	Texas
870-45387-2	SFL MW-1S	Water	03/30/26 07:55	04/01/26 08:43	Texas
870-45387-3	SFL MW-1S (Contingency)	Water	03/30/26 09:20	04/01/26 08:43	Texas
870-45387-4	SFL MW-5D	Water	03/30/26 11:10	04/01/26 08:43	Texas
870-45387-5	SFL MW-2D	Water	03/30/26 12:35	04/01/26 08:43	Texas
870-45387-6	EB-1	Water	03/30/26 13:45	04/01/26 08:43	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

4/30/2026

Client Information	Sampler: W.R. CULLEN	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2874	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
SFL MW-6D	3/30/26	0730	G	W	Y		X	X	X	X	X	X	X	X	X	7	
SFL MW-1S	3/30/26	0755	G	W	Y		X	X	X	X	X	X	X	X	X	7	
SFL MW-1S (contingency)	3/30/26	0920	G	W			X	X	X	X	X	X		X	X	6	
SFL MW-5D	3/30/26	1000	G	W	Y		X	X	X	X	X	X	X	X	X	7	
SFL MW-2D	3/30/26	1235	G	W	Y		X	X	X	X	X	X	X	X	X	7	
FB-1	3/30/26	1345	G	W			X	X	X	X	X	X		X	X	6	

870-45387 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8899 6740 0149, 0171

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	W.R. Cullen	3/31/26 1500		FedEx		
2	FedEx	4/1/26 8:43			4/1/26 8:43	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.8 1.0 THm043 CF+0.0

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10188.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-45387-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 4/8/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
SFL MW-6D (870-45387-1)	3/30/26	07:30 Central	G	Water			X	X	X	2	
SFL MW-1S (870-45387-2)	3/30/26	07:55 Central	G	Water			X	X	X	2	
SFL MW-1S (Contingency) (870-45387-3)	3/30/26	09:20 Central	G	Water			X	X	X	2	
SFL MW-5D (870-45387-4)	3/30/26	11:10 Central	G	Water			X	X	X	2	
SFL MW-2D (870-45387-5)	3/30/26	12:35 Central	G	Water			X	X	X	2	
EB-1 (870-45387-6)	3/30/26	13:45 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: APR 01 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time: 0930 APR 02 2026	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10189.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-45387 1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/7/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) LI + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	6010D/FIELD_FLTRDDissolved Metals (Hold)	7470A/FIELD_FLTRDDissolved Mercury (Hold)					Total Number of containers	Special Instructions/Note:
			Preservation Code:																		
SFL MW-6D (870-45387-1)	3/30/26	07:30 Central	G	Water			X	X	X	X	X	X	X							4	Field filtered dissolved metals, Field Filtered Dissolved Hg
SFL MW-1S (870-45387-2)	3/30/26	07:55 Central	G	Water			X	X	X	X	X	X	X							4	Field filtered dissolved metals, Field Filtered Dissolved Hg
SFL MW-1S (Contingency) (870-45387-3)	3/30/26	09:20 Central	G	Water			X	X	X	X	X									3	
SFL MW-5D (870-45387-4)	3/30/26	11:10 Central	G	Water			X	X	X	X	X	X	X							4	Field filtered dissolved metals, Field Filtered Dissolved Hg
SFL MW-2D (870-45387-5)	3/30/26	12:35 Central	G	Water			X	X	X	X	X	X	X							4	Field filtered dissolved metals, Field Filtered Dissolved Hg
EB-1 (870-45387-6)	3/30/26	13:45 Central	G	Water			X	X	X	X	X			X	X					4	Field filtered dissolved metals, Field Filtered Dissolved Hg

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

	Date/Time	Company		Date/Time	Company
Relinquished by:	04/01/26 - 1700		Received by: TPX		
Relinquished by:			Received by: APR 01		
Relinquished by:			Received by: FC	Date/Time: 4/2/26 7:00	

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 400-368 2.1

Ver 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45387-1

Login Number: 45387
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
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	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45387-1

Login Number: 45387
List Number: 2
Creator: Carreon, Fernando

List Source: Eurofins Houston
List Creation: 04/02/26 07:21 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	False	
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	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45387-1

Login Number: 45387
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 04/02/26 02:31 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 5/1/2026 5:31:17 PM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-45430-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

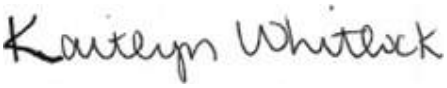
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 7
Tracer Carrier Summary 16
QC Sample Results 17
QC Association Summary 25
Lab Chronicle 29
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 39

Definitions/Glossary

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Job Narrative
870-45430-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/2/2026 10:44 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 0.4°C and 0.6°C.

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

Metals
Method 6020B: The following samples were diluted due to the nature of the sample matrix: AP MW-5D (870-45430-3), SFL MW-4S (870-45430-4) and AP PZ-1 (870-45430-5). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: AP MW-7S (870-45430-1), AP MW-7D (870-45430-2), AP MW-5D (870-45430-3), SFL MW-4S (870-45430-4), AP PZ-1 (870-45430-5), AP PZ-4S (870-45430-6), (870-45430-C-6 DU), (870-45433-C-5) and (870-45433-C-5 DU).

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

Gamma Spectroscopy
Method 901.1: Gamma 160-764329
The detection goal for Ra228 was not met. This is caused by statistical fluctuations in the Compton background due to low level activity in the samples in conjunction with the software attempting to fit a peak into the noise of this baseline.

AP PZ-1 (870-45430-5) and AP PZ-4S (870-45430-6)

Method 901.1: Gamma 160-764329
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216

Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211

AP MW-7S (870-45430-1), AP MW-7D (870-45430-2), AP MW-5D (870-45430-3), SFL MW-4S (870-45430-4), AP PZ-1 (870-45430-5), AP PZ-4S (870-45430-6) and (870-45430-B-1-B DU)

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

Gas Flow Proportional Counter
Method 904.0: Radium 228 Batch 764422

The following sample(s) did not meet the requested limit (RL). However the activity in the affected samples is above the MDC achieved. The data will be qualified and reported with this narrative. AP PZ-1 (870-45430-5)

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

Client Sample ID: AP MW-7S
Lab Sample ID: 870-45430-1

Date Collected: 03/31/26 08:30
Matrix: Water

Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**385**		0.500	0.250	mg/L			04/08/26 15:03	1
Fluoride	**2.84**		0.500	0.100	mg/L			04/08/26 15:03	1
Sulfate	**3630**		5.00	2.00	mg/L			04/08/26 15:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.38**		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:38	1
Calcium	**590**		10.0	5.08	mg/L		04/09/26 11:30	04/09/26 17:44	50
Magnesium	**154**		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:38	1
Potassium	**59.1**		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:38	1
Sodium	**835**		25.0	7.59	mg/L		04/09/26 11:30	04/09/26 17:44	50
Lithium	**1.07**		0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:38	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7.04**		0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:43	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:43	1
Arsenic	**0.0146**		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:43	1
Barium	**0.0234**		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:43	1
Beryllium	**0.129**		0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 20:43	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:43	1
Chromium	**0.000863**	**J**	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:43	1
Cobalt	**0.0394**		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:43	1
Iron	**15.8**		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:43	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:43	1
Molybdenum	**0.000574**	**J**	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:43	1
Selenium	**0.129**		0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:43	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:43	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/13/26 22:53	04/14/26 05:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/07/26 13:01	1
Total Dissolved Solids (SM 2540C)	**5160**		20.0	20.0	mg/L			04/03/26 12:51	1
pH (SM 4500 H+ B)	**4.2**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**19.1**	**HF**			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	10.8	U	19.4	19.4	50.0	30.4	pCi/L	04/03/26 14:25	04/24/26 11:45	1
Radium-228	4.78	U G	31.0	31.0	50.0	52.3	pCi/L	04/03/26 14:25	04/24/26 11:45	1
Combined Radium 226 + 228	15.6	U	36.6	36.6		52.3	pCi/L	04/03/26 14:25	04/24/26 11:45	1

Client Sample ID: AP MW-7S
Lab Sample ID: 870-45430-1
Date Collected: 03/31/26 08:30
Matrix: Water
Date Received: 04/02/26 10:44

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.732**		0.144	0.159	1.00	0.0737	pCi/L	04/06/26 12:54	04/29/26 07:21	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.7*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:21*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**2.45**		0.612	0.652	1.00	0.669	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*86.7*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*
Y Carrier	*80.0*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*

Client Sample ID: AP MW-7D
Lab Sample ID: 870-45430-2
Date Collected: 03/31/26 09:55
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1020**		5.00	2.50	mg/L			04/08/26 16:11	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/08/26 16:01	1
Sulfate	**1250**		5.00	2.00	mg/L			04/08/26 16:11	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.994**		0.0500	0.0162	mg/L		04/09/26 11:35	04/09/26 17:49	1
Calcium	**380**		0.200	0.102	mg/L		04/09/26 11:35	04/09/26 17:49	1
Magnesium	**58.4**		0.200	0.0445	mg/L		04/09/26 11:35	04/09/26 17:49	1
Potassium	**48.5**		0.500	0.106	mg/L		04/09/26 11:35	04/09/26 17:49	1
Sodium	**760**		25.0	7.59	mg/L		04/09/26 11:35	04/09/26 17:58	50
Lithium	**0.494**		0.0400	0.0174	mg/L		04/09/26 11:35	04/09/26 17:49	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0143**	**J**	0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:45	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:45	1
Arsenic	**0.00777**		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:45	1
Barium	**0.0474**		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:45	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 20:45	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:45	1
Chromium	**0.000561**	**J**	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:45	1
Cobalt	**0.00212**		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:45	1
Iron	**0.976**		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:45	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:45	1
Molybdenum	**0.00856**		0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:45	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:45	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:45	1

Client Sample ID: AP MW-7D
Lab Sample ID: 870-45430-2
Date Collected: 03/31/26 09:55
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/13/26 22:53	04/14/26 05:21	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	262		4.00	4.00	mg/L			04/07/26 12:55	1
Total Dissolved Solids (SM 2540C)	3630		20.0	20.0	mg/L			04/03/26 12:51	1
pH (SM 4500 H+ B)	6.7	HF			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	19.6	HF			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-12.2	U	24.7	24.7	50.0	41.4	pCi/L	04/03/26 14:25	04/24/26 12:52	1
Radium-228	26.5	U	24.9	25.1	50.0	36.3	pCi/L	04/03/26 14:25	04/24/26 12:52	1
Combined Radium 226 + 228	14.3	U	35.1	35.2		41.4	pCi/L	04/03/26 14:25	04/24/26 12:52	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.487		0.144	0.150	1.00	0.129	pCi/L	04/06/26 12:54	04/29/26 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.9*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:57*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.69		0.640	0.659	1.00	0.851	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*76.9*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*
Y Carrier	*80.0*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*

Client Sample ID: AP MW-5D
Lab Sample ID: 870-45430-3
Date Collected: 03/31/26 12:25
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1620		5.00	2.50	mg/L			04/08/26 16:31	10
Fluoride	4.10		0.500	0.100	mg/L			04/08/26 16:21	1
Sulfate	3180		5.00	2.00	mg/L			04/08/26 16:31	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.38		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:51	1
Calcium	740		10.0	5.08	mg/L		04/09/26 11:30	04/09/26 17:59	50
Magnesium	175		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:51	1

Client Sample ID: AP MW-5D
Lab Sample ID: 870-45430-3
Date Collected: 03/31/26 12:25
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**72.6**		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:51	1
Sodium	**1360**		25.0	7.59	mg/L		04/09/26 11:30	04/09/26 17:59	50
Lithium	**1.14**		0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:51	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**27.2**		0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:47	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:47	1
Arsenic	**0.0126**		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:47	1
Barium	**0.0162**		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:47	1
Beryllium	**0.167**		0.0100	0.00136	mg/L		04/09/26 11:30	04/10/26 13:39	5
Cadmium	**0.00303**		0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:47	1
Chromium	**0.000612**	**J**	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:47	1
Cobalt	**0.0616**		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:47	1
Iron	**6.90**		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:47	1
Lead	**0.000696**	**J**	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:47	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:47	1
Selenium	**0.133**		0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:47	1
Thallium	**0.000840**	**J**	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:47	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/07/26 12:47	1
Total Dissolved Solids (SM 2540C)	**6060**		50.0	50.0	mg/L			04/03/26 12:51	1
pH (SM 4500 H+ B)	**4.0**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**18.2**	**HF**			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	17.2	U	19.2	19.3	50.0	29.8	pCi/L	04/03/26 14:25	04/24/26 12:52	1
Radium-228	10.9	U	28.9	28.9	50.0	47.6	pCi/L	04/03/26 14:25	04/24/26 12:52	1
Combined Radium 226 + 228	28.1	U	34.7	34.8		47.6	pCi/L	04/03/26 14:25	04/24/26 12:52	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.876**		0.219	0.233	1.00	0.204	pCi/L	04/06/26 12:54	04/29/26 07:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:57*	*1*

Client Sample ID: AP MW-5D
Lab Sample ID: 870-45430-3
Date Collected: 03/31/26 12:25
Matrix: Water
Date Received: 04/02/26 10:44

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**4.81**		0.965	1.06	1.00	0.914	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*
Y Carrier	*77.8*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*

Client Sample ID: SFL MW-4S
Lab Sample ID: 870-45430-4
Date Collected: 03/31/26 08:20
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3460**		5.00	2.50	mg/L			04/08/26 19:29	10
Fluoride	<1.00	U	5.00	1.00	mg/L			04/08/26 19:29	10
Sulfate	**1950**		5.00	2.00	mg/L			04/08/26 19:29	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**2.24**		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:53	1
Calcium	**1320**		10.0	5.08	mg/L		04/09/26 11:30	04/09/26 18:01	50
Magnesium	**285**		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:53	1
Potassium	**86.3**		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:53	1
Sodium	**1820**		25.0	7.59	mg/L		04/09/26 11:30	04/09/26 18:01	50
Lithium	**1.02**		0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:53	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**5.18**		0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:49	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:49	1
Arsenic	**0.00497**		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:49	1
Barium	**0.0381**		0.0200	0.00671	mg/L		04/09/26 11:30	04/10/26 13:42	5
Beryllium	**0.0686**		0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 20:49	1
Cadmium	**0.0353**		0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:49	1
Chromium	**0.00304**	**J**	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:49	1
Cobalt	**0.105**		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:49	1
Iron	**0.192**		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:49	1
Lead	**0.00687**	**J**	0.0100	0.00184	mg/L		04/09/26 11:30	04/10/26 13:42	5
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:49	1
Selenium	**0.0538**		0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:49	1
Thallium	**0.00519**	**J**	0.0100	0.00208	mg/L		04/09/26 11:30	04/10/26 13:42	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:20	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/07/26 13:26	1
Total Dissolved Solids (SM 2540C)	**8880**		50.0	50.0	mg/L			04/03/26 12:52	1

Client Sample ID: SFL MW-4S
Lab Sample ID: 870-45430-4
Date Collected: 03/31/26 08:20
Matrix: Water
Date Received: 04/02/26 10:44

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	4.0	HF			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	15.4	HF			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	8.58	U	19.1	19.1	50.0	30.4	pCi/L	04/03/26 14:25	04/24/26 12:52	1
Radium-228	18.0	U	27.3	27.4	50.0	48.9	pCi/L	04/03/26 14:25	04/24/26 12:52	1
Combined Radium 226 + 228	26.6	U	33.3	33.4		48.9	pCi/L	04/03/26 14:25	04/24/26 12:52	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	2.07		0.266	0.325	1.00	0.114	pCi/L	04/06/26 12:54	04/29/26 07:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	10.2		1.13	1.47	1.00	0.697	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.6*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*
Y Carrier	*78.9*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*

Client Sample ID: AP PZ-1
Lab Sample ID: 870-45430-5
Date Collected: 03/31/26 10:05
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2500		5.00	2.50	mg/L			04/08/26 18:38	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/08/26 18:28	1
Sulfate	1700		5.00	2.00	mg/L			04/08/26 18:38	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.321		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:54	1
Calcium	1090		10.0	5.08	mg/L		04/09/26 11:30	04/09/26 18:02	50
Magnesium	176		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:54	1
Potassium	60.2		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:54	1
Sodium	1100		25.0	7.59	mg/L		04/09/26 11:30	04/09/26 18:02	50
Lithium	0.868		0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:54	1

Client Sample ID: AP PZ-1
Lab Sample ID: 870-45430-5

Date Collected: 03/31/26 10:05
Matrix: Water
Date Received: 04/02/26 10:44

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.279**		0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:36	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:36	1
Arsenic	**0.00565**		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:36	1
Barium	**0.0289**		0.0200	0.00671	mg/L		04/09/26 11:30	04/10/26 13:36	5
Beryllium	**0.00619**	**J**	0.0100	0.00136	mg/L		04/09/26 11:30	04/10/26 13:36	5
Cadmium	**0.0381**		0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:36	1
Chromium	**0.000622**	**J**	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:36	1
Cobalt	**0.0353**		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:36	1
Iron	**0.263**		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:36	1
Lead	<0.00184	U	0.0100	0.00184	mg/L		04/09/26 11:30	04/10/26 13:36	5
Molybdenum	**0.000352**	**J**	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:36	1
Selenium	**0.00622**		0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:36	1
Thallium	<0.00208	U	0.0100	0.00208	mg/L		04/09/26 11:30	04/10/26 13:36	5

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**10.9**		4.00	4.00	mg/L			04/07/26 13:22	1
Total Dissolved Solids (SM 2540C)	**6720**		50.0	50.0	mg/L			04/03/26 12:52	1
pH (SM 4500 H+ B)	**4.8**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**19.4**	**HF**			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	23.0	U	19.2	19.3	50.0	29.0	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Radium-228	-8.66	U G	32.0	32.0	50.0	56.8	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Combined Radium 226 + 228	14.4	U	37.3	37.4		56.8	pCi/L	04/03/26 14:25	04/24/26 13:58	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.72**		0.300	0.338	1.00	0.155	pCi/L	04/06/26 12:54	04/29/26 07:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*50.0*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**7.84**	**G**	1.35	1.53	1.00	1.29	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*50.0*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*

Client Sample ID: AP PZ-1
Lab Sample ID: 870-45430-5
Date Collected: 03/31/26 10:05
Matrix: Water
Date Received: 04/02/26 10:44

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	81.9		30 - 110	04/06/26 12:56	04/21/26 09:46	1

Client Sample ID: AP PZ-4S
Lab Sample ID: 870-45430-6
Date Collected: 03/31/26 11:30
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3140**		5.00	2.50	mg/L			04/08/26 19:49	10
Fluoride	<1.00	U	5.00	1.00	mg/L			04/08/26 19:49	10
Sulfate	**1260**		5.00	2.00	mg/L			04/08/26 19:49	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.07**		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:56	1
Calcium	**995**		10.0	5.08	mg/L		04/09/26 11:30	04/09/26 18:04	50
Magnesium	**151**		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:56	1
Potassium	**102**		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:56	1
Sodium	**1360**		25.0	7.59	mg/L		04/09/26 11:30	04/09/26 18:04	50
Lithium	**1.09**		0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:56	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00707**	**J**	0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:51	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:51	1
Arsenic	**0.00399**	**J**	0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:51	1
Barium	**0.0660**		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:51	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 20:51	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:51	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:51	1
Cobalt	**0.00644**		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:51	1
Iron	**0.576**		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:51	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:51	1
Molybdenum	**0.00205**		0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:51	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:51	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:51	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**183**		4.00	4.00	mg/L			04/07/26 13:30	1
Total Dissolved Solids (SM 2540C)	**7140**		50.0	50.0	mg/L			04/03/26 12:53	1
pH (SM 4500 H+ B)	**6.5**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**19.3**	**HF**			Celsius			04/03/26 11:05	1

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP PZ-4S
Lab Sample ID: 870-45430-6
Date Collected: 03/31/26 11:30
Matrix: Water
Date Received: 04/02/26 10:44

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.2	U	28.1	28.2	50.0	42.7	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Radium-228	14.7	U G	47.4	47.4	50.0	79.5	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Combined Radium 226 + 228	39.9	U	55.1	55.2		79.5	pCi/L	04/03/26 14:25	04/24/26 13:58	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**1.21**		0.216	0.242	1.00	0.122	pCi/L	04/06/26 12:54	04/29/26 07:58	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.3*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:58*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.71**		0.748	0.822	1.00	0.710	pCi/L	04/06/26 12:56	04/21/26 09:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.3*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:45*	*1*
Y Carrier	*83.0*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:45*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-45430-1	AP MW-7S	86.7
870-45430-2	AP MW-7D	76.9
870-45430-3	AP MW-5D	85.3
870-45430-4	SFL MW-4S	80.6
870-45430-5	AP PZ-1	50.0
870-45430-6	AP PZ-4S	74.3
LCS 160-764421/2-A	Lab Control Sample	86.4
MB 160-764421/1-A	Method Blank	85.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-45430-1	AP MW-7S	86.7	80.0
870-45430-2	AP MW-7D	76.9	80.0
870-45430-3	AP MW-5D	85.3	77.8
870-45430-4	SFL MW-4S	80.6	78.9
870-45430-5	AP PZ-1	50.0	81.9
870-45430-6	AP PZ-4S	74.3	83.0
LCS 160-764422/2-A	Lab Control Sample	86.4	77.8
MB 160-764422/1-A	Method Blank	85.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-311826/3
Matrix: Water
Analysis Batch: 311826

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/08/26 10:02	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/08/26 10:02	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/08/26 10:02	1

Lab Sample ID: LCS 860-311826/4
Matrix: Water
Analysis Batch: 311826

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.54		mg/L		105	90 - 110
Fluoride	10.0	10.17		mg/L		102	90 - 110
Sulfate	10.0	10.24		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-311826/5
Matrix: Water
Analysis Batch: 311826

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.55		mg/L		106	90 - 110	0	20
Fluoride	10.0	10.19		mg/L		102	90 - 110	0	20
Sulfate	10.0	10.63		mg/L		106	90 - 110	4	20

Lab Sample ID: LLCS 860-311826/7
Matrix: Water
Analysis Batch: 311826

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6535		mg/L		131	50 - 150
Fluoride	0.500	0.4378	J	mg/L		88	50 - 150
Sulfate	0.500	0.5227		mg/L		105	50 - 150

Lab Sample ID: MB 860-311828/3
Matrix: Water
Analysis Batch: 311828

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/08/26 10:36	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/08/26 10:36	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/08/26 10:36	1

Lab Sample ID: LCS 860-311828/4
Matrix: Water
Analysis Batch: 311828

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.22		mg/L		102	90 - 110
Fluoride	10.0	9.946		mg/L		99	90 - 110
Sulfate	10.0	9.340		mg/L		93	90 - 110

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 860-311828/5
Matrix: Water
Analysis Batch: 311828

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			10.0	10.59		mg/L		106	90 - 110	4	20
Fluoride			10.0	9.929		mg/L		99	90 - 110	0	20
Sulfate			10.0	9.344		mg/L		93	90 - 110	0	20

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-312277/1-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:13	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/09/26 11:30	04/09/26 17:13	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:13	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:13	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/09/26 11:30	04/09/26 17:13	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:13	1

Lab Sample ID: LCS 860-312277/2-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312277

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Boron			1.00	0.9940		mg/L		99	80 - 120		
Calcium			25.0	25.40		mg/L		102	80 - 120		
Magnesium			25.0	25.10		mg/L		100	80 - 120		
Potassium			10.0	9.760		mg/L		98	80 - 120		
Sodium			25.0	24.30		mg/L		97	80 - 120		
Lithium			1.00	0.9310		mg/L		93	80 - 120		

Lab Sample ID: LCSD 860-312277/3-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312277

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron			1.00	1.000		mg/L		100	80 - 120	1	20
Calcium			25.0	25.60		mg/L		102	80 - 120	1	20
Magnesium			25.0	25.40		mg/L		102	80 - 120	1	20
Potassium			10.0	9.830		mg/L		98	80 - 120	1	20
Sodium			25.0	24.40		mg/L		98	80 - 120	0	20
Lithium			1.00	0.9350		mg/L		94	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-312276/1-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 19:55	1

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

Lab Sample ID: MB 860-312276/1-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 19:55	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 19:55	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 19:55	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 19:55	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 19:55	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 19:55	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 19:55	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 19:55	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 19:55	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 19:55	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 19:55	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 19:55	1

Lab Sample ID: LCS 860-312276/2-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5047		mg/L		101	80 - 120
Antimony	0.100	0.1007		mg/L		101	80 - 120
Arsenic	0.100	0.1003		mg/L		100	80 - 120
Barium	0.100	0.1006		mg/L		101	80 - 120
Beryllium	0.100	0.1096		mg/L		110	80 - 120
Cadmium	0.100	0.1005		mg/L		100	80 - 120
Chromium	0.100	0.1025		mg/L		102	80 - 120
Cobalt	0.100	0.1025		mg/L		103	80 - 120
Iron	0.500	0.5264		mg/L		105	80 - 120
Lead	0.100	0.1014		mg/L		101	80 - 120
Molybdenum	0.100	0.1025		mg/L		103	80 - 120
Selenium	0.100	0.1013		mg/L		101	80 - 120
Thallium	0.100	0.1003		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-312276/3-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312276

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4882		mg/L		98	80 - 120	3	20
Antimony	0.100	0.09769		mg/L		98	80 - 120	3	20
Arsenic	0.100	0.09694		mg/L		97	80 - 120	3	20
Barium	0.100	0.09740		mg/L		97	80 - 120	3	20
Beryllium	0.100	0.1088		mg/L		109	80 - 120	1	20
Cadmium	0.100	0.09702		mg/L		97	80 - 120	4	20
Chromium	0.100	0.09920		mg/L		99	80 - 120	3	20
Cobalt	0.100	0.09919		mg/L		99	80 - 120	3	20
Iron	0.500	0.5043		mg/L		101	80 - 120	4	20
Lead	0.100	0.09838		mg/L		98	80 - 120	3	20
Molybdenum	0.100	0.09921		mg/L		99	80 - 120	3	20
Selenium	0.100	0.09834		mg/L		98	80 - 120	3	20

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

Lab Sample ID: LCSD 860-312276/3-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312276

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Thallium			0.100	0.09794		mg/L		98	80 - 120	2	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-311657/1-A
Matrix: Water
Analysis Batch: 311934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 02:18	1

Lab Sample ID: LCS 860-311657/2-A
Matrix: Water
Analysis Batch: 311934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311657

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001774		mg/L		89	80 - 120		

Lab Sample ID: LCSD 860-311657/3-A
Matrix: Water
Analysis Batch: 311934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311657

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001830		mg/L		91	80 - 120	3	20

Lab Sample ID: MB 860-313341/1-A
Matrix: Water
Analysis Batch: 313355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 313341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/13/26 22:53	04/14/26 04:51	1

Lab Sample ID: LCS 860-313341/2-A
Matrix: Water
Analysis Batch: 313355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 313341

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			0.00200	0.001958		mg/L		98	80 - 120		

Lab Sample ID: LCSD 860-313341/3-A
Matrix: Water
Analysis Batch: 313355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 313341

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury			0.00200	0.001951		mg/L		97	80 - 120	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-311807/3
Matrix: Water
Analysis Batch: 311807

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/07/26 11:37	1

Lab Sample ID: LCS 860-311807/5
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	243.9		mg/L		98	85 - 115

Lab Sample ID: LCSD 860-311807/6
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	247.1		mg/L		99	85 - 115	1	20

Lab Sample ID: LLCS 860-311807/4
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	<4.00	U	mg/L		94	50 - 150

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

Lab Sample ID: MB 870-37260/1
Matrix: Water
Analysis Batch: 37260

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	<2.50	U	2.50	2.50	mg/L			04/03/26 12:51	1

Lab Sample ID: LCS 870-37260/2
Matrix: Water
Analysis Batch: 37260

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	1000	1064		mg/L		106	80 - 120

Lab Sample ID: LCSD 870-37260/3
Matrix: Water
Analysis Batch: 37260

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids	1000	1020		mg/L		102	80 - 120	4	10

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

Lab Sample ID: 870-45430-1 DU
Matrix: Water
Analysis Batch: 37260

Client Sample ID: AP MW-7S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	5160			5084		mg/L				1	10

Lab Sample ID: 870-45430-2 DU
Matrix: Water
Analysis Batch: 37260

Client Sample ID: AP MW-7D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3630			3612		mg/L				0.4	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-45430-6 DU
Matrix: Water
Analysis Batch: 37257

Client Sample ID: AP PZ-4S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	6.5	HF		6.5		SU				0.5	20
Temperature	19.3	HF		19.4		Celsius				0.5	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-764329/1-A
Matrix: Water
Analysis Batch: 767367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764329

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	33.55		20.5	20.8	50.0	25.8	pCi/L	04/03/26 14:25	04/24/26 11:43	1
Radium-228	7.900	U	23.6	23.6	50.0	39.9	pCi/L	04/03/26 14:25	04/24/26 11:43	1
Combined Radium 226 + 228	41.45		31.3	31.5		39.9	pCi/L	04/03/26 14:25	04/24/26 11:43	1

Lab Sample ID: LCS 160-764329/2-A
Matrix: Water
Analysis Batch: 767360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764329

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	148200		15200		515	pCi/L	104	75 - 125		
Cesium-137			37200	36040		3540		218	pCi/L	97	75 - 125		
Cobalt-60			47600	46900		4580		158	pCi/L	98	75 - 125		

Lab Sample ID: 870-45430-1 DU
Matrix: Water
Analysis Batch: 767364

Client Sample ID: AP MW-7S
Prep Type: Total/NA
Prep Batch: 764329

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	10.8	U		18.16	U	18.8	50.0	28.0	pCi/L			0.19	1
Radium-228	4.78	U G		3.318	U	29.2	50.0	49.5	pCi/L			0.02	1

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS) (Continued)

Lab Sample ID: 870-45430-1 DU
Matrix: Water
Analysis Batch: 767364

Client Sample ID: AP MW-7S
Prep Type: Total/NA
Prep Batch: 764329

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Combined Radium 226 + 228	15.6	U		21.48	U	34.7		49.5	pCi/L			0.08	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-764421/1-A
Matrix: Water
Analysis Batch: 768331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764421

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02825	U	0.0470	0.0470	1.00	0.0826	pCi/L	04/06/26 12:54	04/29/26 07:19	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:19*	*1*

Lab Sample ID: LCS 160-764421/2-A
Matrix: Water
Analysis Batch: 768351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764421

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	7.663		0.826	1.00	0.0764	pCi/L	80	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-764422/1-A
Matrix: Water
Analysis Batch: 766948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764422

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3849	U	0.425	0.426	1.00	0.695	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*
Y Carrier	*81.1*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-764422/2-A
Matrix: Water
Analysis Batch: 766948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764422

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.22	11.06		1.52	1.00	0.650	pCi/L	120	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*
Y Carrier	*77.8*		*30 - 110*

HPLC/IC

Analysis Batch: 311826

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	9056A	
870-45430-1	AP MW-7S	Total/NA	Water	9056A	
870-45430-2	AP MW-7D	Total/NA	Water	9056A	
870-45430-2	AP MW-7D	Total/NA	Water	9056A	
870-45430-3	AP MW-5D	Total/NA	Water	9056A	
870-45430-3	AP MW-5D	Total/NA	Water	9056A	
MB 860-311826/3	Method Blank	Total/NA	Water	9056A	
LCS 860-311826/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311826/5	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-311826/7	Lab Control Sample	Total/NA	Water	9056A	

Analysis Batch: 311828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-4	SFL MW-4S	Total/NA	Water	9056A	
870-45430-5	AP PZ-1	Total/NA	Water	9056A	
870-45430-5	AP PZ-1	Total/NA	Water	9056A	
870-45430-6	AP PZ-4S	Total/NA	Water	9056A	
MB 860-311828/3	Method Blank	Total/NA	Water	9056A	
LCS 860-311828/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311828/5	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Prep Batch: 311657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-3	AP MW-5D	Total/NA	Water	7470A	
870-45430-4	SFL MW-4S	Total/NA	Water	7470A	
870-45430-5	AP PZ-1	Total/NA	Water	7470A	
870-45430-6	AP PZ-4S	Total/NA	Water	7470A	
MB 860-311657/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-311657/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-311657/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 311934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-3	AP MW-5D	Total/NA	Water	7470A	311657
870-45430-4	SFL MW-4S	Total/NA	Water	7470A	311657
870-45430-5	AP PZ-1	Total/NA	Water	7470A	311657
870-45430-6	AP PZ-4S	Total/NA	Water	7470A	311657
MB 860-311657/1-A	Method Blank	Total/NA	Water	7470A	311657
LCS 860-311657/2-A	Lab Control Sample	Total/NA	Water	7470A	311657
LCSD 860-311657/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	311657

Prep Batch: 312276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	3010A	
870-45430-2	AP MW-7D	Total/NA	Water	3010A	
870-45430-3	AP MW-5D	Total/NA	Water	3010A	
870-45430-4	SFL MW-4S	Total/NA	Water	3010A	
870-45430-5	AP PZ-1	Total/NA	Water	3010A	
870-45430-6	AP PZ-4S	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 312276 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-312276/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312276/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312276/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	3010A	
870-45430-2	AP MW-7D	Total/NA	Water	3010A	
870-45430-3	AP MW-5D	Total/NA	Water	3010A	
870-45430-4	SFL MW-4S	Total/NA	Water	3010A	
870-45430-5	AP PZ-1	Total/NA	Water	3010A	
870-45430-6	AP PZ-4S	Total/NA	Water	3010A	
MB 860-312277/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312277/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312277/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 312599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	6020B	312276
870-45430-2	AP MW-7D	Total/NA	Water	6020B	312276
870-45430-3	AP MW-5D	Total/NA	Water	6020B	312276
870-45430-4	SFL MW-4S	Total/NA	Water	6020B	312276
870-45430-5	AP PZ-1	Total/NA	Water	6020B	312276
870-45430-6	AP PZ-4S	Total/NA	Water	6020B	312276
MB 860-312276/1-A	Method Blank	Total/NA	Water	6020B	312276
LCS 860-312276/2-A	Lab Control Sample	Total/NA	Water	6020B	312276
LCSD 860-312276/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312276

Analysis Batch: 312630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	6010D	312277
870-45430-1	AP MW-7S	Total/NA	Water	6010D	312277
870-45430-2	AP MW-7D	Total/NA	Water	6010D	312277
870-45430-2	AP MW-7D	Total/NA	Water	6010D	312277
870-45430-3	AP MW-5D	Total/NA	Water	6010D	312277
870-45430-3	AP MW-5D	Total/NA	Water	6010D	312277
870-45430-4	SFL MW-4S	Total/NA	Water	6010D	312277
870-45430-4	SFL MW-4S	Total/NA	Water	6010D	312277
870-45430-5	AP PZ-1	Total/NA	Water	6010D	312277
870-45430-5	AP PZ-1	Total/NA	Water	6010D	312277
870-45430-6	AP PZ-4S	Total/NA	Water	6010D	312277
870-45430-6	AP PZ-4S	Total/NA	Water	6010D	312277
MB 860-312277/1-A	Method Blank	Total/NA	Water	6010D	312277
LCS 860-312277/2-A	Lab Control Sample	Total/NA	Water	6010D	312277
LCSD 860-312277/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	312277

Analysis Batch: 312753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-3	AP MW-5D	Total/NA	Water	6020B	312276
870-45430-4	SFL MW-4S	Total/NA	Water	6020B	312276
870-45430-5	AP PZ-1	Total/NA	Water	6020B	312276

Metals

Prep Batch: 313341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	7470A	
870-45430-2	AP MW-7D	Total/NA	Water	7470A	
MB 860-313341/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-313341/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-313341/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 313355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	7470A	313341
870-45430-2	AP MW-7D	Total/NA	Water	7470A	313341
MB 860-313341/1-A	Method Blank	Total/NA	Water	7470A	313341
LCS 860-313341/2-A	Lab Control Sample	Total/NA	Water	7470A	313341
LCSD 860-313341/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	313341

General Chemistry

Analysis Batch: 37257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	SM 4500 H+ B	
870-45430-2	AP MW-7D	Total/NA	Water	SM 4500 H+ B	
870-45430-3	AP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-45430-4	SFL MW-4S	Total/NA	Water	SM 4500 H+ B	
870-45430-5	AP PZ-1	Total/NA	Water	SM 4500 H+ B	
870-45430-6	AP PZ-4S	Total/NA	Water	SM 4500 H+ B	
870-45430-6 DU	AP PZ-4S	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 37260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	SM 2540C	
870-45430-2	AP MW-7D	Total/NA	Water	SM 2540C	
870-45430-3	AP MW-5D	Total/NA	Water	SM 2540C	
870-45430-4	SFL MW-4S	Total/NA	Water	SM 2540C	
870-45430-5	AP PZ-1	Total/NA	Water	SM 2540C	
870-45430-6	AP PZ-4S	Total/NA	Water	SM 2540C	
MB 870-37260/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37260/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37260/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-45430-1 DU	AP MW-7S	Total/NA	Water	SM 2540C	
870-45430-2 DU	AP MW-7D	Total/NA	Water	SM 2540C	

Analysis Batch: 311807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	SM 2320B	
870-45430-2	AP MW-7D	Total/NA	Water	SM 2320B	
870-45430-3	AP MW-5D	Total/NA	Water	SM 2320B	
870-45430-4	SFL MW-4S	Total/NA	Water	SM 2320B	
870-45430-5	AP PZ-1	Total/NA	Water	SM 2320B	
870-45430-6	AP PZ-4S	Total/NA	Water	SM 2320B	
MB 860-311807/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-311807/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-311807/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 311807 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LLCS 860-311807/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 764329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	Fill_Geo-21	
870-45430-2	AP MW-7D	Total/NA	Water	Fill_Geo-21	
870-45430-3	AP MW-5D	Total/NA	Water	Fill_Geo-21	
870-45430-4	SFL MW-4S	Total/NA	Water	Fill_Geo-21	
870-45430-5	AP PZ-1	Total/NA	Water	Fill_Geo-21	
870-45430-6	AP PZ-4S	Total/NA	Water	Fill_Geo-21	
MB 160-764329/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-764329/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-45430-1 DU	AP MW-7S	Total/NA	Water	Fill_Geo-21	

Prep Batch: 764421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	PrecSep-21	
870-45430-2	AP MW-7D	Total/NA	Water	PrecSep-21	
870-45430-3	AP MW-5D	Total/NA	Water	PrecSep-21	
870-45430-4	SFL MW-4S	Total/NA	Water	PrecSep-21	
870-45430-5	AP PZ-1	Total/NA	Water	PrecSep-21	
870-45430-6	AP PZ-4S	Total/NA	Water	PrecSep-21	
MB 160-764421/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-764421/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 764422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45430-1	AP MW-7S	Total/NA	Water	PrecSep_0	
870-45430-2	AP MW-7D	Total/NA	Water	PrecSep_0	
870-45430-3	AP MW-5D	Total/NA	Water	PrecSep_0	
870-45430-4	SFL MW-4S	Total/NA	Water	PrecSep_0	
870-45430-5	AP PZ-1	Total/NA	Water	PrecSep_0	
870-45430-6	AP PZ-4S	Total/NA	Water	PrecSep_0	
MB 160-764422/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-764422/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-7S
Lab Sample ID: 870-45430-1
Date Collected: 03/31/26 08:30
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311826	04/08/26 15:03	RJD	EET HOU
Total/NA	Analysis	9056A		10			311826	04/08/26 15:13	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 17:38	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312630	04/09/26 17:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:43	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	313341	04/13/26 22:53	PB	EET HOU
Total/NA	Analysis	7470A		1			313355	04/14/26 05:22	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 13:01	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37260	04/03/26 12:51	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767368	04/24/26 11:45	CAH	EET SL
Total/NA	Prep	PrecSep-21			1002.76 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768351	04/29/26 07:21	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.76 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:46	SWS	EET SL

Client Sample ID: AP MW-7D
Lab Sample ID: 870-45430-2
Date Collected: 03/31/26 09:55
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311826	04/08/26 16:01	RJD	EET HOU
Total/NA	Analysis	9056A		10			311826	04/08/26 16:11	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:35	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 17:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:35	MD	EET HOU
Total/NA	Analysis	6010D		50			312630	04/09/26 17:58	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:45	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	313341	04/13/26 22:53	PB	EET HOU
Total/NA	Analysis	7470A		1			313355	04/14/26 05:21	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 12:55	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37260	04/03/26 12:51	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767363	04/24/26 12:52	CAH	EET SL
Total/NA	Prep	PrecSep-21			1005.95 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:57	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-7D
Lab Sample ID: 870-45430-2
Date Collected: 03/31/26 09:55
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			1005.95 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:46	SWS	EET SL

Client Sample ID: AP MW-5D
Lab Sample ID: 870-45430-3
Date Collected: 03/31/26 12:25
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311826	04/08/26 16:21	RJD	EET HOU
Total/NA	Analysis	9056A		10			311826	04/08/26 16:31	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 17:51	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312630	04/09/26 17:59	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:39	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:47	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:16	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 12:47	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37260	04/03/26 12:51	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767367	04/24/26 12:52	CAH	EET SL
Total/NA	Prep	PrecSep-21			751.30 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:57	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.30 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:46	SWS	EET SL

Client Sample ID: SFL MW-4S
Lab Sample ID: 870-45430-4
Date Collected: 03/31/26 08:20
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			311828	04/08/26 19:29	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 17:53	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312630	04/09/26 18:01	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:42	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:49	JM	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SFL MW-4S
Lab Sample ID: 870-45430-4
Date Collected: 03/31/26 08:20
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:20	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 13:26	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37260	04/03/26 12:52	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767368	04/24/26 12:52	CAH	EET SL
Total/NA	Prep	PrecSep-21			1001.87 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:58	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.87 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:46	SWS	EET SL

Client Sample ID: AP PZ-1
Lab Sample ID: 870-45430-5
Date Collected: 03/31/26 10:05
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311828	04/08/26 18:28	RJD	EET HOU
Total/NA	Analysis	9056A		10			311828	04/08/26 18:38	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 17:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312630	04/09/26 18:02	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		5			312753	04/10/26 13:36	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:36	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:23	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 13:22	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37260	04/03/26 12:52	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767359	04/24/26 13:58	CAH	EET SL
Total/NA	Prep	PrecSep-21			1002.72 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:58	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.72 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:46	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP PZ-4S
Date Collected: 03/31/26 11:30
Date Received: 04/02/26 10:44

Lab Sample ID: 870-45430-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		10			311828	04/08/26 19:49	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 17:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312630	04/09/26 18:04	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:51	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:27	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 13:30	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37260	04/03/26 12:53	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767360	04/24/26 13:58	CAH	EET SL
Total/NA	Prep	PrecSep-21			1001.27 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:58	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.27 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:45	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-45430-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-45430-1	AP MW-7S	Water	03/31/26 08:30	04/02/26 10:44	Texas
870-45430-2	AP MW-7D	Water	03/31/26 09:55	04/02/26 10:44	Texas
870-45430-3	AP MW-5D	Water	03/31/26 12:25	04/02/26 10:44	Texas
870-45430-4	SFL MW-4S	Water	03/31/26 08:20	04/02/26 10:44	Texas
870-45430-5	AP PZ-1	Water	03/31/26 10:05	04/02/26 10:44	Texas
870-45430-6	AP PZ-4S	Water	03/31/26 11:30	04/02/26 10:44	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

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5/1/2026

Client Information	Sampler: W.R. CULLEN	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes: D - HNO3; N - None; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP MW-7S	3/31/26	0830	G	W			X	X	X	X	X	X		X	X	6	
AP MW-7D	3/31/26	0955	G	W			X	X	X	X	X	X		X	X	6	
AP MW-5D	3/31/26	1225	G	W			X	X	X	X	X	X		X	X	6	
SFL MW-4S	3/31/26	0820	G	W			X	X	X	X	X	X		X	X	6	
AP PZ-1	3/31/26	1005	G	W			X	X	X	X	X	X		X	X	6	
AP PZ-4S	3/31/26	1130	G	W			X	X	X	X	X	X		X	X	6	

870-45430 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8899 6740 0182.0193		
Relinquished by: W.R. Cullen	Date/Time: 4/1/26 1400	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 4/2/26 10:44	Company	Received by:	Date/Time: 4/2/26 10:44	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: 0.4 0.6 TH#047 CF+0.0

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10195.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-45430-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 4/9/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW-7S (870-45430-1)	3/31/26	08:30 Central	G	Water			X	X	X	2	
AP MW-7D (870-45430-2)	3/31/26	09:55 Central	G	Water			X	X	X	2	
AP MW-5D (870-45430-3)	3/31/26	12:25 Central	G	Water			X	X	X	2	
SFL MW-4S (870-45430-4)	3/31/26	08:20 Central	G	Water			X	X	X	2	
AP PZ-1 (870-45430-5)	3/31/26	10:05 Central	G	Water			X	X	X	2	
AP PZ-4S (870-45430-6)	3/31/26	11:30 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	04/02/26-1700		APR 02 2026		
Relinquished by:	Date/Time:	Company	Received by: M. Pinette	Date/Time: APR 03 2026 0915	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company

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

Ver: 10/10/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10196.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-45430-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/8/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) LI + Minerals	2320B	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
AP MW-7S (870-45430-1)	3/31/26	08:30 Central	G	Water			X	X	X	X	X	3	
AP MW-7D (870-45430-2)	3/31/26	09:55 Central	G	Water			X	X	X	X	X	3	
AP MW-5D (870-45430-3)	3/31/26	12:25 Central	G	Water			X	X	X	X	X	3	
SFL MW-4S (870-45430-4)	3/31/26	08:20 Central	G	Water			X	X	X	X	X	3	
AP PZ-1 (870-45430-5)	3/31/26	10:05 Central	G	Water			X	X	X	X	X	3	
AP PZ-4S (870-45430-6)	3/31/26	11:30 Central	G	Water			X	X	X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	04/02/26-1700		TPX	Received	
Relinquished by:	Date/Time:	Company	Received by: APR 02 2026	Date/Time: APR 03 2026	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 8:30	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 2.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45430-1

Login Number: 45430
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45430-1

Login Number: 45430
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 04/03/26 07:42 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45430-1

Login Number: 45430
List Number: 3
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 04/03/26 12:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

Generated 5/8/2026 12:36:35 PM

JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-45433-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

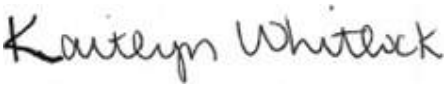
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 16
QC Sample Results 17
QC Association Summary 26
Lab Chronicle 30
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 39

Definitions/Glossary

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

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.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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)

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-45433-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/2/2026 10:44 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 0.2°C and 0.4°C.

HPLC/IC
Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-311828 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.

Method 9056A: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-311828 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

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

Metals
Method 6020B: The following sample was diluted due to the nature of the sample matrix: AP MW-4S (870-45433-2). Elevated reporting limits (RLs) are provided.

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

General Chemistry
Method SM 4500 H+ B: This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: AP PZ-4 (870-45433-1), AP MW-4S (870-45433-2), FD2 (870-45433-3), AP MW-1D (870-45433-4), EB-2 (870-45433-5) and (870-45433-C-5 DU).

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

Gamma Spectroscopy
Method 901.1: Gamma 160-764329
The detection goal for Ra228 was not met. This is caused by statistical fluctuations in the Compton background due to low level activity in the samples in conjunction with the software attempting to fit a peak into the noise of this baseline.

AP MW-1D (870-45433-4), EB-2 (870-45433-5) and (870-45430-B-1-A)

Method 901.1: Gamma 160-764329
Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211

AP PZ-4 (870-45433-1), AP MW-4S (870-45433-2), FD2 (870-45433-3), AP MW-1D (870-45433-4), EB-2 (870-45433-5), (870-45430-B-1-A) and (870-45430-B-1-B DU)

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

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

Client Sample ID: AP PZ-4
Date Collected: 03/31/26 12:50
Date Received: 04/02/26 10:44

Lab Sample ID: 870-45433-1
Matrix: Water

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2320**		5.00	2.50	mg/L			04/08/26 18:58	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/08/26 18:48	1
Sulfate	**119**		0.500	0.200	mg/L			04/08/26 18:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.432**		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 18:09	1
Calcium	**610**		10.0	5.08	mg/L		04/09/26 11:30	04/09/26 18:17	50
Magnesium	**14.4**		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 18:09	1
Potassium	**72.4**		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 18:09	1
Sodium	**960**		25.0	7.59	mg/L		04/09/26 11:30	04/09/26 18:17	50
Lithium	**0.665**		0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 18:09	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0129**	**J**	0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:53	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:53	1
Arsenic	**0.00113**	**J**	0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:53	1
Barium	**0.235**		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:53	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 20:53	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:53	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:53	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:53	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:53	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:53	1
Molybdenum	**0.000821**	**J**	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:53	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:53	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:53	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**15.4**		4.00	4.00	mg/L			04/07/26 17:03	1
Total Dissolved Solids (SM 2540C)	**3970**		20.0	20.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**7.6**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**20.3**	**HF**			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	16.8	U	21.6	21.7	50.0	28.5	pCi/L	04/03/26 14:25	04/24/26 13:59	1
Radium-228	-3.12	U	26.5	26.5	50.0	47.6	pCi/L	04/03/26 14:25	04/24/26 13:59	1
Combined Radium 226 + 228	13.7	U	34.2	34.3		47.6	pCi/L	04/03/26 14:25	04/24/26 13:59	1

Client Sample ID: AP PZ-4
Lab Sample ID: 870-45433-1
Date Collected: 03/31/26 12:50
Matrix: Water
Date Received: 04/02/26 10:44

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.855		0.180	0.195	1.00	0.118	pCi/L	04/06/26 12:54	04/29/26 07:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:59*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.33		0.658	0.692	1.00	0.767	pCi/L	04/06/26 12:56	04/21/26 09:45	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:45*	*1*
Y Carrier	*76.6*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:45*	*1*

Client Sample ID: AP MW-4S
Lab Sample ID: 870-45433-2
Date Collected: 03/31/26 14:30
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	121		0.500	0.250	mg/L			04/08/26 19:08	1
Fluoride	0.248	J	0.500	0.100	mg/L			04/08/26 19:08	1
Sulfate	677		5.00	2.00	mg/L			04/08/26 19:18	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.40		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 18:11	1
Calcium	134		0.200	0.102	mg/L		04/09/26 11:30	04/09/26 18:11	1
Magnesium	22.9		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 18:11	1
Potassium	22.7		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 18:11	1
Sodium	189		0.500	0.152	mg/L		04/09/26 11:30	04/09/26 18:11	1
Lithium	0.153		0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 18:11	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4.78		0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:55	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:55	1
Arsenic	0.0106		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:55	1
Barium	0.0173		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:55	1
Beryllium	0.0140		0.00400	0.000542	mg/L		04/09/26 11:30	04/10/26 13:44	2
Cadmium	0.000565	J	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:55	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:55	1
Cobalt	0.0393		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:55	1
Iron	11.4		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:55	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:55	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:55	1
Selenium	0.00965		0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:55	1
Thallium	0.000553	J	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:55	1

Client Sample ID: AP MW-4S
Lab Sample ID: 870-45433-2
Date Collected: 03/31/26 14:30
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/13/26 22:53	04/14/26 05:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/07/26 15:20	1
Total Dissolved Solids (SM 2540C)	**1480**		5.00	5.00	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**4.0**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**20.0**	**HF**			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.52	U	17.7	17.7	50.0	29.1	pCi/L	04/03/26 14:25	04/24/26 13:59	1
Radium-228	16.4	U	28.4	28.5	50.0	45.2	pCi/L	04/03/26 14:25	04/24/26 13:59	1
Combined Radium 226 + 228	19.9	U	33.5	33.5		45.2	pCi/L	04/03/26 14:25	04/24/26 13:59	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.325**		0.143	0.146	1.00	0.162	pCi/L	04/06/26 12:54	04/29/26 07:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:59*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.493	U	0.557	0.559	1.00	0.914	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*84.1*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*
Y Carrier	*81.9*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:46*	*1*

Client Sample ID: FD2
Lab Sample ID: 870-45433-3
Date Collected: 03/31/26 14:35
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		0.500	0.250	mg/L			04/08/26 17:28	1
Fluoride	**0.236**	**J F1**	0.500	0.100	mg/L			04/08/26 17:28	1
Sulfate	**642**		5.00	2.00	mg/L			04/08/26 17:38	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.34**		0.0500	0.0162	mg/L		04/09/26 11:35	04/09/26 18:12	1
Calcium	**131**		0.200	0.102	mg/L		04/09/26 11:35	04/09/26 18:12	1
Magnesium	**22.4**		0.200	0.0445	mg/L		04/09/26 11:35	04/09/26 18:12	1

Client Sample ID: FD2
Lab Sample ID: 870-45433-3

Date Collected: 03/31/26 14:35
Matrix: Water

Date Received: 04/02/26 10:44

Method: SW846 6010D - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Potassium	**22.0**		0.500	0.106	mg/L		04/09/26 11:35	04/09/26 18:12	1
Sodium	**182**		0.500	0.152	mg/L		04/09/26 11:35	04/09/26 18:12	1
Lithium	**0.145**		0.0400	0.0174	mg/L		04/09/26 11:35	04/09/26 18:12	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4.91**		0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:57	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:57	1
Arsenic	**0.0108**		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:57	1
Barium	**0.0178**		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:57	1
Beryllium	**0.0164**		0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 20:57	1
Cadmium	**0.000568**	**J**	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:57	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:57	1
Cobalt	**0.0403**		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:57	1
Iron	**11.7**		0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:57	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:57	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:57	1
Selenium	**0.00958**		0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:57	1
Thallium	**0.000572**	**J**	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:57	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/07/26 14:10	1
Total Dissolved Solids (SM 2540C)	**1330**		5.00	5.00	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**3.9**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**20.9**	**HF**			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.51	U	18.7	18.7	50.0	30.6	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Radium-228	15.4	U	24.2	24.2	50.0	38.3	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Combined Radium 226 + 228	16.9	U	30.6	30.6		38.3	pCi/L	04/03/26 14:25	04/24/26 13:58	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.391**		0.151	0.155	1.00	0.150	pCi/L	04/06/26 12:54	04/29/26 07:59	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:59*	*1*

Client Sample ID: FD2
Lab Sample ID: 870-45433-3
Date Collected: 03/31/26 14:35
Matrix: Water
Date Received: 04/02/26 10:44

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.28		0.566	0.578	1.00	0.735	pCi/L	04/06/26 12:56	04/21/26 09:48	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.9*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:48*	*1*
Y Carrier	*80.7*		*30 - 110*	*04/06/26 12:56*	*04/21/26 09:48*	*1*

Client Sample ID: AP MW-1D
Lab Sample ID: 870-45433-4
Date Collected: 03/31/26 16:25
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.2		0.500	0.250	mg/L			04/08/26 16:48	1
Fluoride	0.735		0.500	0.100	mg/L			04/08/26 16:48	1
Sulfate	333		0.500	0.200	mg/L			04/08/26 16:48	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	4.49		0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 18:14	1
Calcium	54.9		0.200	0.102	mg/L		04/09/26 11:30	04/09/26 18:14	1
Magnesium	9.85		0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 18:14	1
Potassium	9.22		0.500	0.106	mg/L		04/09/26 11:30	04/09/26 18:14	1
Sodium	196		0.500	0.152	mg/L		04/09/26 11:30	04/09/26 18:14	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 18:14	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0112	J	0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 20:59	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 20:59	1
Arsenic	0.0114		0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 20:59	1
Barium	0.0108		0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 20:59	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 20:59	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 20:59	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 20:59	1
Cobalt	0.00655		0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 20:59	1
Iron	0.00964	J	0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 20:59	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 20:59	1
Molybdenum	0.0331		0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 20:59	1
Selenium	0.00163	J	0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 20:59	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 20:59	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	97.0		4.00	4.00	mg/L			04/07/26 14:04	1
Total Dissolved Solids (SM 2540C)	895		5.00	5.00	mg/L			04/06/26 17:11	1

Client Sample ID: AP MW-1D
Lab Sample ID: 870-45433-4
Date Collected: 03/31/26 16:25
Matrix: Water
Date Received: 04/02/26 10:44

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH (SM 4500 H+ B)	6.2	HF			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	19.6	HF			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	5.36	U	22.9	22.9	50.0	36.5	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Radium-228	-2.92	U G	30.3	30.3	50.0	51.5	pCi/L	04/03/26 14:25	04/24/26 13:58	1
Combined Radium 226 + 228	2.44	U	38.0	38.0		51.5	pCi/L	04/03/26 14:25	04/24/26 13:58	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.219		0.110	0.112	1.00	0.140	pCi/L	04/06/26 12:50	04/28/26 15:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.0*		*30 - 110*	*04/06/26 12:50*	*04/28/26 15:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.671		0.400	0.405	1.00	0.584	pCi/L	04/06/26 12:52	04/21/26 10:15	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*87.0*		*30 - 110*	*04/06/26 12:52*	*04/21/26 10:15*	*1*
Y Carrier	*82.2*		*30 - 110*	*04/06/26 12:52*	*04/21/26 10:15*	*1*

Client Sample ID: EB-2
Lab Sample ID: 870-45433-5
Date Collected: 03/31/26 13:00
Matrix: Water
Date Received: 04/02/26 10:44

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	0.984		0.500	0.250	mg/L			04/08/26 17:08	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/08/26 17:08	1
Sulfate	1.62		0.500	0.200	mg/L			04/08/26 17:08	1

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 18:16	1
Calcium	0.433		0.200	0.102	mg/L		04/09/26 11:30	04/09/26 18:16	1
Magnesium	0.124	J	0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 18:16	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/09/26 11:30	04/09/26 18:16	1
Sodium	1.96		0.500	0.152	mg/L		04/09/26 11:30	04/09/26 18:16	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 18:16	1

Client Sample ID: EB-2
Date Collected: 03/31/26 13:00
Date Received: 04/02/26 10:44

Lab Sample ID: 870-45433-5
Matrix: Water

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0162**	**J**	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 18:20	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 18:20	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 18:20	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 18:20	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 18:20	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 18:20	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 18:20	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 18:20	1
Iron	**0.0327**		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 18:20	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 18:20	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 18:20	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 18:20	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 18:20	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 03:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**5.87**		4.00	4.00	mg/L			04/07/26 15:15	1
Total Dissolved Solids (SM 2540C)	**11.0**		2.50	2.50	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**7.1**	**HF**			SU			04/03/26 11:05	1
Temperature (SM 4500 H+ B)	**22.2**	**HF**			Celsius			04/03/26 11:05	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	3.51	U	20.7	20.7	50.0	33.4	pCi/L	04/03/26 14:25	04/24/26 15:15	1
Radium-228	3.38	U G	31.9	31.9	50.0	54.1	pCi/L	04/03/26 14:25	04/24/26 15:15	1
Combined Radium 226 + 228	6.89	U	38.0	38.0		54.1	pCi/L	04/03/26 14:25	04/24/26 15:15	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.112	U	0.0899	0.0905	1.00	0.134	pCi/L	04/06/26 12:50	04/28/26 15:41	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.7*		*30 - 110*	*04/06/26 12:50*	*04/28/26 15:41*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	-0.00923	U	0.306	0.306	1.00	0.575	pCi/L	04/06/26 12:52	04/21/26 10:16	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.7*		*30 - 110*	*04/06/26 12:52*	*04/21/26 10:16*	*1*

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: EB-2
Lab Sample ID: 870-45433-5
Date Collected: 03/31/26 13:00
Matrix: Water
Date Received: 04/02/26 10:44

Method: EPA 904.0 - Radium-228 (GFPC) (Continued)

Carrier	%Yield	Qualifier	Limits	Prepared	Analyzed	Dil Fac
Y Carrier	81.1		30 - 110	04/06/26 12:52	04/21/26 10:16	1

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-45433-1	AP PZ-4	79.8
870-45433-2	AP MW-4S	84.1
870-45433-3	FD2	78.9
870-45433-4	AP MW-1D	87.0
870-45433-5	EB-2	88.7
LCS 160-764416/2-A	Lab Control Sample	84.7
LCS 160-764421/2-A	Lab Control Sample	86.4
MB 160-764416/1-A	Method Blank	85.3
MB 160-764421/1-A	Method Blank	85.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-45433-1	AP PZ-4	79.8	76.6
870-45433-2	AP MW-4S	84.1	81.9
870-45433-3	FD2	78.9	80.7
870-45433-4	AP MW-1D	87.0	82.2
870-45433-5	EB-2	88.7	81.1
LCS 160-764418/2-A	Lab Control Sample	84.7	77.0
LCS 160-764422/2-A	Lab Control Sample	86.4	77.8
MB 160-764418/1-A	Method Blank	85.3	81.1
MB 160-764422/1-A	Method Blank	85.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-311828/3
Matrix: Water
Analysis Batch: 311828

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/08/26 10:36	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/08/26 10:36	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/08/26 10:36	1

Lab Sample ID: LCS 860-311828/4
Matrix: Water
Analysis Batch: 311828

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.22		mg/L		102	90 - 110
Fluoride	10.0	9.946		mg/L		99	90 - 110
Sulfate	10.0	9.340		mg/L		93	90 - 110

Lab Sample ID: LCSD 860-311828/5
Matrix: Water
Analysis Batch: 311828

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.59		mg/L		106	90 - 110	4	20
Fluoride	10.0	9.929		mg/L		99	90 - 110	0	20
Sulfate	10.0	9.344		mg/L		93	90 - 110	0	20

Lab Sample ID: 870-45433-3 MS
Matrix: Water
Analysis Batch: 311828

Client Sample ID: FD2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	121		10.0	153.7	4	mg/L		330	90 - 110
Fluoride	0.236	J F1	10.0	8.246	F1	mg/L		80	90 - 110

Lab Sample ID: 870-45433-3 MSD
Matrix: Water
Analysis Batch: 311828

Client Sample ID: FD2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	121		10.0	172.1	4	mg/L		514	90 - 110	11	15
Fluoride	0.236	J F1	10.0	7.692	F1	mg/L		75	90 - 110	7	15

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-312277/1-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/09/26 11:30	04/09/26 17:13	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/09/26 11:30	04/09/26 17:13	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/09/26 11:30	04/09/26 17:13	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/09/26 11:30	04/09/26 17:13	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/09/26 11:30	04/09/26 17:13	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 860-312277/1-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312277

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/09/26 11:30	04/09/26 17:13	1

Lab Sample ID: LCS 860-312277/2-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312277

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9940		mg/L		99	80 - 120
Calcium	25.0	25.40		mg/L		102	80 - 120
Magnesium	25.0	25.10		mg/L		100	80 - 120
Potassium	10.0	9.760		mg/L		98	80 - 120
Sodium	25.0	24.30		mg/L		97	80 - 120
Lithium	1.00	0.9310		mg/L		93	80 - 120

Lab Sample ID: LCSD 860-312277/3-A
Matrix: Water
Analysis Batch: 312630

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312277

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	1.000		mg/L		100	80 - 120	1	20
Calcium	25.0	25.60		mg/L		102	80 - 120	1	20
Magnesium	25.0	25.40		mg/L		102	80 - 120	1	20
Potassium	10.0	9.830		mg/L		98	80 - 120	1	20
Sodium	25.0	24.40		mg/L		98	80 - 120	0	20
Lithium	1.00	0.9350		mg/L		94	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-312276/1-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312276

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/09/26 11:30	04/09/26 19:55	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/09/26 11:30	04/09/26 19:55	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/09/26 11:30	04/09/26 19:55	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/09/26 11:30	04/09/26 19:55	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/09/26 11:30	04/09/26 19:55	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/09/26 11:30	04/09/26 19:55	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/09/26 11:30	04/09/26 19:55	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/09/26 11:30	04/09/26 19:55	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/09/26 11:30	04/09/26 19:55	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/09/26 11:30	04/09/26 19:55	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/09/26 11:30	04/09/26 19:55	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/09/26 11:30	04/09/26 19:55	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/09/26 11:30	04/09/26 19:55	1

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

Lab Sample ID: LCS 860-312276/2-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.5047		mg/L		101	80 - 120
Antimony	0.100	0.1007		mg/L		101	80 - 120
Arsenic	0.100	0.1003		mg/L		100	80 - 120
Barium	0.100	0.1006		mg/L		101	80 - 120
Beryllium	0.100	0.1096		mg/L		110	80 - 120
Cadmium	0.100	0.1005		mg/L		100	80 - 120
Chromium	0.100	0.1025		mg/L		102	80 - 120
Cobalt	0.100	0.1025		mg/L		103	80 - 120
Iron	0.500	0.5264		mg/L		105	80 - 120
Lead	0.100	0.1014		mg/L		101	80 - 120
Molybdenum	0.100	0.1025		mg/L		103	80 - 120
Selenium	0.100	0.1013		mg/L		101	80 - 120
Thallium	0.100	0.1003		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-312276/3-A
Matrix: Water
Analysis Batch: 312599

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312276

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4882		mg/L		98	80 - 120	3	20
Antimony	0.100	0.09769		mg/L		98	80 - 120	3	20
Arsenic	0.100	0.09694		mg/L		97	80 - 120	3	20
Barium	0.100	0.09740		mg/L		97	80 - 120	3	20
Beryllium	0.100	0.1088		mg/L		109	80 - 120	1	20
Cadmium	0.100	0.09702		mg/L		97	80 - 120	4	20
Chromium	0.100	0.09920		mg/L		99	80 - 120	3	20
Cobalt	0.100	0.09919		mg/L		99	80 - 120	3	20
Iron	0.500	0.5043		mg/L		101	80 - 120	4	20
Lead	0.100	0.09838		mg/L		98	80 - 120	3	20
Molybdenum	0.100	0.09921		mg/L		99	80 - 120	3	20
Selenium	0.100	0.09834		mg/L		98	80 - 120	3	20
Thallium	0.100	0.09794		mg/L		98	80 - 120	2	20

Lab Sample ID: MB 860-312968/1-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:45	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:45	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:45	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:45	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:45	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:45	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:45	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:45	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:45	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:45	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:45	1

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

Lab Sample ID: MB 860-312968/1-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:45	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:45	1

Lab Sample ID: LCS 860-312968/2-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4884		mg/L		98	80 - 120
Antimony	0.100	0.09951		mg/L		100	80 - 120
Arsenic	0.100	0.09801		mg/L		98	80 - 120
Barium	0.100	0.09697		mg/L		97	80 - 120
Beryllium	0.100	0.1000		mg/L		100	80 - 120
Cadmium	0.100	0.1018		mg/L		102	80 - 120
Chromium	0.100	0.1042		mg/L		104	80 - 120
Cobalt	0.100	0.1008		mg/L		101	80 - 120
Iron	0.500	0.5154		mg/L		103	80 - 120
Lead	0.100	0.09961		mg/L		100	80 - 120
Molybdenum	0.100	0.1024		mg/L		102	80 - 120
Selenium	0.100	0.09617		mg/L		96	80 - 120
Thallium	0.100	0.1008		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-312968/3-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4791		mg/L		96	80 - 120	2	20
Antimony	0.100	0.09915		mg/L		99	80 - 120	0	20
Arsenic	0.100	0.09790		mg/L		98	80 - 120	0	20
Barium	0.100	0.09614		mg/L		96	80 - 120	1	20
Beryllium	0.100	0.1000		mg/L		100	80 - 120	0	20
Cadmium	0.100	0.1025		mg/L		102	80 - 120	1	20
Chromium	0.100	0.1034		mg/L		103	80 - 120	1	20
Cobalt	0.100	0.1008		mg/L		101	80 - 120	0	20
Iron	0.500	0.5123		mg/L		102	80 - 120	1	20
Lead	0.100	0.09986		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1043		mg/L		104	80 - 120	2	20
Selenium	0.100	0.09534		mg/L		95	80 - 120	1	20
Thallium	0.100	0.1007		mg/L		101	80 - 120	0	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-311657/1-A
Matrix: Water
Analysis Batch: 311934

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 311657

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/07/26 15:25	04/08/26 02:18	1

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

Lab Sample ID: LCS 860-311657/2-A
Matrix: Water
Analysis Batch: 311934

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 311657

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001774		mg/L		89	80 - 120

Lab Sample ID: LCSD 860-311657/3-A
Matrix: Water
Analysis Batch: 311934

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 311657

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001830		mg/L		91	80 - 120	3	20

Lab Sample ID: MB 860-313341/1-A
Matrix: Water
Analysis Batch: 313355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 313341

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/13/26 22:53	04/14/26 04:51	1

Lab Sample ID: LCS 860-313341/2-A
Matrix: Water
Analysis Batch: 313355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 313341

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001958		mg/L		98	80 - 120

Lab Sample ID: LCSD 860-313341/3-A
Matrix: Water
Analysis Batch: 313355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 313341

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001951		mg/L		97	80 - 120	0	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-311807/3
Matrix: Water
Analysis Batch: 311807

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/07/26 11:37	1

Lab Sample ID: MB 860-311807/34
Matrix: Water
Analysis Batch: 311807

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/07/26 14:23	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 860-311807/35
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	246.3		mg/L		99	85 - 115

Lab Sample ID: LCS 860-311807/5
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	243.9		mg/L		98	85 - 115

Lab Sample ID: LCSD 860-311807/36
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	253.9		mg/L		102	85 - 115	NaN	20

Lab Sample ID: LCSD 860-311807/6
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	247.1		mg/L		99	85 - 115	1	20

Lab Sample ID: LLCS 860-311807/4
Matrix: Water
Analysis Batch: 311807

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	<4.00	U	mg/L		94	50 - 150

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

Lab Sample ID: MB 870-37327/1
Matrix: Water
Analysis Batch: 37327

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	<2.50	U	2.50	2.50	mg/L			04/06/26 17:11	1

Lab Sample ID: LCS 870-37327/2
Matrix: Water
Analysis Batch: 37327

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	1000	1038		mg/L		104	80 - 120

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

Lab Sample ID: LCSD 870-37327/3
Matrix: Water
Analysis Batch: 37327

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1002		mg/L		100	80 - 120	4	10

Lab Sample ID: 870-45433-1 DU
Matrix: Water
Analysis Batch: 37327

Client Sample ID: AP PZ-4
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	3970			4000		mg/L				0.8	10

Lab Sample ID: 870-45433-2 DU
Matrix: Water
Analysis Batch: 37327

Client Sample ID: AP MW-4S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Total Dissolved Solids	1480			1474		mg/L				0.5	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-45433-5 DU
Matrix: Water
Analysis Batch: 37257

Client Sample ID: EB-2
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	7.1	HF		7.2		SU				0.1	20
Temperature	22.2	HF		22.3		Celsius				0.4	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-764329/1-A
Matrix: Water
Analysis Batch: 767367

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764329

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	33.55		20.5	20.8	50.0	25.8	pCi/L	04/03/26 14:25	04/24/26 11:43	1
Radium-228	7.900	U	23.6	23.6	50.0	39.9	pCi/L	04/03/26 14:25	04/24/26 11:43	1
Combined Radium 226 + 228	41.45		31.3	31.5		39.9	pCi/L	04/03/26 14:25	04/24/26 11:43	1

Lab Sample ID: LCS 160-764329/2-A
Matrix: Water
Analysis Batch: 767360

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764329

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	148200		15200		515	pCi/L	104	75 - 125		
Cesium-137			37200	36040		3540		218	pCi/L	97	75 - 125		
Cobalt-60			47600	46900		4580		158	pCi/L	98	75 - 125		

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-764416/1-A
Matrix: Water
Analysis Batch: 768153

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764416

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.02235	U	0.0384	0.0384	1.00	0.101	pCi/L	04/06/26 12:50	04/28/26 15:25	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.3*		*30 - 110*	*04/06/26 12:50*	*04/28/26 15:25*	*1*

Lab Sample ID: LCS 160-764416/2-A
Matrix: Water
Analysis Batch: 768153

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764416

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	10.93		1.16	1.00	0.116	pCi/L	114	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*84.7*		*30 - 110*

Lab Sample ID: MB 160-764421/1-A
Matrix: Water
Analysis Batch: 768331

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764421

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02825	U	0.0470	0.0470	1.00	0.0826	pCi/L	04/06/26 12:54	04/29/26 07:19	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.8*		*30 - 110*	*04/06/26 12:54*	*04/29/26 07:19*	*1*

Lab Sample ID: LCS 160-764421/2-A
Matrix: Water
Analysis Batch: 768351

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764421

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	7.663		0.826	1.00	0.0764	pCi/L	80	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-764418/1-A
Matrix: Water
Analysis Batch: 766946

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764418

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.1258	U	0.317	0.317	1.00	0.560	pCi/L	04/06/26 12:52	04/21/26 10:12	1

Method: 904.0 - Radium-228 (GFPC) (Continued)

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.3		30 - 110	04/06/26 12:52	04/21/26 10:12	1
Y Carrier	81.1		30 - 110	04/06/26 12:52	04/21/26 10:12	1

Lab Sample ID: LCS 160-764418/2-A
Matrix: Water
Analysis Batch: 766946

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764418

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.22	11.03		1.51	1.00	0.671	pCi/L	120	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	84.7		30 - 110
Y Carrier	77.0		30 - 110

Lab Sample ID: MB 160-764422/1-A
Matrix: Water
Analysis Batch: 766948

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764422

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.3849	U	0.425	0.426	1.00	0.695	pCi/L	04/06/26 12:56	04/21/26 09:46	1

Carrier	MB %Yield	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
Ba Carrier	85.8		30 - 110	04/06/26 12:56	04/21/26 09:46	1
Y Carrier	81.1		30 - 110	04/06/26 12:56	04/21/26 09:46	1

Lab Sample ID: LCS 160-764422/2-A
Matrix: Water
Analysis Batch: 766948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764422

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.22	11.06		1.52	1.00	0.650	pCi/L	120	75 - 125		

Carrier	LCS %Yield	LCS Qualifier	Limits
Ba Carrier	86.4		30 - 110
Y Carrier	77.8		30 - 110

HPLC/IC

Analysis Batch: 311828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	9056A	
870-45433-1	AP PZ-4	Total/NA	Water	9056A	
870-45433-2	AP MW-4S	Total/NA	Water	9056A	
870-45433-2	AP MW-4S	Total/NA	Water	9056A	
870-45433-3	FD2	Total/NA	Water	9056A	
870-45433-3	FD2	Total/NA	Water	9056A	
870-45433-4	AP MW-1D	Total/NA	Water	9056A	
870-45433-5	EB-2	Total/NA	Water	9056A	
MB 860-311828/3	Method Blank	Total/NA	Water	9056A	
LCS 860-311828/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-311828/5	Lab Control Sample Dup	Total/NA	Water	9056A	
870-45433-3 MS	FD2	Total/NA	Water	9056A	
870-45433-3 MSD	FD2	Total/NA	Water	9056A	

Metals

Prep Batch: 311657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	7470A	
870-45433-3	FD2	Total/NA	Water	7470A	
870-45433-4	AP MW-1D	Total/NA	Water	7470A	
870-45433-5	EB-2	Total/NA	Water	7470A	
MB 860-311657/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-311657/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-311657/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 311934

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	7470A	311657
870-45433-3	FD2	Total/NA	Water	7470A	311657
870-45433-4	AP MW-1D	Total/NA	Water	7470A	311657
870-45433-5	EB-2	Total/NA	Water	7470A	311657
MB 860-311657/1-A	Method Blank	Total/NA	Water	7470A	311657
LCS 860-311657/2-A	Lab Control Sample	Total/NA	Water	7470A	311657
LCSD 860-311657/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	311657

Prep Batch: 312276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	3010A	
870-45433-2	AP MW-4S	Total/NA	Water	3010A	
870-45433-3	FD2	Total/NA	Water	3010A	
870-45433-4	AP MW-1D	Total/NA	Water	3010A	
MB 860-312276/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312276/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312276/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	3010A	
870-45433-2	AP MW-4S	Total/NA	Water	3010A	
870-45433-3	FD2	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 312277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-4	AP MW-1D	Total/NA	Water	3010A	
870-45433-5	EB-2	Total/NA	Water	3010A	
MB 860-312277/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312277/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312277/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 312599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	6020B	312276
870-45433-2	AP MW-4S	Total/NA	Water	6020B	312276
870-45433-3	FD2	Total/NA	Water	6020B	312276
870-45433-4	AP MW-1D	Total/NA	Water	6020B	312276
MB 860-312276/1-A	Method Blank	Total/NA	Water	6020B	312276
LCS 860-312276/2-A	Lab Control Sample	Total/NA	Water	6020B	312276
LCSD 860-312276/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312276

Analysis Batch: 312630

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	6010D	312277
870-45433-1	AP PZ-4	Total/NA	Water	6010D	312277
870-45433-2	AP MW-4S	Total/NA	Water	6010D	312277
870-45433-3	FD2	Total/NA	Water	6010D	312277
870-45433-4	AP MW-1D	Total/NA	Water	6010D	312277
870-45433-5	EB-2	Total/NA	Water	6010D	312277
MB 860-312277/1-A	Method Blank	Total/NA	Water	6010D	312277
LCS 860-312277/2-A	Lab Control Sample	Total/NA	Water	6010D	312277
LCSD 860-312277/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	312277

Analysis Batch: 312753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-2	AP MW-4S	Total/NA	Water	6020B	312276

Prep Batch: 312968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-5	EB-2	Total/NA	Water	3010A	
MB 860-312968/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312968/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312968/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 313224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-5	EB-2	Total/NA	Water	6020B	312968
MB 860-312968/1-A	Method Blank	Total/NA	Water	6020B	312968
LCS 860-312968/2-A	Lab Control Sample	Total/NA	Water	6020B	312968
LCSD 860-312968/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312968

Prep Batch: 313341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-2	AP MW-4S	Total/NA	Water	7470A	
MB 860-313341/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-313341/2-A	Lab Control Sample	Total/NA	Water	7470A	

Metals (Continued)

Prep Batch: 313341 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 860-313341/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 313355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-2	AP MW-4S	Total/NA	Water	7470A	313341
MB 860-313341/1-A	Method Blank	Total/NA	Water	7470A	313341
LCS 860-313341/2-A	Lab Control Sample	Total/NA	Water	7470A	313341
LCSD 860-313341/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	313341

General Chemistry

Analysis Batch: 37257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	SM 4500 H+ B	
870-45433-2	AP MW-4S	Total/NA	Water	SM 4500 H+ B	
870-45433-3	FD2	Total/NA	Water	SM 4500 H+ B	
870-45433-4	AP MW-1D	Total/NA	Water	SM 4500 H+ B	
870-45433-5	EB-2	Total/NA	Water	SM 4500 H+ B	
870-45433-5 DU	EB-2	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 37327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	SM 2540C	
870-45433-2	AP MW-4S	Total/NA	Water	SM 2540C	
870-45433-3	FD2	Total/NA	Water	SM 2540C	
870-45433-4	AP MW-1D	Total/NA	Water	SM 2540C	
870-45433-5	EB-2	Total/NA	Water	SM 2540C	
MB 870-37327/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37327/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37327/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	
870-45433-1 DU	AP PZ-4	Total/NA	Water	SM 2540C	
870-45433-2 DU	AP MW-4S	Total/NA	Water	SM 2540C	

Analysis Batch: 311807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	SM 2320B	
870-45433-2	AP MW-4S	Total/NA	Water	SM 2320B	
870-45433-3	FD2	Total/NA	Water	SM 2320B	
870-45433-4	AP MW-1D	Total/NA	Water	SM 2320B	
870-45433-5	EB-2	Total/NA	Water	SM 2320B	
MB 860-311807/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-311807/34	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-311807/35	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-311807/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-311807/36	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-311807/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-311807/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 764329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	Fill_Geo-21	
870-45433-2	AP MW-4S	Total/NA	Water	Fill_Geo-21	
870-45433-3	FD2	Total/NA	Water	Fill_Geo-21	
870-45433-4	AP MW-1D	Total/NA	Water	Fill_Geo-21	
870-45433-5	EB-2	Total/NA	Water	Fill_Geo-21	
MB 160-764329/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-764329/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Prep Batch: 764416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-4	AP MW-1D	Total/NA	Water	PrecSep-21	
870-45433-5	EB-2	Total/NA	Water	PrecSep-21	
MB 160-764416/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-764416/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 764418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-4	AP MW-1D	Total/NA	Water	PrecSep_0	
870-45433-5	EB-2	Total/NA	Water	PrecSep_0	
MB 160-764418/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-764418/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Prep Batch: 764421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	PrecSep-21	
870-45433-2	AP MW-4S	Total/NA	Water	PrecSep-21	
870-45433-3	FD2	Total/NA	Water	PrecSep-21	
MB 160-764421/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-764421/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	

Prep Batch: 764422

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45433-1	AP PZ-4	Total/NA	Water	PrecSep_0	
870-45433-2	AP MW-4S	Total/NA	Water	PrecSep_0	
870-45433-3	FD2	Total/NA	Water	PrecSep_0	
MB 160-764422/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-764422/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	

Lab Chronicle

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP PZ-4
Date Collected: 03/31/26 12:50
Date Received: 04/02/26 10:44

Lab Sample ID: 870-45433-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311828	04/08/26 18:48	RJD	EET HOU
Total/NA	Analysis	9056A		10			311828	04/08/26 18:58	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 18:09	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		50			312630	04/09/26 18:17	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:53	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:30	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 17:03	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767367	04/24/26 13:59	CAH	EET SL
Total/NA	Prep	PrecSep-21			1004.38 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:59	SWS	EET SL
Total/NA	Prep	PrecSep_0			1004.38 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:45	SWS	EET SL

Client Sample ID: AP MW-4S
Date Collected: 03/31/26 14:30
Date Received: 04/02/26 10:44

Lab Sample ID: 870-45433-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311828	04/08/26 19:08	RJD	EET HOU
Total/NA	Analysis	9056A		10			311828	04/08/26 19:18	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 18:11	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		2			312753	04/10/26 13:44	JM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:55	JM	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	313341	04/13/26 22:53	PB	EET HOU
Total/NA	Analysis	7470A		1			313355	04/14/26 05:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 15:20	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767368	04/24/26 13:59	CAH	EET SL
Total/NA	Prep	PrecSep-21			751.40 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:59	SWS	EET SL

Client Sample ID: AP MW-4S
Lab Sample ID: 870-45433-2
Date Collected: 03/31/26 14:30
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep_0			751.40 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766948	04/21/26 09:46	SWS	EET SL

Client Sample ID: FD2
Lab Sample ID: 870-45433-3
Date Collected: 03/31/26 14:35
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311828	04/08/26 17:28	RJD	EET HOU
Total/NA	Analysis	9056A		10			311828	04/08/26 17:38	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:35	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 18:12	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:57	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:34	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 14:10	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767364	04/24/26 13:58	CAH	EET SL
Total/NA	Prep	PrecSep-21			750.55 mL	1.0 g	764421	04/06/26 12:54	VLQ	EET SL
Total/NA	Analysis	903.0		1			768356	04/29/26 07:59	SWS	EET SL
Total/NA	Prep	PrecSep_0			750.55 mL	1.0 g	764422	04/06/26 12:56	VLQ	EET SL
Total/NA	Analysis	904.0		1			766862	04/21/26 09:48	SWS	EET SL

Client Sample ID: AP MW-1D
Lab Sample ID: 870-45433-4
Date Collected: 03/31/26 16:25
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311828	04/08/26 16:48	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 18:14	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312276	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6020B		1			312599	04/09/26 20:59	JM	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:37	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 14:04	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767363	04/24/26 13:58	CAH	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1D
Lab Sample ID: 870-45433-4
Date Collected: 03/31/26 16:25
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	PrecSep-21			1000.59 mL	1.0 g	764416	04/06/26 12:50	VLQ	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	768161	04/28/26 15:41	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.59 mL	1.0 g	764418	04/06/26 12:52	VLQ	EET SL
Total/NA	Analysis	904.0		1			766946	04/21/26 10:15	SWS	EET SL

Client Sample ID: EB-2
Lab Sample ID: 870-45433-5
Date Collected: 03/31/26 13:00
Matrix: Water
Date Received: 04/02/26 10:44

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			311828	04/08/26 17:08	RJD	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312277	04/09/26 11:30	MD	EET HOU
Total/NA	Analysis	6010D		1			312630	04/09/26 18:16	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312968	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 18:20	DP	EET HOU
Total/NA	Prep	7470A			5 mL	5 mL	311657	04/07/26 15:25	AGR	EET HOU
Total/NA	Analysis	7470A		1			311934	04/08/26 03:40	JDM	EET HOU
Total/NA	Analysis	SM 2320B		1			311807	04/07/26 15:15	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	200 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37257	04/03/26 11:05	OOE	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764329	04/03/26 14:25	DC	EET SL
Total/NA	Analysis	901.1		1			767359	04/24/26 15:15	CAH	EET SL
Total/NA	Prep	PrecSep-21			1000.67 mL	1.0 g	764416	04/06/26 12:50	VLQ	EET SL
Total/NA	Analysis	903.0		1	1.0 mL	1.0 mL	768161	04/28/26 15:41	SWS	EET SL
Total/NA	Prep	PrecSep_0			1000.67 mL	1.0 g	764418	04/06/26 12:52	VLQ	EET SL
Total/NA	Analysis	904.0		1			766946	04/21/26 10:16	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300
EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200
EET SL = Eurofins St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704295. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704193. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-45433-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-45433-1	AP PZ-4	Water	03/31/26 12:50	04/02/26 10:44	Texas
870-45433-2	AP MW-4S	Water	03/31/26 14:30	04/02/26 10:44	Texas
870-45433-3	FD2	Water	03/31/26 14:35	04/02/26 10:44	Texas
870-45433-4	AP MW-1D	Water	03/31/26 16:25	04/02/26 10:44	Texas
870-45433-5	EB-2	Water	03/31/26 13:00	04/02/26 10:44	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

eurofins | Environment Testing

5/8/2026

Client Information	Sampler: W.R. CULLEN	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16234-5480.1
Client Contact: Brad Woodard	Phone: 979-485-2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page:
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=wasteoil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP PZ-4	3/31/26	1250	G	W			X	X	X	X	X	X		X	X	6	
AP MW-45	3/31/26	1430	G	W			X	X	X	X	X	X		X	X	6	
FD2	3/31/26	1435	G	W			X	X	X	X	X	X		X	X	6	
AP MW-1D	3/31/26	1625	G	W			X	X	X	X	X	X		X	X	6	
EB-2	3/31/26	1300	G	W			X	X	X	X	X	X		X	X	6	

870-45433 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8897 6740 0208, 0219		
Relinquished by: W.R. Cullen	Date/Time: 4/1/26 1400	Company	Received by: FedEx	Date/Time:	Company
Relinquished by: FedEx	Date/Time: 4/2/26 10:44	Company	Received by:	Date/Time: 4/2/26 10:44	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: 0.4 0.2 THM043 CF+0.0

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10195.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-45433-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 4/9/2026			
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes: -

Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP PZ-4 (870-45433-1)	3/31/26	12:50 Central	G	Water			X	X	X	2	
AP MW-4S (870-45433-2)	3/31/26	14:30 Central	G	Water			X	X	X	2	
FD2 (870-45433-3)	3/31/26	14:35 Central	G	Water			X	X	X	2	
AP MW-1D (870-45433-4)	3/31/26	16:25 Central	G	Water			X	X	X	2	
EB-2 (870-45433-5)	3/31/26	13:00 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification *Unconfirmed*	***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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 04/02/26-1700	Company	Received by: APR 02 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: M. Pinette	Date/Time: APR 03 2026 0915	Company
Relinquished by:	Date/Time:	Company	Received by: Meadow Pinette	Date/Time:	Company

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

Ver: 10/10/2024

5/8/2026

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10196.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-45433-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/8/2026			Preservation Codes:
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
AP PZ-4 (870-45433-1)	3/31/26	12:50 Central	G	Water			X	X	X	X	X	3	
AP MW-4S (870-45433-2)	3/31/26	14:30 Central	G	Water			X	X	X	X	X	3	
FD2 (870-45433-3)	3/31/26	14:35 Central	G	Water			X	X	X	X	X	3	
AP MW-1D (870-45433-4)	3/31/26	16:25 Central	G	Water			X	X	X	X	X	3	
EB-2 (870-45433-5)	3/31/26	13:00 Central	G	Water			X	X	X	X	X	3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification: Unconfirmed	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) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	04/02/26 1700		TPX	APR 02 2026	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				APR 02 2026	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 0930	Company

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

Received

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45433-1

Login Number: 45433
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45433-1

Login Number: 45433
List Number: 2
Creator: Torrez, Lisandra

List Source: Eurofins Houston
List Creation: 04/03/26 07:42 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45433-1

Login Number: 45433
List Number: 3
Creator: Pinette, Meadow L

List Source: Eurofins St. Louis
List Creation: 04/03/26 12:24 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

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JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-45499-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

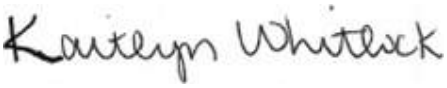
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 5
Client Sample Results 7
Tracer Carrier Summary 16
QC Sample Results 17
QC Association Summary 25
Lab Chronicle 29
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 39

Definitions/Glossary

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Job Narrative
870-45499-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/3/2026 10:22 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 0.6°C and 0.8°C.

HPLC/IC
Method 9056A: The following samples were diluted to bring the concentration of target analytes within the calibration range: AP MW-1 (870-45499-1), SSP MW-4S (870-45499-2), SSP MW-5S (870-45499-3), SSP MW-5D (870-45499-4), FD-3 (870-45499-5) and SSP MW-6D (870-45499-6). Elevated reporting limits (RLs) are provided.

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

Metals
Method 6010D: The following samples were diluted due to the nature of the sample matrix: AP MW-1 (870-45499-1), SSP MW-4S (870-45499-2), SSP MW-5S (870-45499-3), SSP MW-5D (870-45499-4), FD-3 (870-45499-5) and SSP MW-6D (870-45499-6). Elevated reporting limits (RLs) are provided.

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

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 764973

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228

Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Method 901.1: Gamma Batch 764973

The detection goal of 50 pCi/L was not met for Ra 228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra 228 is well below the RL and MDC.

SSP MW-4S (870-45499-2), SSP MW-5S (870-45499-3) and (870-45499-A-1-B DU)

Method 901.1: Gamma Batch 764973

The Ra 228 MDC for the method blank (MB) is above the requested limit of 50.0 pCi/L.Activity was not observed in the MB above the MDC or RL.The data have been reported with the MDC achieved. (MB 160-764973/1-A).

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

Gas Flow Proportional Counter
Method 903.0: Radium 226 Prep Batch 160-764950

Insufficient sample volume was available to perform a sample duplicate for the following samples: SSP MW-5S (870-45499-3), SSP MW-5D (870-45499-4), FD-3 (870-45499-5) and SSP MW-6D (870-45499-6). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method 904.0: Radium 228 Prep Batch 160-764952

Insufficient sample volume was available to perform a sample duplicate for the following samples: SSP MW-5S (870-45499-3), SSP MW-5D (870-45499-4), FD-3 (870-45499-5) and SSP MW-6D (870-45499-6). A laboratory control sample/ laboratory control sample duplicate (LCS/LCSD) were prepared instead to demonstrate batch precision.

Method 904.0: Radium 228 Batch 764952

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. AP MW-1 (870-45499-1) and SSP MW-4S (870-45499-2)

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

Client Sample Results

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1
Lab Sample ID: 870-45499-1
Date Collected: 04/01/26 08:00
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**188**		0.500	0.250	mg/L			04/09/26 15:43	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 15:43	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**685**		5.00	2.00	mg/L			04/09/26 15:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**3.79**		0.500	0.162	mg/L		04/10/26 09:30	04/10/26 17:44	10
Calcium	**118**		2.00	1.02	mg/L		04/10/26 09:30	04/10/26 17:44	10
Magnesium	**22.7**		2.00	0.445	mg/L		04/10/26 09:30	04/10/26 17:44	10
Potassium	**8.67**		5.00	1.06	mg/L		04/10/26 09:30	04/10/26 17:44	10
Sodium	**285**		5.00	1.52	mg/L		04/10/26 09:30	04/10/26 17:44	10
Lithium	**0.240**	**J**	0.400	0.174	mg/L		04/10/26 09:30	04/10/26 17:44	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0138**	**J**	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 19:07	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 19:07	1
Arsenic	**0.00338**	**J**	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 19:07	1
Barium	**0.0434**		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 19:07	1
Beryllium	**0.00400**		0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 19:07	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 19:07	1
Chromium	**0.000731**	**J**	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 19:07	1
Cobalt	**0.0937**		0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 19:07	1
Iron	**1.24**		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 19:07	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 19:07	1
Molybdenum	**0.00403**		0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 19:07	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 19:07	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 19:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 06:08	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**843**		4.00	4.00	mg/L			04/08/26 13:34	1
Total Dissolved Solids (SM 2540C)	**1590**		10.0	10.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**5.7**	**HF**			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	**17.1**	**HF**			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	14.0	U	19.4	19.5	50.0	29.5	pCi/L	04/08/26 14:05	04/29/26 05:27	1
Radium-228	22.5	U	25.0	25.1	50.0	44.1	pCi/L	04/08/26 14:05	04/29/26 05:27	1
Combined Radium 226 + 228	36.5	U	31.6	31.8		44.1	pCi/L	04/08/26 14:05	04/29/26 05:27	1

Client Sample ID: AP MW-1
Lab Sample ID: 870-45499-1
Date Collected: 04/01/26 08:00
Matrix: Water
Date Received: 04/03/26 10:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.611		0.218	0.225	1.00	0.204	pCi/L	04/08/26 12:11	04/30/26 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.95	G	0.871	0.912	1.00	1.02	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*78.3*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*78.5*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: SSP MW-4S
Lab Sample ID: 870-45499-2
Date Collected: 04/01/26 09:30
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	408		0.500	0.250	mg/L			04/09/26 15:23	1
Fluoride	2.73		0.500	0.100	mg/L			04/09/26 15:23	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2630		5.00	2.00	mg/L			04/09/26 15:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	8.37		0.500	0.162	mg/L		04/10/26 09:30	04/10/26 17:46	10
Calcium	485		2.00	1.02	mg/L		04/10/26 09:30	04/10/26 17:46	10
Magnesium	193		2.00	0.445	mg/L		04/10/26 09:30	04/10/26 17:46	10
Potassium	33.7		5.00	1.06	mg/L		04/10/26 09:30	04/10/26 17:46	10
Sodium	423		5.00	1.52	mg/L		04/10/26 09:30	04/10/26 17:46	10
Lithium	0.565		0.400	0.174	mg/L		04/10/26 09:30	04/10/26 17:46	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	23.0		0.200	0.0549	mg/L		04/12/26 11:00	04/13/26 17:04	10
Antimony	0.00199	J	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:01	1
Arsenic	0.00912		0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:01	1
Barium	0.0292		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:01	1
Beryllium	0.0274		0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:01	1
Cadmium	0.00270		0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:01	1
Chromium	0.000842	J	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:01	1
Cobalt	0.113		0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:01	1
Iron	53.8		0.200	0.0445	mg/L		04/12/26 11:00	04/13/26 17:04	10
Lead	0.0162		0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:01	1

Client Sample ID: SSP MW-4S
Lab Sample ID: 870-45499-2
Date Collected: 04/01/26 09:30
Matrix: Water
Date Received: 04/03/26 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:01	1
Selenium	**0.00300**		0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:01	1
Thallium	**0.00348**		0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:01	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.000111**	**J**	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 06:09	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	<4.00	U	4.00	4.00	mg/L			04/08/26 13:51	1
Total Dissolved Solids (SM 2540C)	**4390**		20.0	20.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**3.6**	**HF**			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	**18.5**	**HF**			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	14.7	U	18.2	18.3	50.0	27.5	pCi/L	04/08/26 14:05	04/29/26 08:17	1
Radium-228	-3.13	U G	32.5	32.5	50.0	55.2	pCi/L	04/08/26 14:05	04/29/26 08:17	1
Combined Radium 226 + 228	11.5	U	37.2	37.3		55.2	pCi/L	04/08/26 14:05	04/29/26 08:17	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**2.79**		0.448	0.514	1.00	0.243	pCi/L	04/08/26 12:11	04/30/26 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.4*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**8.53**	**G**	1.32	1.54	1.00	1.05	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*73.4*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*74.8*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-45499-3
Date Collected: 04/01/26 11:05
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 15:03	1

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-45499-3

Date Collected: 04/01/26 11:05
Matrix: Water

Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2060**		5.00	2.50	mg/L			04/09/26 15:13	10
Sulfate	**897**		5.00	2.00	mg/L			04/09/26 15:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.184**	**J**	0.500	0.162	mg/L		04/10/26 09:30	04/10/26 17:50	10
Calcium	**403**		2.00	1.02	mg/L		04/10/26 09:30	04/10/26 17:50	10
Magnesium	**79.3**		2.00	0.445	mg/L		04/10/26 09:30	04/10/26 17:50	10
Potassium	**24.6**		5.00	1.06	mg/L		04/10/26 09:30	04/10/26 17:50	10
Sodium	**935**		5.00	1.52	mg/L		04/10/26 09:30	04/10/26 17:50	10
Lithium	**0.569**		0.400	0.174	mg/L		04/10/26 09:30	04/10/26 17:50	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.0680**		0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:07	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:07	1
Arsenic	**0.00258**	**J**	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:07	1
Barium	**0.0244**		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:07	1
Beryllium	**0.00224**		0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:07	1
Cadmium	**0.00175**	**J**	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:07	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:07	1
Cobalt	**0.0311**		0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:07	1
Iron	**0.693**		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:07	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:07	1
Molybdenum	**0.000388**	**J**	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:07	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:07	1
Thallium	**0.00112**	**J**	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:07	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 06:11	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**40.9**		4.00	4.00	mg/L			04/08/26 13:46	1
Total Dissolved Solids (SM 2540C)	**4020**		20.0	20.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**5.2**	**HF**			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	**17.7**	**HF**			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	11.8	U	20.9	20.9	50.0	32.3	pCi/L	04/08/26 14:05	04/29/26 08:16	1
Radium-228	11.6	U G	17.3	17.3	50.0	51.8	pCi/L	04/08/26 14:05	04/29/26 08:16	1
Combined Radium 226 + 228	23.4	U	27.1	27.1		51.8	pCi/L	04/08/26 14:05	04/29/26 08:16	1

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-45499-3
Date Collected: 04/01/26 11:05
Matrix: Water
Date Received: 04/03/26 10:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.765**		0.203	0.214	1.00	0.137	pCi/L	04/08/26 12:11	04/30/26 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.9*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**3.24**		0.722	0.781	1.00	0.722	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*74.9*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*81.5*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: SSP MW-5D
Lab Sample ID: 870-45499-4
Date Collected: 04/01/26 12:20
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 14:43	1
Sulfate	**220**		0.500	0.200	mg/L			04/09/26 14:43	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1410**		5.00	2.50	mg/L			04/09/26 14:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.504**		0.500	0.162	mg/L		04/10/26 09:30	04/10/26 17:52	10
Calcium	**222**		2.00	1.02	mg/L		04/10/26 09:30	04/10/26 17:52	10
Magnesium	**34.0**		2.00	0.445	mg/L		04/10/26 09:30	04/10/26 17:52	10
Potassium	**24.8**		5.00	1.06	mg/L		04/10/26 09:30	04/10/26 17:52	10
Sodium	**676**		5.00	1.52	mg/L		04/10/26 09:30	04/10/26 17:52	10
Lithium	**0.509**		0.400	0.174	mg/L		04/10/26 09:30	04/10/26 17:52	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00825**	**J**	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:09	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:09	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:09	1
Barium	**0.0421**		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:09	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:09	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:09	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:09	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:09	1
Iron	**0.426**		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:09	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:09	1

Client Sample ID: SSP MW-5D
Lab Sample ID: 870-45499-4
Date Collected: 04/01/26 12:20
Matrix: Water
Date Received: 04/03/26 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**0.000329**	**J**	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:09	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:09	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 06:14	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**567**		4.00	4.00	mg/L			04/08/26 13:10	1
Total Dissolved Solids (SM 2540C)	**2720**		20.0	20.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**6.7**	**HF**			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	**18.1**	**HF**			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-2.25	U	19.9	19.9	50.0	33.1	pCi/L	04/08/26 14:05	04/29/26 08:16	1
Radium-228	27.6	U	29.6	29.7	50.0	44.1	pCi/L	04/08/26 14:05	04/29/26 08:16	1
Combined Radium 226 + 228	25.4	U	35.7	35.8		44.1	pCi/L	04/08/26 14:05	04/29/26 08:16	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.255**		0.130	0.132	1.00	0.143	pCi/L	04/08/26 12:11	04/30/26 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.2*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.18**		0.633	0.642	1.00	0.928	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.2*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*76.3*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: FD-3
Lab Sample ID: 870-45499-5
Date Collected: 04/01/26 12:25
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 14:23	1
Sulfate	**220**		0.500	0.200	mg/L			04/09/26 14:23	1

Client Sample ID: FD-3
Lab Sample ID: 870-45499-5

Date Collected: 04/01/26 12:25
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1400**		5.00	2.50	mg/L			04/09/26 14:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.502**		0.500	0.162	mg/L		04/10/26 09:30	04/10/26 17:54	10
Calcium	**225**		2.00	1.02	mg/L		04/10/26 09:30	04/10/26 17:54	10
Magnesium	**34.4**		2.00	0.445	mg/L		04/10/26 09:30	04/10/26 17:54	10
Potassium	**24.9**		5.00	1.06	mg/L		04/10/26 09:30	04/10/26 17:54	10
Sodium	**685**		5.00	1.52	mg/L		04/10/26 09:30	04/10/26 17:54	10
Lithium	**0.526**		0.400	0.174	mg/L		04/10/26 09:30	04/10/26 17:54	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.00832**	**J**	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:12	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:12	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:12	1
Barium	**0.0395**		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:12	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:12	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:12	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:12	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:12	1
Iron	**0.395**		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:12	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:12	1
Molybdenum	**0.000337**	**J**	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:12	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:12	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:12	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 06:16	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**306**		4.00	4.00	mg/L			04/08/26 12:50	1
Total Dissolved Solids (SM 2540C)	**2710**		20.0	20.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**6.8**	**HF**			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	**18.6**	**HF**			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	5.80	U	9.39	9.41	50.0	31.0	pCi/L	04/08/26 14:05	04/29/26 09:53	1
Radium-228	15.9	U	26.7	26.8	50.0	42.7	pCi/L	04/08/26 14:05	04/29/26 09:53	1
Combined Radium 226 + 228	21.7	U	28.3	28.4		42.7	pCi/L	04/08/26 14:05	04/29/26 09:53	1

Client Sample ID: FD-3
Lab Sample ID: 870-45499-5
Date Collected: 04/01/26 12:25
Matrix: Water
Date Received: 04/03/26 10:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.321		0.141	0.144	1.00	0.143	pCi/L	04/08/26 12:11	04/30/26 12:23	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.3*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:23*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	1.27		0.593	0.605	1.00	0.842	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*80.3*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*80.0*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: SSP MW-6D
Lab Sample ID: 870-45499-6
Date Collected: 04/01/26 14:25
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 13:43	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1520		5.00	2.50	mg/L			04/09/26 13:53	10
Sulfate	1090		5.00	2.00	mg/L			04/09/26 13:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.461	J	0.500	0.162	mg/L		04/10/26 09:30	04/10/26 17:56	10
Calcium	380		2.00	1.02	mg/L		04/10/26 09:30	04/10/26 17:56	10
Magnesium	63.8		2.00	0.445	mg/L		04/10/26 09:30	04/10/26 17:56	10
Potassium	37.7		5.00	1.06	mg/L		04/10/26 09:30	04/10/26 17:56	10
Sodium	878		5.00	1.52	mg/L		04/10/26 09:30	04/10/26 17:56	10
Lithium	0.459		0.400	0.174	mg/L		04/10/26 09:30	04/10/26 17:56	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.0284		0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:15	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:15	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:15	1
Barium	0.0296		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:15	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:15	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:15	1
Chromium	0.000756	J	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:15	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:15	1
Iron	0.436		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:15	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:15	1

Client Sample ID: SSP MW-6D
Lab Sample ID: 870-45499-6

Date Collected: 04/01/26 14:25
Matrix: Water
Date Received: 04/03/26 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:15	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:15	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:15	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 06:17	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	254		4.00	4.00	mg/L			04/08/26 12:57	1
Total Dissolved Solids (SM 2540C)	3910		20.0	20.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	6.5	HF			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	19.0	HF			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	9.25	U	16.6	16.7	50.0	26.0	pCi/L	04/08/26 14:05	04/29/26 09:52	1
Radium-228	2.75	U	28.3	28.3	50.0	48.5	pCi/L	04/08/26 14:05	04/29/26 09:52	1
Combined Radium 226 + 228	12.0	U	32.8	32.9		48.5	pCi/L	04/08/26 14:05	04/29/26 09:52	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.342		0.146	0.149	1.00	0.153	pCi/L	04/08/26 12:11	04/30/26 12:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.40		0.681	0.716	1.00	0.783	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*77.5*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*75.9*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-45499-1	AP MW-1	78.3
870-45499-2	SSP MW-4S	73.4
870-45499-3	SSP MW-5S	74.9
870-45499-4	SSP MW-5D	77.2
870-45499-5	FD-3	80.3
870-45499-6	SSP MW-6D	77.5
LCS 160-764950/2-A	Lab Control Sample	86.4
LCSD 160-764950/3-A	Lab Control Sample Dup	89.3
MB 160-764950/1-A	Method Blank	83.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-45499-1	AP MW-1	78.3	78.5
870-45499-2	SSP MW-4S	73.4	74.8
870-45499-3	SSP MW-5S	74.9	81.5
870-45499-4	SSP MW-5D	77.2	76.3
870-45499-5	FD-3	80.3	80.0
870-45499-6	SSP MW-6D	77.5	75.9
LCS 160-764952/2-A	Lab Control Sample	86.4	81.5
LCSD 160-764952/3-A	Lab Control Sample Dup	89.3	84.1
MB 160-764952/1-A	Method Blank	83.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier
Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-312187/3
Matrix: Water
Analysis Batch: 312187

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/09/26 10:33	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 10:33	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/09/26 10:33	1

Lab Sample ID: LCS 860-312187/4
Matrix: Water
Analysis Batch: 312187

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.33		mg/L		103	90 - 110
Fluoride	10.0	10.07		mg/L		101	90 - 110
Sulfate	10.0	9.420		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-312187/5
Matrix: Water
Analysis Batch: 312187

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.27		mg/L		103	90 - 110	1	20
Fluoride	10.0	9.921		mg/L		99	90 - 110	1	20
Sulfate	10.0	9.259		mg/L		93	90 - 110	2	20

Method: 6010D - Metals (ICP)

Lab Sample ID: LB 860-312245/1-C
Matrix: Water
Analysis Batch: 313125

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312626

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0809	U	0.250	0.0809	mg/L		04/10/26 09:30	04/10/26 17:32	1
Calcium	<0.508	U	1.00	0.508	mg/L		04/10/26 09:30	04/10/26 17:32	1
Magnesium	<0.222	U	1.00	0.222	mg/L		04/10/26 09:30	04/10/26 17:32	1
Potassium	<0.530	U	2.50	0.530	mg/L		04/10/26 09:30	04/10/26 17:32	1
Sodium	<0.759	U	2.50	0.759	mg/L		04/10/26 09:30	04/10/26 17:32	1
Lithium	<0.0868	U	0.200	0.0868	mg/L		04/10/26 09:30	04/10/26 17:32	1

Lab Sample ID: MB 860-312626/1-A
Matrix: Water
Analysis Batch: 313125

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312626

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/10/26 09:30	04/10/26 17:05	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/10/26 09:30	04/10/26 17:05	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/10/26 09:30	04/10/26 17:05	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/10/26 09:30	04/10/26 17:05	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/10/26 09:30	04/10/26 17:05	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/10/26 09:30	04/10/26 17:05	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-312626/2-A
Matrix: Water
Analysis Batch: 313125

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312626

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Boron	1.00	0.9620		mg/L		96	80 - 120
Calcium	25.0	24.90		mg/L		100	80 - 120
Magnesium	25.0	24.00		mg/L		96	80 - 120
Potassium	10.0	10.10		mg/L		101	80 - 120
Sodium	25.0	24.70		mg/L		99	80 - 120
Lithium	1.00	0.9970		mg/L		100	80 - 120

Lab Sample ID: LCSD 860-312626/3-A
Matrix: Water
Analysis Batch: 313125

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312626

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Boron	1.00	0.9570		mg/L		96	80 - 120	1	20
Calcium	25.0	24.80		mg/L		99	80 - 120	0	20
Magnesium	25.0	23.90		mg/L		96	80 - 120	0	20
Potassium	10.0	10.10		mg/L		101	80 - 120	0	20
Sodium	25.0	24.60		mg/L		98	80 - 120	0	20
Lithium	1.00	0.9980		mg/L		100	80 - 120	0	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-312968/1-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:45	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:45	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:45	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:45	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:45	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:45	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:45	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:45	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:45	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:45	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:45	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:45	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:45	1

Lab Sample ID: LCS 860-312968/2-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4884		mg/L		98	80 - 120
Antimony	0.100	0.09951		mg/L		100	80 - 120
Arsenic	0.100	0.09801		mg/L		98	80 - 120
Barium	0.100	0.09697		mg/L		97	80 - 120

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

Lab Sample ID: LCS 860-312968/2-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Beryllium	0.100	0.1000		mg/L		100	80 - 120
Cadmium	0.100	0.1018		mg/L		102	80 - 120
Chromium	0.100	0.1042		mg/L		104	80 - 120
Cobalt	0.100	0.1008		mg/L		101	80 - 120
Iron	0.500	0.5154		mg/L		103	80 - 120
Lead	0.100	0.09961		mg/L		100	80 - 120
Molybdenum	0.100	0.1024		mg/L		102	80 - 120
Selenium	0.100	0.09617		mg/L		96	80 - 120
Thallium	0.100	0.1008		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-312968/3-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4791		mg/L		96	80 - 120	2	20
Antimony	0.100	0.09915		mg/L		99	80 - 120	0	20
Arsenic	0.100	0.09790		mg/L		98	80 - 120	0	20
Barium	0.100	0.09614		mg/L		96	80 - 120	1	20
Beryllium	0.100	0.1000		mg/L		100	80 - 120	0	20
Cadmium	0.100	0.1025		mg/L		102	80 - 120	1	20
Chromium	0.100	0.1034		mg/L		103	80 - 120	1	20
Cobalt	0.100	0.1008		mg/L		101	80 - 120	0	20
Iron	0.500	0.5123		mg/L		102	80 - 120	1	20
Lead	0.100	0.09986		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1043		mg/L		104	80 - 120	2	20
Selenium	0.100	0.09534		mg/L		95	80 - 120	1	20
Thallium	0.100	0.1007		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 860-312970/1-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 15:53	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 15:53	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 15:53	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 15:53	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 15:53	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 15:53	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 15:53	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 15:53	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 15:53	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 15:53	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 15:53	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 15:53	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 15:53	1

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

Lab Sample ID: LCS 860-312970/2-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312970

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4781		mg/L		96	80 - 120
Antimony	0.100	0.1017		mg/L		102	80 - 120
Arsenic	0.100	0.09610		mg/L		96	80 - 120
Barium	0.100	0.09657		mg/L		97	80 - 120
Beryllium	0.100	0.09610		mg/L		96	80 - 120
Cadmium	0.100	0.09833		mg/L		98	80 - 120
Chromium	0.100	0.1016		mg/L		102	80 - 120
Cobalt	0.100	0.09880		mg/L		99	80 - 120
Iron	0.500	0.5025		mg/L		101	80 - 120
Lead	0.100	0.09838		mg/L		98	80 - 120
Molybdenum	0.100	0.1011		mg/L		101	80 - 120
Selenium	0.100	0.09261		mg/L		93	80 - 120
Thallium	0.100	0.09904		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-312970/3-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312970

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4765		mg/L		95	80 - 120	0	20
Antimony	0.100	0.09944		mg/L		99	80 - 120	2	20
Arsenic	0.100	0.09621		mg/L		96	80 - 120	0	20
Barium	0.100	0.09619		mg/L		96	80 - 120	0	20
Beryllium	0.100	0.09617		mg/L		96	80 - 120	0	20
Cadmium	0.100	0.1019		mg/L		102	80 - 120	4	20
Chromium	0.100	0.1043		mg/L		104	80 - 120	3	20
Cobalt	0.100	0.09880		mg/L		99	80 - 120	0	20
Iron	0.500	0.5135		mg/L		103	80 - 120	2	20
Lead	0.100	0.09952		mg/L		100	80 - 120	1	20
Molybdenum	0.100	0.1020		mg/L		102	80 - 120	1	20
Selenium	0.100	0.09289		mg/L		93	80 - 120	0	20
Thallium	0.100	0.1000		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: LB 860-310903/1-E
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312476

Analyte	LB Result	LB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 05:40	1

Lab Sample ID: MB 860-312476/1-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 18:37	04/10/26 05:36	1

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

Lab Sample ID: LCS 860-312476/2-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001810		mg/L		90	80 - 120

Lab Sample ID: LCSD 860-312476/3-A
Matrix: Water
Analysis Batch: 312546

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312476

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001897		mg/L		95	80 - 120	5	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-312174/3
Matrix: Water
Analysis Batch: 312174

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/08/26 11:09	1

Lab Sample ID: LCS 860-312174/5
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	249.6		mg/L		100	85 - 115

Lab Sample ID: LCSD 860-312174/6
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	251.1		mg/L		100	85 - 115	1	20

Lab Sample ID: LLCS 860-312174/4
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	4.609		mg/L		115	50 - 150

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

Lab Sample ID: MB 870-37327/1
Matrix: Water
Analysis Batch: 37327

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	<2.50	U	2.50	2.50	mg/L			04/06/26 17:11	1

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

Lab Sample ID: LCS 870-37327/2
Matrix: Water
Analysis Batch: 37327

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			1000	1038		mg/L		104	80 - 120		

Lab Sample ID: LCSD 870-37327/3
Matrix: Water
Analysis Batch: 37327

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1002		mg/L		100	80 - 120	4	10

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-764973/1-A
Matrix: Water
Analysis Batch: 768313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764973

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.97	U	23.3	23.4	50.0	28.7	pCi/L	04/08/26 14:05	04/29/26 05:27	1
Radium-228	-2.937	U G	33.5	33.5	50.0	57.7	pCi/L	04/08/26 14:05	04/29/26 05:27	1
Combined Radium 226 + 228	23.03	U	40.8	40.9		57.7	pCi/L	04/08/26 14:05	04/29/26 05:27	1

Lab Sample ID: LCS 160-764973/2-A
Matrix: Water
Analysis Batch: 768312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764973

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	139400		15200		1090	pCi/L	98	75 - 125		
Cesium-137			37200	37700		3750		168	pCi/L	101	75 - 125		
Cobalt-60			47600	46130		4500		92.1	pCi/L	97	75 - 125		

Lab Sample ID: 870-45499-1 DU
Matrix: Water
Analysis Batch: 768313

Client Sample ID: AP MW-1
Prep Type: Total/NA
Prep Batch: 764973

Analyte	Sample Result	Sample Qual		DU Result	DU Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit			RER	RER Limit
Radium-226	14.0	U		8.604	U	15.0	50.0	30.0	pCi/L			0.16	1
Radium-228	22.5	U		6.132	U G	32.9	50.0	54.9	pCi/L			0.28	1
Combined Radium 226 + 228	36.5	U		14.74	U	36.2		54.9	pCi/L			0.32	1

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-764950/1-A
Matrix: Water
Analysis Batch: 768428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764950

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02650	U	0.0756	0.0757	1.00	0.145	pCi/L	04/08/26 12:11	04/30/26 12:23	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:23*	*1*

Lab Sample ID: LCS 160-764950/2-A
Matrix: Water
Analysis Batch: 768428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764950

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.223		0.955	1.00	0.128	pCi/L	86	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*

Lab Sample ID: LCSD 160-764950/3-A
Matrix: Water
Analysis Batch: 768428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 764950

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.57	7.853		0.920	1.00	0.183	pCi/L	82	75 - 125	0.20	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*89.3*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-764952/1-A
Matrix: Water
Analysis Batch: 768155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764952

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2341	U	0.420	0.420	1.00	0.719	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*81.1*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCS 160-764952/2-A
Matrix: Water
Analysis Batch: 768155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764952

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.20	9.884		1.39	1.00	0.653	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

Lab Sample ID: LCSD 160-764952/3-A
Matrix: Water
Analysis Batch: 768155

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 764952

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			9.20	8.743		1.26	1.00	0.625	pCi/L	95	75 - 125	0.43	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*89.3*		*30 - 110*
Y Carrier	*84.1*		*30 - 110*

HPLC/IC

Analysis Batch: 312187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	9056A	
870-45499-1 - DL	AP MW-1	Total/NA	Water	9056A	
870-45499-2	SSP MW-4S	Total/NA	Water	9056A	
870-45499-2 - DL	SSP MW-4S	Total/NA	Water	9056A	
870-45499-3	SSP MW-5S	Total/NA	Water	9056A	
870-45499-3 - DL	SSP MW-5S	Total/NA	Water	9056A	
870-45499-4	SSP MW-5D	Total/NA	Water	9056A	
870-45499-4 - DL	SSP MW-5D	Total/NA	Water	9056A	
870-45499-5	FD-3	Total/NA	Water	9056A	
870-45499-5 - DL	FD-3	Total/NA	Water	9056A	
870-45499-6	SSP MW-6D	Total/NA	Water	9056A	
870-45499-6 - DL	SSP MW-6D	Total/NA	Water	9056A	
MB 860-312187/3	Method Blank	Total/NA	Water	9056A	
LCS 860-312187/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-312187/5	Lab Control Sample Dup	Total/NA	Water	9056A	

Metals

Leach Batch: 310903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-310903/1-E	Method Blank	Total/NA	Water	1311	

Leach Batch: 312245

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LB 860-312245/1-C	Method Blank	Total/NA	Water	1311	

Prep Batch: 312476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	7470A	
870-45499-2	SSP MW-4S	Total/NA	Water	7470A	
870-45499-3	SSP MW-5S	Total/NA	Water	7470A	
870-45499-4	SSP MW-5D	Total/NA	Water	7470A	
870-45499-5	FD-3	Total/NA	Water	7470A	
870-45499-6	SSP MW-6D	Total/NA	Water	7470A	
LB 860-310903/1-E	Method Blank	Total/NA	Water	7470A	310903
MB 860-312476/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-312476/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-312476/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 312546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	7470A	312476
870-45499-2	SSP MW-4S	Total/NA	Water	7470A	312476
870-45499-3	SSP MW-5S	Total/NA	Water	7470A	312476
870-45499-4	SSP MW-5D	Total/NA	Water	7470A	312476
870-45499-5	FD-3	Total/NA	Water	7470A	312476
870-45499-6	SSP MW-6D	Total/NA	Water	7470A	312476
LB 860-310903/1-E	Method Blank	Total/NA	Water	7470A	312476
MB 860-312476/1-A	Method Blank	Total/NA	Water	7470A	312476
LCS 860-312476/2-A	Lab Control Sample	Total/NA	Water	7470A	312476
LCSD 860-312476/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	312476

Metals

Prep Batch: 312626

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	3010A	
870-45499-2	SSP MW-4S	Total/NA	Water	3010A	
870-45499-3	SSP MW-5S	Total/NA	Water	3010A	
870-45499-4	SSP MW-5D	Total/NA	Water	3010A	
870-45499-5	FD-3	Total/NA	Water	3010A	
870-45499-6	SSP MW-6D	Total/NA	Water	3010A	
LB 860-312245/1-C	Method Blank	Total/NA	Water	3010A	312245
MB 860-312626/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312626/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312626/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	3010A	
MB 860-312968/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312968/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312968/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-2	SSP MW-4S	Total/NA	Water	3010A	
870-45499-3	SSP MW-5S	Total/NA	Water	3010A	
870-45499-4	SSP MW-5D	Total/NA	Water	3010A	
870-45499-5	FD-3	Total/NA	Water	3010A	
870-45499-6	SSP MW-6D	Total/NA	Water	3010A	
MB 860-312970/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312970/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312970/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 313125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	6010D	312626
870-45499-2	SSP MW-4S	Total/NA	Water	6010D	312626
870-45499-3	SSP MW-5S	Total/NA	Water	6010D	312626
870-45499-4	SSP MW-5D	Total/NA	Water	6010D	312626
870-45499-5	FD-3	Total/NA	Water	6010D	312626
870-45499-6	SSP MW-6D	Total/NA	Water	6010D	312626
LB 860-312245/1-C	Method Blank	Total/NA	Water	6010D	312626
MB 860-312626/1-A	Method Blank	Total/NA	Water	6010D	312626
LCS 860-312626/2-A	Lab Control Sample	Total/NA	Water	6010D	312626
LCSD 860-312626/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	312626

Analysis Batch: 313224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	6020B	312968
870-45499-2	SSP MW-4S	Total/NA	Water	6020B	312970
870-45499-2	SSP MW-4S	Total/NA	Water	6020B	312970
870-45499-3	SSP MW-5S	Total/NA	Water	6020B	312970
870-45499-4	SSP MW-5D	Total/NA	Water	6020B	312970
870-45499-5	FD-3	Total/NA	Water	6020B	312970
870-45499-6	SSP MW-6D	Total/NA	Water	6020B	312970

Metals (Continued)

Analysis Batch: 313224 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-312968/1-A	Method Blank	Total/NA	Water	6020B	312968
MB 860-312970/1-A	Method Blank	Total/NA	Water	6020B	312970
LCS 860-312968/2-A	Lab Control Sample	Total/NA	Water	6020B	312968
LCS 860-312970/2-A	Lab Control Sample	Total/NA	Water	6020B	312970
LCSD 860-312968/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312968
LCSD 860-312970/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312970

General Chemistry

Analysis Batch: 37327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	SM 2540C	
870-45499-2	SSP MW-4S	Total/NA	Water	SM 2540C	
870-45499-3	SSP MW-5S	Total/NA	Water	SM 2540C	
870-45499-4	SSP MW-5D	Total/NA	Water	SM 2540C	
870-45499-5	FD-3	Total/NA	Water	SM 2540C	
870-45499-6	SSP MW-6D	Total/NA	Water	SM 2540C	
MB 870-37327/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37327/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37327/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 37339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	SM 4500 H+ B	
870-45499-2	SSP MW-4S	Total/NA	Water	SM 4500 H+ B	
870-45499-3	SSP MW-5S	Total/NA	Water	SM 4500 H+ B	
870-45499-4	SSP MW-5D	Total/NA	Water	SM 4500 H+ B	
870-45499-5	FD-3	Total/NA	Water	SM 4500 H+ B	
870-45499-6	SSP MW-6D	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 312174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	SM 2320B	
870-45499-2	SSP MW-4S	Total/NA	Water	SM 2320B	
870-45499-3	SSP MW-5S	Total/NA	Water	SM 2320B	
870-45499-4	SSP MW-5D	Total/NA	Water	SM 2320B	
870-45499-5	FD-3	Total/NA	Water	SM 2320B	
870-45499-6	SSP MW-6D	Total/NA	Water	SM 2320B	
MB 860-312174/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-312174/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-312174/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-312174/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 764950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	PrecSep-21	
870-45499-2	SSP MW-4S	Total/NA	Water	PrecSep-21	
870-45499-3	SSP MW-5S	Total/NA	Water	PrecSep-21	
870-45499-4	SSP MW-5D	Total/NA	Water	PrecSep-21	
870-45499-5	FD-3	Total/NA	Water	PrecSep-21	

Rad (Continued)

Prep Batch: 764950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-6	SSP MW-6D	Total/NA	Water	PrecSep-21	
MB 160-764950/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-764950/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-764950/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 764952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	PrecSep_0	
870-45499-2	SSP MW-4S	Total/NA	Water	PrecSep_0	
870-45499-3	SSP MW-5S	Total/NA	Water	PrecSep_0	
870-45499-4	SSP MW-5D	Total/NA	Water	PrecSep_0	
870-45499-5	FD-3	Total/NA	Water	PrecSep_0	
870-45499-6	SSP MW-6D	Total/NA	Water	PrecSep_0	
MB 160-764952/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-764952/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-764952/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

Prep Batch: 764973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45499-1	AP MW-1	Total/NA	Water	Fill_Geo-21	
870-45499-2	SSP MW-4S	Total/NA	Water	Fill_Geo-21	
870-45499-3	SSP MW-5S	Total/NA	Water	Fill_Geo-21	
870-45499-4	SSP MW-5D	Total/NA	Water	Fill_Geo-21	
870-45499-5	FD-3	Total/NA	Water	Fill_Geo-21	
870-45499-6	SSP MW-6D	Total/NA	Water	Fill_Geo-21	
MB 160-764973/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-764973/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	
870-45499-1 DU	AP MW-1	Total/NA	Water	Fill_Geo-21	

Lab Chronicle

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-1
Lab Sample ID: 870-45499-1
Date Collected: 04/01/26 08:00
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 15:43	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 15:53	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312626	04/10/26 09:30	MD	EET HOU
Total/NA	Analysis	6010D		10			313125	04/10/26 17:44	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312968	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 19:07	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312476	04/09/26 18:37	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 06:08	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 13:34	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768312	04/29/26 05:27	ASA	EET SL
Total/NA	Prep	PrecSep-21			755.37 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 12:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			755.37 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Client Sample ID: SSP MW-4S
Lab Sample ID: 870-45499-2
Date Collected: 04/01/26 09:30
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 15:23	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 15:33	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312626	04/10/26 09:30	MD	EET HOU
Total/NA	Analysis	6010D		10			313125	04/10/26 17:46	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:01	DP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		10			313224	04/13/26 17:04	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312476	04/09/26 18:37	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 06:09	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 13:51	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768317	04/29/26 08:17	MLS	EET SL
Total/NA	Prep	PrecSep-21			754.69 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 12:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			754.69 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Client Sample ID: SSP MW-5S
Lab Sample ID: 870-45499-3

Date Collected: 04/01/26 11:05
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 15:03	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 15:13	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312626	04/10/26 09:30	MD	EET HOU
Total/NA	Analysis	6010D		10			313125	04/10/26 17:50	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:07	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312476	04/09/26 18:37	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 06:11	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 13:46	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768313	04/29/26 08:16	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.23 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 12:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.23 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Client Sample ID: SSP MW-5D
Lab Sample ID: 870-45499-4

Date Collected: 04/01/26 12:20
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 14:43	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 14:53	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312626	04/10/26 09:30	MD	EET HOU
Total/NA	Analysis	6010D		10			313125	04/10/26 17:52	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:09	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312476	04/09/26 18:37	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 06:14	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 13:10	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768312	04/29/26 08:16	ASA	EET SL
Total/NA	Prep	PrecSep-21			1002.57 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 12:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			1002.57 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: FD-3
Lab Sample ID: 870-45499-5
Date Collected: 04/01/26 12:25
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 14:23	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 14:33	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312626	04/10/26 09:30	MD	EET HOU
Total/NA	Analysis	6010D		10			313125	04/10/26 17:54	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:12	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312476	04/09/26 18:37	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 06:16	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 12:50	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768317	04/29/26 09:53	MLS	EET SL
Total/NA	Prep	PrecSep-21			1001.06 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 12:23	SWS	EET SL
Total/NA	Prep	PrecSep_0			1001.06 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Client Sample ID: SSP MW-6D
Lab Sample ID: 870-45499-6
Date Collected: 04/01/26 14:25
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 13:43	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 13:53	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312626	04/10/26 09:30	MD	EET HOU
Total/NA	Analysis	6010D		10			313125	04/10/26 17:56	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:15	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312476	04/09/26 18:37	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 06:17	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 12:57	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768313	04/29/26 09:52	ASA	EET SL
Total/NA	Prep	PrecSep-21			1003.29 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 12:22	SWS	EET SL
Total/NA	Prep	PrecSep_0			1003.29 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Lab Chronicle

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704295. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by Texas NELAP T104704193. This list may include analytes for which the agency does not offer certification:

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-45499-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-45499-1	AP MW-1	Water	04/01/26 08:00	04/03/26 10:22	Texas
870-45499-2	SSP MW-4S	Water	04/01/26 09:30	04/03/26 10:22	Texas
870-45499-3	SSP MW-5S	Water	04/01/26 11:05	04/03/26 10:22	Texas
870-45499-4	SSP MW-5D	Water	04/01/26 12:20	04/03/26 10:22	Texas
870-45499-5	FD-3	Water	04/01/26 12:25	04/03/26 10:22	Texas
870-45499-6	SSP MW-6D	Water	04/01/26 14:25	04/03/26 10:22	Texas

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

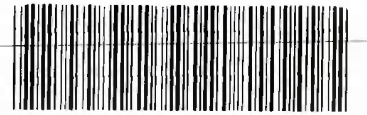
eurofins | Environment Testing

5/11/2026

Client Information	Sampler: W.R. Cullen	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16757-5707.1
Client Contact: Brad Woodard	Phone: 979 485 2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page: Page
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			Preservation Codes: D - HNO3 N - None
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			Other:
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP MW-1	4/1/2026	0800	G	Water			X	X	X	X	X	X		X	X	6	
SSP MW-4S	4/1/26	0930	G	Water			X	X	X	X	X	X		X	X	6	
SSP MW-5S	4/1/26	1105	G	Water			X	X	X	X	X	X		X	X	6	
SSP MW-5D	4/1/26	1220	G	Water			X	X	X	X	X	X		X	X	6	
FD-3	4/1/26	1225	G	Water			X	X	X	X	X	X		X	X	6	
SSP MW 6D	4/1/26	1425	G	Water			X	X	X	X	X	X		X	X	6	
				Water													
				Water													
				Water													
				Water													
				Water													



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: 8899 6740 0230, 0241

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	W.R. Cullen	4/2/26 1500		FedEx		
2	FedEx	4/3/26 10:22			4/3/26 10:22	
3						

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: 0.8 0.6 TH M043 CF+0.0

Ver: 05/06/2024

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10221.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-45499-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 4/10/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW-1 (870-45499-1)	4/1/26	08:00 Central	G	Water			X	X	X	2	
SSP MW-4S (870-45499-2)	4/1/26	09:30 Central	G	Water			X	X	X	2	
SSP MW-5S (870-45499-3)	4/1/26	11:05 Central	G	Water			X	X	X	2	
SSP MW-5D (870-45499-4)	4/1/26	12:20 Central	G	Water			X	X	X	2	
FD-3 (870-45499-5)	4/1/26	12:25 Central	G	Water			X	X	X	2	
SSP MW-6D (870-45499-6)	4/1/26	14:25 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	04/06/26-1700		APR 06 2026		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
				0850 APR 07 2026	
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

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

5/11/2026

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10222.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-45499-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/9/2026			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_Prep Mercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) LI + Minerals	2320B	Total Number of containers	Special Instructions/Note:
			Preservation Code:										
AP MW-1 (870-45499-1)	4/1/26	08:00 Central	G	Water			X	X	X	X	X	3	
SSP MW-4S (870-45499-2)	4/1/26	09:30 Central	G	Water			X	X	X	X	X	3	
SSP MW-5S (870-45499-3)	4/1/26	11:05 Central	G	Water			X	X	X	X	X	3	
SSP MW-5D (870-45499-4)	4/1/26	12:20 Central	G	Water			X	X	X	X	X	3	
FD-3 (870-45499-5)	4/1/26	12:25 Central	G	Water			X	X	X	X	X	3	
SSP MW-6D (870-45499-6)	4/1/26	14:25 Central	G	Water			X	X	X	X	X	3	

Preservation Codes:
Other: N/A

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 04/06/26 1700	Company	Received by: FEDEX	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: APR 06 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: JC	Date/Time: 4/7/26 8:00	Company

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: H00-368 2.2

Ver 10/10/2024

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45499-1

Login Number: 45499
List Number: 1
Creator: Virani, Tycho L

List Source: Eurofins Dallas

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45499-1

Login Number: 45499
List Number: 2
Creator: Carreon, Fernando

List Source: Eurofins Houston
List Creation: 04/07/26 07:26 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45499-1

Login Number: 45499
List Number: 3
Creator: Forrest, Cheyenne L

List Source: Eurofins St. Louis
List Creation: 04/07/26 01:06 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

ANALYTICAL REPORT

PREPARED FOR

Attn: Brad Woodard
HDR Inc
17111 Preston Road
Suite 200
Dallas, Texas 75248-1232

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JOB DESCRIPTION

Gibbons Creek Steam Electric Station

JOB NUMBER

870-45500-1

Eurofins Dallas
9701 Harry Hines Blvd
Dallas TX 75220

See page two for job notes and contact information.

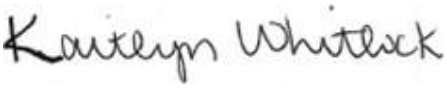
myEOL

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
Kaitlyn Whitlock, Project Manager
Kaitlyn.Whitlock@et.eurofinsus.com
(214)902-0300

Table of Contents

Cover Page 1
Table of Contents 3
Definitions/Glossary 4
Case Narrative 6
Client Sample Results 8
Tracer Carrier Summary 15
QC Sample Results 16
QC Association Summary 26
Lab Chronicle 30
Certification Summary 33
Method Summary 34
Sample Summary 35
Chain of Custody 36
Receipt Checklists 39

Qualifiers

HPLC/IC

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.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
^2	Calibration Blank (ICB and/or CCB) is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Rad

Qualifier	Qualifier Description
G	The Sample MDC is greater than the requested RL.
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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
870-45500-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The samples were received on 4/3/2026 10:22 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 1.0°C and 1.2°C.

HPLC/IC
Method 9056A: The following samples were diluted to bring the concentration of target analytes within the calibration range: AP MW-3D (870-45500-1), SSP MW-3D (870-45500-3) and SSP MW-6S (870-45500-4). Elevated reporting limits (RLs) are provided.

Method 9056A: Due to the high concentration of Sulfate, the matrix spike / matrix spike duplicate (MS/MSD) for analytical batch 860-312187 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-312187 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 9056A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-312187 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.

Method 9056A: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for analytical batch 860-312187 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

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

Metals
Method 6010D: The following samples were diluted due to the nature of the sample matrix: AP MW-3D (870-45500-1), SSP MW-2D (870-45500-2), SSP MW-3D (870-45500-3) and SSP MW-6S (870-45500-4). Elevated reporting limits (RLs) are provided.

Method 6010D: The continuing calibration blank (CCB) for analytical batch 860-313588 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D: The difference between dissolved and sodium for Potassium is less than 20%.

Method 6010D - Dissolved: The continuing calibration blank (CCB) for analytical batch 860-313588 contained Sodium above the reporting limit (RL). All reported samples associated with this CCB were either ND for this analyte or contained this analyte at a concentration greater than 10X the value found in the CCB; therefore, re-analysis of samples was not performed.

Method 6010D - Dissolved: The difference between dissolved and sodium for Potassium is less than 20%.

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

Job ID: 870-45500-1 (Continued) Eurofins Dallas

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

Gamma Spectroscopy
Method 901.1: Gamma Batch 764973

Many isotopes requested by gamma spectrometry analysis do not have any gamma emissions, the gamma emissions they do have are very poor, and/or are reported by assuming secular equilibrium with a longer-lived parent (or vice-versa). For example, Th-232 (which does not have a good gamma-ray) is often reported assuming the shorter-lived Ra-228 daughter is in equilibrium with the Th-232 parent. Or, Pb-214 and/or Bi-214, daughters of potentially volatile Rn-222 in the Ra-226 decay chain, may not be in equilibrium with the parent unless sufficient time has been allowed since the break in equilibrium (e.g. 21 days in the case of Ra-226-supported ingrowth). The client should ensure that such inference is acceptable for their sample based upon process knowledge. The following assumptions were made for this report:

Inferred From	Reported as Analyte
Th-234	Pa-234
Th-234	U-238
Pb-210	Po-210
Pb-210	Bi-210
Cs-137	Ba-137m
Pb-212	Po-216
Xe-131m	Xe-131
Sb-125	Te-125m
Ag-208m	Ag-108
Rh-106	Ru-106
Pb-212	Th-228
Pb-212	Ra-224
U-235	Th-231
Ac-228	Th-232
Ac-228	Ra-228
Th-227	Ra-223
Th-227	Ac-227
Th-227	Bi-211
Th-227	Pb-211
Bi-214	Ra-226

Method 901.1: Gamma Batch 764973

The detection goal of 50 pCi/L was not met for Ra 228 for the following sample. An elevated MDC can occur when higher background counts are applied to a peak ROI. This is due to the relatively small size of the peak or subsequent “force-fit” of the non-existent peak which resulted in higher than normal background counts due to statistical fluctuations in the Compton baseline. The laboratory does not believe this adversely affects the data, the Ra 228 is well below the RL and MDC.

AP MW-3D (870-45500-1), SSP MW-6S (870-45500-4) and (870-45499-A-1-B DU)

Method 901.1: Gamma Batch 764973

The Ra 228 MDC for the method blank (MB) is above the requested limit of 50.0 pCi/L.Activity was not observed in the MB above the MDC or RL.The data have been reported with the MDC achieved. (MB 160-764973/1-A).

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

Gas Flow Proportional Counter
Method 904.0: Radium 228 Batch 764952

The detection goal was not met for the following sample due to a reduced sample volume used in prep attributed to the presence of matrix interferences. AP MW-3D (870-45500-1) and SSP MW-3D (870-45500-3)

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

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: AP MW-3D
Lab Sample ID: 870-45500-1

Date Collected: 04/01/26 12:30
Matrix: Water

Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		0.500	0.250	mg/L			04/09/26 11:23	1
Fluoride	<0.100	U F1 F2	0.500	0.100	mg/L			04/09/26 11:23	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	**831**		5.00	2.00	mg/L			04/09/26 11:33	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**1.42**		0.500	0.162	mg/L		04/13/26 13:00	04/14/26 12:19	10
Calcium	**184**		2.00	1.02	mg/L		04/13/26 13:00	04/14/26 12:19	10
Magnesium	**23.5**		2.00	0.445	mg/L		04/13/26 13:00	04/14/26 12:19	10
Potassium	**18.3**		5.00	1.06	mg/L		04/13/26 13:00	04/14/26 12:19	10
Sodium	**251**		5.00	1.52	mg/L		04/13/26 13:00	04/14/26 12:19	10
Lithium	**0.252**	**J**	0.400	0.174	mg/L		04/13/26 13:00	04/14/26 12:19	10

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/13/26 13:00	04/14/26 13:32	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/13/26 13:00	04/14/26 13:32	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/13/26 13:00	04/14/26 13:32	1
Barium	**0.0270**		0.0100	0.00125	mg/L		04/13/26 13:00	04/14/26 13:32	1
Beryllium	**0.00114**	**J**	0.00400	0.00107	mg/L		04/13/26 13:00	04/14/26 13:32	1
Boron	**1.46**		0.0500	0.0162	mg/L		04/13/26 13:00	04/14/26 13:32	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/13/26 13:00	04/14/26 13:32	1
Calcium	**182**		0.200	0.102	mg/L		04/13/26 13:00	04/14/26 13:32	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/13/26 13:00	04/14/26 13:32	1
Cobalt	**0.0350**		0.0100	0.00123	mg/L		04/13/26 13:00	04/14/26 13:32	1
Iron	**1.83**		0.200	0.0283	mg/L		04/13/26 13:00	04/14/26 13:32	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/13/26 13:00	04/14/26 13:32	1
Magnesium	**23.8**		0.200	0.0445	mg/L		04/13/26 13:00	04/14/26 13:32	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/13/26 13:00	04/14/26 13:32	1
Potassium	**20.3**		0.500	0.106	mg/L		04/13/26 13:00	04/14/26 13:32	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/13/26 13:00	04/14/26 13:32	1
Sodium	**256**	**^2**	2.50	0.759	mg/L		04/13/26 13:00	04/14/26 13:34	5
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/13/26 13:00	04/14/26 13:32	1
Li	**0.134**		0.0400	0.0174	mg/L		04/13/26 13:00	04/14/26 13:32	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.344**		0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:17	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:17	1
Arsenic	**0.00648**		0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:17	1
Barium	**0.0279**		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:17	1
Beryllium	**0.00139**	**J**	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:17	1
Cadmium	**0.000725**	**J**	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:17	1
Chromium	**0.00111**	**J**	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:17	1
Cobalt	**0.0345**		0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:17	1
Iron	**2.06**		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:17	1
Lead	**0.000586**	**J**	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:17	1

Client Sample ID: AP MW-3D
Lab Sample ID: 870-45500-1
Date Collected: 04/01/26 12:30
Matrix: Water
Date Received: 04/03/26 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	0.000833	J	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:17	1
Selenium	0.00177	J	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:17	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:17	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:29	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:22	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	46.4		4.00	4.00	mg/L			04/08/26 13:19	1
Total Dissolved Solids (SM 2540C)	1830		10.0	10.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	5.5	HF			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	17.3	HF			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-7.86	U	20.8	20.8	50.0	35.3	pCi/L	04/08/26 14:05	04/29/26 09:53	1
Radium-228	3.07	U G	32.2	32.2	50.0	54.6	pCi/L	04/08/26 14:05	04/29/26 09:53	1
Combined Radium 226 + 228	-4.79	U	38.3	38.3		54.6	pCi/L	04/08/26 14:05	04/29/26 09:53	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.222		0.148	0.149	1.00	0.195	pCi/L	04/08/26 12:11	04/30/26 12:22	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.5*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:22*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	2.12	G	0.791	0.815	1.00	1.02	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.5*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*76.3*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-45500-2

Date Collected: 04/01/26 16:20
Matrix: Water

Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2760**		5.00	2.50	mg/L			04/13/26 20:00	10
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 12:23	1
Sulfate	**2230**		5.00	2.00	mg/L			04/13/26 20:00	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	**0.538**		0.500	0.162	mg/L		04/13/26 13:00	04/14/26 12:21	10
Calcium	**894**		2.00	1.02	mg/L		04/13/26 13:00	04/14/26 12:21	10
Magnesium	**146**		2.00	0.445	mg/L		04/13/26 13:00	04/14/26 12:21	10
Potassium	**57.0**		5.00	1.06	mg/L		04/13/26 13:00	04/14/26 12:21	10
Sodium	**1290**		5.00	1.52	mg/L		04/13/26 13:00	04/14/26 12:21	10
Lithium	**1.01**		0.400	0.174	mg/L		04/13/26 13:00	04/14/26 12:21	10

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/13/26 13:00	04/14/26 13:37	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/13/26 13:00	04/14/26 13:37	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/13/26 13:00	04/14/26 13:37	1
Barium	**0.0186**		0.0100	0.00125	mg/L		04/13/26 13:00	04/14/26 13:37	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/13/26 13:00	04/14/26 13:37	1
Boron	**0.558**		0.0500	0.0162	mg/L		04/13/26 13:00	04/14/26 13:37	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/13/26 13:00	04/14/26 13:37	1
Calcium	**880**		1.00	0.508	mg/L		04/13/26 13:00	04/14/26 13:39	5
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/13/26 13:00	04/14/26 13:37	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/13/26 13:00	04/14/26 13:37	1
Iron	**1.06**		0.200	0.0283	mg/L		04/13/26 13:00	04/14/26 13:37	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/13/26 13:00	04/14/26 13:37	1
Magnesium	**150**		0.200	0.0445	mg/L		04/13/26 13:00	04/14/26 13:37	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/13/26 13:00	04/14/26 13:37	1
Potassium	**67.9**		0.500	0.106	mg/L		04/13/26 13:00	04/14/26 13:37	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/13/26 13:00	04/14/26 13:37	1
Sodium	**1260**	**^2**	25.0	7.59	mg/L		04/13/26 13:00	04/14/26 13:49	50
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/13/26 13:00	04/14/26 13:37	1
Li	**0.985**		0.0400	0.0174	mg/L		04/13/26 13:00	04/14/26 13:37	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**0.228**		0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:20	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:20	1
Arsenic	**0.00137**	**J**	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:20	1
Barium	**0.0212**		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:20	1
Beryllium	**0.000425**	**J**	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:20	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:20	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:20	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:20	1
Iron	**1.16**		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:20	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:20	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:20	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:20	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:20	1

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-45500-2

Date Collected: 04/01/26 16:20
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:31	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:23	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	**76.7**		4.00	4.00	mg/L			04/08/26 13:59	1
Total Dissolved Solids (SM 2540C)	**6790**		50.0	50.0	mg/L			04/06/26 17:11	1
pH (SM 4500 H+ B)	**5.8**	**HF**			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	**17.8**	**HF**			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**50.3**		23.5	24.0	50.0	28.3	pCi/L	04/08/26 14:05	04/30/26 09:35	1
Radium-228	7.69	U	29.5	29.5	50.0	49.4	pCi/L	04/08/26 14:05	04/30/26 09:35	1
Combined Radium 226 + 228	**58.0**		37.7	38.0		49.4	pCi/L	04/08/26 14:05	04/30/26 09:35	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	**0.474**		0.184	0.189	1.00	0.179	pCi/L	04/08/26 12:11	04/30/26 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.7*		*30 - 110*	*04/08/26 12:11*	*04/30/26 15:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	**1.84**	**G**	0.750	0.768	1.00	1.00	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*88.7*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*73.3*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-45500-3

Date Collected: 04/01/26 14:20
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 12:43	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1490**		5.00	2.50	mg/L			04/09/26 12:53	10

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-45500-3

Date Collected: 04/01/26 14:20
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Sulfate	2390		5.00	2.00	mg/L			04/09/26 12:53	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	3.56		0.500	0.162	mg/L		04/13/26 13:00	04/14/26 12:28	10
Calcium	650		2.00	1.02	mg/L		04/13/26 13:00	04/14/26 12:28	10
Magnesium	136		2.00	0.445	mg/L		04/13/26 13:00	04/14/26 12:28	10
Potassium	52.2		5.00	1.06	mg/L		04/13/26 13:00	04/14/26 12:28	10
Sodium	898	^2	5.00	1.52	mg/L		04/13/26 13:00	04/14/26 12:28	10
Lithium	0.750		0.400	0.174	mg/L		04/13/26 13:00	04/14/26 12:28	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.685		0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 19:09	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 19:09	1
Arsenic	0.00421		0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 19:09	1
Barium	0.0205		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 19:09	1
Beryllium	0.0101		0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 19:09	1
Cadmium	0.00617		0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 19:09	1
Chromium	0.00150	J	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 19:09	1
Cobalt	0.175		0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 19:09	1
Iron	1.68		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 19:09	1
Lead	0.000480	J	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 19:09	1
Molybdenum	0.000278	J	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 19:09	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 19:09	1
Thallium	0.00123	J	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 19:09	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	8.64		4.00	4.00	mg/L			04/08/26 13:54	1
Total Dissolved Solids (SM 2540C)	5210		20.0	20.0	mg/L			04/06/26 17:13	1
pH (SM 4500 H+ B)	4.8	HF			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	17.4	HF			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	24.3		12.7	13.0	50.0	14.5	pCi/L	04/08/26 14:05	04/29/26 11:35	1
Radium-228	25.4	U	18.8	19.0	50.0	48.5	pCi/L	04/08/26 14:05	04/29/26 11:35	1
Combined Radium 226 + 228	49.7		22.7	23.0		48.5	pCi/L	04/08/26 14:05	04/29/26 11:35	1

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-45500-3

Date Collected: 04/01/26 14:20
Matrix: Water
Date Received: 04/03/26 10:22

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	1.52		0.305	0.334	1.00	0.167	pCi/L	04/08/26 12:11	04/30/26 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*30 - 110*	*04/08/26 12:11*	*04/30/26 15:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	5.50	G	1.06	1.17	1.00	1.06	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*85.5*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*75.5*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Client Sample ID: SSP MW-6S
Lab Sample ID: 870-45500-4

Date Collected: 04/01/26 15:55
Matrix: Water
Date Received: 04/03/26 10:22

Method: SW846 9056A - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 13:03	1

Method: SW846 9056A - Anions, Ion Chromatography - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1820		5.00	2.50	mg/L			04/09/26 13:13	10
Sulfate	2850		5.00	2.00	mg/L			04/09/26 13:13	10

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	0.381	J	0.500	0.162	mg/L		04/13/26 13:00	04/14/26 12:32	10
Calcium	701		2.00	1.02	mg/L		04/13/26 13:00	04/14/26 12:32	10
Magnesium	186		2.00	0.445	mg/L		04/13/26 13:00	04/14/26 12:32	10
Potassium	43.2		5.00	1.06	mg/L		04/13/26 13:00	04/14/26 12:32	10
Sodium	1110	^2	5.00	1.52	mg/L		04/13/26 13:00	04/14/26 12:32	10
Lithium	0.676		0.400	0.174	mg/L		04/13/26 13:00	04/14/26 12:32	10

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.635		0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:23	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:23	1
Arsenic	0.00219	J	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:23	1
Barium	0.0183		0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:23	1
Beryllium	0.0751		0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:23	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:23	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:23	1
Cobalt	0.0164		0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:23	1
Iron	8.03		0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:23	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:23	1

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SSP MW-6S
Lab Sample ID: 870-45500-4
Date Collected: 04/01/26 15:55
Matrix: Water
Date Received: 04/03/26 10:22

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:23	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:23	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:23	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:08	04/10/26 05:33	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity (SM 2320B)	45.2		4.00	4.00	mg/L			04/08/26 15:43	1
Total Dissolved Solids (SM 2540C)	6220		20.0	20.0	mg/L			04/06/26 17:13	1
pH (SM 4500 H+ B)	5.2	HF			SU			04/07/26 12:45	1
Temperature (SM 4500 H+ B)	17.0	HF			Celsius			04/07/26 12:45	1

Method: EPA 901.1 - Radium-226 & Other Gamma Emitters (GS)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	-0.107	U	22.3	22.3	50.0	36.3	pCi/L	04/08/26 14:05	04/29/26 11:35	1
Radium-228	11.3	U G	31.3	31.3	50.0	51.4	pCi/L	04/08/26 14:05	04/29/26 11:35	1
Combined Radium 226 + 228	11.2	U	38.4	38.4		51.4	pCi/L	04/08/26 14:05	04/29/26 11:35	1

Method: EPA 903.0 - Radium-226 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.392		0.180	0.184	1.00	0.198	pCi/L	04/08/26 12:11	04/30/26 15:24	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*04/08/26 12:11*	*04/30/26 15:24*	*1*

Method: EPA 904.0 - Radium-228 (GFPC)

Analyte	Result	Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	3.15		0.829	0.878	1.00	0.943	pCi/L	04/08/26 12:13	04/28/26 09:57	1

Carrier	*%Yield*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*79.8*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:57*	*1*
Y Carrier	*79.6*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:57*	*1*

Tracer/Carrier Summary

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Method: 903.0 - Radium-226 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)
		Ba
Lab Sample ID	Client Sample ID	(30-110)
870-45500-1	AP MW-3D	79.5
870-45500-2	SSP MW-2D	88.7
870-45500-3	SSP MW-3D	85.5
870-45500-4	SSP MW-6S	79.8
LCS 160-764950/2-A	Lab Control Sample	86.4
LCSD 160-764950/3-A	Lab Control Sample Dup	89.3
MB 160-764950/1-A	Method Blank	83.8

Tracer/Carrier Legend

Ba = Ba Carrier

Method: 904.0 - Radium-228 (GFPC)

Matrix: Water **Prep Type: Total/NA**

		Percent Yield (Acceptance Limits)	
		Ba	Y
Lab Sample ID	Client Sample ID	(30-110)	(30-110)
870-45500-1	AP MW-3D	79.5	76.3
870-45500-2	SSP MW-2D	88.7	73.3
870-45500-3	SSP MW-3D	85.5	75.5
870-45500-4	SSP MW-6S	79.8	79.6
LCS 160-764952/2-A	Lab Control Sample	86.4	81.5
LCSD 160-764952/3-A	Lab Control Sample Dup	89.3	84.1
MB 160-764952/1-A	Method Blank	83.8	81.1

Tracer/Carrier Legend

Ba = Ba Carrier

Y = Y Carrier

Method: 9056A - Anions, Ion Chromatography

Lab Sample ID: MB 860-312187/3
Matrix: Water
Analysis Batch: 312187

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/09/26 10:33	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/09/26 10:33	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/09/26 10:33	1

Lab Sample ID: LCS 860-312187/4
Matrix: Water
Analysis Batch: 312187

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.33		mg/L		103	90 - 110
Fluoride	10.0	10.07		mg/L		101	90 - 110
Sulfate	10.0	9.420		mg/L		94	90 - 110

Lab Sample ID: LCSD 860-312187/5
Matrix: Water
Analysis Batch: 312187

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.27		mg/L		103	90 - 110	1	20
Fluoride	10.0	9.921		mg/L		99	90 - 110	1	20
Sulfate	10.0	9.259		mg/L		93	90 - 110	2	20

Lab Sample ID: 870-45500-1 MS
Matrix: Water
Analysis Batch: 312187

Client Sample ID: AP MW-3D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	220		10.0	235.6	4	mg/L		160	90 - 110
Fluoride	<0.100	U F1 F2	10.0	7.507	F1	mg/L		75	90 - 110

Lab Sample ID: 870-45500-1 MSD
Matrix: Water
Analysis Batch: 312187

Client Sample ID: AP MW-3D
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	220		10.0	240.7	4	mg/L		212	90 - 110	2	15
Fluoride	<0.100	U F1 F2	10.0	4.202	F1 F2	mg/L		42	90 - 110	56	15

Lab Sample ID: MB 860-313136/62
Matrix: Water
Analysis Batch: 313136

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.250	U	0.500	0.250	mg/L			04/13/26 18:26	1
Fluoride	<0.100	U	0.500	0.100	mg/L			04/13/26 18:26	1
Sulfate	<0.200	U	0.500	0.200	mg/L			04/13/26 18:26	1

Method: 9056A - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 860-313136/63
Matrix: Water
Analysis Batch: 313136

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	10.96		mg/L		110	90 - 110
Sulfate	10.0	10.32		mg/L		103	90 - 110

Lab Sample ID: LCSD 860-313136/64
Matrix: Water
Analysis Batch: 313136

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	10.70		mg/L		107	90 - 110	2	20
Sulfate	10.0	10.29		mg/L		103	90 - 110	0	20

Lab Sample ID: LLCS 860-313136/66
Matrix: Water
Analysis Batch: 313136

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.6534		mg/L		131	50 - 150
Fluoride	0.500	0.5161		mg/L		103	50 - 150
Sulfate	0.500	0.6171		mg/L		123	50 - 150

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 860-313177/1-A
Matrix: Water
Analysis Batch: 313588

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 313177

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.0352	U	0.200	0.0352	mg/L		04/13/26 13:00	04/14/26 11:58	1
Antimony	<0.00803	U	0.0200	0.00803	mg/L		04/13/26 13:00	04/14/26 11:58	1
Arsenic	<0.00650	U	0.0100	0.00650	mg/L		04/13/26 13:00	04/14/26 11:58	1
Barium	<0.00125	U	0.0100	0.00125	mg/L		04/13/26 13:00	04/14/26 11:58	1
Beryllium	<0.00107	U	0.00400	0.00107	mg/L		04/13/26 13:00	04/14/26 11:58	1
Boron	<0.0162	U	0.0500	0.0162	mg/L		04/13/26 13:00	04/14/26 11:58	1
Cadmium	<0.000831	U	0.00500	0.000831	mg/L		04/13/26 13:00	04/14/26 11:58	1
Calcium	<0.102	U	0.200	0.102	mg/L		04/13/26 13:00	04/14/26 11:58	1
Chromium	<0.00216	U	0.0100	0.00216	mg/L		04/13/26 13:00	04/14/26 11:58	1
Cobalt	<0.00123	U	0.0100	0.00123	mg/L		04/13/26 13:00	04/14/26 11:58	1
Iron	<0.0283	U	0.200	0.0283	mg/L		04/13/26 13:00	04/14/26 11:58	1
Lead	<0.00368	U	0.0100	0.00368	mg/L		04/13/26 13:00	04/14/26 11:58	1
Magnesium	<0.0445	U	0.200	0.0445	mg/L		04/13/26 13:00	04/14/26 11:58	1
Molybdenum	<0.00260	U	0.0100	0.00260	mg/L		04/13/26 13:00	04/14/26 11:58	1
Potassium	<0.106	U	0.500	0.106	mg/L		04/13/26 13:00	04/14/26 11:58	1
Selenium	<0.00927	U	0.0300	0.00927	mg/L		04/13/26 13:00	04/14/26 11:58	1
Sodium	<0.152	U	0.500	0.152	mg/L		04/13/26 13:00	04/14/26 11:58	1
Thallium	<0.0110	U	0.0200	0.0110	mg/L		04/13/26 13:00	04/14/26 11:58	1
Li	<0.0174	U	0.0400	0.0174	mg/L		04/13/26 13:00	04/14/26 11:58	1
Lithium	<0.0174	U	0.0400	0.0174	mg/L		04/13/26 13:00	04/14/26 11:58	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: LCS 860-313177/2-A
Matrix: Water
Analysis Batch: 313588

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 313177

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5.00	4.900		mg/L		98	80 - 120
Antimony	1.00	0.9450		mg/L		95	80 - 120
Arsenic	1.00	0.9820		mg/L		98	80 - 120
Barium	1.00	1.030		mg/L		103	80 - 120
Beryllium	1.00	0.9920		mg/L		99	80 - 120
Boron	1.00	0.9530		mg/L		95	80 - 120
Cadmium	1.00	0.9700		mg/L		97	80 - 120
Calcium	25.0	24.60		mg/L		98	80 - 120
Chromium	1.00	0.9910		mg/L		99	80 - 120
Cobalt	1.00	0.9970		mg/L		100	80 - 120
Iron	5.00	5.240		mg/L		105	80 - 120
Lead	1.00	1.000		mg/L		100	80 - 120
Magnesium	25.0	23.80		mg/L		95	80 - 120
Molybdenum	1.00	1.020		mg/L		102	80 - 120
Potassium	10.0	9.920		mg/L		99	80 - 120
Selenium	1.00	0.9920		mg/L		99	80 - 120
Sodium	25.0	24.20		mg/L		97	80 - 120
Thallium	1.00	0.9990		mg/L		100	80 - 120
Li	1.00	0.9550		mg/L		96	80 - 120
Lithium	1.00	0.9550		mg/L		96	80 - 120

Lab Sample ID: LCSD 860-313177/3-A
Matrix: Water
Analysis Batch: 313588

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 313177

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	5.00	4.910		mg/L		98	80 - 120	0	20
Antimony	1.00	0.9970		mg/L		100	80 - 120	5	20
Arsenic	1.00	0.9840		mg/L		98	80 - 120	0	20
Barium	1.00	1.030		mg/L		103	80 - 120	0	20
Beryllium	1.00	0.9960		mg/L		100	80 - 120	0	20
Boron	1.00	0.9560		mg/L		96	80 - 120	0	20
Cadmium	1.00	0.9720		mg/L		97	80 - 120	0	20
Calcium	25.0	24.70		mg/L		99	80 - 120	0	20
Chromium	1.00	0.9950		mg/L		100	80 - 120	0	20
Cobalt	1.00	0.9980		mg/L		100	80 - 120	0	20
Iron	5.00	5.260		mg/L		105	80 - 120	0	20
Lead	1.00	1.010		mg/L		101	80 - 120	1	20
Magnesium	25.0	23.90		mg/L		96	80 - 120	0	20
Molybdenum	1.00	1.030		mg/L		103	80 - 120	1	20
Potassium	10.0	9.970		mg/L		100	80 - 120	1	20
Selenium	1.00	0.9850		mg/L		99	80 - 120	1	20
Sodium	25.0	24.30		mg/L		97	80 - 120	0	20
Thallium	1.00	1.010		mg/L		101	80 - 120	1	20
Li	1.00	0.9600		mg/L		96	80 - 120	1	20
Lithium	1.00	0.9600		mg/L		96	80 - 120	1	20

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 860-312968/1-A
Client Sample ID: Method Blank
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 313224
Prep Batch: 312968

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 17:45	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 17:45	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 17:45	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 17:45	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 17:45	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 17:45	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 17:45	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 17:45	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 17:45	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 17:45	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 17:45	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 17:45	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 17:45	1

Lab Sample ID: LCS 860-312968/2-A
Client Sample ID: Lab Control Sample
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 313224
Prep Batch: 312968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	0.500	0.4884		mg/L		98	80 - 120
Antimony	0.100	0.09951		mg/L		100	80 - 120
Arsenic	0.100	0.09801		mg/L		98	80 - 120
Barium	0.100	0.09697		mg/L		97	80 - 120
Beryllium	0.100	0.1000		mg/L		100	80 - 120
Cadmium	0.100	0.1018		mg/L		102	80 - 120
Chromium	0.100	0.1042		mg/L		104	80 - 120
Cobalt	0.100	0.1008		mg/L		101	80 - 120
Iron	0.500	0.5154		mg/L		103	80 - 120
Lead	0.100	0.09961		mg/L		100	80 - 120
Molybdenum	0.100	0.1024		mg/L		102	80 - 120
Selenium	0.100	0.09617		mg/L		96	80 - 120
Thallium	0.100	0.1008		mg/L		101	80 - 120

Lab Sample ID: LCSD 860-312968/3-A
Client Sample ID: Lab Control Sample Dup
Matrix: Water
Prep Type: Total/NA
Analysis Batch: 313224
Prep Batch: 312968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	0.500	0.4791		mg/L		96	80 - 120	2	20
Antimony	0.100	0.09915		mg/L		99	80 - 120	0	20
Arsenic	0.100	0.09790		mg/L		98	80 - 120	0	20
Barium	0.100	0.09614		mg/L		96	80 - 120	1	20
Beryllium	0.100	0.1000		mg/L		100	80 - 120	0	20
Cadmium	0.100	0.1025		mg/L		102	80 - 120	1	20
Chromium	0.100	0.1034		mg/L		103	80 - 120	1	20
Cobalt	0.100	0.1008		mg/L		101	80 - 120	0	20
Iron	0.500	0.5123		mg/L		102	80 - 120	1	20
Lead	0.100	0.09986		mg/L		100	80 - 120	0	20
Molybdenum	0.100	0.1043		mg/L		104	80 - 120	2	20

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

Lab Sample ID: LCSD 860-312968/3-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312968

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Selenium			0.100	0.09534		mg/L		95	80 - 120	1	20
Thallium			0.100	0.1007		mg/L		101	80 - 120	0	20

Lab Sample ID: MB 860-312970/1-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 312970

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	<0.00549	U	0.0200	0.00549	mg/L		04/12/26 11:00	04/13/26 15:53	1
Antimony	<0.000750	U	0.00200	0.000750	mg/L		04/12/26 11:00	04/13/26 15:53	1
Arsenic	<0.000690	U	0.00400	0.000690	mg/L		04/12/26 11:00	04/13/26 15:53	1
Barium	<0.00134	U	0.00400	0.00134	mg/L		04/12/26 11:00	04/13/26 15:53	1
Beryllium	<0.000271	U	0.00200	0.000271	mg/L		04/12/26 11:00	04/13/26 15:53	1
Cadmium	<0.000240	U	0.00200	0.000240	mg/L		04/12/26 11:00	04/13/26 15:53	1
Chromium	<0.000560	U	0.00400	0.000560	mg/L		04/12/26 11:00	04/13/26 15:53	1
Cobalt	<0.000355	U	0.00200	0.000355	mg/L		04/12/26 11:00	04/13/26 15:53	1
Iron	<0.00445	U	0.0200	0.00445	mg/L		04/12/26 11:00	04/13/26 15:53	1
Lead	<0.000367	U	0.00200	0.000367	mg/L		04/12/26 11:00	04/13/26 15:53	1
Molybdenum	<0.000255	U	0.00200	0.000255	mg/L		04/12/26 11:00	04/13/26 15:53	1
Selenium	<0.000590	U	0.00200	0.000590	mg/L		04/12/26 11:00	04/13/26 15:53	1
Thallium	<0.000415	U	0.00200	0.000415	mg/L		04/12/26 11:00	04/13/26 15:53	1

Lab Sample ID: LCS 860-312970/2-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 312970

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum			0.500	0.4781		mg/L		96	80 - 120
Antimony			0.100	0.1017		mg/L		102	80 - 120
Arsenic			0.100	0.09610		mg/L		96	80 - 120
Barium			0.100	0.09657		mg/L		97	80 - 120
Beryllium			0.100	0.09610		mg/L		96	80 - 120
Cadmium			0.100	0.09833		mg/L		98	80 - 120
Chromium			0.100	0.1016		mg/L		102	80 - 120
Cobalt			0.100	0.09880		mg/L		99	80 - 120
Iron			0.500	0.5025		mg/L		101	80 - 120
Lead			0.100	0.09838		mg/L		98	80 - 120
Molybdenum			0.100	0.1011		mg/L		101	80 - 120
Selenium			0.100	0.09261		mg/L		93	80 - 120
Thallium			0.100	0.09904		mg/L		99	80 - 120

Lab Sample ID: LCSD 860-312970/3-A
Matrix: Water
Analysis Batch: 313224

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 312970

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum			0.500	0.4765		mg/L		95	80 - 120	0	20
Antimony			0.100	0.09944		mg/L		99	80 - 120	2	20
Arsenic			0.100	0.09621		mg/L		96	80 - 120	0	20

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

Lab Sample ID: LCSD 860-312970/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 313224 — **Prep Batch: 312970**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Barium	0.100	0.09619		mg/L		96	80 - 120	0	20
Beryllium	0.100	0.09617		mg/L		96	80 - 120	0	20
Cadmium	0.100	0.1019		mg/L		102	80 - 120	4	20
Chromium	0.100	0.1043		mg/L		104	80 - 120	3	20
Cobalt	0.100	0.09880		mg/L		99	80 - 120	0	20
Iron	0.500	0.5135		mg/L		103	80 - 120	2	20
Lead	0.100	0.09952		mg/L		100	80 - 120	1	20
Molybdenum	0.100	0.1020		mg/L		102	80 - 120	1	20
Selenium	0.100	0.09289		mg/L		93	80 - 120	0	20
Thallium	0.100	0.1000		mg/L		100	80 - 120	1	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 860-312514/1-A — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 312546 — **Prep Batch: 312514**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.0000706	U	0.000200	0.0000706	mg/L		04/09/26 21:07	04/10/26 04:57	1

Lab Sample ID: LCS 860-312514/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 312546 — **Prep Batch: 312514**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.00200	0.001869		mg/L		93	80 - 120

Lab Sample ID: LCSD 860-312514/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 312546 — **Prep Batch: 312514**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Mercury	0.00200	0.001904		mg/L		95	80 - 120	2	20

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-312174/3 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 312174

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/08/26 11:09	1

Lab Sample ID: MB 860-312174/40 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 312174

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00	4.00	mg/L			04/08/26 15:01	1

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCS 860-312174/41
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	243.8		mg/L		98	85 - 115

Lab Sample ID: LCS 860-312174/5
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	249.6		mg/L		100	85 - 115

Lab Sample ID: LCSD 860-312174/42
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	247.2		mg/L		99	85 - 115	1	20

Lab Sample ID: LCSD 860-312174/6
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity	250	251.1		mg/L		100	85 - 115	1	20

Lab Sample ID: LLCS 860-312174/4
Matrix: Water
Analysis Batch: 312174

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

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	4.00	4.609		mg/L		115	50 - 150

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

Lab Sample ID: MB 870-37327/1
Matrix: Water
Analysis Batch: 37327

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	<2.50	U	2.50	2.50	mg/L			04/06/26 17:11	1

Lab Sample ID: LCS 870-37327/2
Matrix: Water
Analysis Batch: 37327

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	1000	1038		mg/L		104	80 - 120

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

Lab Sample ID: LCSD 870-37327/3
Matrix: Water
Analysis Batch: 37327

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Total Dissolved Solids			1000	1002		mg/L		100	80 - 120	4	10

Method: SM 4500 H+ B - pH

Lab Sample ID: 870-45500-4 DU
Matrix: Water
Analysis Batch: 37339

Client Sample ID: SSP MW-6S
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
pH	5.2	HF		5.3		SU				2	20
Temperature	17.0	HF		17.1		Celsius				0.6	20

Method: 901.1 - Radium-226 & Other Gamma Emitters (GS)

Lab Sample ID: MB 160-764973/1-A
Matrix: Water
Analysis Batch: 768313

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764973

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	25.97	U	23.3	23.4	50.0	28.7	pCi/L	04/08/26 14:05	04/29/26 05:27	1
Radium-228	-2.937	U G	33.5	33.5	50.0	57.7	pCi/L	04/08/26 14:05	04/29/26 05:27	1
Combined Radium 226 + 228	23.03	U	40.8	40.9		57.7	pCi/L	04/08/26 14:05	04/29/26 05:27	1

Lab Sample ID: LCS 160-764973/2-A
Matrix: Water
Analysis Batch: 768312

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764973

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Americium-241			142000	139400		15200		1090	pCi/L	98	75 - 125		
Cesium-137			37200	37700		3750		168	pCi/L	101	75 - 125		
Cobalt-60			47600	46130		4500		92.1	pCi/L	97	75 - 125		

Method: 903.0 - Radium-226 (GFPC)

Lab Sample ID: MB 160-764950/1-A
Matrix: Water
Analysis Batch: 768428

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764950

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-226	0.02650	U	0.0756	0.0757	1.00	0.145	pCi/L	04/08/26 12:11	04/30/26 12:23	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*04/08/26 12:11*	*04/30/26 12:23*	*1*

Method: 903.0 - Radium-226 (GFPC) (Continued)

Lab Sample ID: LCS 160-764950/2-A
Matrix: Water
Analysis Batch: 768428

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764950

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-226			9.57	8.223		0.955	1.00	0.128	pCi/L	86	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*

Lab Sample ID: LCSD 160-764950/3-A
Matrix: Water
Analysis Batch: 768428

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 764950

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-226			9.57	7.853		0.920	1.00	0.183	pCi/L	82	75 - 125	0.20	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*89.3*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC)

Lab Sample ID: MB 160-764952/1-A
Matrix: Water
Analysis Batch: 768155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 764952

Analyte	MB Result	MB Qualifier	Count Uncert. (2σ+/-)	Total Uncert. (2σ+/-)	RL	MDC	Unit	Prepared	Analyzed	Dil Fac
Radium-228	0.2341	U	0.420	0.420	1.00	0.719	pCi/L	04/08/26 12:13	04/28/26 09:56	1

Carrier	*MB %Yield*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Ba Carrier	*83.8*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*
Y Carrier	*81.1*		*30 - 110*	*04/08/26 12:13*	*04/28/26 09:56*	*1*

Lab Sample ID: LCS 160-764952/2-A
Matrix: Water
Analysis Batch: 768155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 764952

Analyte			Spike Added	LCS Result	LCS Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits		
Radium-228			9.20	9.884		1.39	1.00	0.653	pCi/L	107	75 - 125		

Carrier	*LCS %Yield*	*LCS Qualifier*	*Limits*
Ba Carrier	*86.4*		*30 - 110*
Y Carrier	*81.5*		*30 - 110*

Method: 904.0 - Radium-228 (GFPC) (Continued)

Lab Sample ID: LCSD 160-764952/3-A
Matrix: Water
Analysis Batch: 768155

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 764952

Analyte			Spike Added	LCSD Result	LCSD Qual	Total Uncert. (2σ+/-)	RL	MDC	Unit	%Rec	%Rec Limits	RER	RER Limit
Radium-228			9.20	8.743		1.26	1.00	0.625	pCi/L	95	75 - 125	0.43	1

Carrier	*LCSD %Yield*	*LCSD Qualifier*	*Limits*
Ba Carrier	*89.3*		*30 - 110*
Y Carrier	*84.1*		*30 - 110*

HPLC/IC

Analysis Batch: 312187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	9056A	
870-45500-1 - DL	AP MW-3D	Total/NA	Water	9056A	
870-45500-2	SSP MW-2D	Total/NA	Water	9056A	
870-45500-3	SSP MW-3D	Total/NA	Water	9056A	
870-45500-3 - DL	SSP MW-3D	Total/NA	Water	9056A	
870-45500-4	SSP MW-6S	Total/NA	Water	9056A	
870-45500-4 - DL	SSP MW-6S	Total/NA	Water	9056A	
MB 860-312187/3	Method Blank	Total/NA	Water	9056A	
LCS 860-312187/4	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-312187/5	Lab Control Sample Dup	Total/NA	Water	9056A	
870-45500-1 MS	AP MW-3D	Total/NA	Water	9056A	
870-45500-1 MSD	AP MW-3D	Total/NA	Water	9056A	

Analysis Batch: 313136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-2	SSP MW-2D	Total/NA	Water	9056A	
MB 860-313136/62	Method Blank	Total/NA	Water	9056A	
LCS 860-313136/63	Lab Control Sample	Total/NA	Water	9056A	
LCSD 860-313136/64	Lab Control Sample Dup	Total/NA	Water	9056A	
LLCS 860-313136/66	Lab Control Sample	Total/NA	Water	9056A	

Metals

Prep Batch: 312514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Dissolved	Water	7470A	
870-45500-1	AP MW-3D	Total/NA	Water	7470A	
870-45500-2	SSP MW-2D	Dissolved	Water	7470A	
870-45500-2	SSP MW-2D	Total/NA	Water	7470A	
870-45500-3	SSP MW-3D	Total/NA	Water	7470A	
870-45500-4	SSP MW-6S	Total/NA	Water	7470A	
MB 860-312514/1-A	Method Blank	Total/NA	Water	7470A	
LCS 860-312514/2-A	Lab Control Sample	Total/NA	Water	7470A	
LCSD 860-312514/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	

Analysis Batch: 312546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Dissolved	Water	7470A	312514
870-45500-1	AP MW-3D	Total/NA	Water	7470A	312514
870-45500-2	SSP MW-2D	Dissolved	Water	7470A	312514
870-45500-2	SSP MW-2D	Total/NA	Water	7470A	312514
870-45500-3	SSP MW-3D	Total/NA	Water	7470A	312514
870-45500-4	SSP MW-6S	Total/NA	Water	7470A	312514
MB 860-312514/1-A	Method Blank	Total/NA	Water	7470A	312514
LCS 860-312514/2-A	Lab Control Sample	Total/NA	Water	7470A	312514
LCSD 860-312514/3-A	Lab Control Sample Dup	Total/NA	Water	7470A	312514

Prep Batch: 312968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-3	SSP MW-3D	Total/NA	Water	3010A	
MB 860-312968/1-A	Method Blank	Total/NA	Water	3010A	

Metals (Continued)

Prep Batch: 312968 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 860-312968/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312968/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 312970

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	3010A	
870-45500-2	SSP MW-2D	Total/NA	Water	3010A	
870-45500-4	SSP MW-6S	Total/NA	Water	3010A	
MB 860-312970/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-312970/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-312970/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Prep Batch: 313177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Dissolved	Water	3010A	
870-45500-1	AP MW-3D	Total/NA	Water	3010A	
870-45500-2	SSP MW-2D	Dissolved	Water	3010A	
870-45500-2	SSP MW-2D	Total/NA	Water	3010A	
870-45500-3	SSP MW-3D	Total/NA	Water	3010A	
870-45500-4	SSP MW-6S	Total/NA	Water	3010A	
MB 860-313177/1-A	Method Blank	Total/NA	Water	3010A	
LCS 860-313177/2-A	Lab Control Sample	Total/NA	Water	3010A	
LCSD 860-313177/3-A	Lab Control Sample Dup	Total/NA	Water	3010A	

Analysis Batch: 313224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	6020B	312970
870-45500-2	SSP MW-2D	Total/NA	Water	6020B	312970
870-45500-3	SSP MW-3D	Total/NA	Water	6020B	312968
870-45500-4	SSP MW-6S	Total/NA	Water	6020B	312970
MB 860-312968/1-A	Method Blank	Total/NA	Water	6020B	312968
MB 860-312970/1-A	Method Blank	Total/NA	Water	6020B	312970
LCS 860-312968/2-A	Lab Control Sample	Total/NA	Water	6020B	312968
LCS 860-312970/2-A	Lab Control Sample	Total/NA	Water	6020B	312970
LCSD 860-312968/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312968
LCSD 860-312970/3-A	Lab Control Sample Dup	Total/NA	Water	6020B	312970

Analysis Batch: 313588

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Dissolved	Water	6010D	313177
870-45500-1	AP MW-3D	Dissolved	Water	6010D	313177
870-45500-1	AP MW-3D	Total/NA	Water	6010D	313177
870-45500-2	SSP MW-2D	Dissolved	Water	6010D	313177
870-45500-2	SSP MW-2D	Dissolved	Water	6010D	313177
870-45500-2	SSP MW-2D	Dissolved	Water	6010D	313177
870-45500-2	SSP MW-2D	Total/NA	Water	6010D	313177
870-45500-3	SSP MW-3D	Total/NA	Water	6010D	313177
870-45500-4	SSP MW-6S	Total/NA	Water	6010D	313177
MB 860-313177/1-A	Method Blank	Total/NA	Water	6010D	313177
LCS 860-313177/2-A	Lab Control Sample	Total/NA	Water	6010D	313177
LCSD 860-313177/3-A	Lab Control Sample Dup	Total/NA	Water	6010D	313177

General Chemistry

Analysis Batch: 37327

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	SM 2540C	
870-45500-2	SSP MW-2D	Total/NA	Water	SM 2540C	
870-45500-3	SSP MW-3D	Total/NA	Water	SM 2540C	
870-45500-4	SSP MW-6S	Total/NA	Water	SM 2540C	
MB 870-37327/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 870-37327/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LCSD 870-37327/3	Lab Control Sample Dup	Total/NA	Water	SM 2540C	

Analysis Batch: 37339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-45500-2	SSP MW-2D	Total/NA	Water	SM 4500 H+ B	
870-45500-3	SSP MW-3D	Total/NA	Water	SM 4500 H+ B	
870-45500-4	SSP MW-6S	Total/NA	Water	SM 4500 H+ B	
870-45500-4 DU	SSP MW-6S	Total/NA	Water	SM 4500 H+ B	

Analysis Batch: 312174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	SM 2320B	
870-45500-2	SSP MW-2D	Total/NA	Water	SM 2320B	
870-45500-3	SSP MW-3D	Total/NA	Water	SM 2320B	
870-45500-4	SSP MW-6S	Total/NA	Water	SM 2320B	
MB 860-312174/3	Method Blank	Total/NA	Water	SM 2320B	
MB 860-312174/40	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-312174/41	Lab Control Sample	Total/NA	Water	SM 2320B	
LCS 860-312174/5	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-312174/42	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LCSD 860-312174/6	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
LLCS 860-312174/4	Lab Control Sample	Total/NA	Water	SM 2320B	

Rad

Prep Batch: 764950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	PrecSep-21	
870-45500-2	SSP MW-2D	Total/NA	Water	PrecSep-21	
870-45500-3	SSP MW-3D	Total/NA	Water	PrecSep-21	
870-45500-4	SSP MW-6S	Total/NA	Water	PrecSep-21	
MB 160-764950/1-A	Method Blank	Total/NA	Water	PrecSep-21	
LCS 160-764950/2-A	Lab Control Sample	Total/NA	Water	PrecSep-21	
LCSD 160-764950/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep-21	

Prep Batch: 764952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	PrecSep_0	
870-45500-2	SSP MW-2D	Total/NA	Water	PrecSep_0	
870-45500-3	SSP MW-3D	Total/NA	Water	PrecSep_0	
870-45500-4	SSP MW-6S	Total/NA	Water	PrecSep_0	
MB 160-764952/1-A	Method Blank	Total/NA	Water	PrecSep_0	
LCS 160-764952/2-A	Lab Control Sample	Total/NA	Water	PrecSep_0	
LCSD 160-764952/3-A	Lab Control Sample Dup	Total/NA	Water	PrecSep_0	

QC Association Summary

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Rad

Prep Batch: 764973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
870-45500-1	AP MW-3D	Total/NA	Water	Fill_Geo-21	
870-45500-2	SSP MW-2D	Total/NA	Water	Fill_Geo-21	
870-45500-3	SSP MW-3D	Total/NA	Water	Fill_Geo-21	
870-45500-4	SSP MW-6S	Total/NA	Water	Fill_Geo-21	
MB 160-764973/1-A	Method Blank	Total/NA	Water	Fill_Geo-21	
LCS 160-764973/2-A	Lab Control Sample	Total/NA	Water	Fill_Geo-21	

Client Sample ID: AP MW-3D
Lab Sample ID: 870-45500-1

Date Collected: 04/01/26 12:30
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 11:23	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 11:33	WP	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Dissolved	Analysis	6010D		1			313588	04/14/26 13:32	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Dissolved	Analysis	6010D		5			313588	04/14/26 13:34	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Total/NA	Analysis	6010D		10			313588	04/14/26 12:19	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:17	DP	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Dissolved	Analysis	7470A		1			312546	04/10/26 05:22	SHZ	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:29	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 13:19	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	50 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768312	04/29/26 09:53	ASA	EET SL
Total/NA	Prep	PrecSep-21			756.10 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 12:22	SWS	EET SL
Total/NA	Prep	PrecSep_0			756.10 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-45500-2

Date Collected: 04/01/26 16:20
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 12:23	WP	EET HOU
Total/NA	Analysis	9056A		10			313136	04/13/26 20:00	RJD	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Dissolved	Analysis	6010D		1			313588	04/14/26 13:37	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Dissolved	Analysis	6010D		5			313588	04/14/26 13:39	JDM	EET HOU
Dissolved	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Dissolved	Analysis	6010D		50			313588	04/14/26 13:49	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Total/NA	Analysis	6010D		10			313588	04/14/26 12:21	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:20	DP	EET HOU
Dissolved	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Dissolved	Analysis	7470A		1			312546	04/10/26 05:23	SHZ	EET HOU

Client Sample ID: SSP MW-2D
Lab Sample ID: 870-45500-2

Date Collected: 04/01/26 16:20
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:31	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 13:59	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	10 mL	200 mL	37327	04/06/26 17:11	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768420	04/30/26 09:35	ASA	EET SL
Total/NA	Prep	PrecSep-21			753.97 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 15:24	SWS	EET SL
Total/NA	Prep	PrecSep_0			753.97 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Client Sample ID: SSP MW-3D
Lab Sample ID: 870-45500-3

Date Collected: 04/01/26 14:20
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 12:43	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 12:53	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Total/NA	Analysis	6010D		10			313588	04/14/26 12:28	JDM	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	312968	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 19:09	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:32	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 13:54	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:13	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768313	04/29/26 11:35	ASA	EET SL
Total/NA	Prep	PrecSep-21			755.44 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 15:24	SWS	EET SL
Total/NA	Prep	PrecSep_0			755.44 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768155	04/28/26 09:56	SWS	EET SL

Client Sample ID: SSP MW-6S
Lab Sample ID: 870-45500-4

Date Collected: 04/01/26 15:55
Matrix: Water
Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	9056A		1			312187	04/09/26 13:03	WP	EET HOU
Total/NA	Analysis	9056A	DL	10			312187	04/09/26 13:13	WP	EET HOU
Total/NA	Prep	3010A			50 mL	50 mL	313177	04/13/26 13:00	MD	EET HOU
Total/NA	Analysis	6010D		10			313588	04/14/26 12:32	JDM	EET HOU

Lab Chronicle

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Client Sample ID: SSP MW-6S
Lab Sample ID: 870-45500-4

Date Collected: 04/01/26 15:55
Matrix: Water

Date Received: 04/03/26 10:22

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3010A			50 mL	50 mL	312970	04/12/26 11:00	MD	EET HOU
Total/NA	Analysis	6020B		1			313224	04/13/26 17:23	DP	EET HOU
Total/NA	Prep	7470A			50 mL	50 mL	312514	04/09/26 21:08	AGR	EET HOU
Total/NA	Analysis	7470A		1			312546	04/10/26 05:33	SHZ	EET HOU
Total/NA	Analysis	SM 2320B		1			312174	04/08/26 15:43	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	25 mL	200 mL	37327	04/06/26 17:13	TM	EET DAL
Total/NA	Analysis	SM 4500 H+ B		1			37339	04/07/26 12:45	CJH	EET DAL
Total/NA	Prep	Fill_Geo-21			1000 mL	1.0 g	764973	04/08/26 14:05	DC	EET SL
Total/NA	Analysis	901.1		1			768312	04/29/26 11:35	ASA	EET SL
Total/NA	Prep	PrecSep-21			751.22 mL	1.0 g	764950	04/08/26 12:11	VLQ	EET SL
Total/NA	Analysis	903.0		1			768428	04/30/26 15:24	SWS	EET SL
Total/NA	Prep	PrecSep_0			751.22 mL	1.0 g	764952	04/08/26 12:13	VLQ	EET SL
Total/NA	Analysis	904.0		1	1.0 mL	1.0 mL	768153	04/28/26 09:57	SWS	EET SL

Laboratory References:

EET DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Accreditation/Certification Summary

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Laboratory: Eurofins Dallas

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704295	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
SM 4500 H+ B		Water	Temperature

Laboratory: Eurofins Houston

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

Laboratory: Eurofins St. Louis

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704193	07-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
901.1	Fill_Geo-21	Water	Combined Radium 226 + 228
901.1	Fill_Geo-21	Water	Radium-226
901.1	Fill_Geo-21	Water	Radium-228
903.0	PrecSep-21	Water	Radium-226
904.0	PrecSep_0	Water	Radium-228

Method Summary

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Method	Method Description	Protocol	Laboratory
9056A	Anions, Ion Chromatography	SW846	EET HOU
6010D	Metals (ICP)	SW846	EET HOU
6020B	Metals (ICP/MS)	SW846	EET HOU
7470A	Mercury (CVAA)	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET DAL
SM 4500 H+ B	pH	SM	EET DAL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	EET SL
903.0	Radium-226 (GFPC)	EPA	EET SL
904.0	Radium-228 (GFPC)	EPA	EET SL
3010A	Preparation, Total Metals	SW846	EET HOU
7470A	Preparation, Mercury	SW846	EET HOU
Fill_Geo-21	Fill Geometry, 21-Day In-Growth	None	EET SL
PrecSep_0	Preparation, Precipitate Separation	None	EET SL
PrecSep-21	Preparation, Precipitate Separation (21-Day In-Growth)	None	EET SL

Protocol References:

EPA = US Environmental Protection Agency

None = None

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 DAL = Eurofins Dallas, 9701 Harry Hines Blvd, Dallas, TX 75220, TEL (214)902-0300

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

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

Sample Summary

Client: HDR Inc
Job ID: 870-45500-1
Project/Site: Gibbons Creek Steam Electric Station

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
870-45500-1	AP MW-3D	Water	04/01/26 12:30	04/03/26 10:22	Texas
870-45500-2	SSP MW-2D	Water	04/01/26 16:20	04/03/26 10:22	Texas
870-45500-3	SSP MW-3D	Water	04/01/26 14:20	04/03/26 10:22	Texas
870-45500-4	SSP MW-6S	Water	04/01/26 15:55	04/03/26 10:22	Texas

urofins Dallas
701 Harry Hines Blvd
Dallas, TX 75220
Phone (214) 902-0300

Chain of Custody Record

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5/4/2026

Client Information	Sampler: WR Cullum	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s):	COC No: 870-16757-5707.1
Client Contact: Brad Woodard	Phone: 979 485 2879	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin:	Page: Page
Company: HDR Inc	PWSID:			Job #:
Address: 17111 Preston Road Suite 200	Due Date Requested:			
City: Dallas	TAT Requested (days):			
State, Zip: TX, 75248-1232	Compliance Project: Δ Yes Δ No			
Phone: 303-524-8345(Tel)	PO #: Purchase Order not required			
Email: brad.woodard@hdrinc.com	WO #:			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: GCSES	SSOW#:			

Analysis Requested

Preservation Codes:
D - HNO3
N - None
Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	903.0 - Standard Target List	904.0 - Standard Target List	901.1_Ra - (MOD) Radium-226/228	2320B - Alkalinity	9056A_ORGFM_28D - (MOD) Local Method	6010D, 6020B, 7470A	6010D, 7470A	SM4500_H+ - pH and Temperature	2540C_Calcd - TDS	Total Number of containers	Special Instructions/Note:
			Preservation Code:				D	D	N	N	N	D	D	N	N		
AP MW-3D	4/1/26	1230	G	Water	Y		X	X	X	X	X	X	X	X	X	7	
SSP MW-2D	4/1/26	1620	G	Water	Y		X	X	X	X	X	X	X	X	X	7	
SSP MW3D	4/1/26	1420	G	Water			X	X	X	X	X	X		X	X	6	
SSP MW-6S	4/1/26	1555	G	Water			X	X	X	X	X	X		X	X	6	
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													
				Water													

870-45500 Chain of Custody

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

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ 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: 8899 6740 0220, 0252

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
WR Cullum	4/2/26 1500		FedEx		
Relinquished by: FedEx	Date/Time: 4/2/26 10:22	Company	Received by:	Date/Time: 4/3/26 10:22	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: 1.0 1.2 THM043 CF +0.0

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

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Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10221.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: TestAmerica Laboratories, Inc.		Accreditations Required (See note): NELAP - Texas		Job #: 870-45500-1
Address: 13715 Rider Trail North, ,	Due Date Requested: 4/10/2026			Preservation Codes: -
City: Earth City	TAT Requested (days): N/A			
State, Zip: MO, 63045				
Phone: 314-298-8566(Tel) 314-298-8757(Fax)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			Other: N/A
Site: N/A	SSOW#: N/A			

Analysis Requested

Sample Identification - Client ID (Lab ID)	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)	903.0/PrecSep_21Standard Target List	904.0/PrecSep_0Standard Target List	901.1_Ra/Fill_Geo_21(MOD) Radium-226/228	Total Number of containers	Special Instructions/Note:
			Preservation Code:								
AP MW-3D (870-45500-1)	4/1/26	12:30 Central	G	Water			X	X	X	2	
SSP MW-2D (870-45500-2)	4/1/26	16:20 Central	G	Water			X	X	X	2	
SSP MW-3D (870-45500-3)	4/1/26	14:20 Central	G	Water			X	X	X	2	
SSP MW-6S (870-45500-4)	4/1/26	15:55 Central	G	Water			X	X	X	2	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time: 04/06/26-1700	Company	Received by: APR 06 2026	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 0850 APR 07 2026	Company
Relinquished by:	Date/Time:	Company	Received by: Cheyenne Forrest	Date/Time:	Company

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

5/4/2026

Eurofins Dallas
9701 Harry Hines Blvd
Dallas, TX 75220
Phone: 214-902-0300

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Whitlock, Kaitlyn N	Carrier Tracking No(s): N/A	COC No: 870-10222.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Kaitlyn.Whitlock@et.eurofinsus.com	State of Origin: Texas	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP Texas		Job #: 870-45500-1
Address: 4145 Greenbriar Dr	Due Date Requested: 4/9/2026			
City: Stafford	TAT Requested (days): N/A			
State, Zip: TX, 77477				
Phone: 281-240-4200(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Gibbons Creek Steam Electric Station	Project #: 87002063			
Site: N/A	SSOW#: N/A			

Analysis Requested

Preservation Codes:

Other: N/A

Sample Identification Client ID (Lab ID)	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)	6020B/3010A(MOD) CCR Appendix III/IV	7470A/7470A_PrepMercury	9056A_ORGFM_28D(MOD) Local Method	6010D/3010A(MOD) Li + Minerals	2320B	6010D/FIELD_FLTRDDissolved Metals	7470A/FIELD_FLTRDDissolved Mercury	Total Number of containers	Special Instructions/Note
			Preservation Code:												
AP MW-3D (870-45500-1)	4/1/26	12:30 Central	G	Water			X	X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg
SSP MW-2D (870-45500-2)	4/1/26	16:20 Central	G	Water			X	X	X	X	X	X	X	4	Field filtered dissolved metals, Field Filtered Dissolved Hg
SSP MW-3D (870-45500-3)	4/1/26	14:20 Central	G	Water			X	X	X	X	X			3	
SSP MW-6S (870-45500-4)	4/1/26	15:55 Central	G	Water			X	X	X	X	X			3	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing South Central, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing South Central, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing South Central, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I II III, IV Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

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

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	04/06/26 1700		FEDEX		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			APR 06 2026		
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 4/7/26 8:00	Company
			FC		

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: Hou-368 2.2

Ver: 10/10/2024

5/4/2026

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45500-1

Login Number: 45500

List Source: Eurofins Dallas

List Number: 1

Creator: Virani, Tycho L

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45500-1

Login Number: 45500
List Number: 2
Creator: Carreon, Fernando

List Source: Eurofins Houston
List Creation: 04/07/26 07:26 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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").	True	

Login Sample Receipt Checklist

Client: HDR Inc

Job Number: 870-45500-1

Login Number: 45500
List Number: 3
Creator: Forrest, Cheyenne L

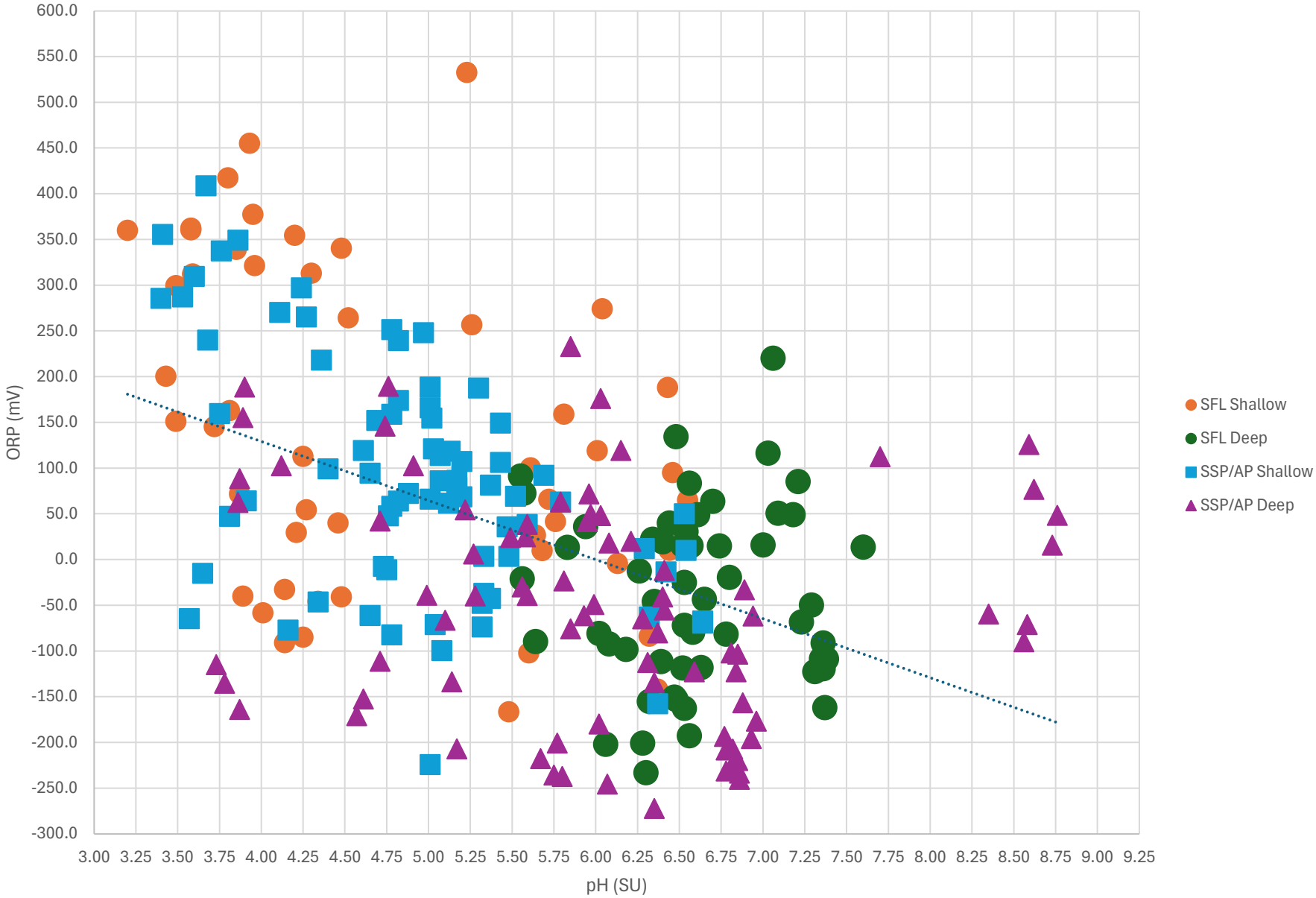
List Source: Eurofins St. Louis
List Creation: 04/07/26 01:06 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
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?	N/A	
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	

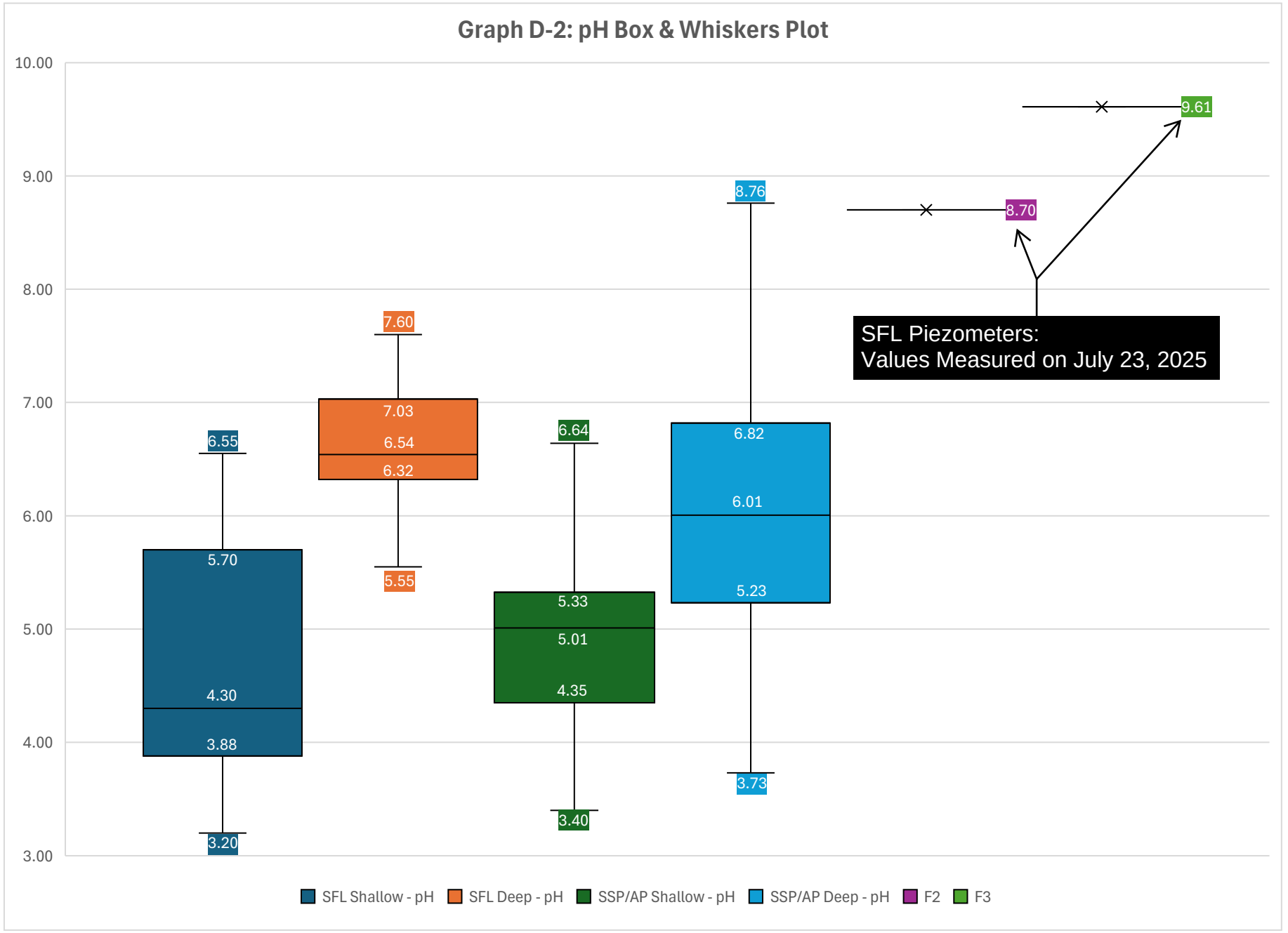
Appendix D

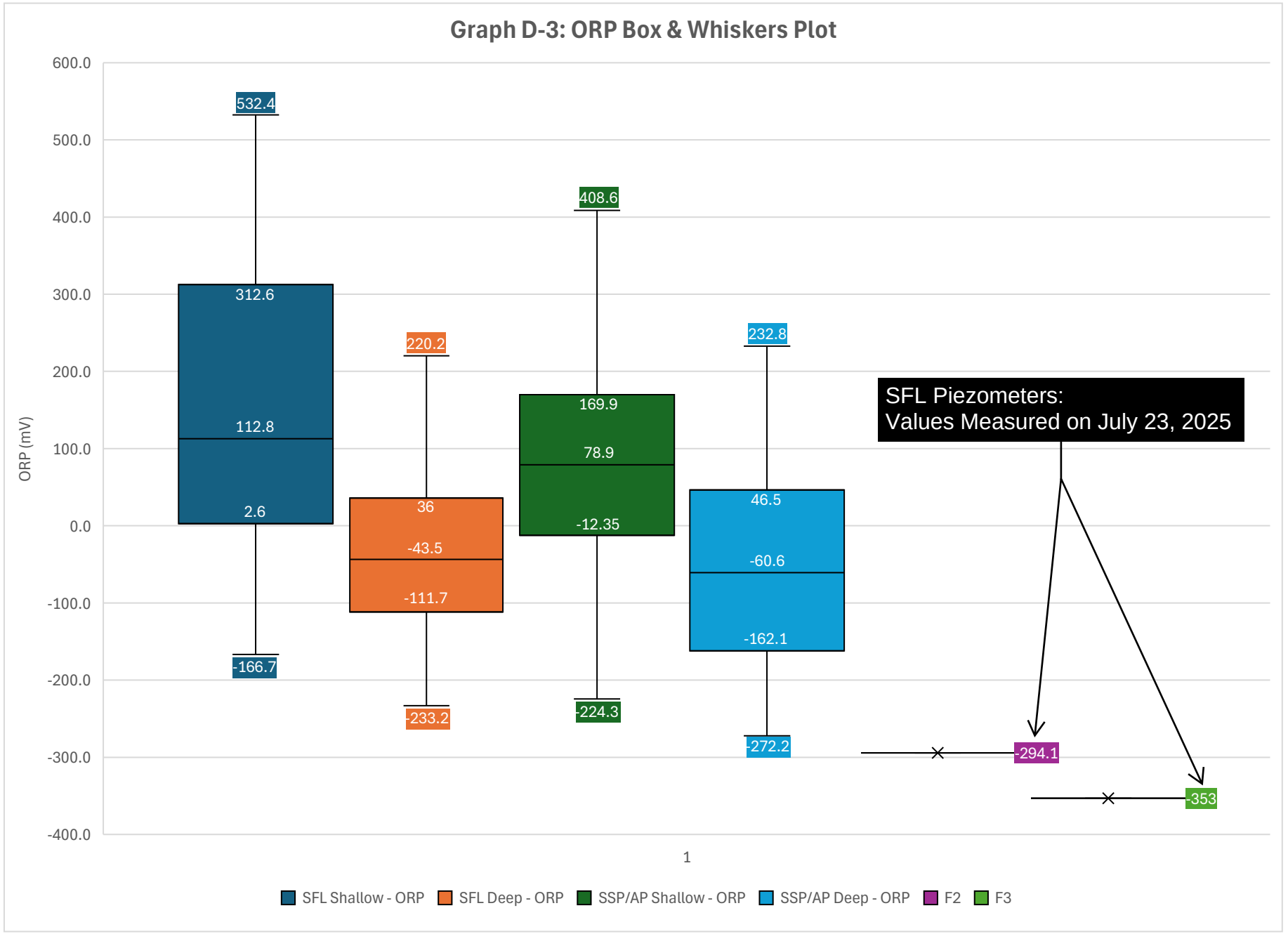
Analytical Data Graphs

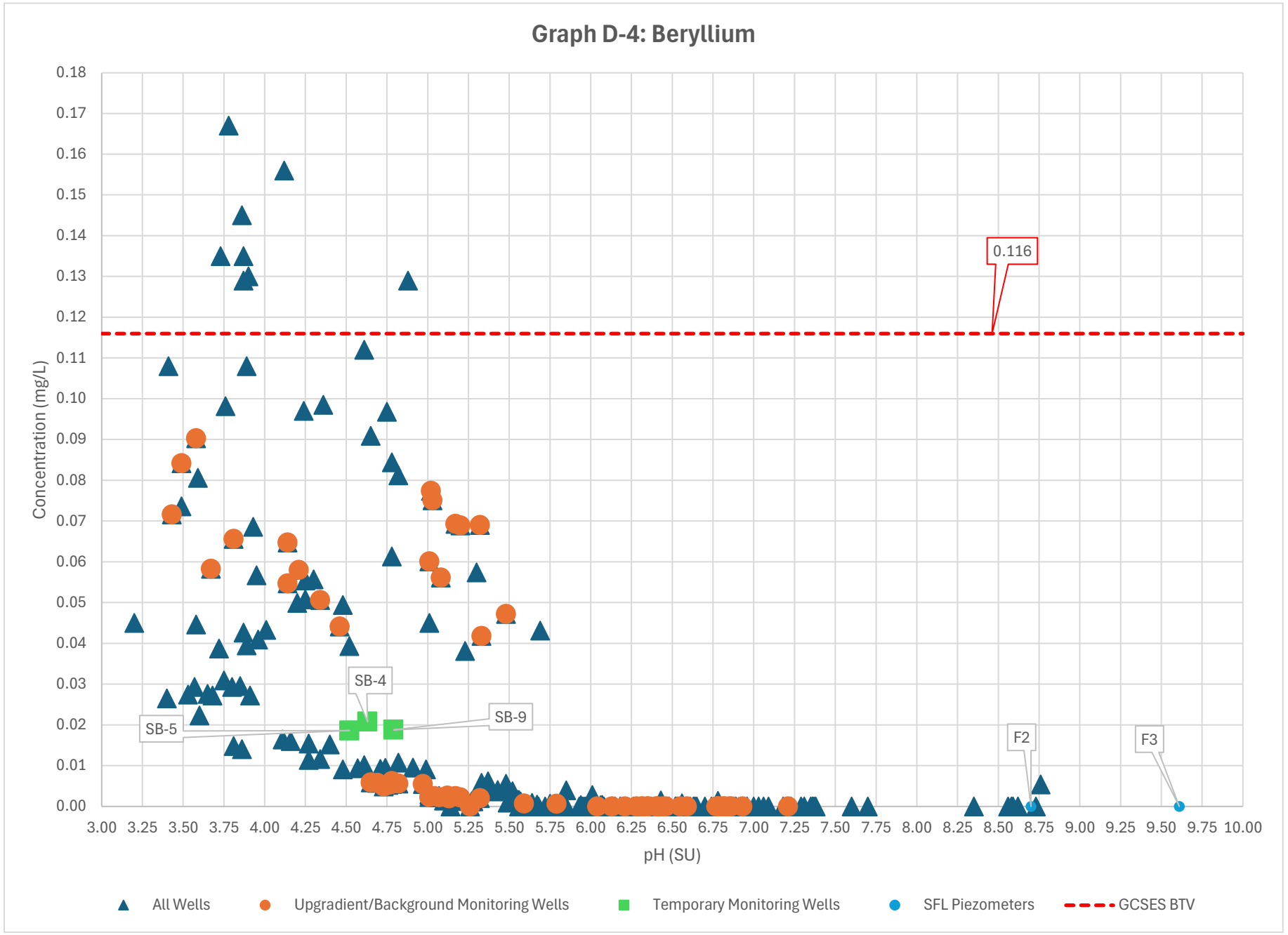
Graph D-1: Groundwater Sample pH vs. ORP

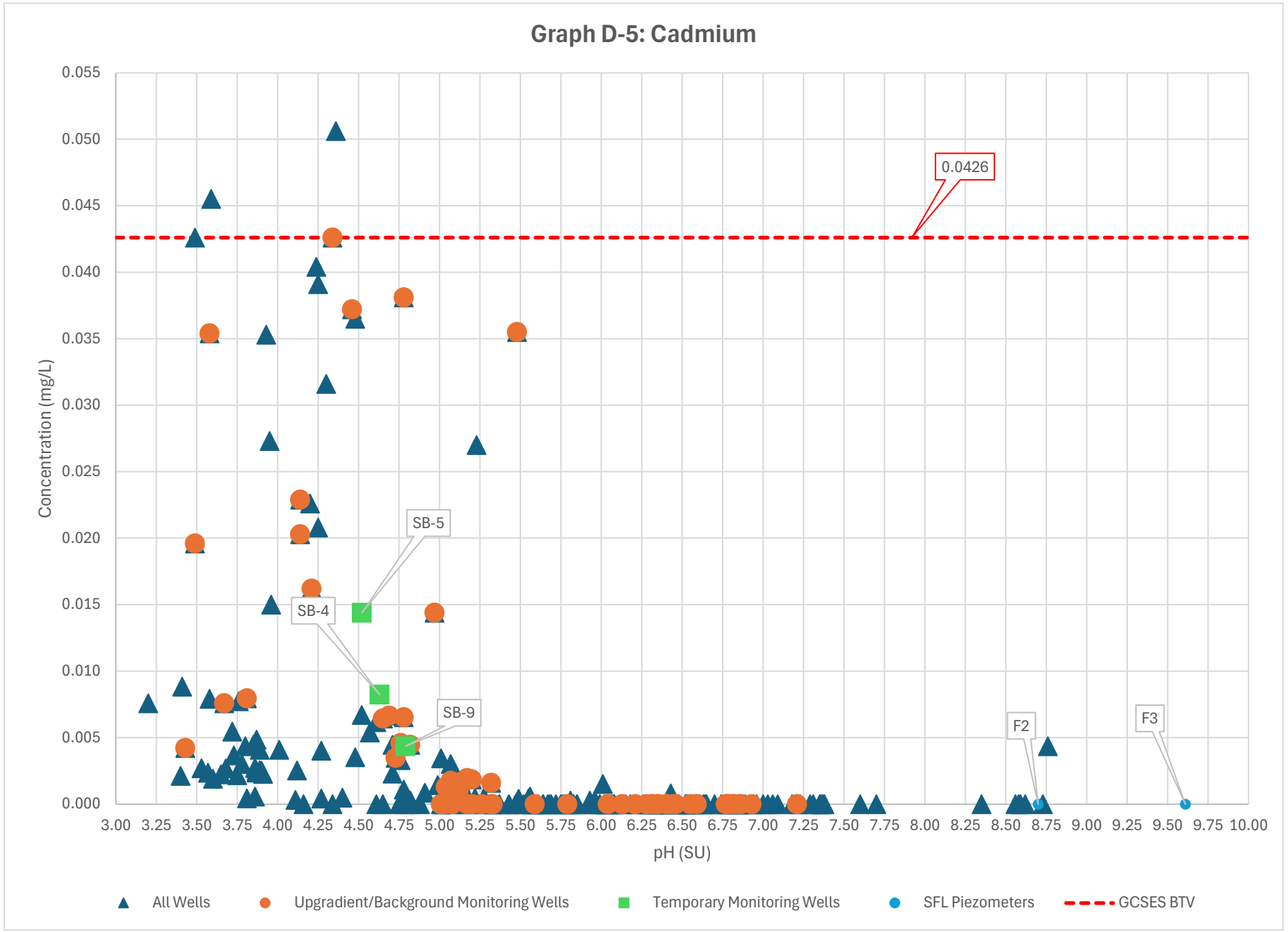


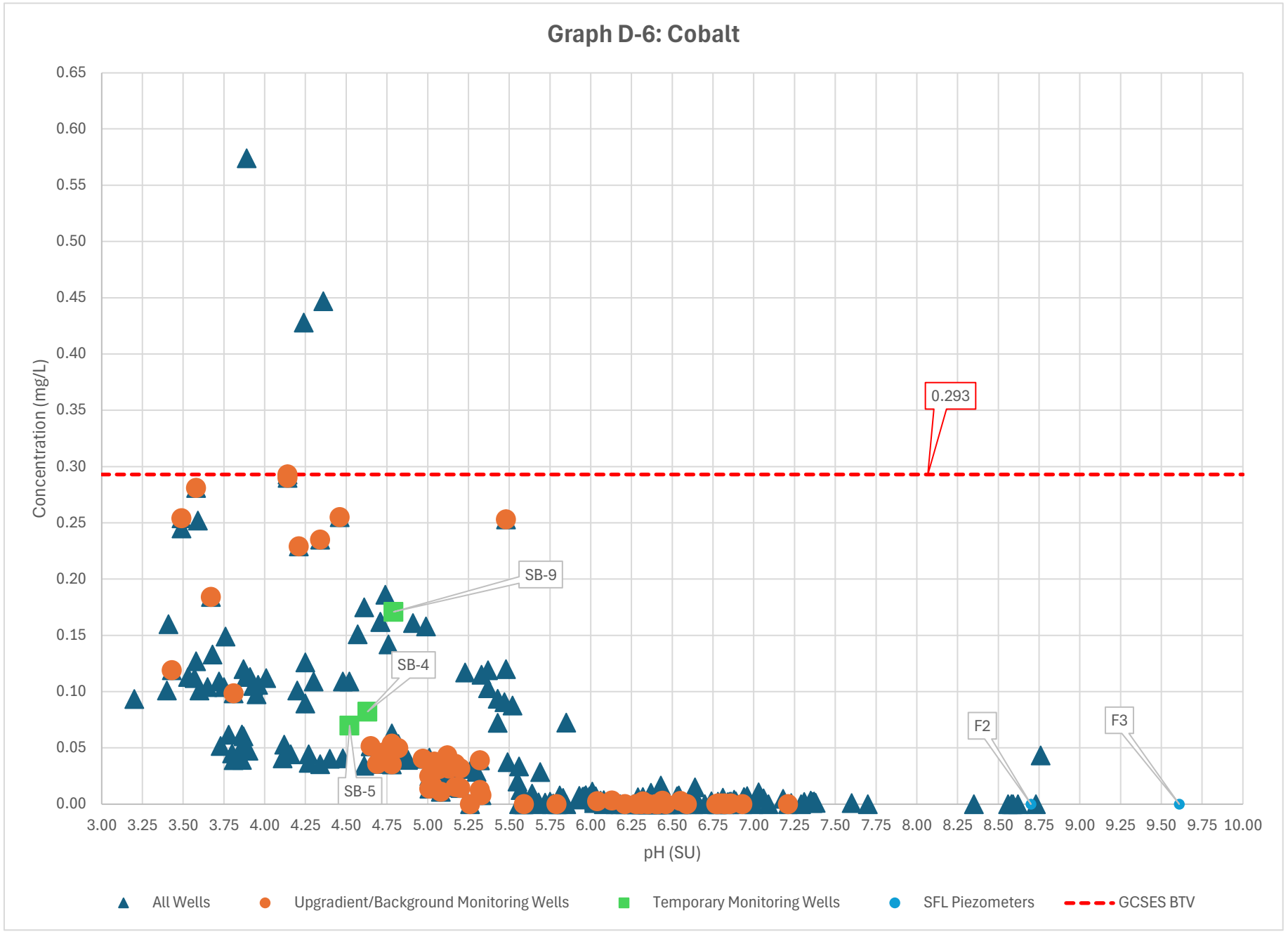
Graph D-2: pH Box & Whiskers Plot

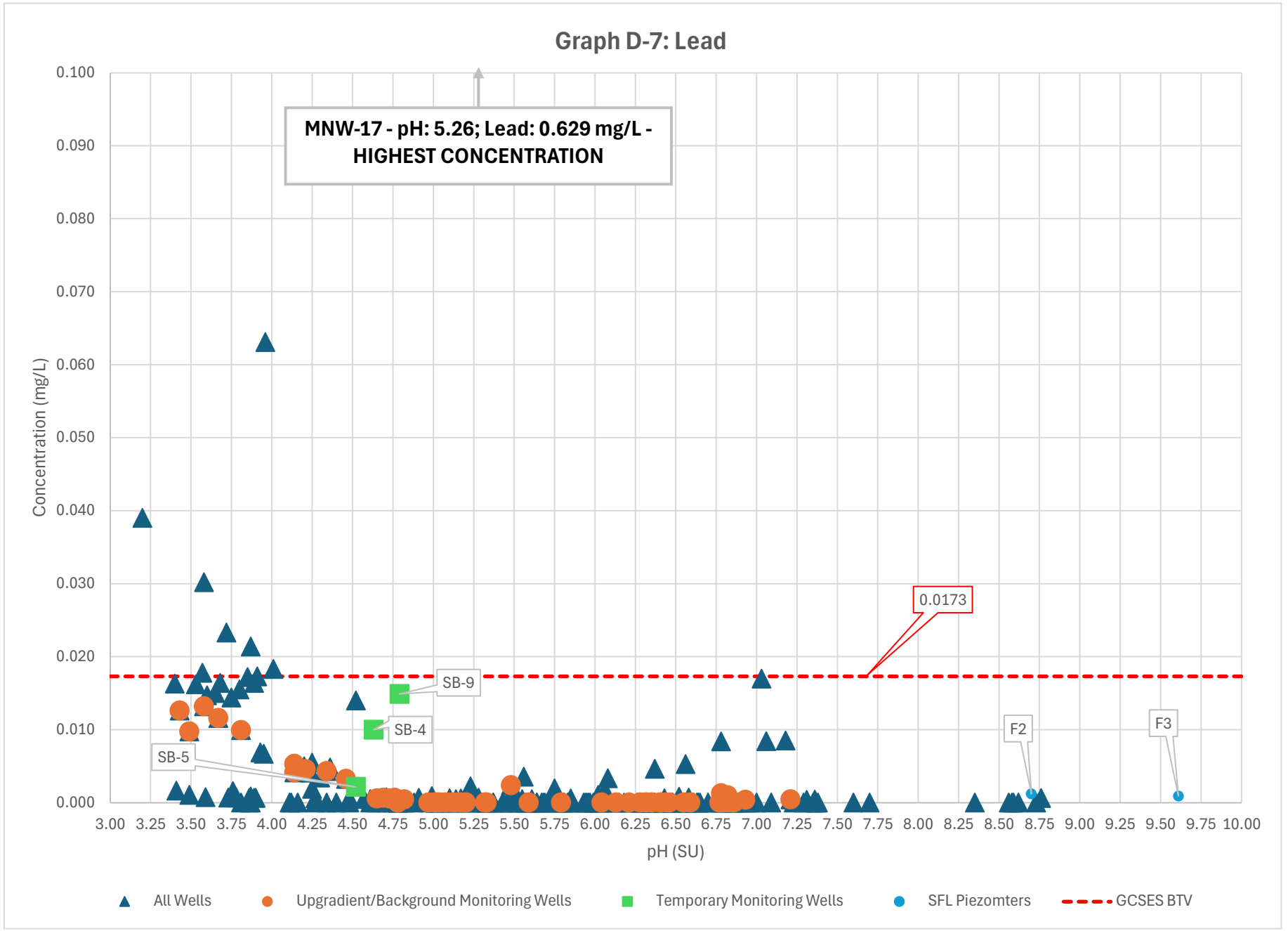



Graph D-3: ORP Box & Whiskers Plot
600.0
500.0
400.0
300.0
200.0
100.0
0.0
-100.0
-200.0
-300.0
-400.0
ORP (mV)
532.4
312.6
112.8
2.6
-166.7
220.2
36
-43.5
-111.7
-233.2
408.6
169.9
78.9
-12.35
-224.3
232.8
46.5
-60.6
-162.1
-272.2
SFL Piezometers:
Values Measured on July 23, 2025
-294.1
-353
1
SFL Shallow - ORP
SFL Deep - ORP
SSP/AP Shallow - ORP
SSP/AP Deep - ORP
F2
F3

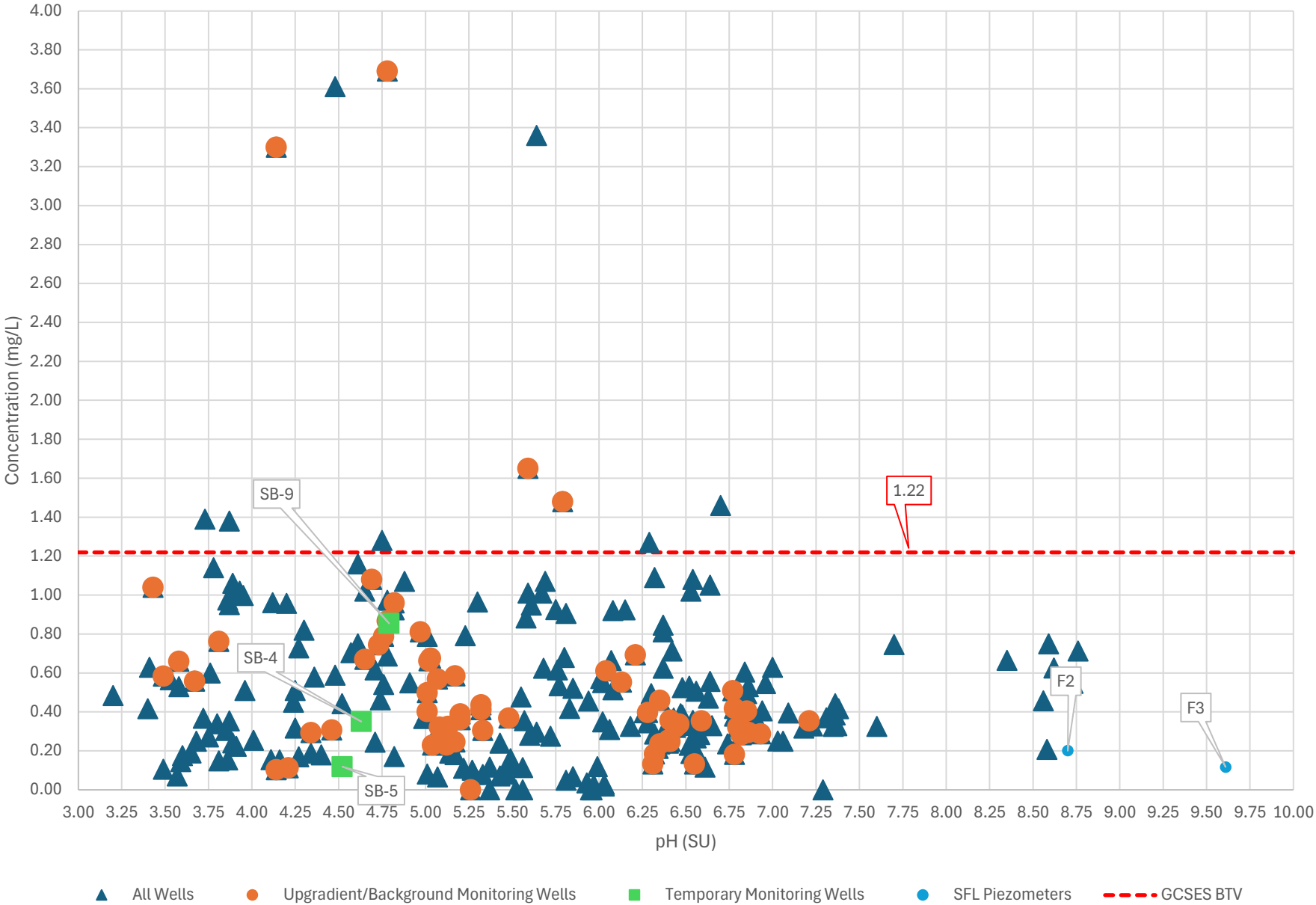

Graph D-4: Beryllium
Concentration (mg/L)
0.18
0.17
0.16
0.15
0.14
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.116
SB-4
SB-5
SB-9
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Monitoring Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV


Graph D-5: Cadmium
Concentration (mg/L)
0.055
0.050
0.045
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
0.0426
SB-5
SB-4
SB-9
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Monitoring Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

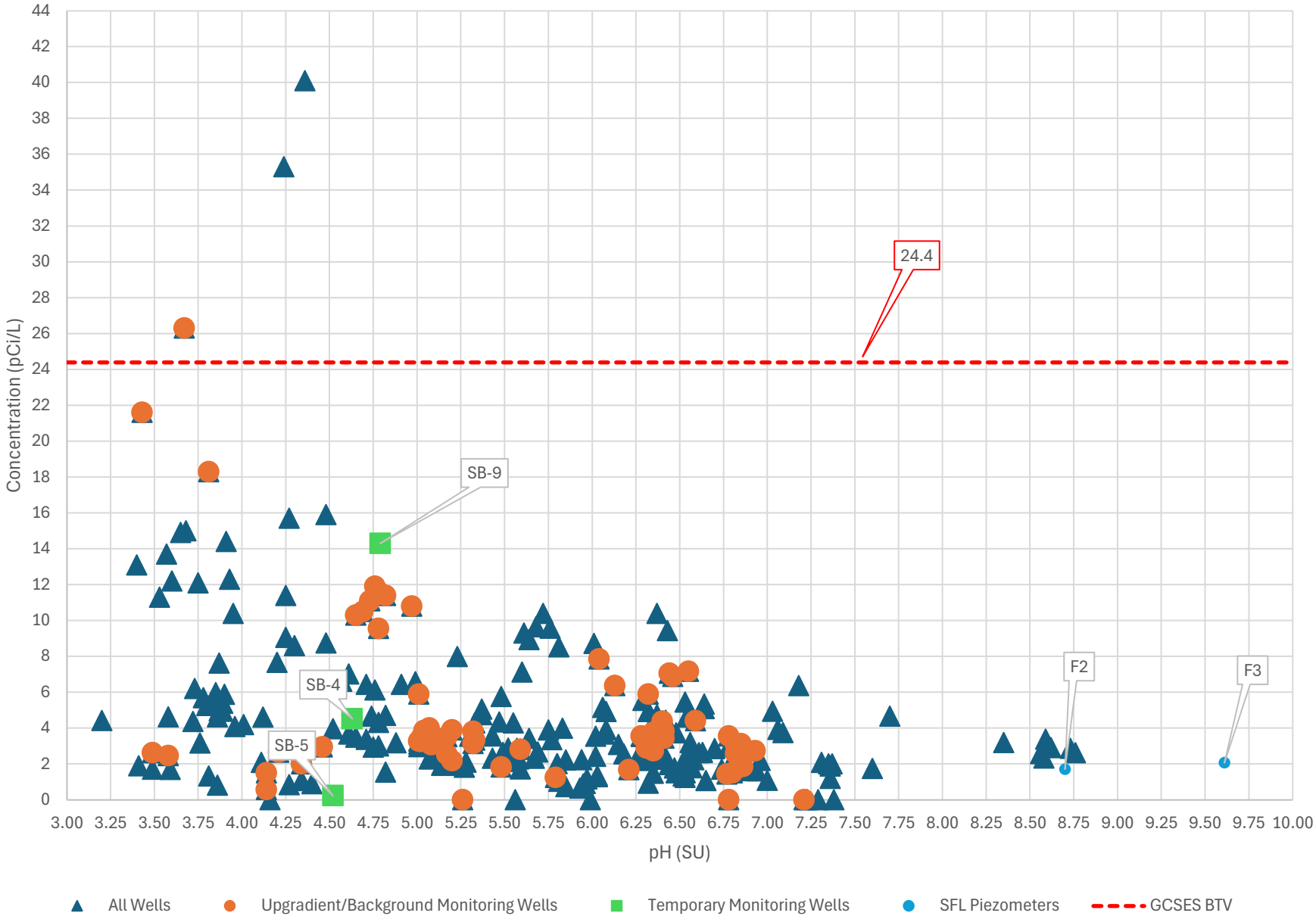

Graph D-6: Cobalt
Concentration (mg/L)
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.293
SB-9
SB-4
SB-5
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Monitoring Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

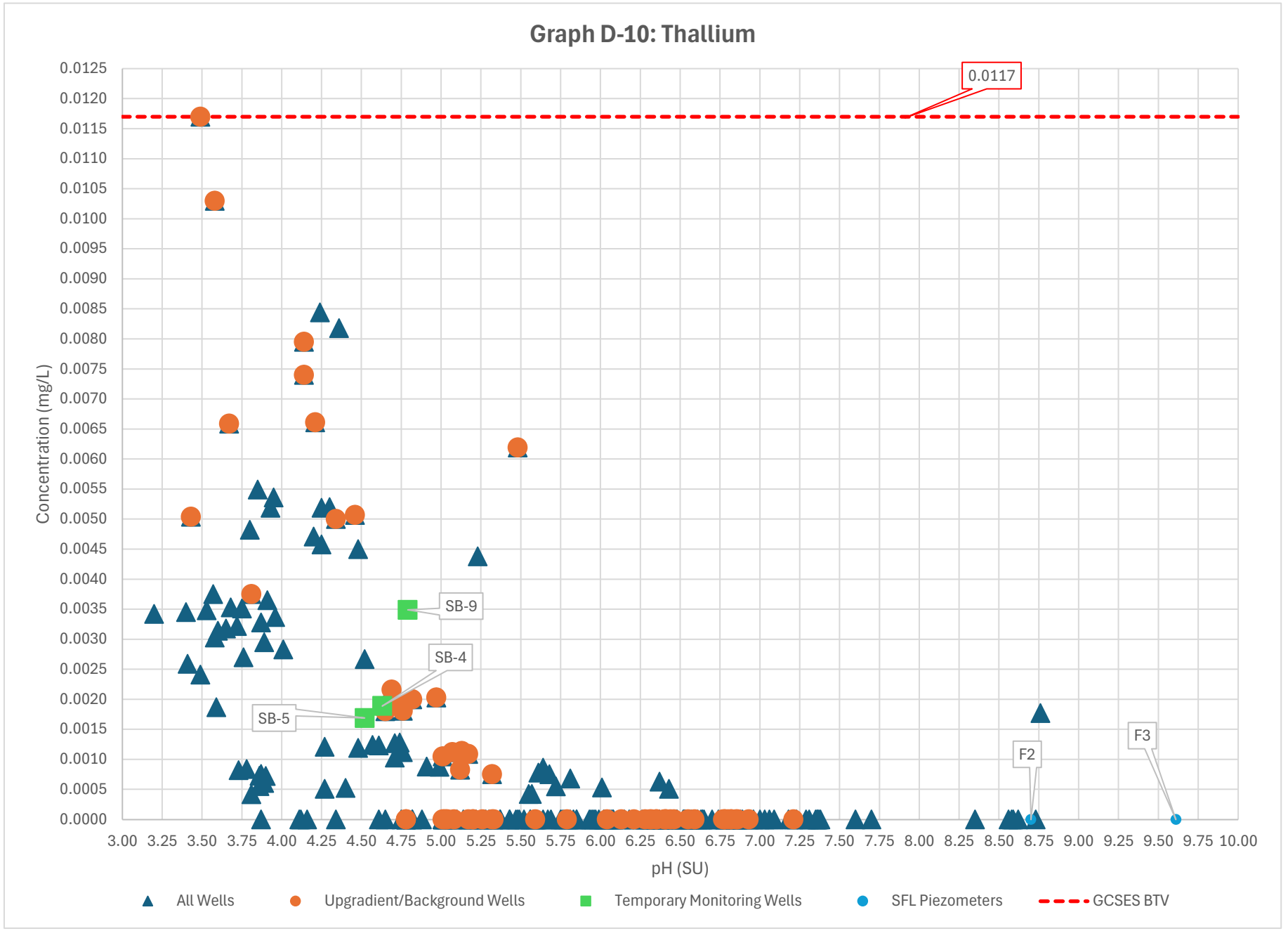

Graph D-7: Lead
MNW-17 - pH: 5.26; Lead: 0.629 mg/L - HIGHEST CONCENTRATION
Concentration (mg/L)
0.100
0.090
0.080
0.070
0.060
0.050
0.040
0.030
0.020
0.010
0.000
0.0173
SB-9
SB-4
SB-5
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Monitoring Wells
Temporary Monitoring Wells
SFL Piezomters
GCSES BTV

Graph D-8: Lithium

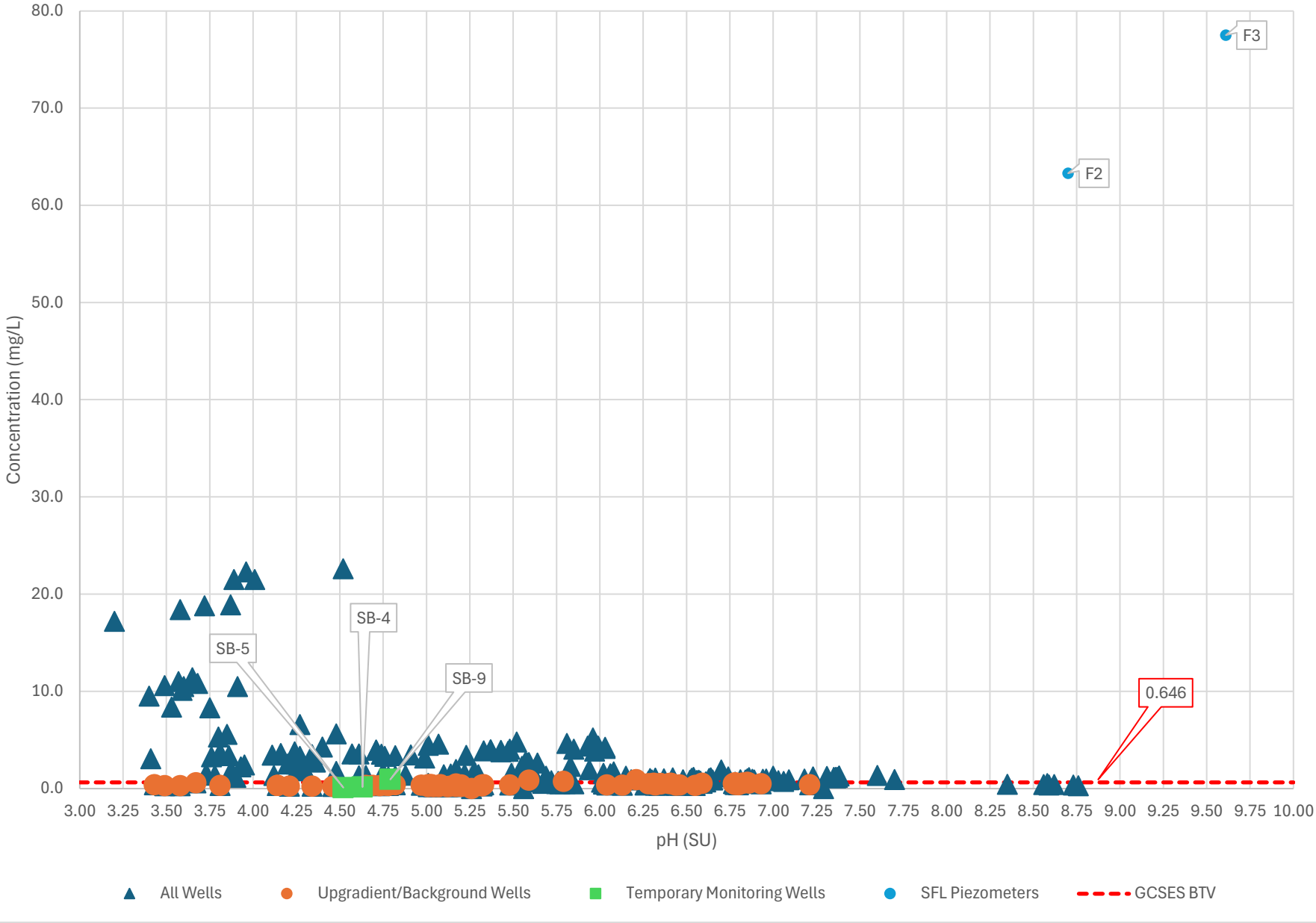


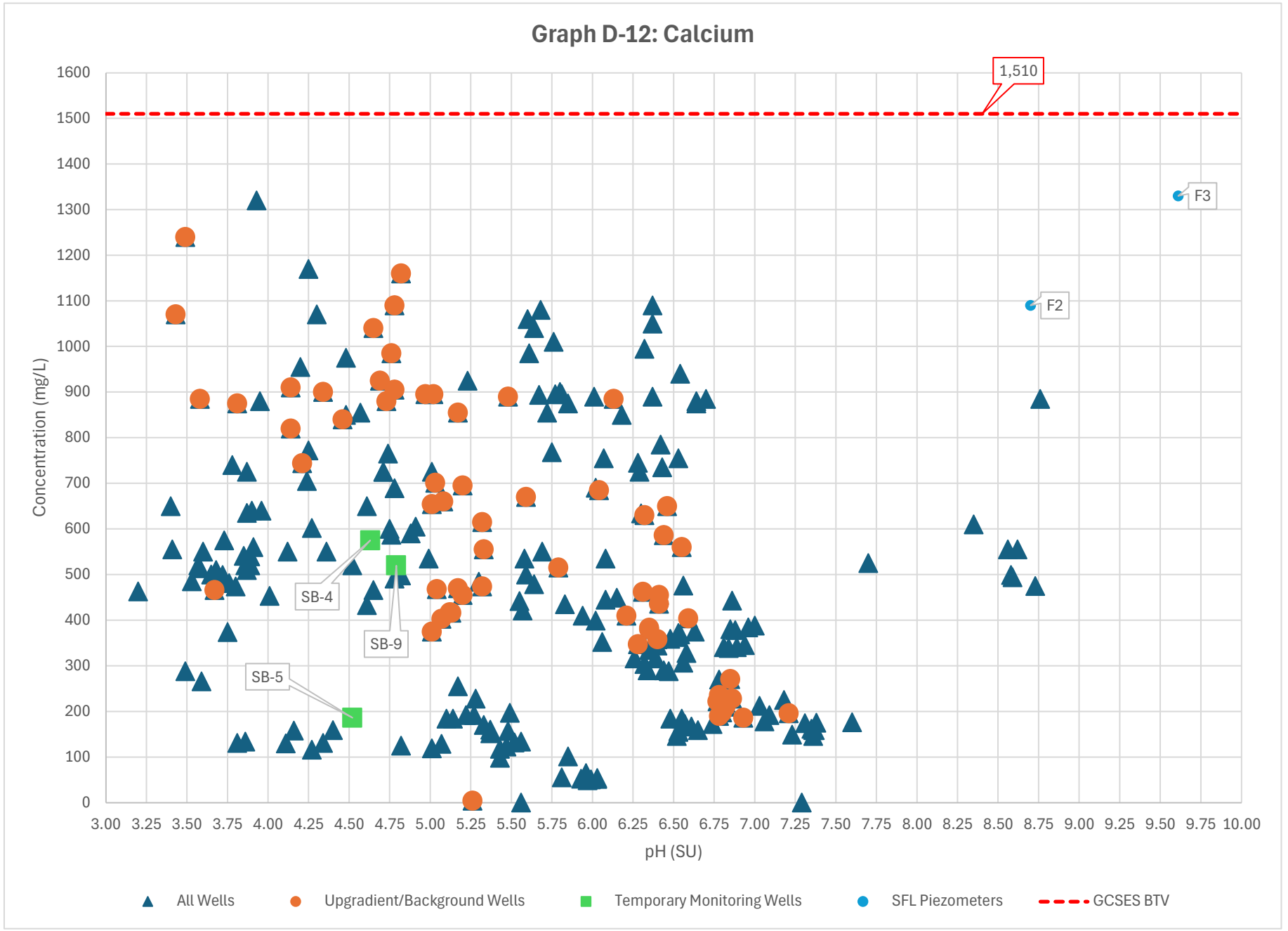
Graph D-9: Radium 226 + 228

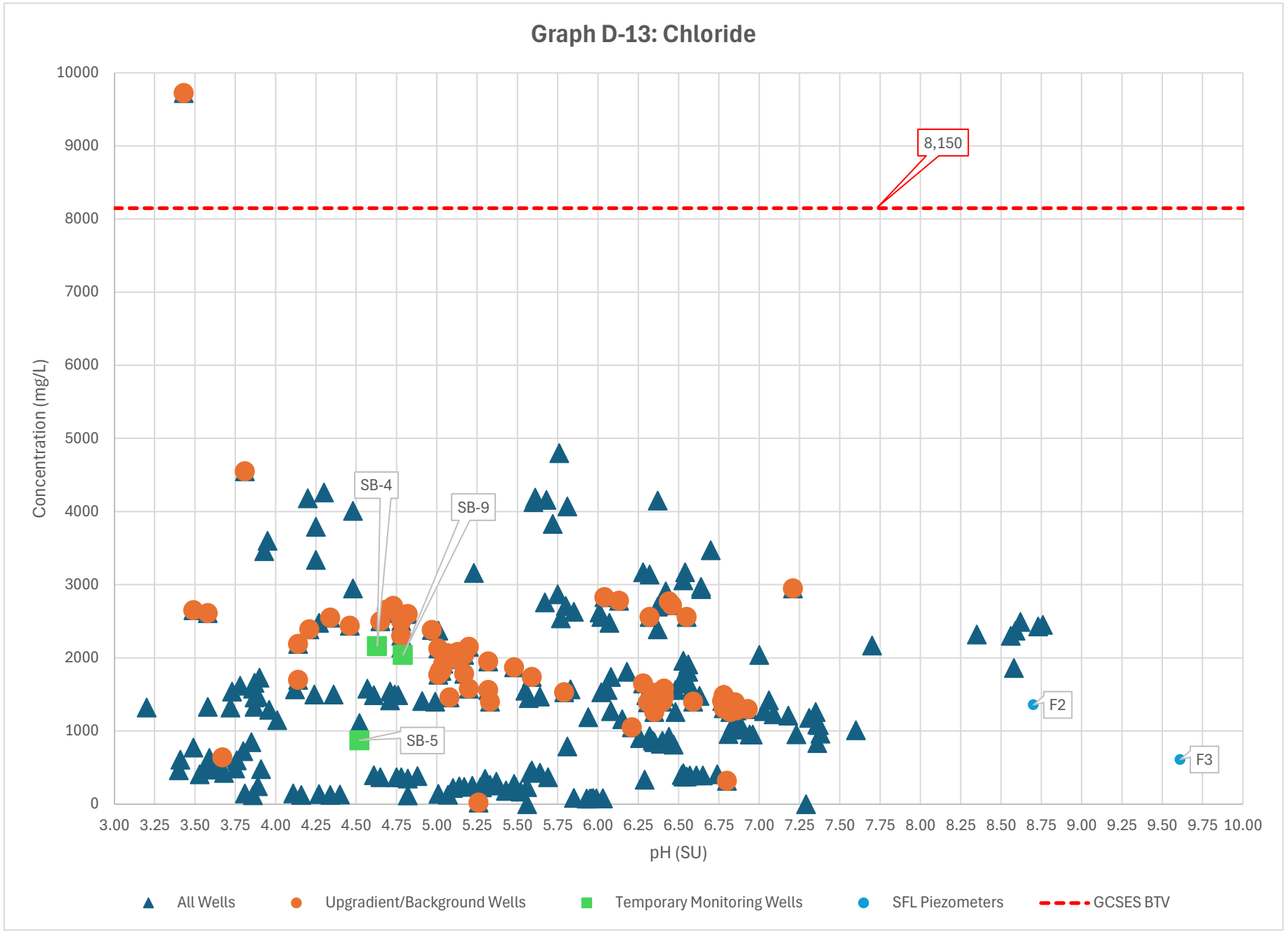


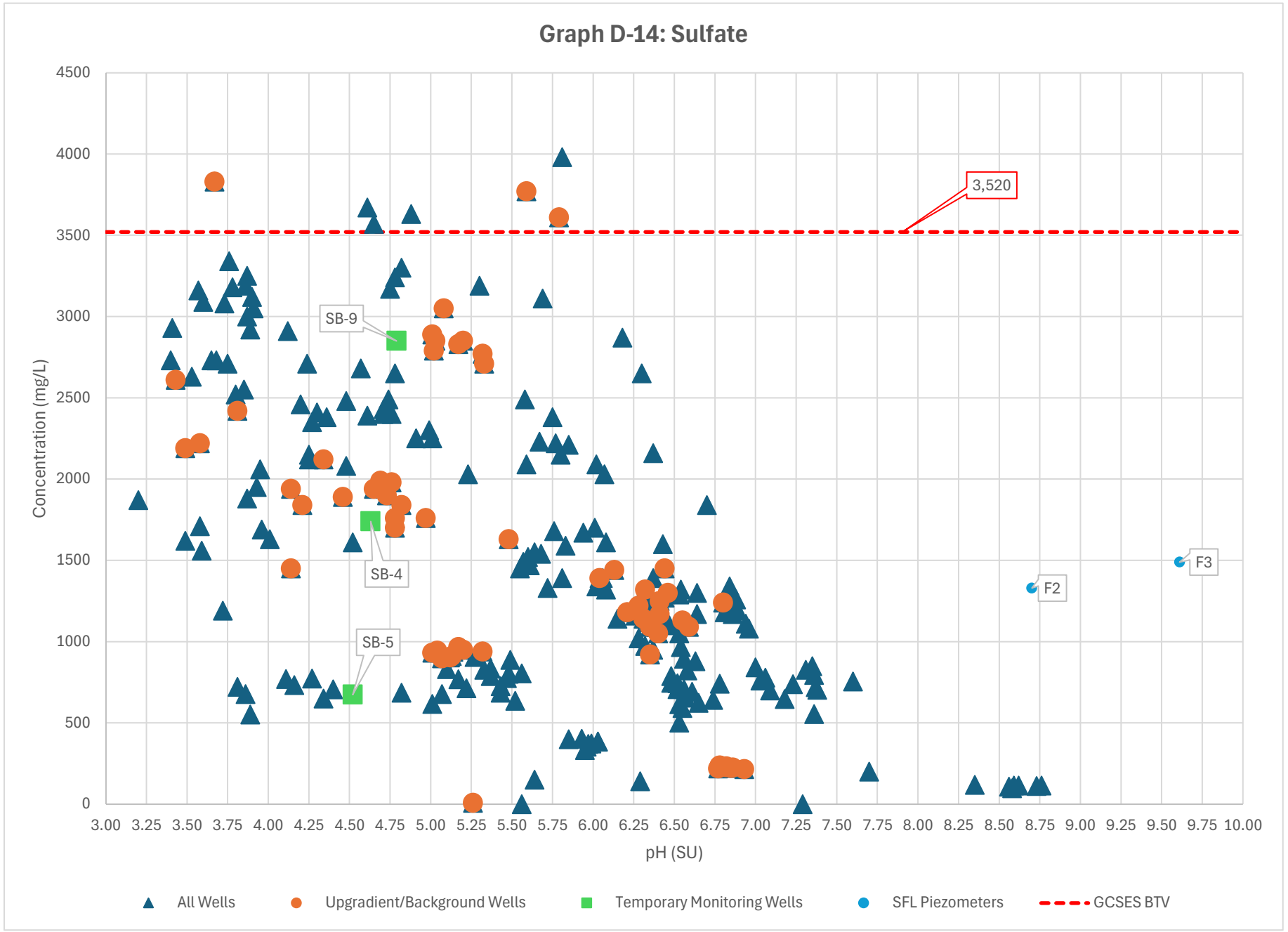

Graph D-10: Thallium
0.0125
0.0120
0.0115
0.0110
0.0105
0.0100
0.0095
0.0090
0.0085
0.0080
0.0075
0.0070
0.0065
0.0060
0.0055
0.0050
0.0045
0.0040
0.0035
0.0030
0.0025
0.0020
0.0015
0.0010
0.0005
0.0000
Concentration (mg/L)
0.0117
SB-9
SB-4
SB-5
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

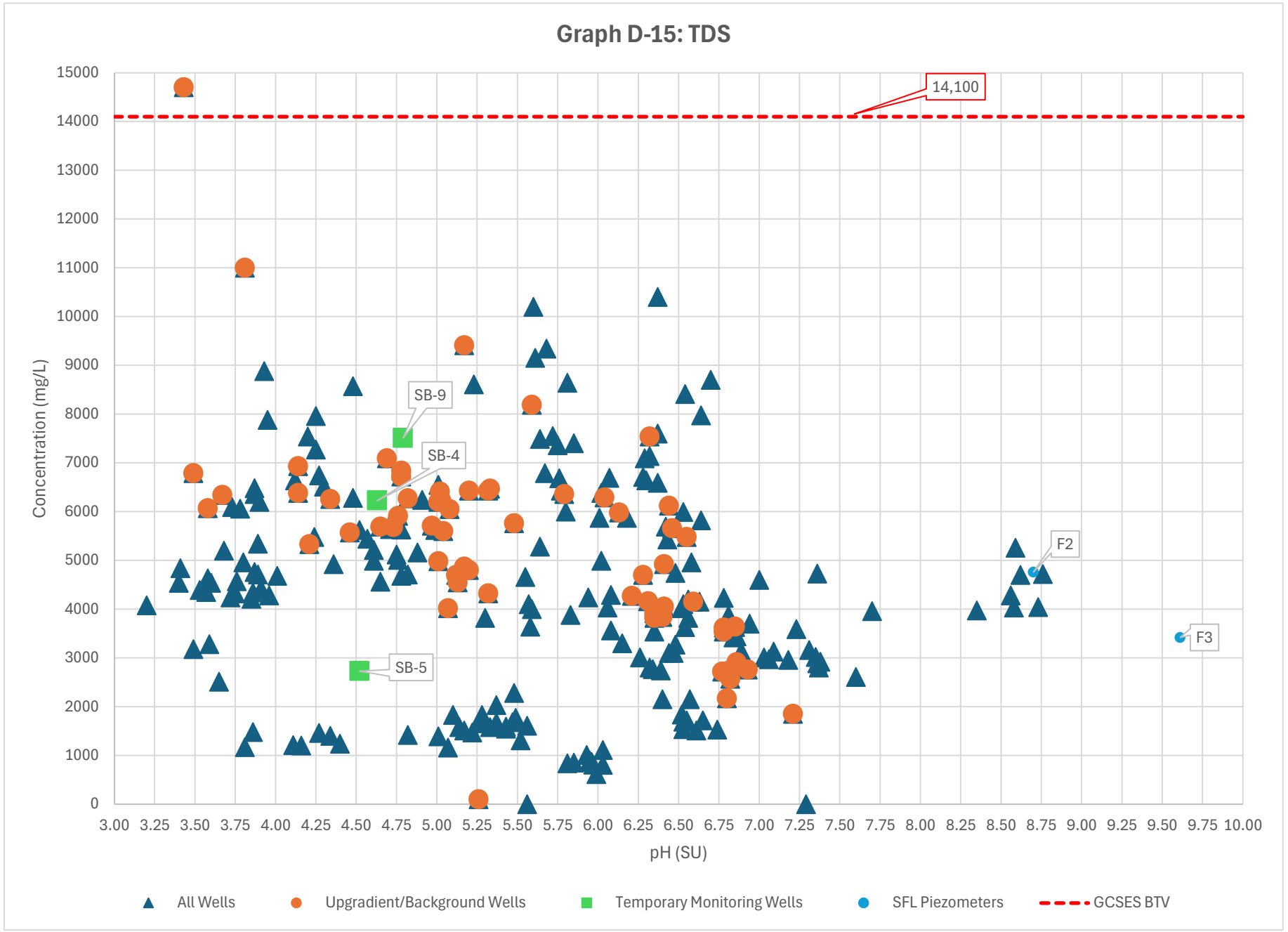
Graph D-11: Boron



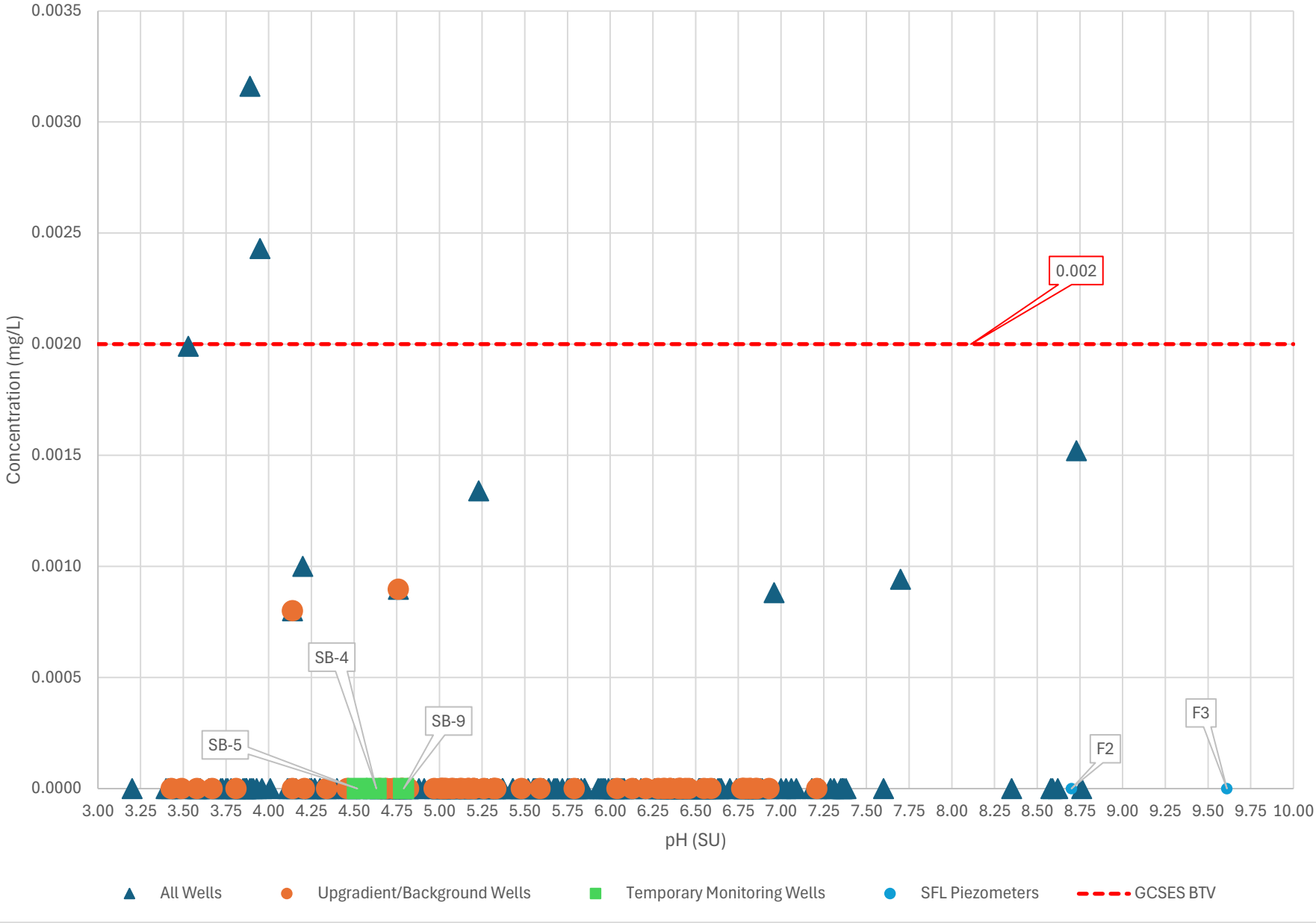

Graph D-12: Calcium
1,510
F3
F2
SB-4
SB-9
SB-5
Concentration (mg/L)
pH (SU)
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV


Graph D-13: Chloride
Concentration (mg/L)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
8,150
SB-4
SB-9
SB-5
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

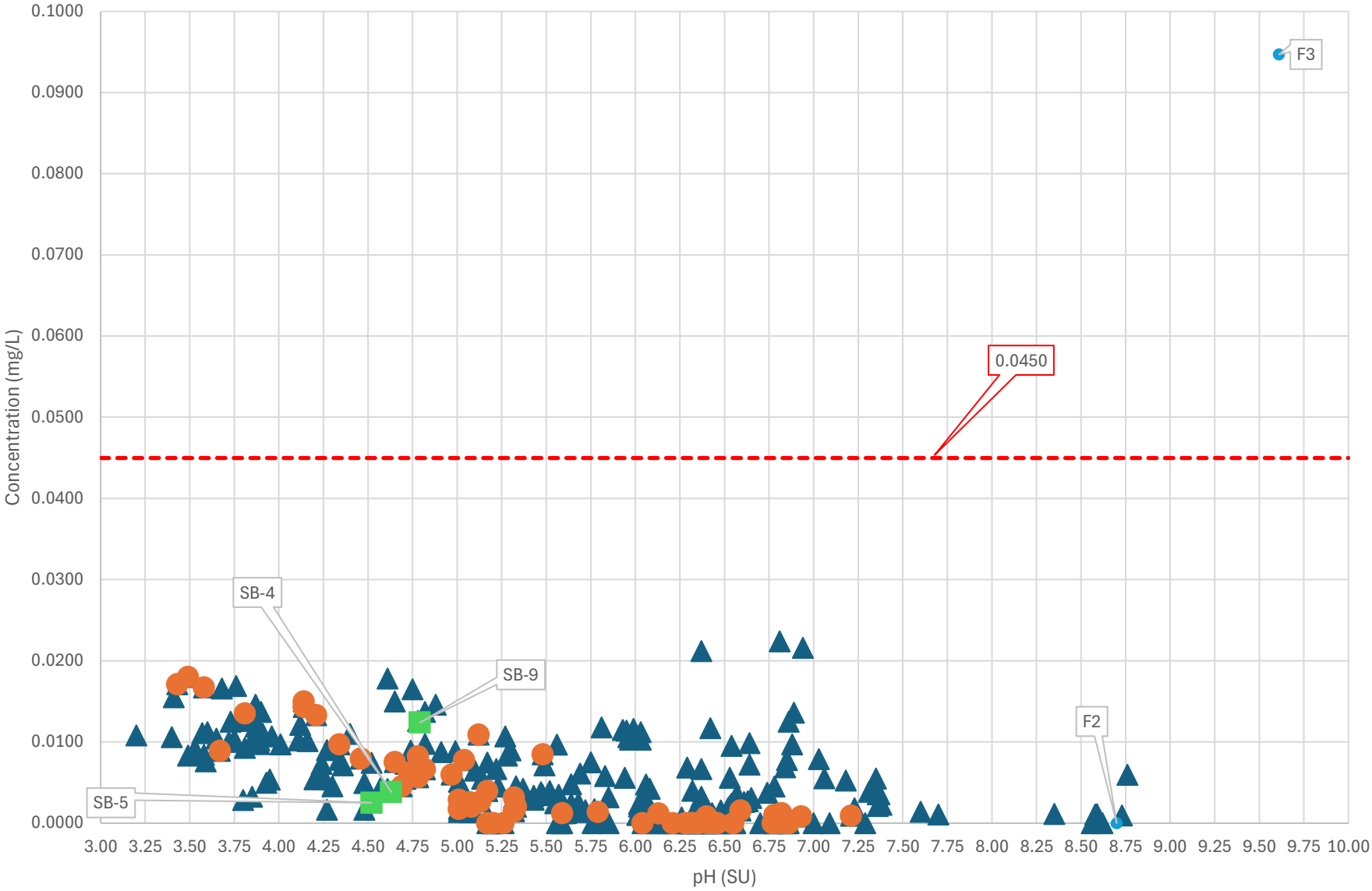

Graph D-14: Sulfate
Concentration (mg/L)
4500
4000
3500
3000
2500
2000
1500
1000
500
0
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
3,520
SB-9
SB-4
SB-5
F2
F3
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

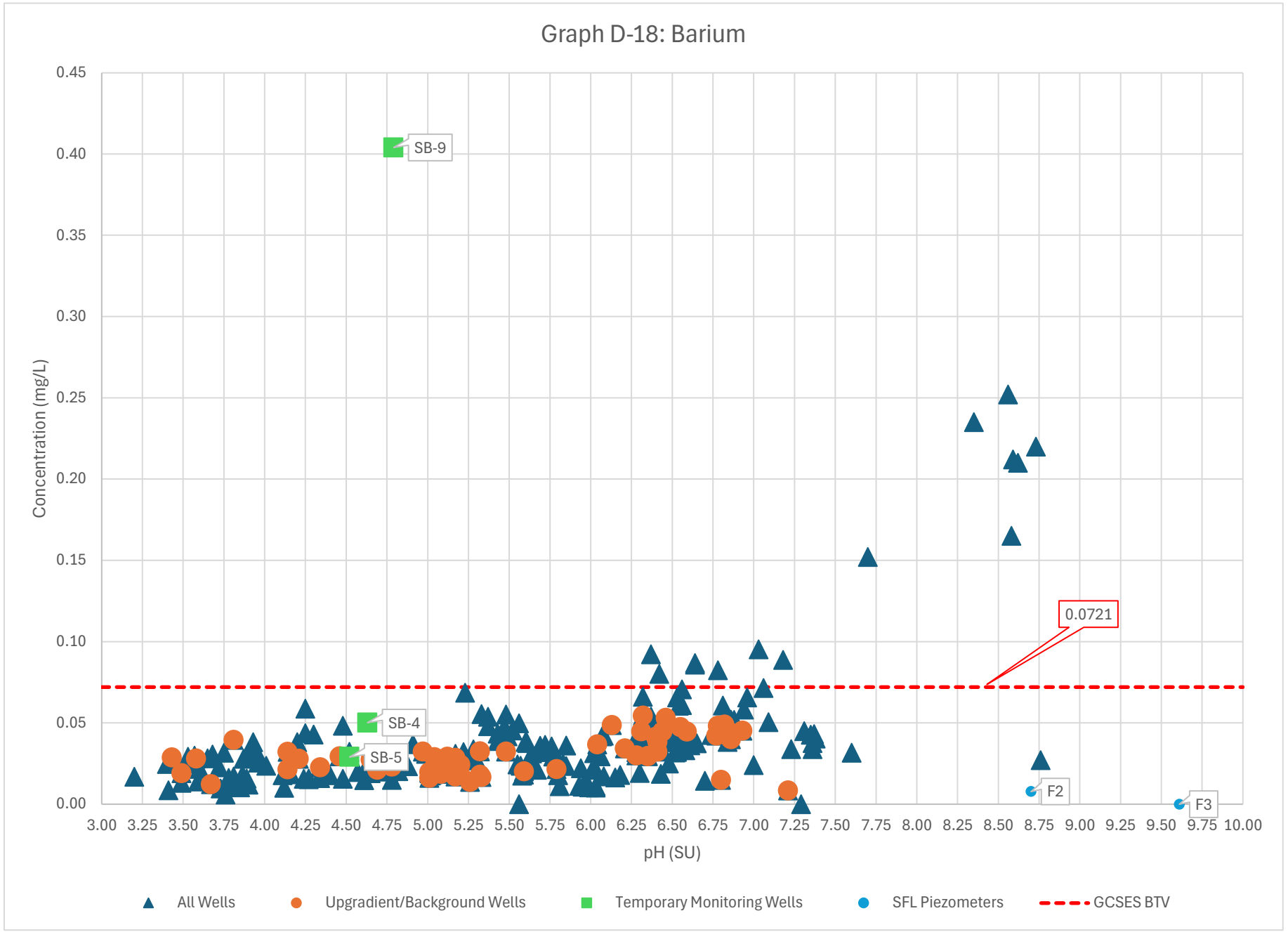

Graph D-15: TDS
Concentration (mg/L)
15000
14000
13000
12000
11000
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
14,100
SB-9
SB-4
SB-5
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

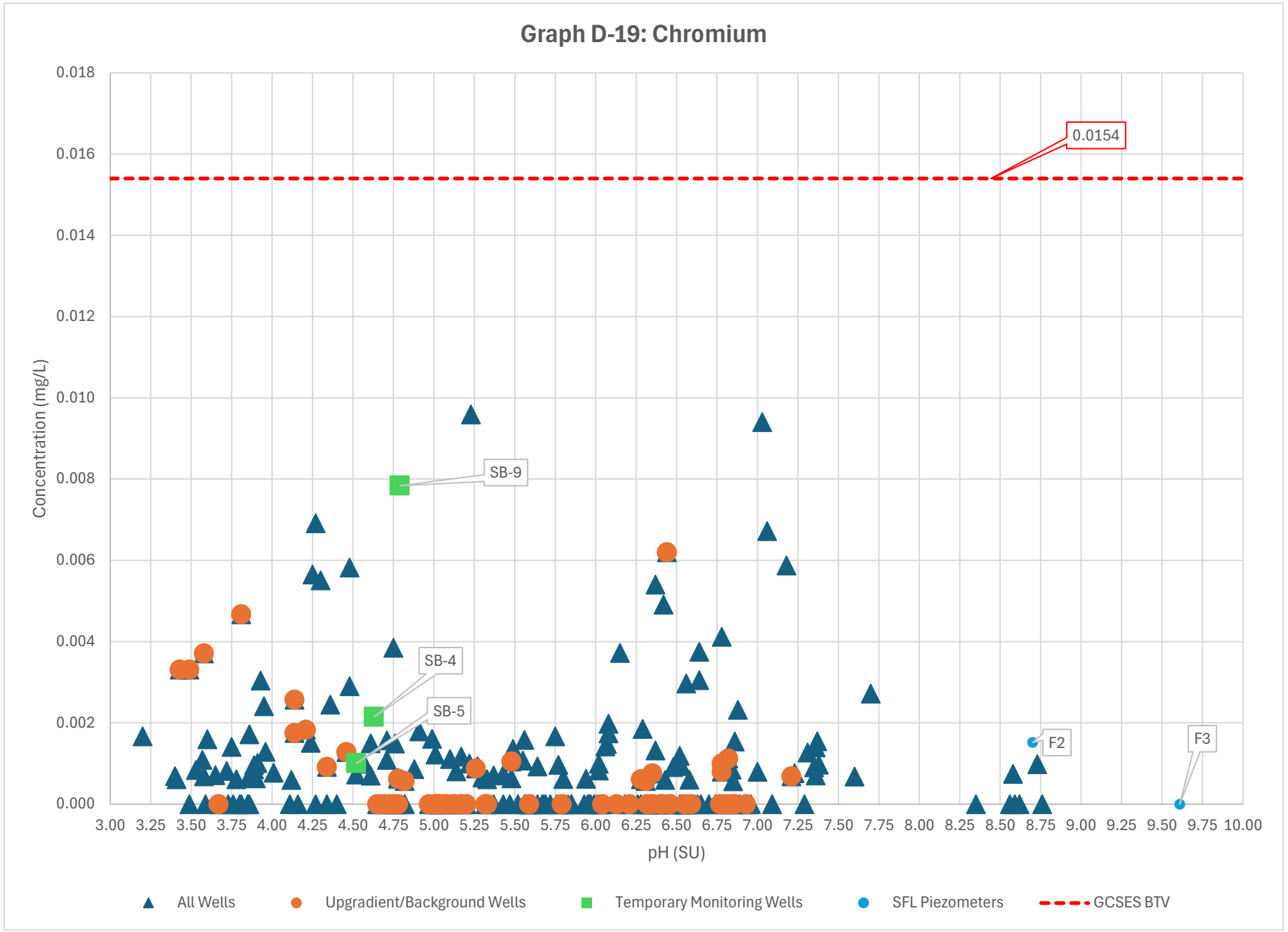
Graph D-16: Antimony



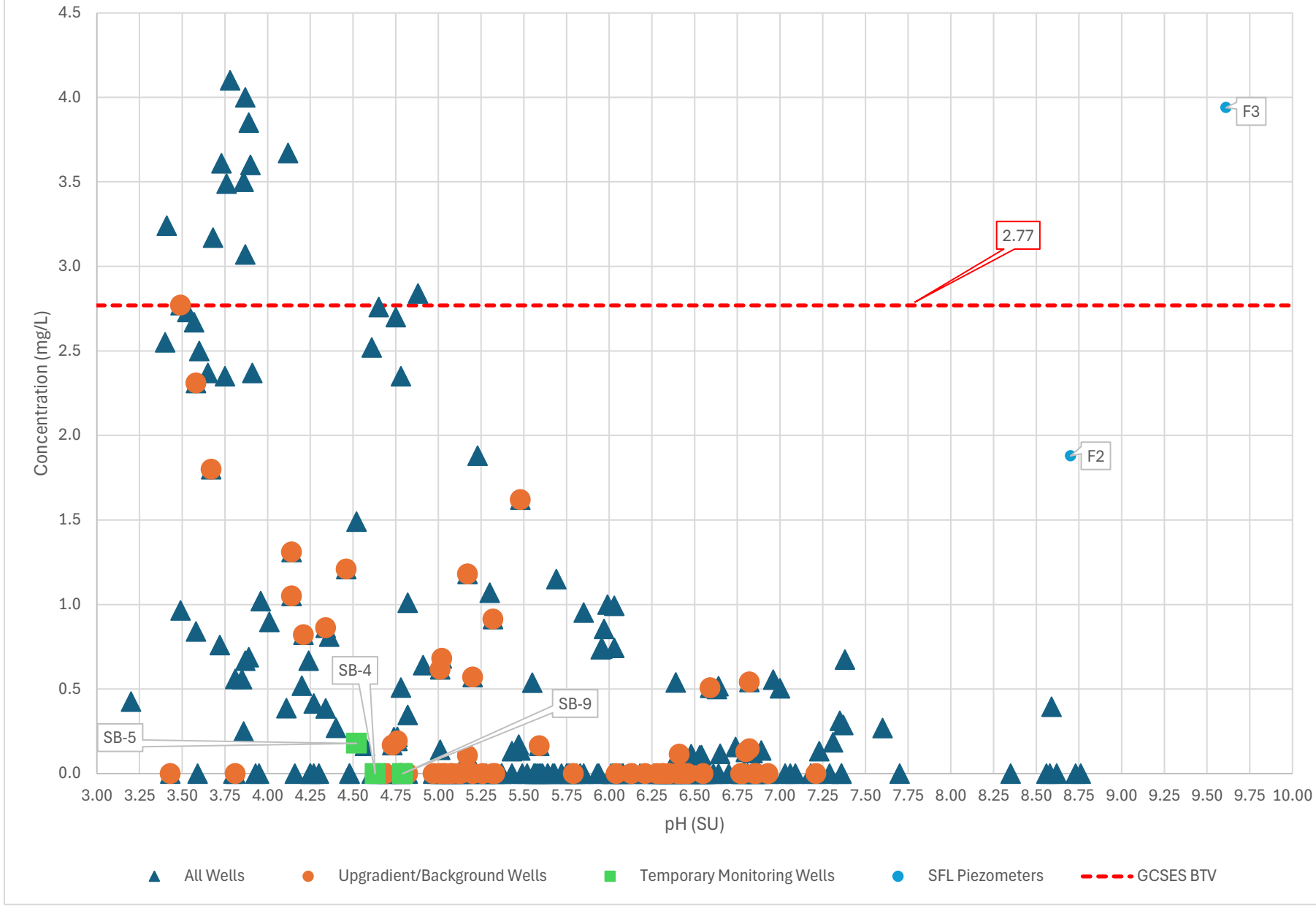
Graph D-17: Arsenic



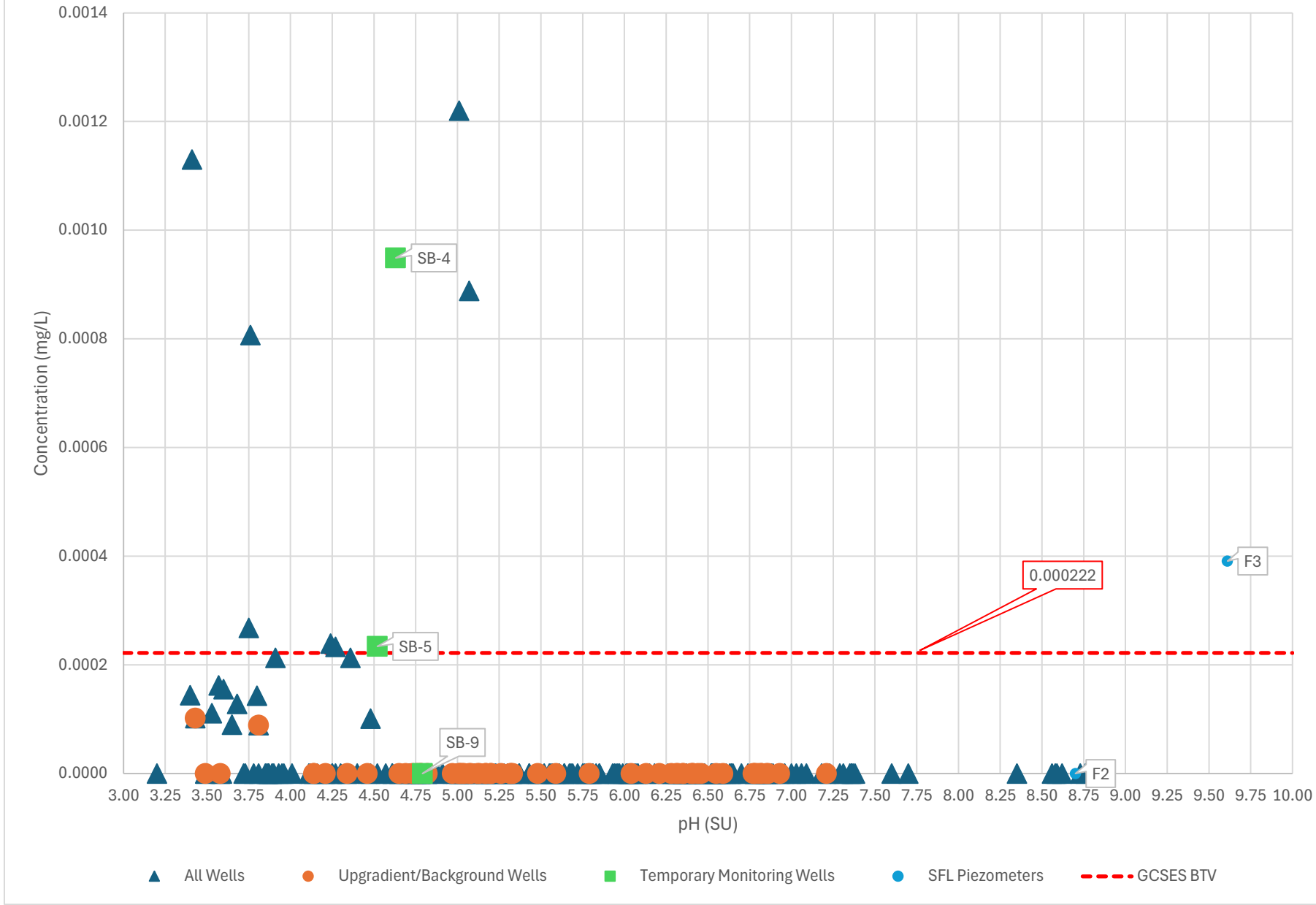

Graph D-18: Barium
Concentration (mg/L)
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
SB-9
SB-4
SB-5
0.0721
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

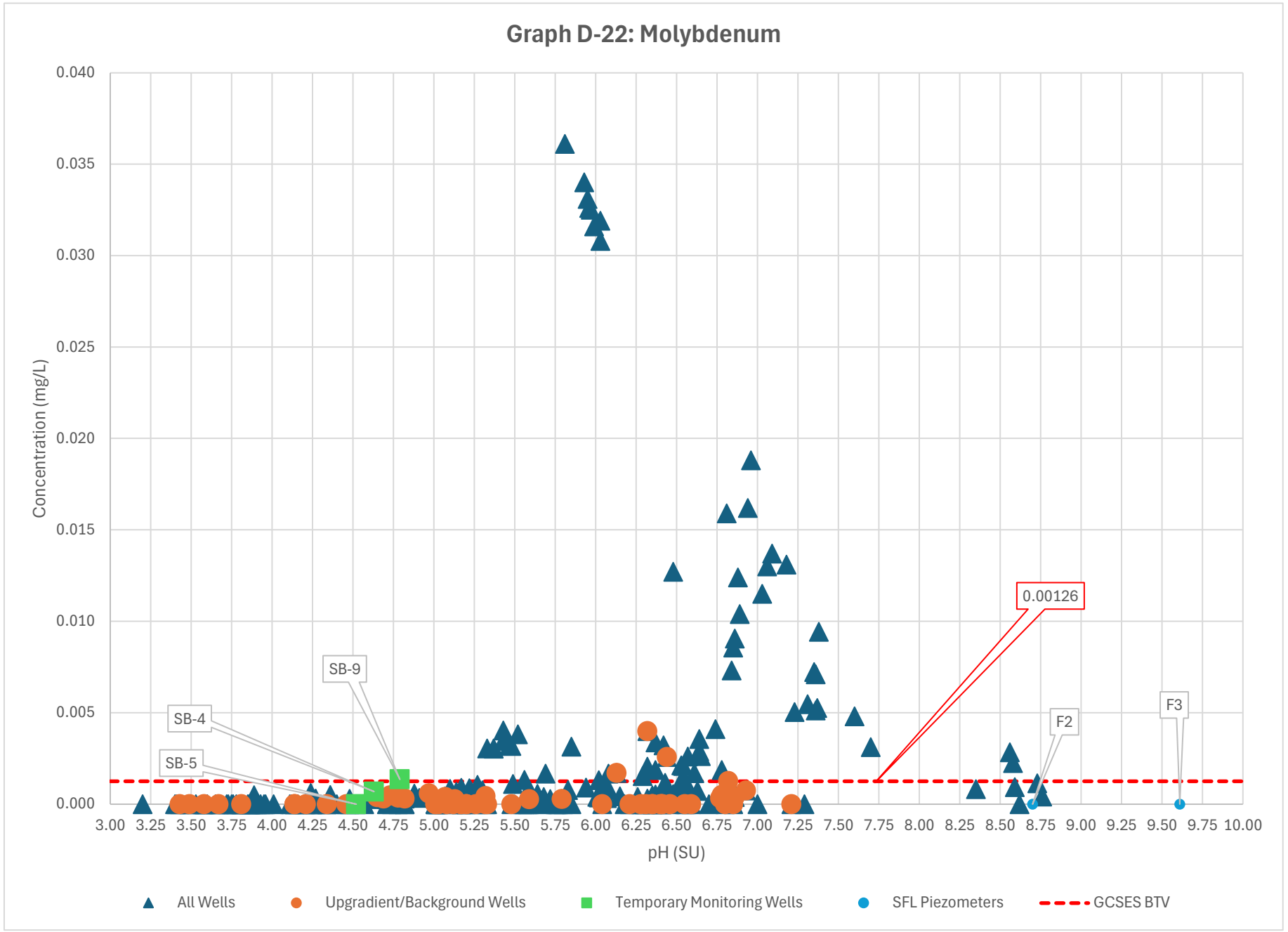

Graph D-19: Chromium
0.018
0.016
0.014
0.012
0.010
0.008
0.006
0.004
0.002
0.000
Concentration (mg/L)
0.0154
SB-9
SB-4
SB-5
F2
F3
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

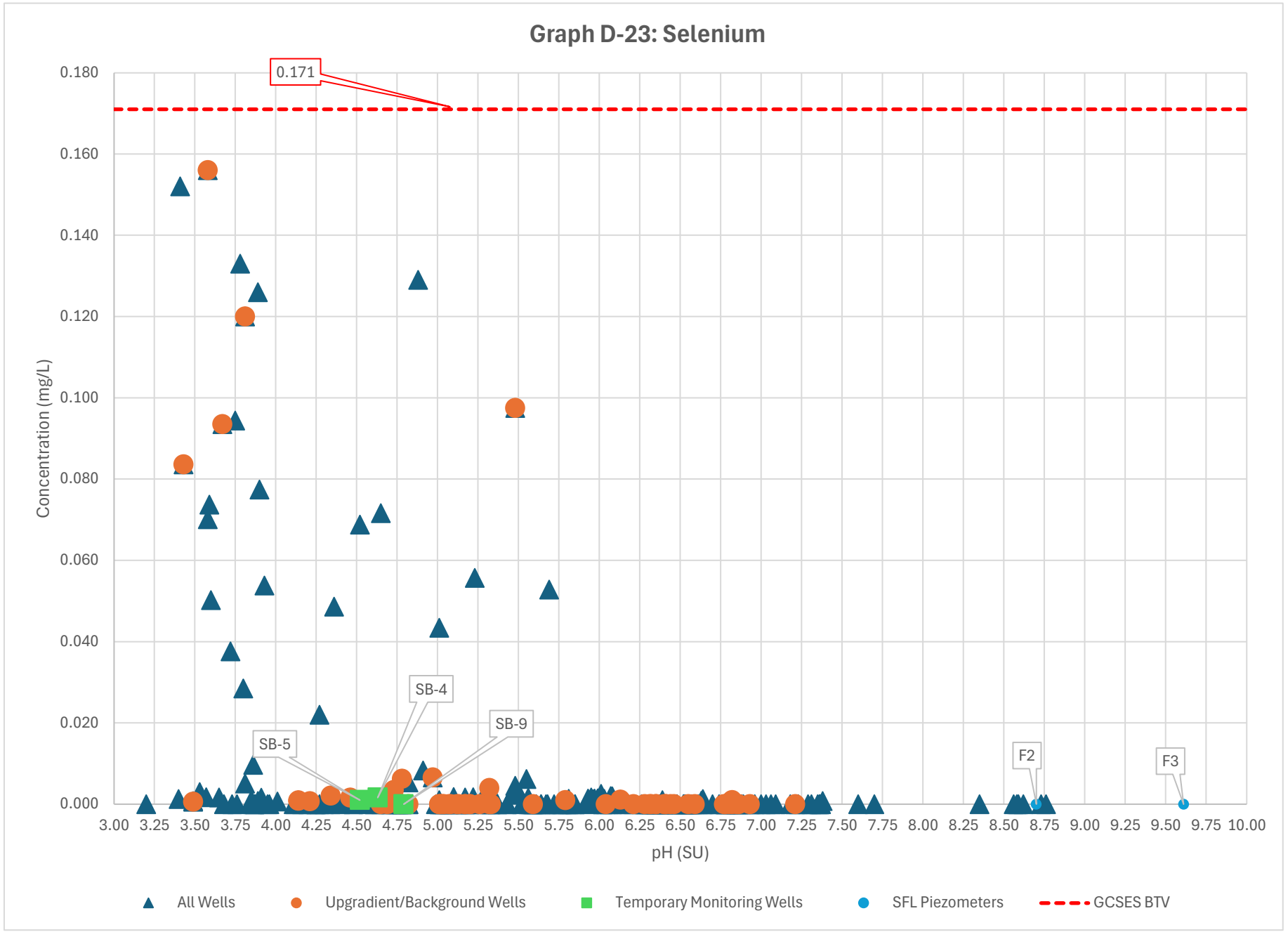
Graph D-20: Fluoride



Graph D-21: Mercury




Graph D-22: Molybdenum
Concentration (mg/L)
0.040
0.035
0.030
0.025
0.020
0.015
0.010
0.005
0.000
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
0.00126
SB-9
SB-4
SB-5
F2
F3
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV


Graph D-23: Selenium
0.171
0.180
0.160
0.140
0.120
0.100
0.080
0.060
0.040
0.020
0.000
Concentration (mg/L)
3.00 3.25 3.50 3.75 4.00 4.25 4.50 4.75 5.00 5.25 5.50 5.75 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 8.25 8.50 8.75 9.00 9.25 9.50 9.75 10.00
pH (SU)
SB-4
SB-9
SB-5
F2
F3
All Wells
Upgradient/Background Wells
Temporary Monitoring Wells
SFL Piezometers
GCSES BTV

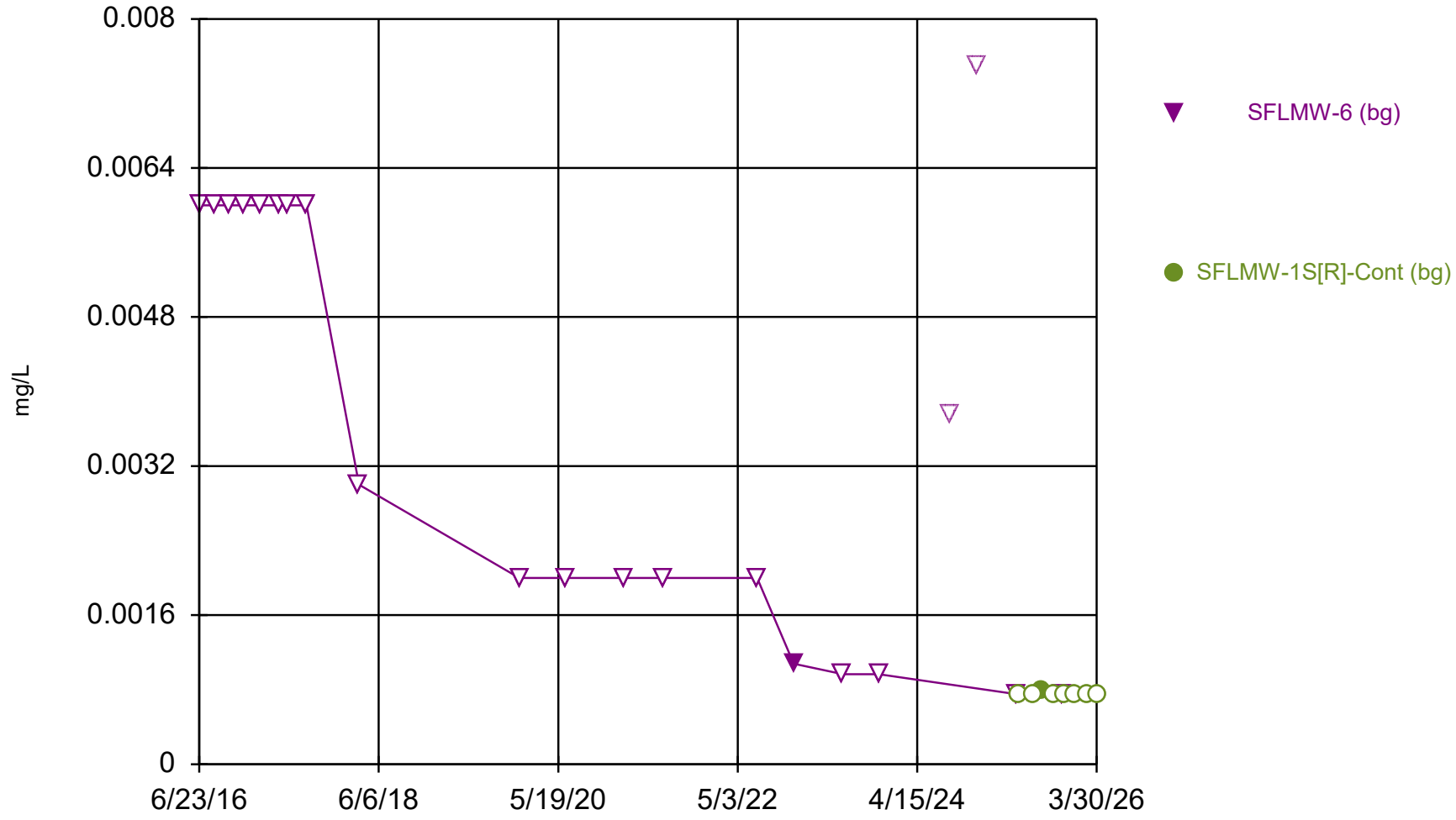
Appendix E

Statistical Analysis – Time Series & Box Plots

SFL CCR Unit - Shallow

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

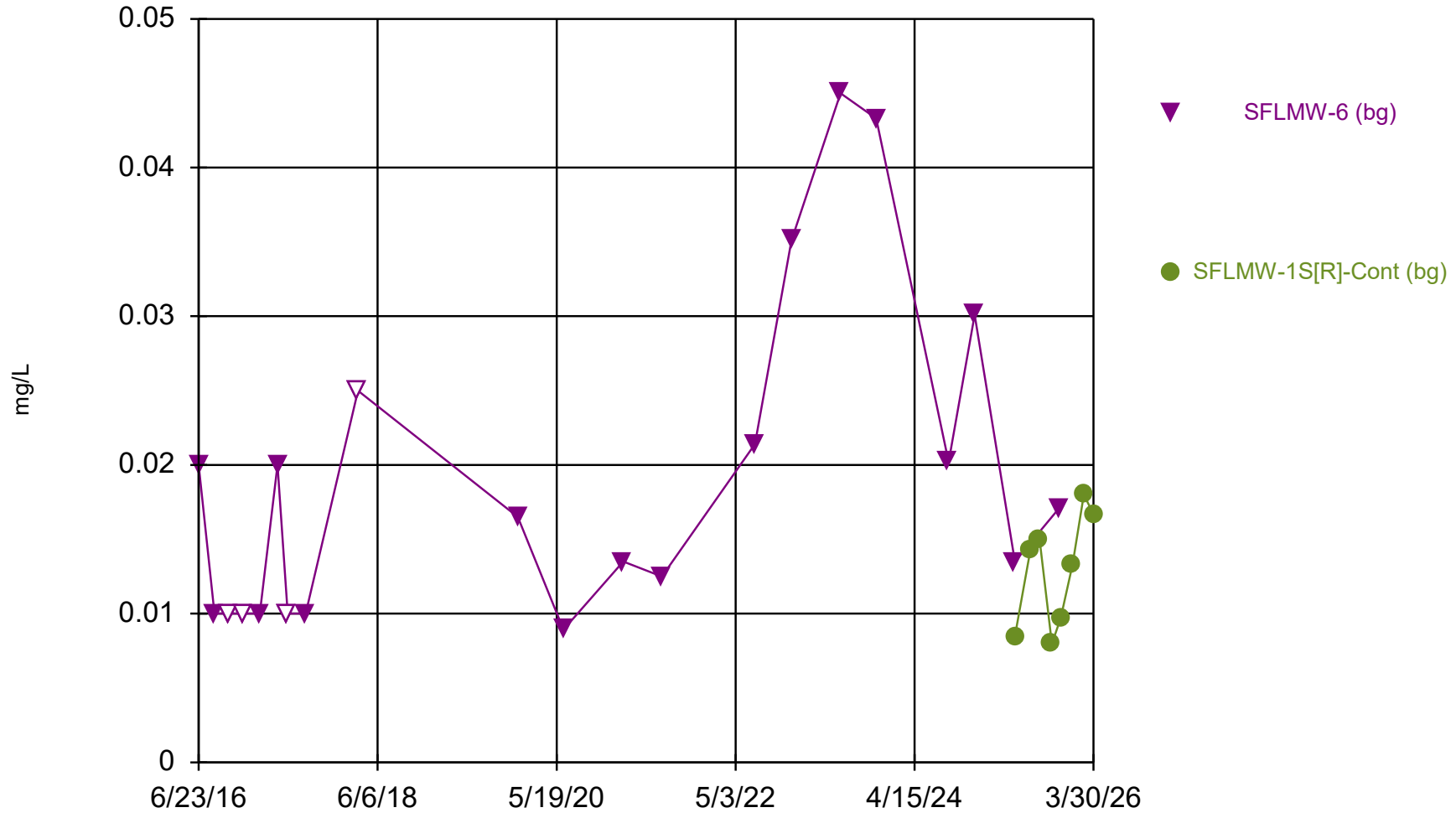


Constituent: Antimony Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

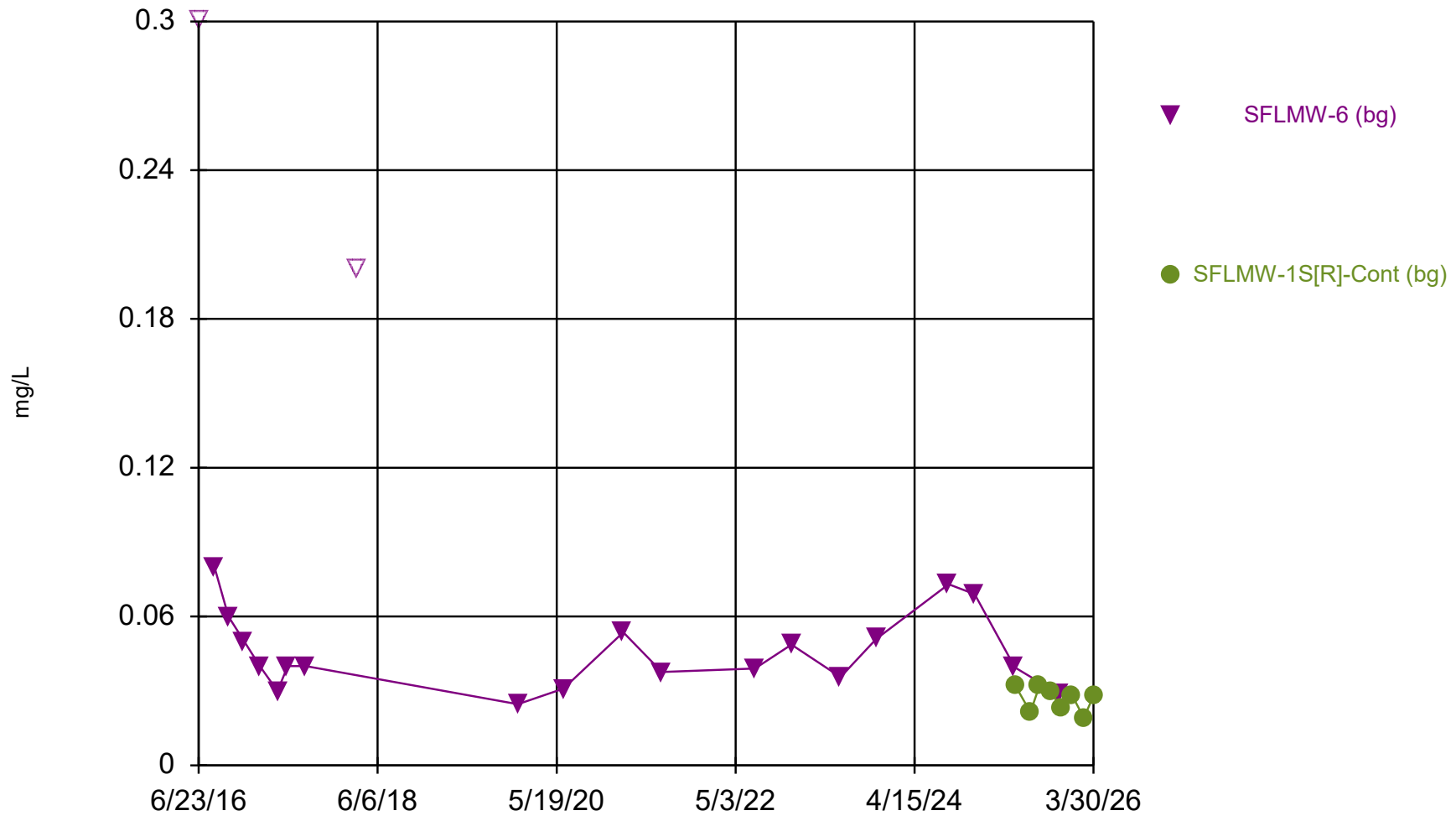


Constituent: Arsenic Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

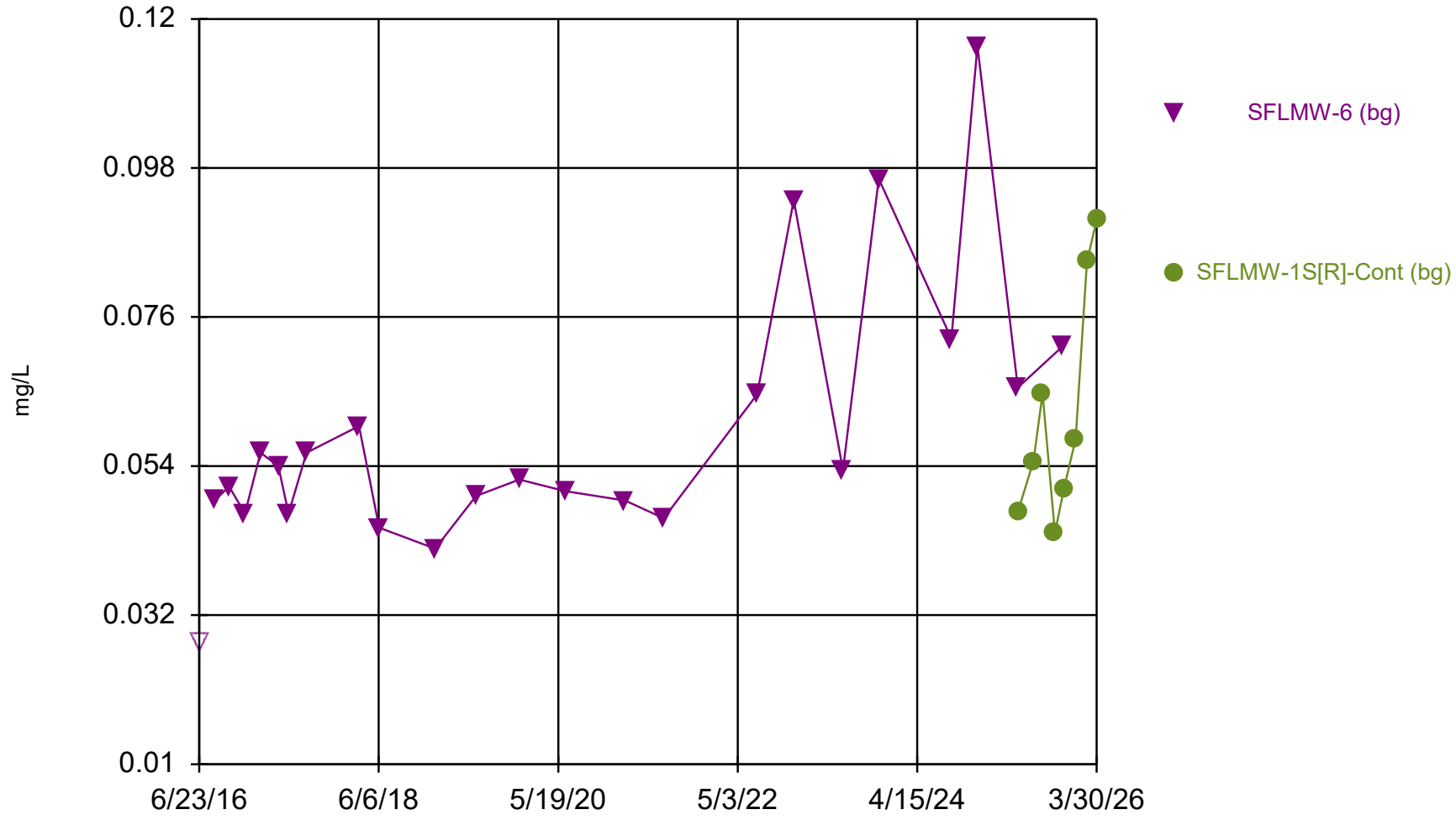


Constituent: Barium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

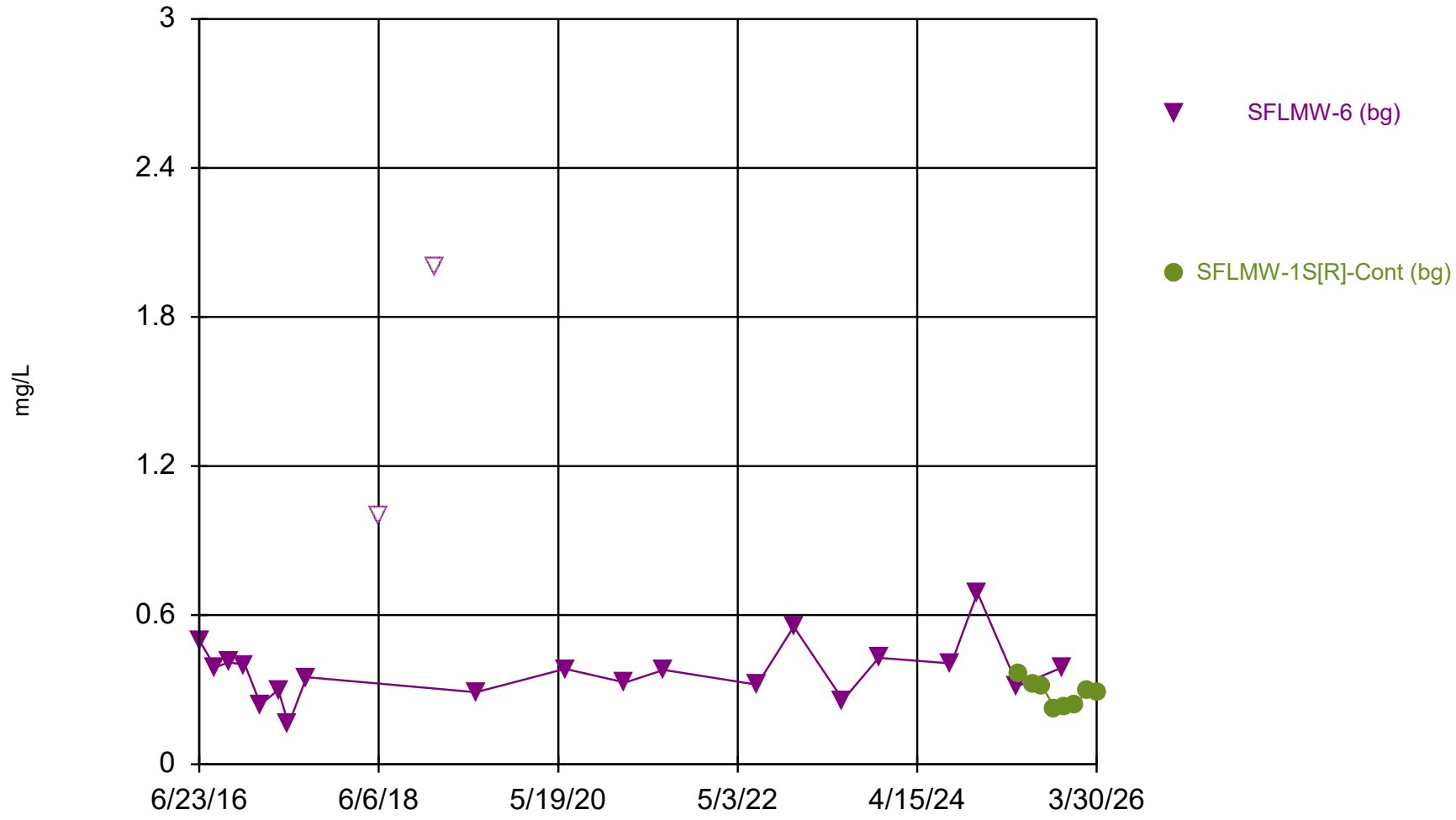


Constituent: Beryllium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

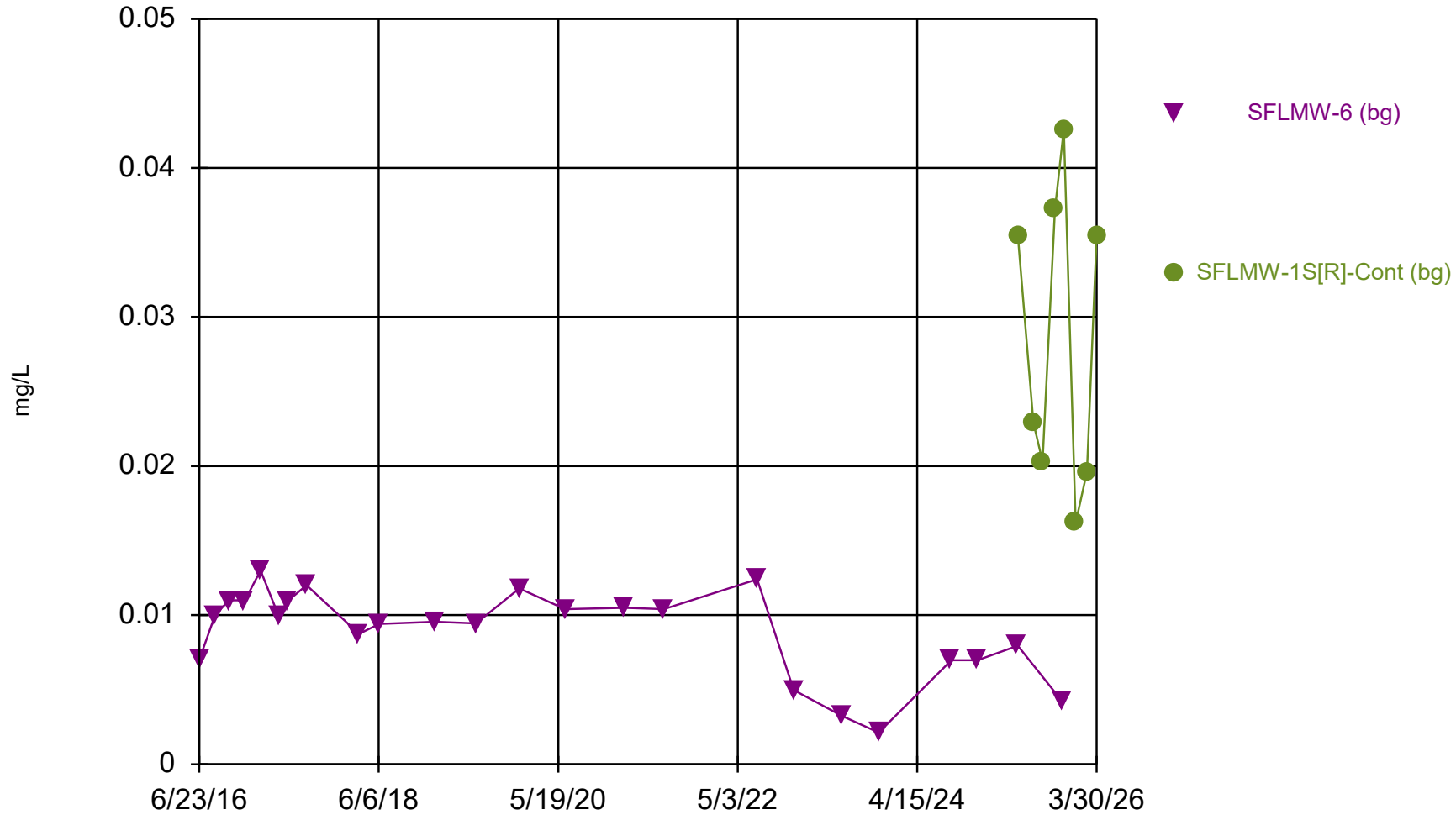


Constituent: Boron Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

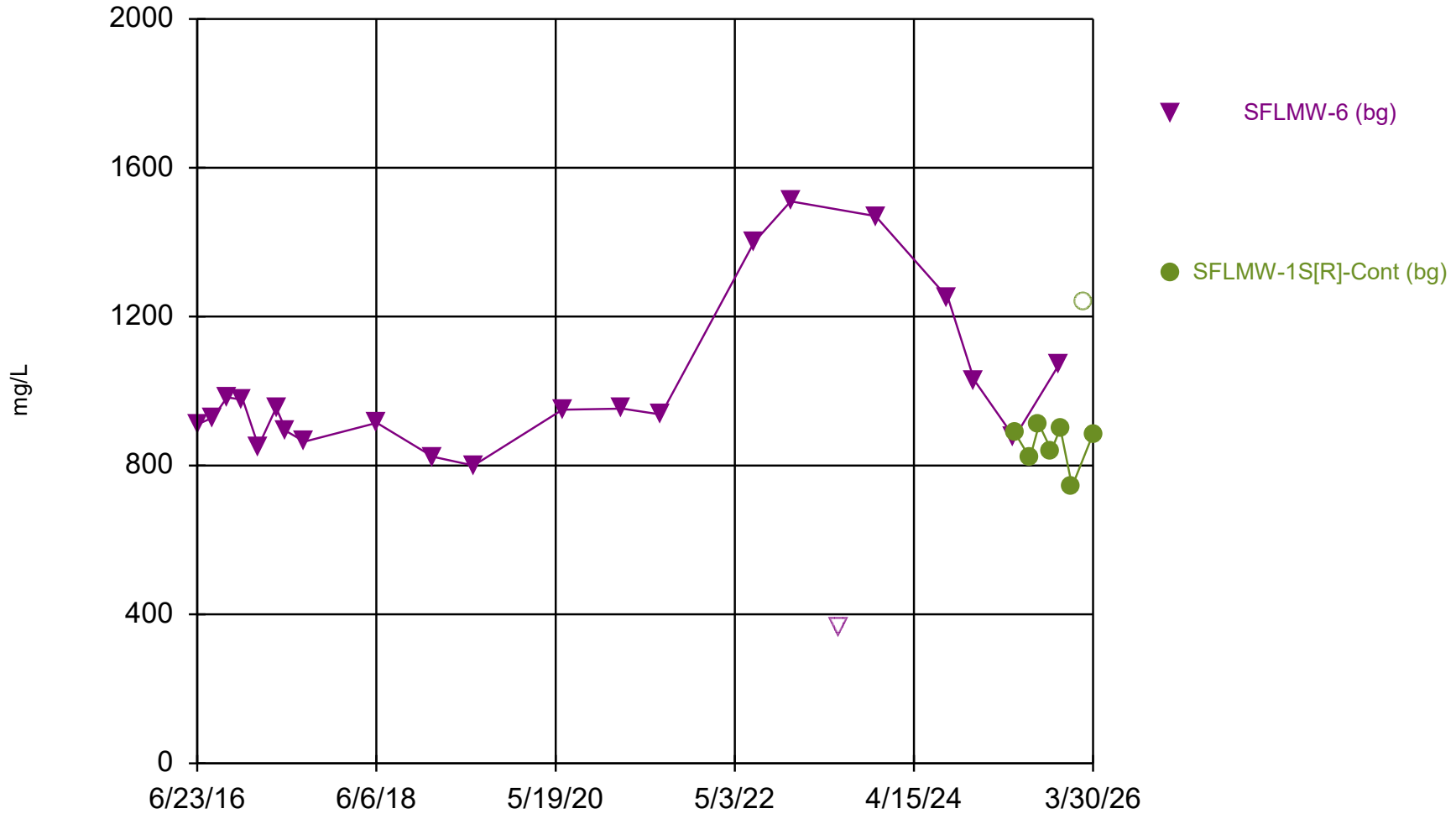


Constituent: Cadmium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

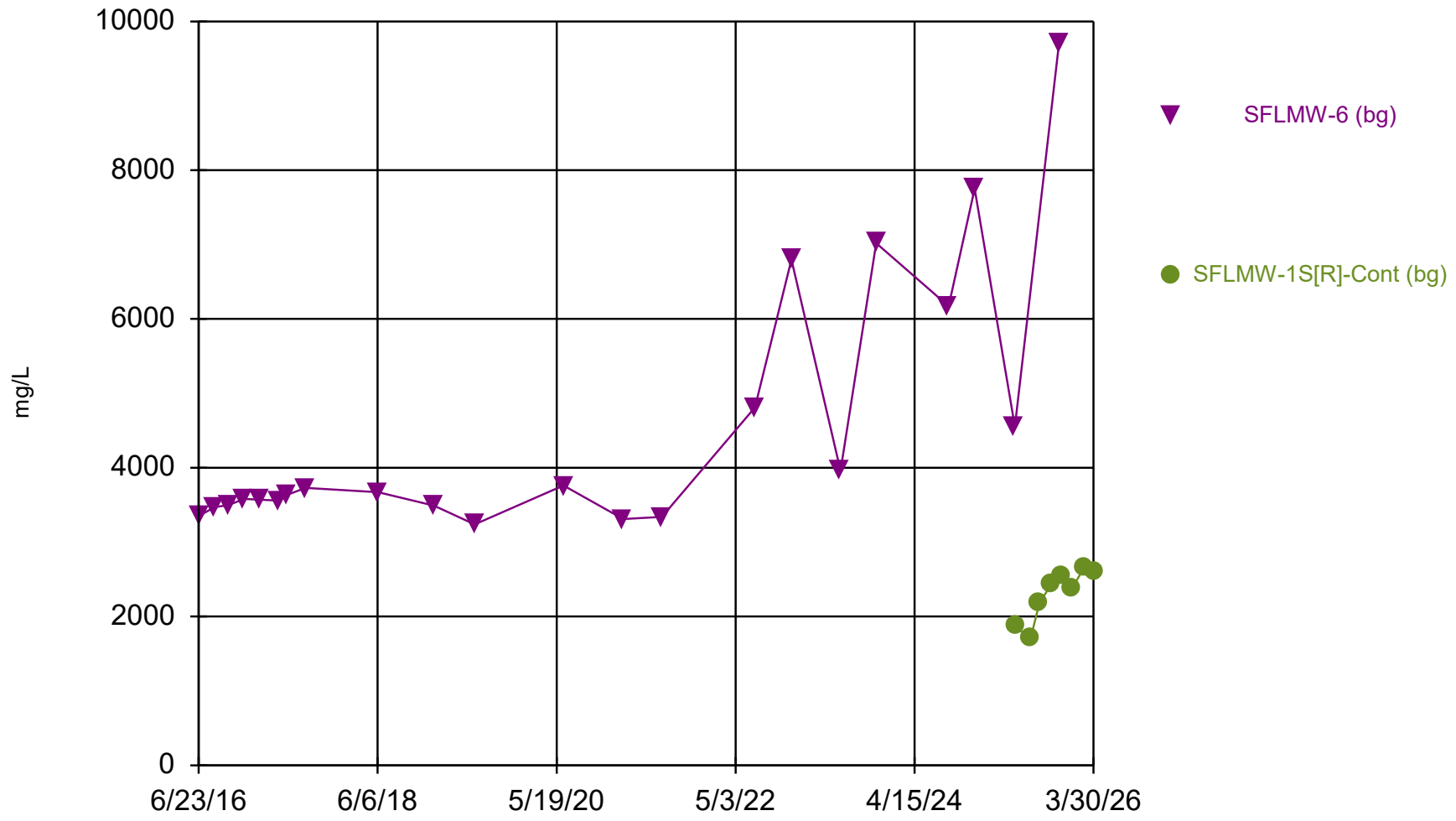


Constituent: Calcium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

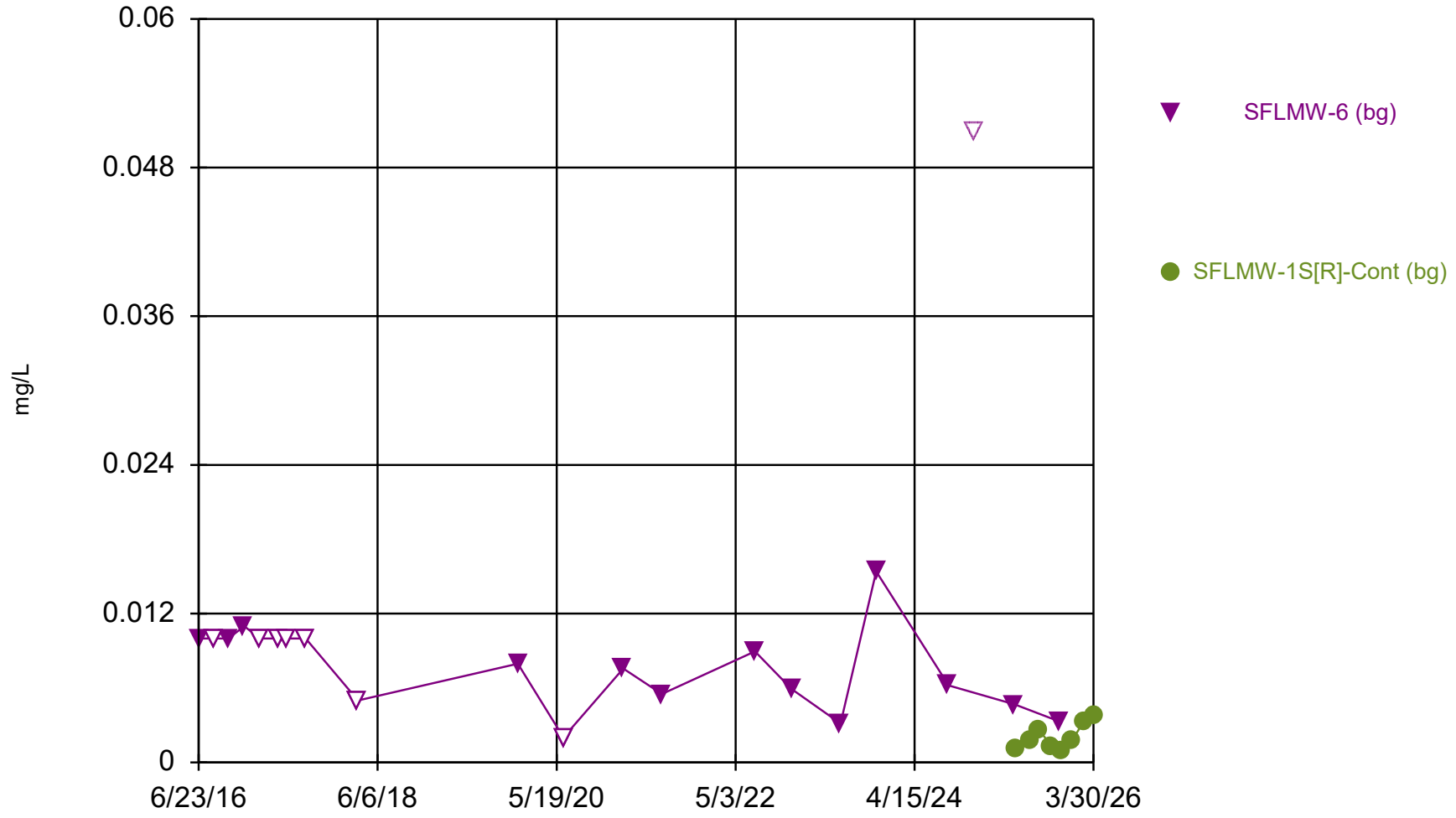


Constituent: Chloride Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

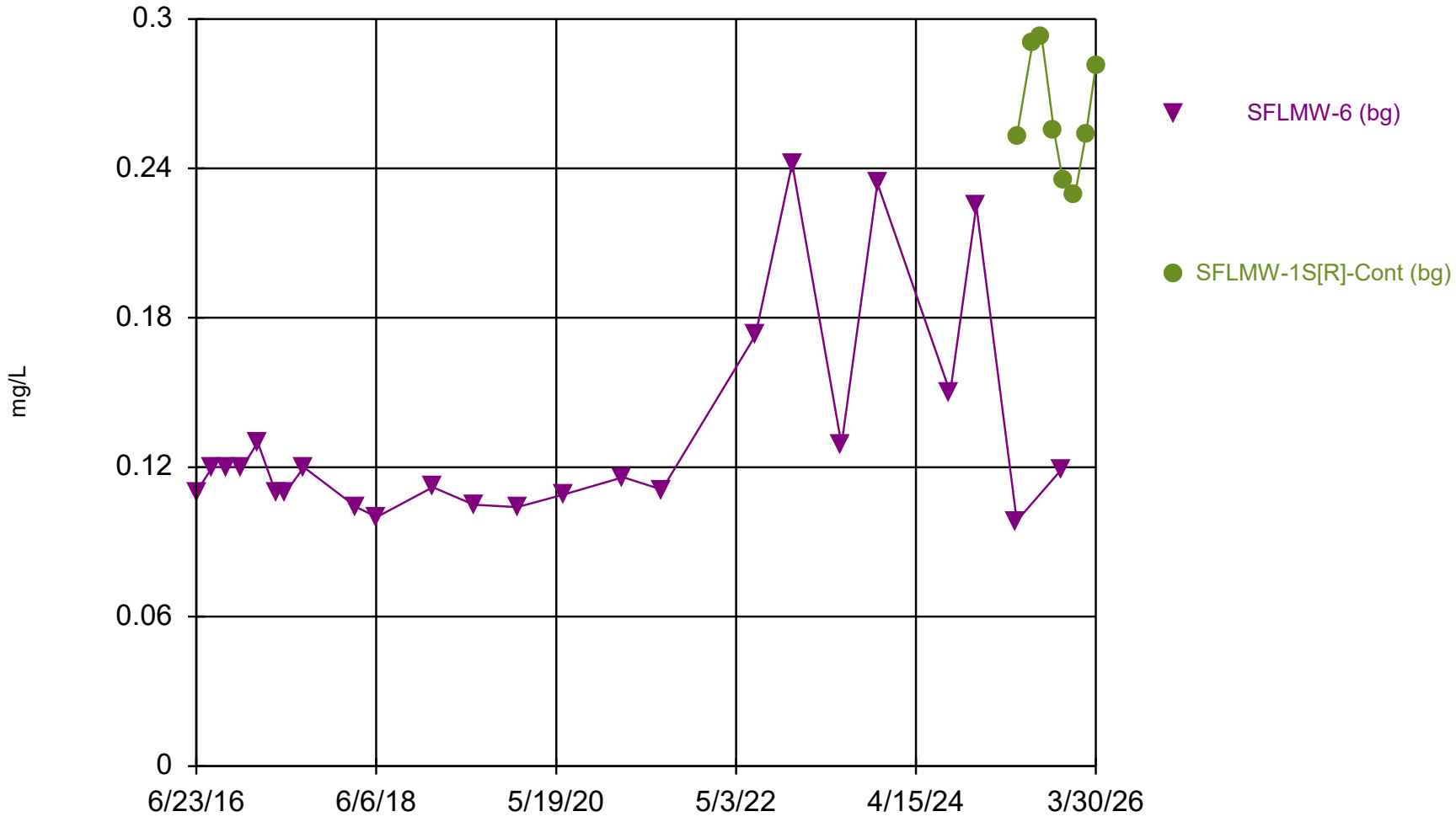


Constituent: Chromium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

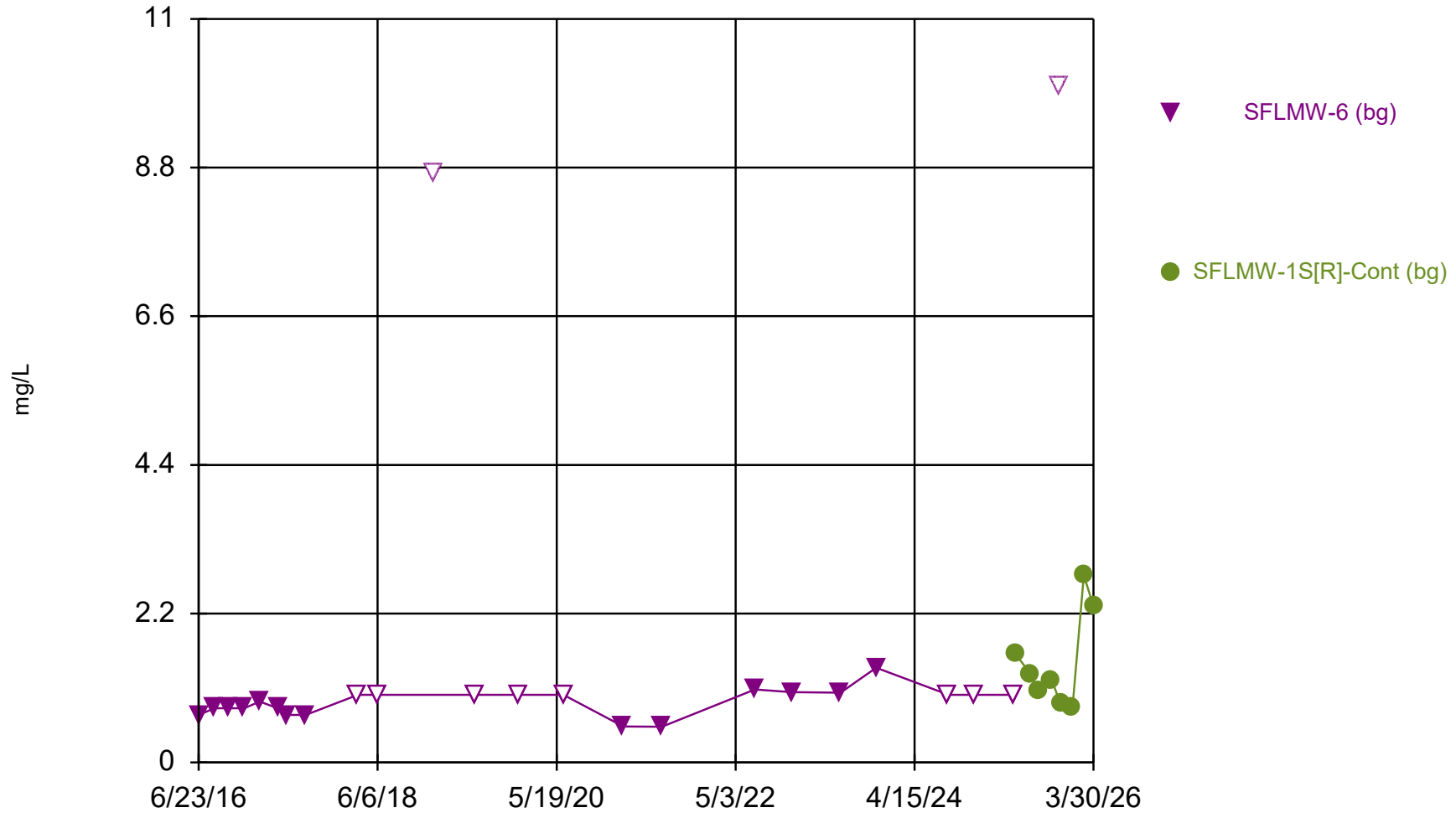


Constituent: Cobalt Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

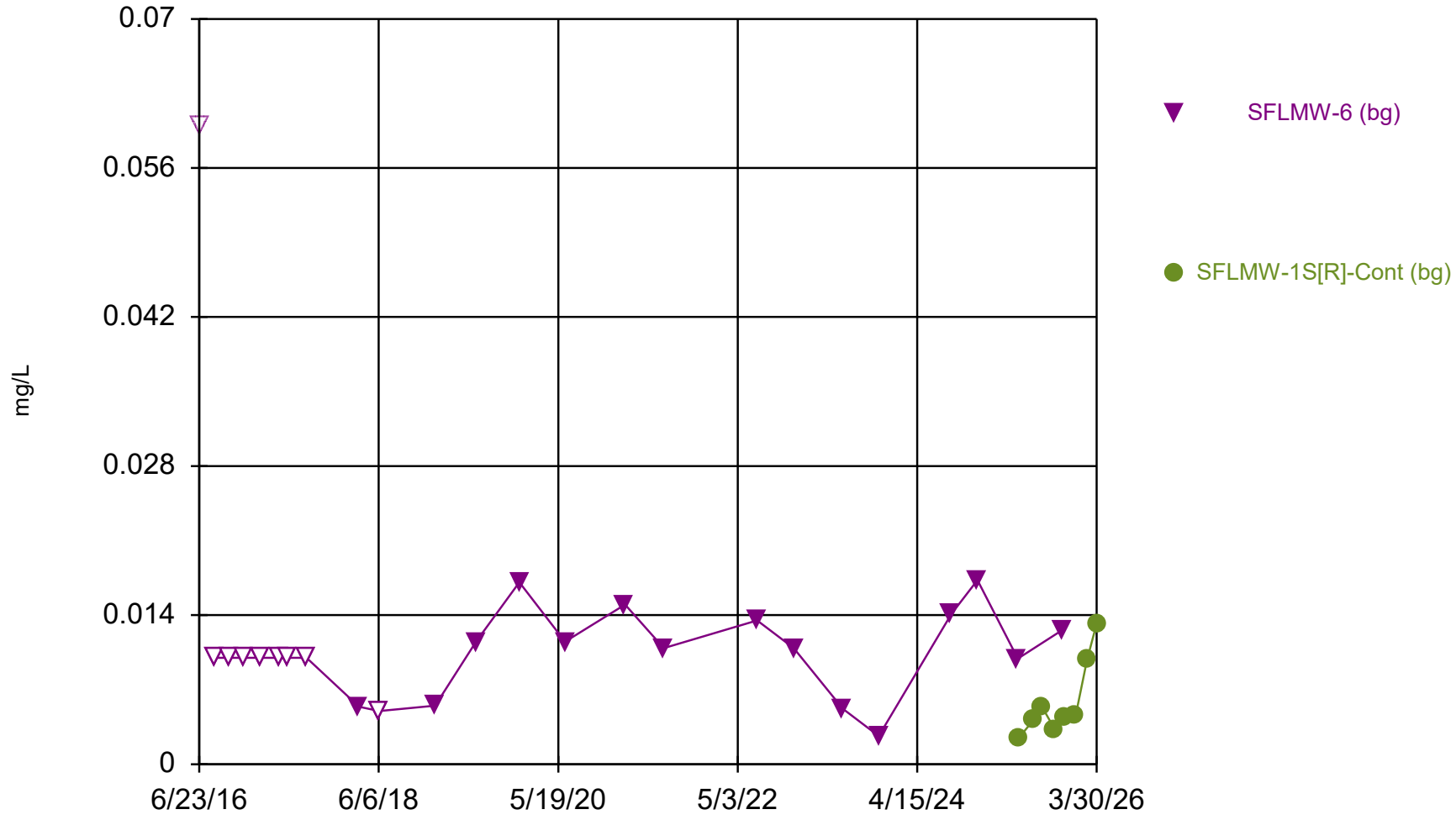


Constituent: Fluoride Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

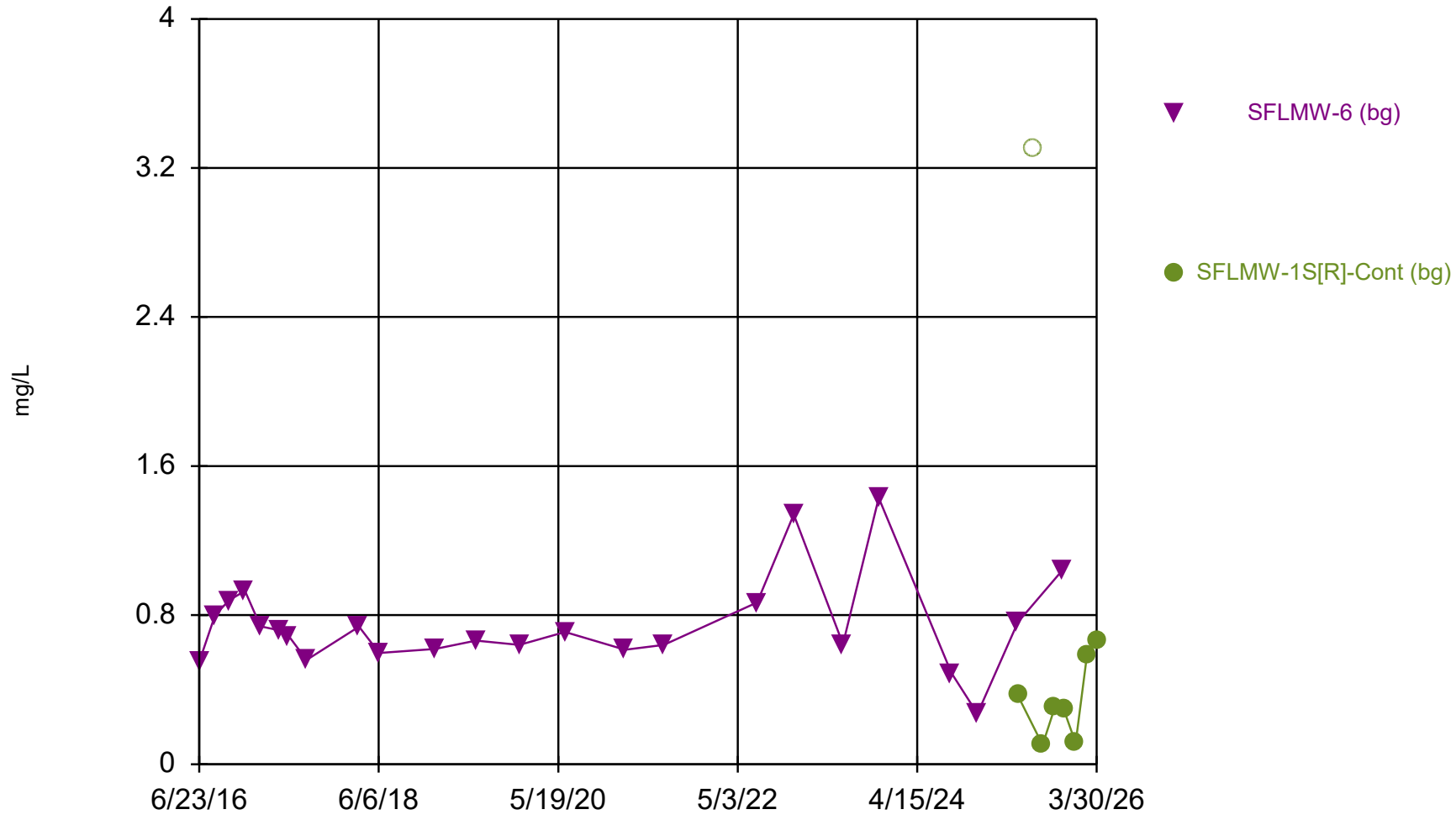


Constituent: Lead Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

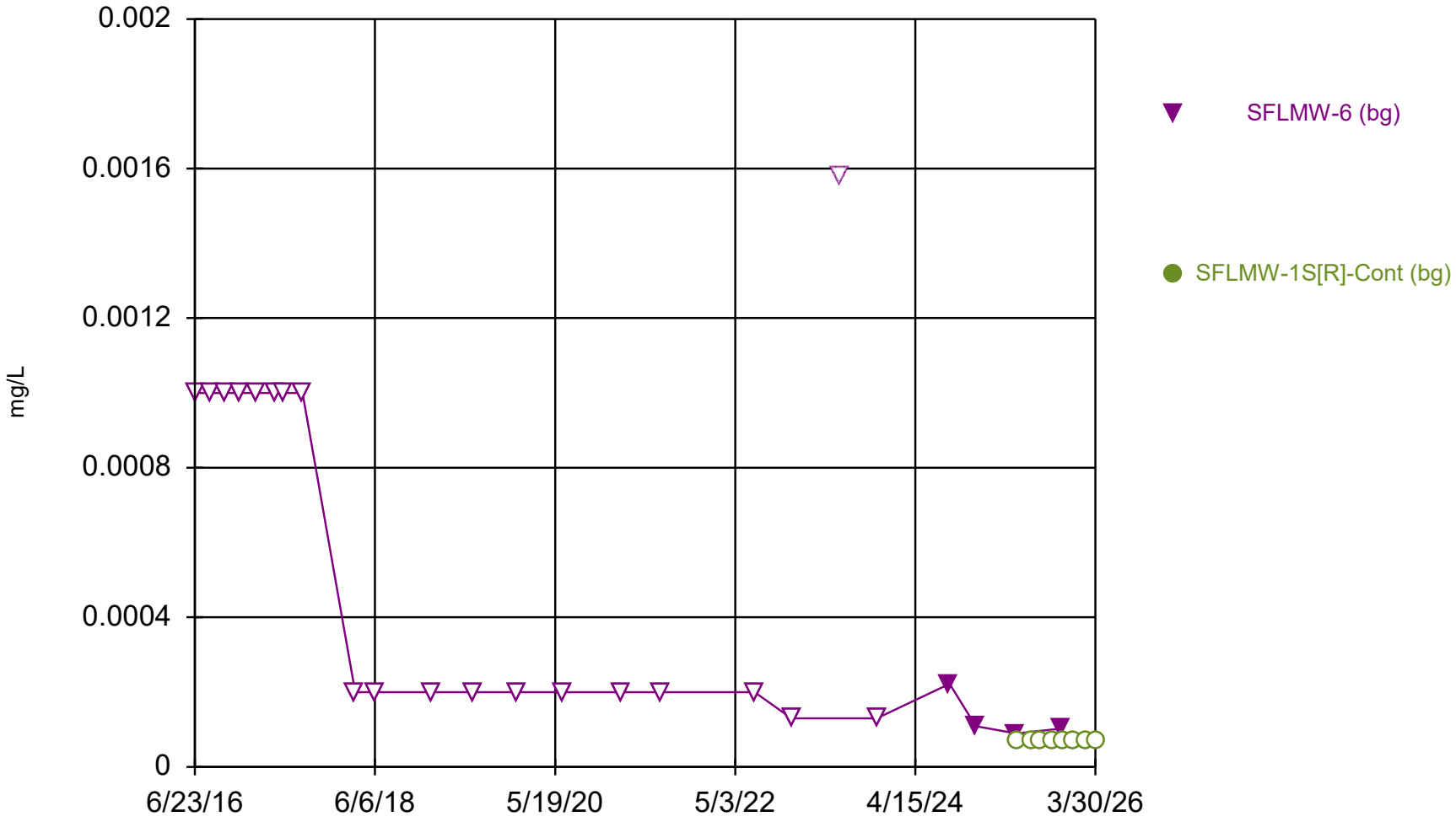


Constituent: Lithium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

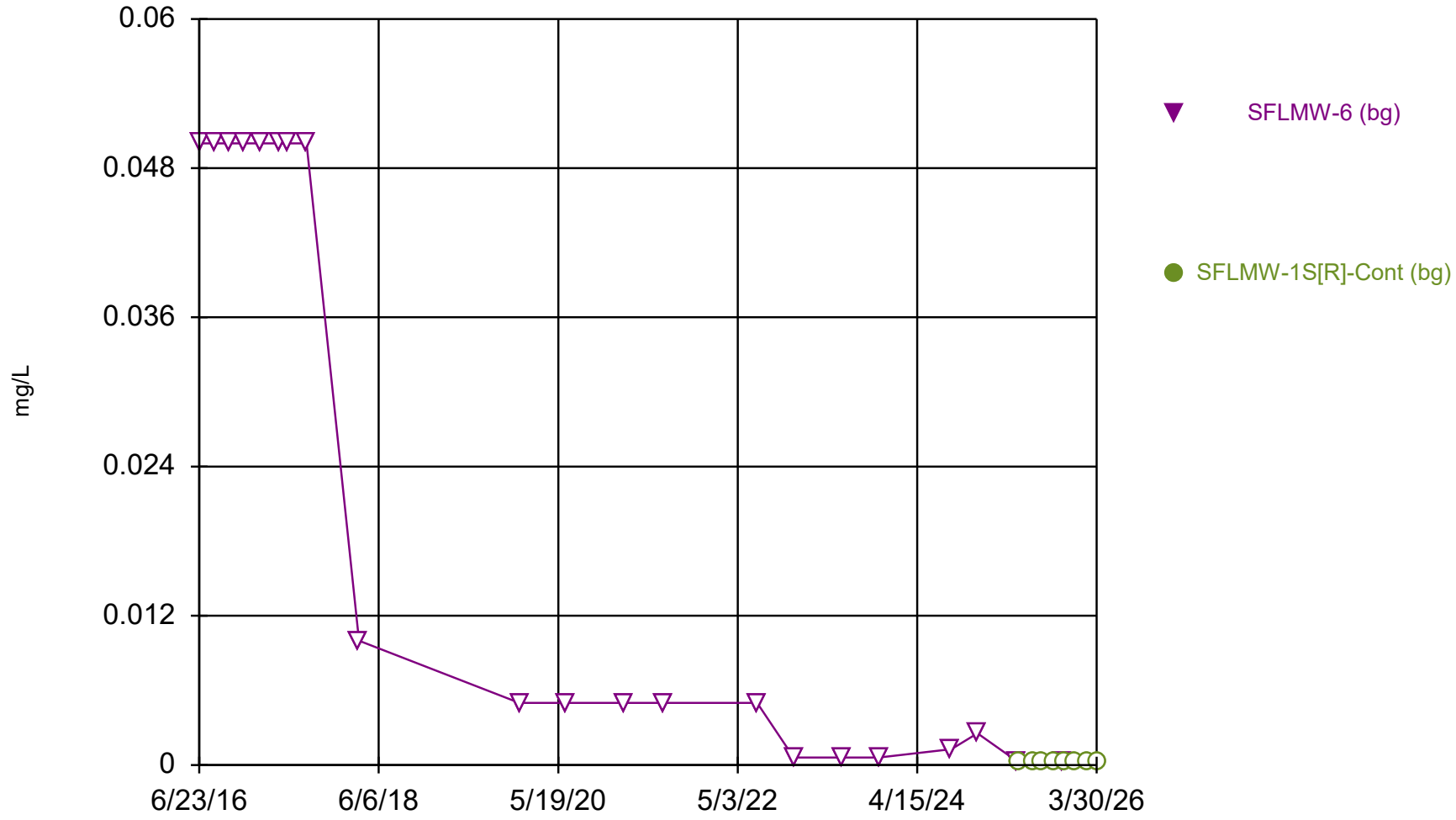


Constituent: Mercury Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

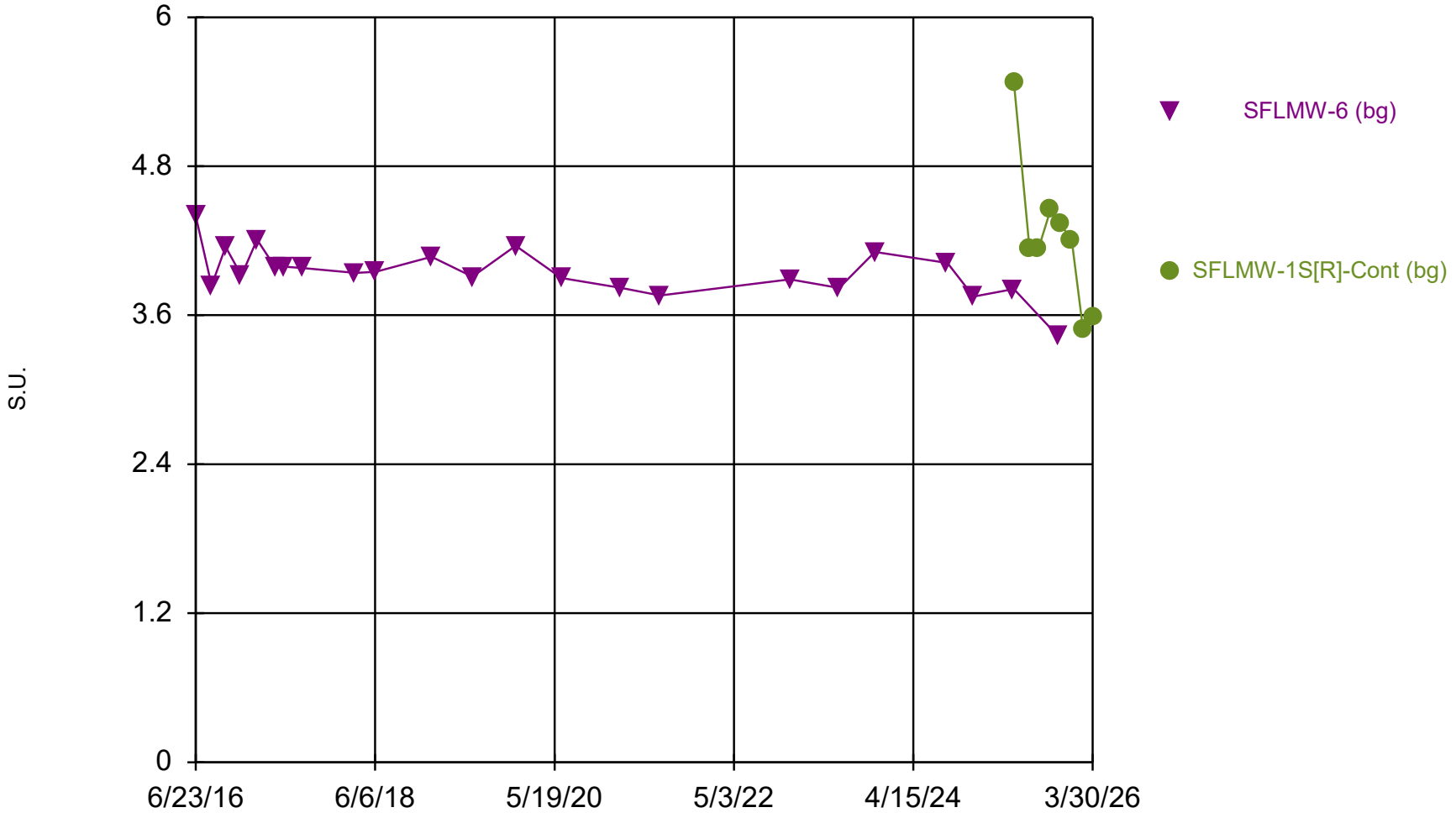


Constituent: Molybdenum Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

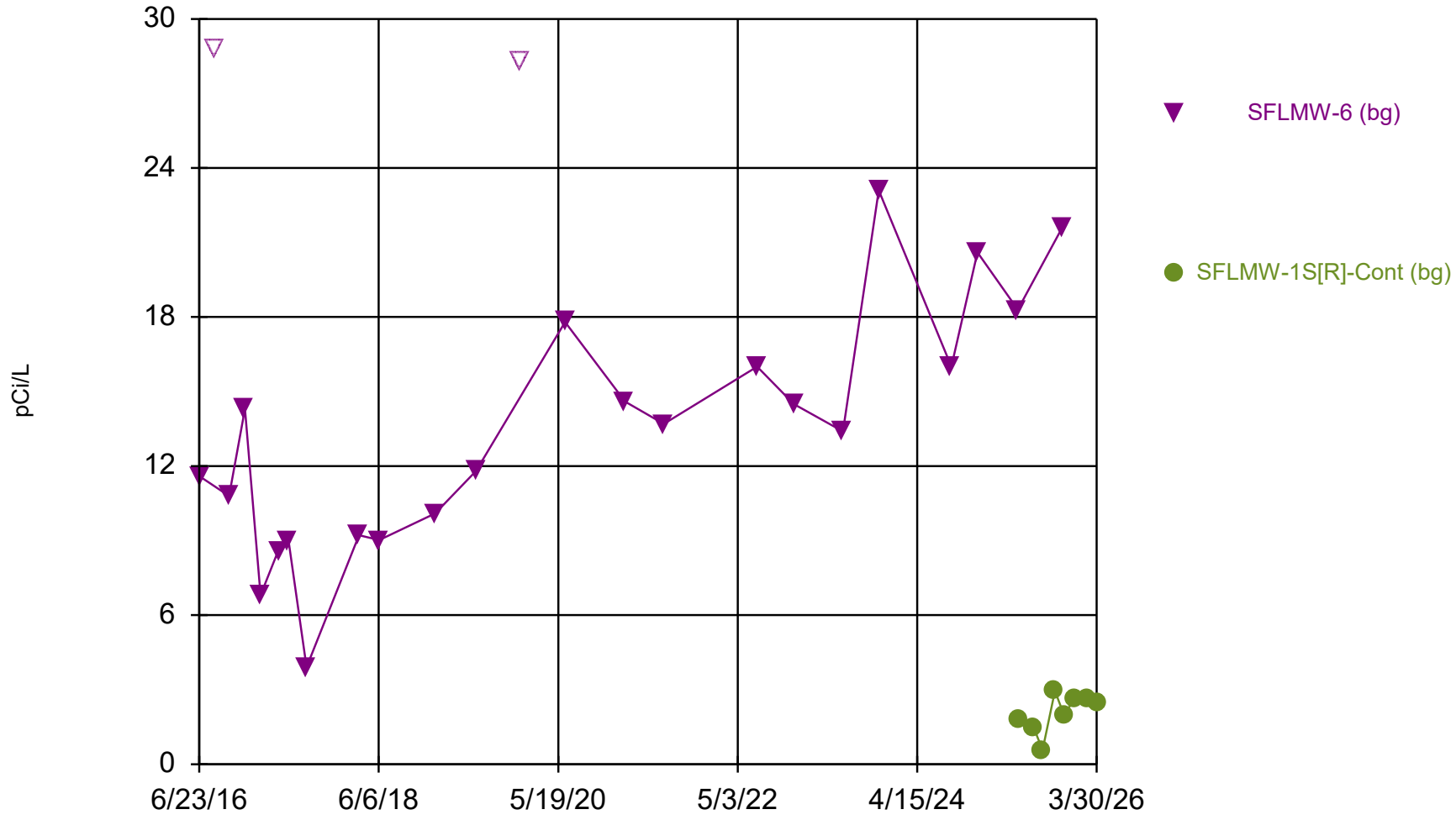


Constituent: pH Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

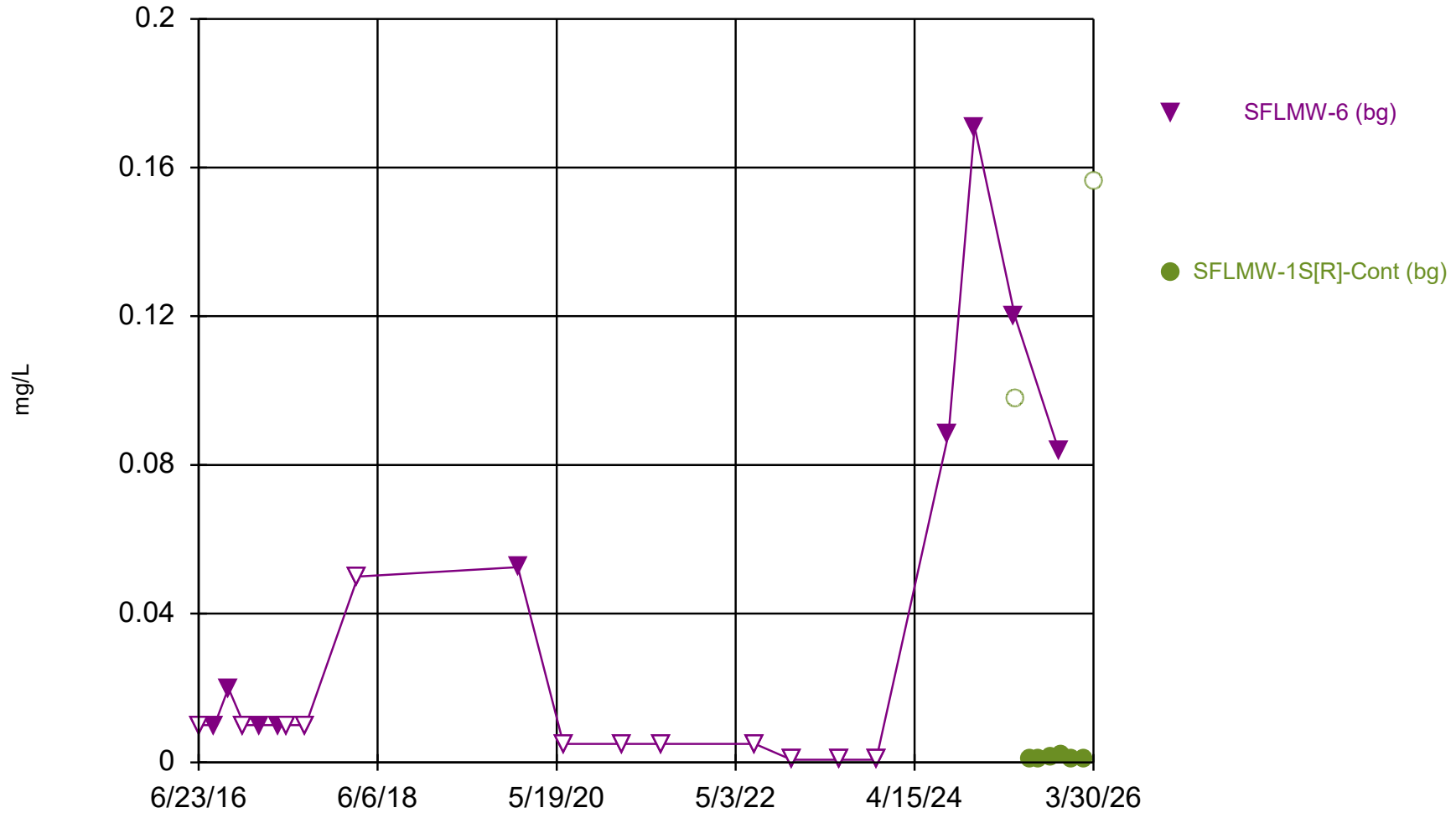


Constituent: Radium 226 + 228 Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Backgrou

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

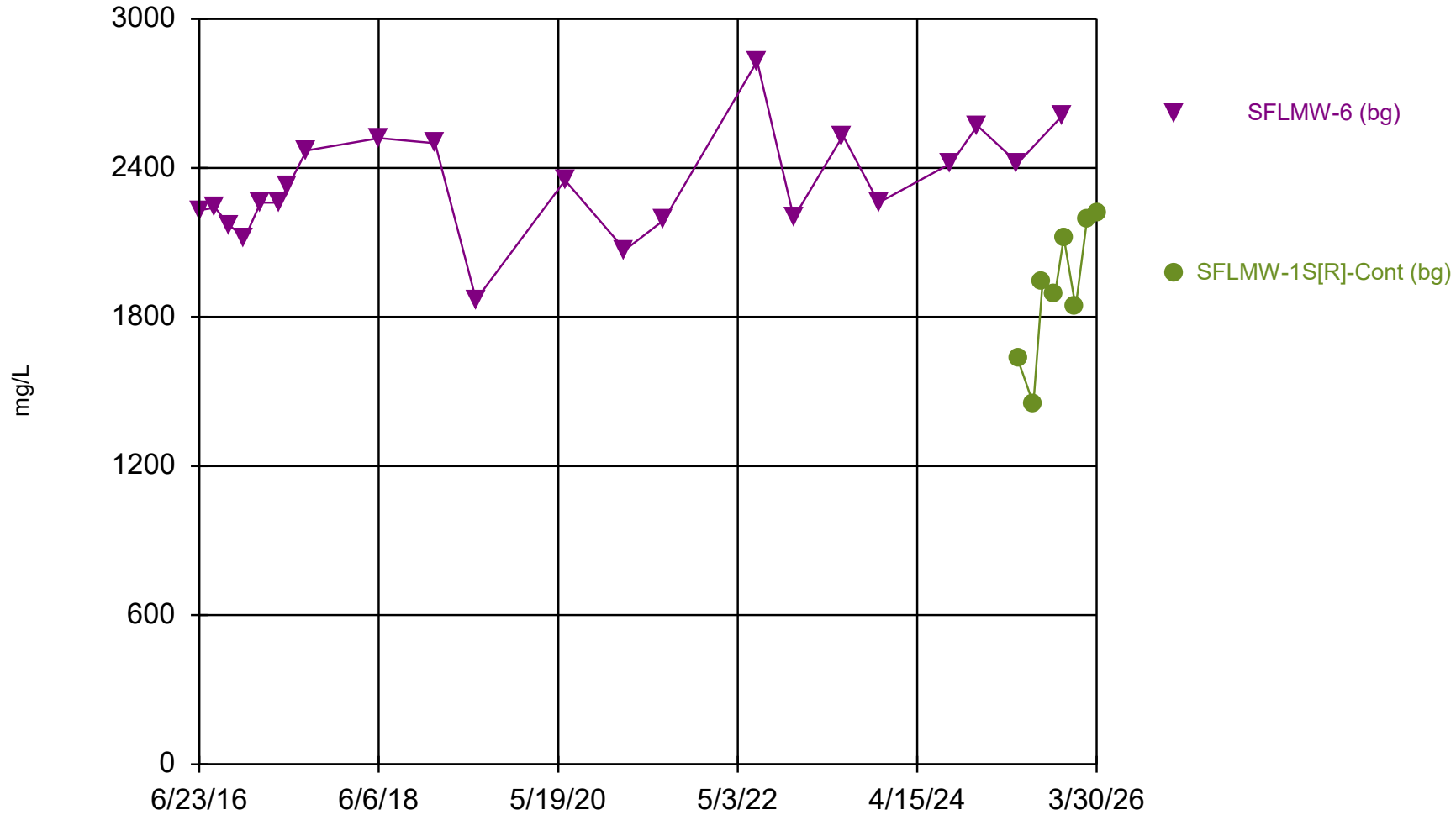


Constituent: Selenium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

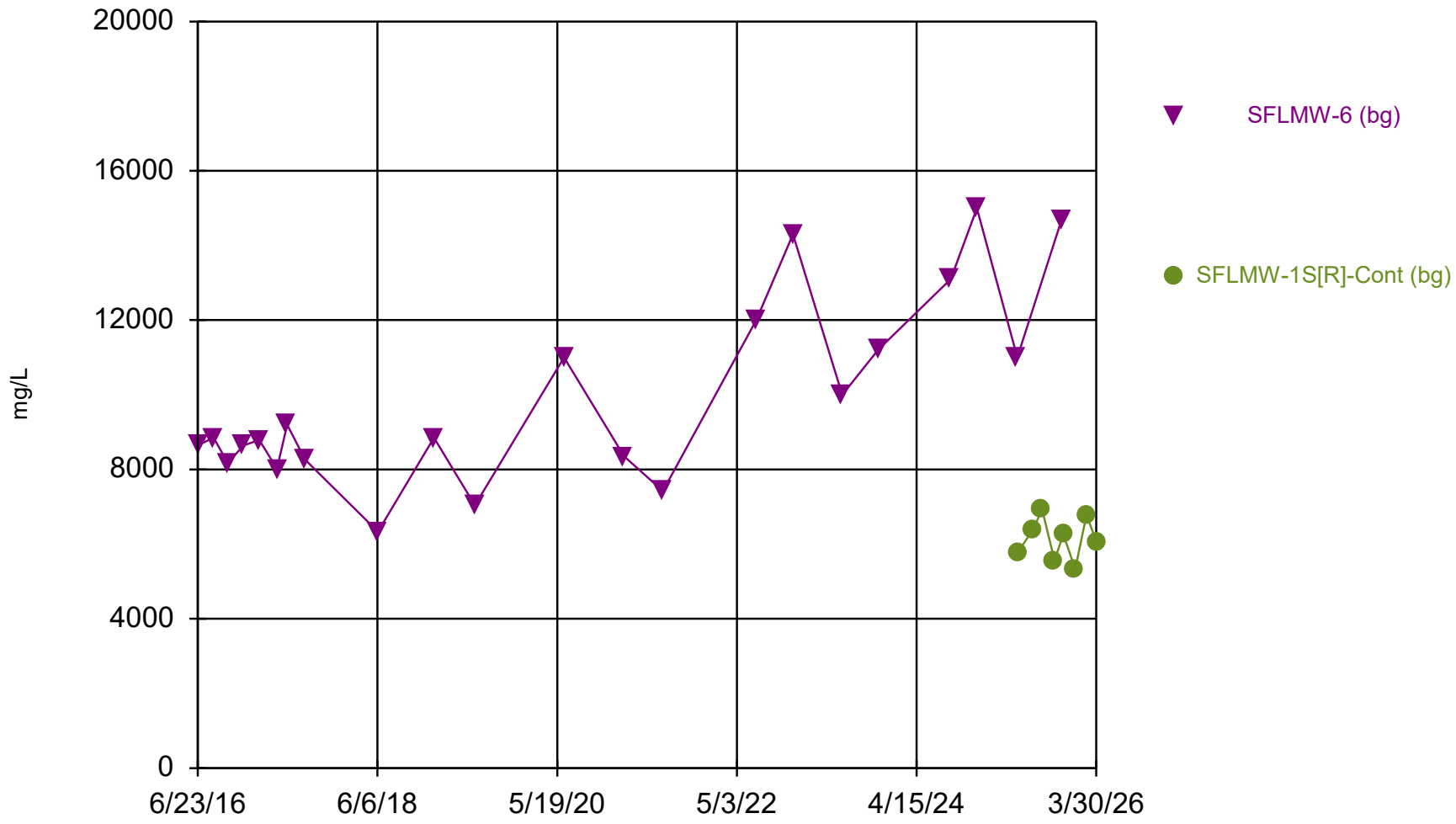


Constituent: Sulfate Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

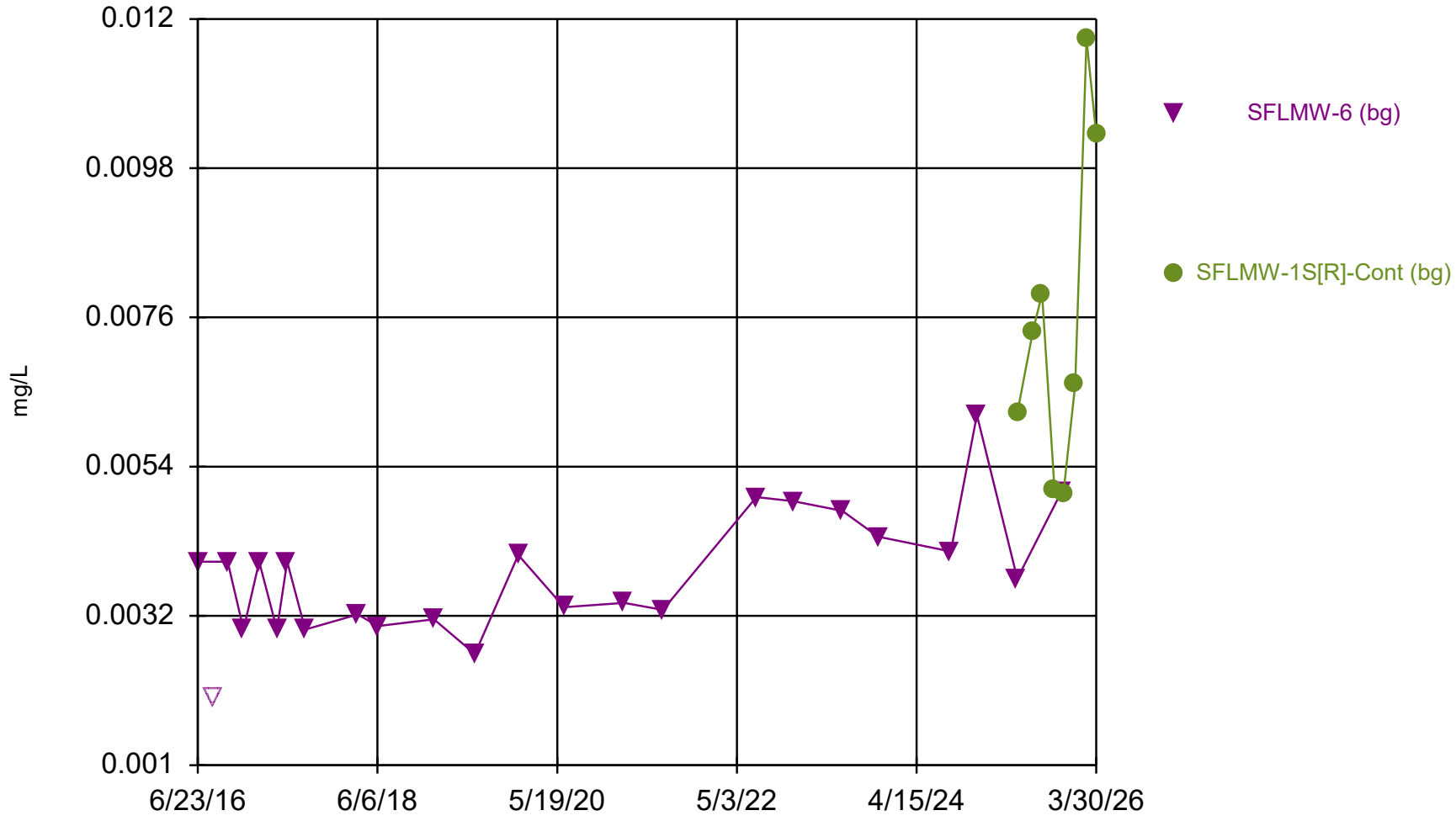


Constituent: TDS Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

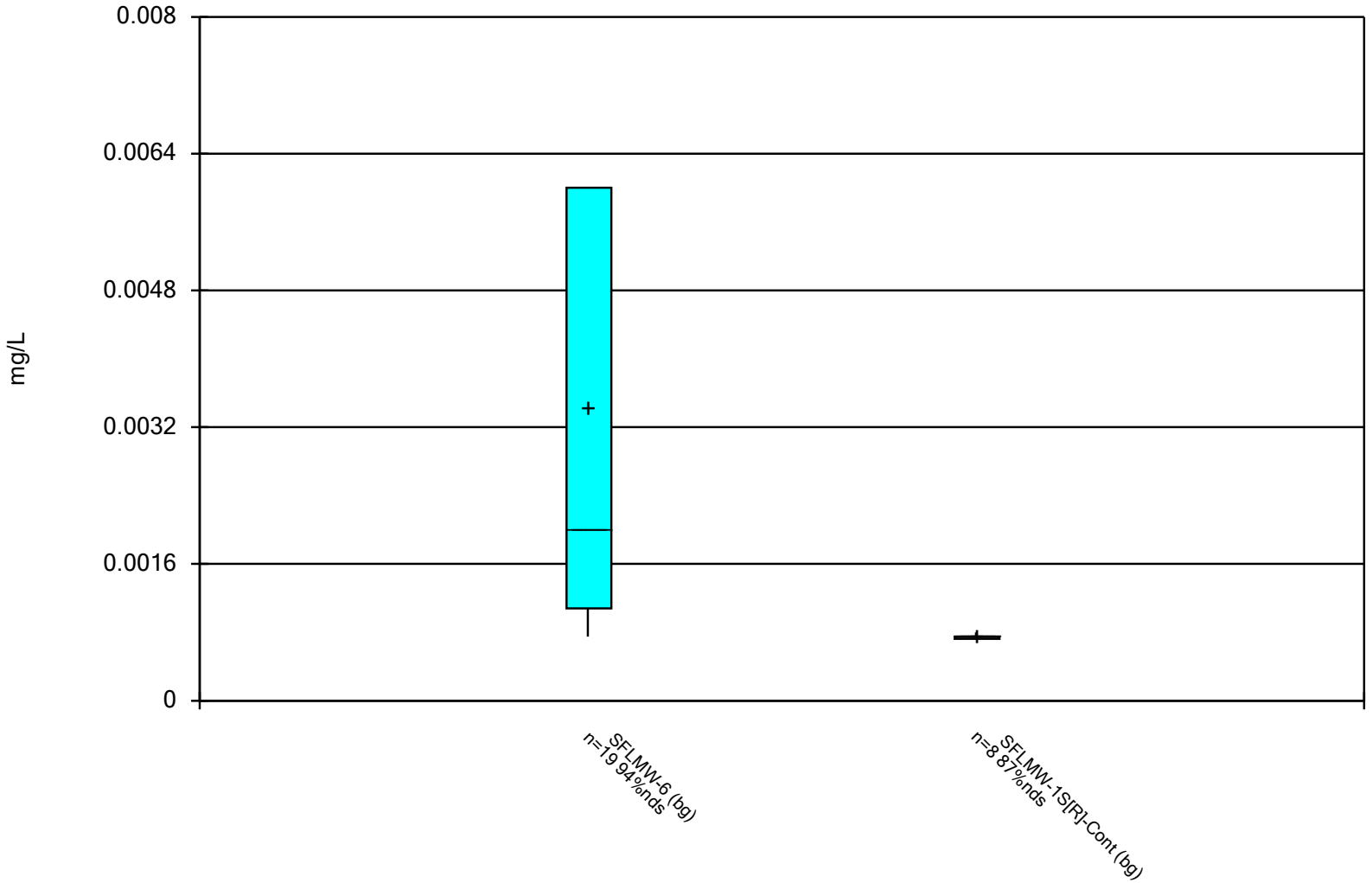


Constituent: Thallium Analysis Run 5/16/2026 11:52 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

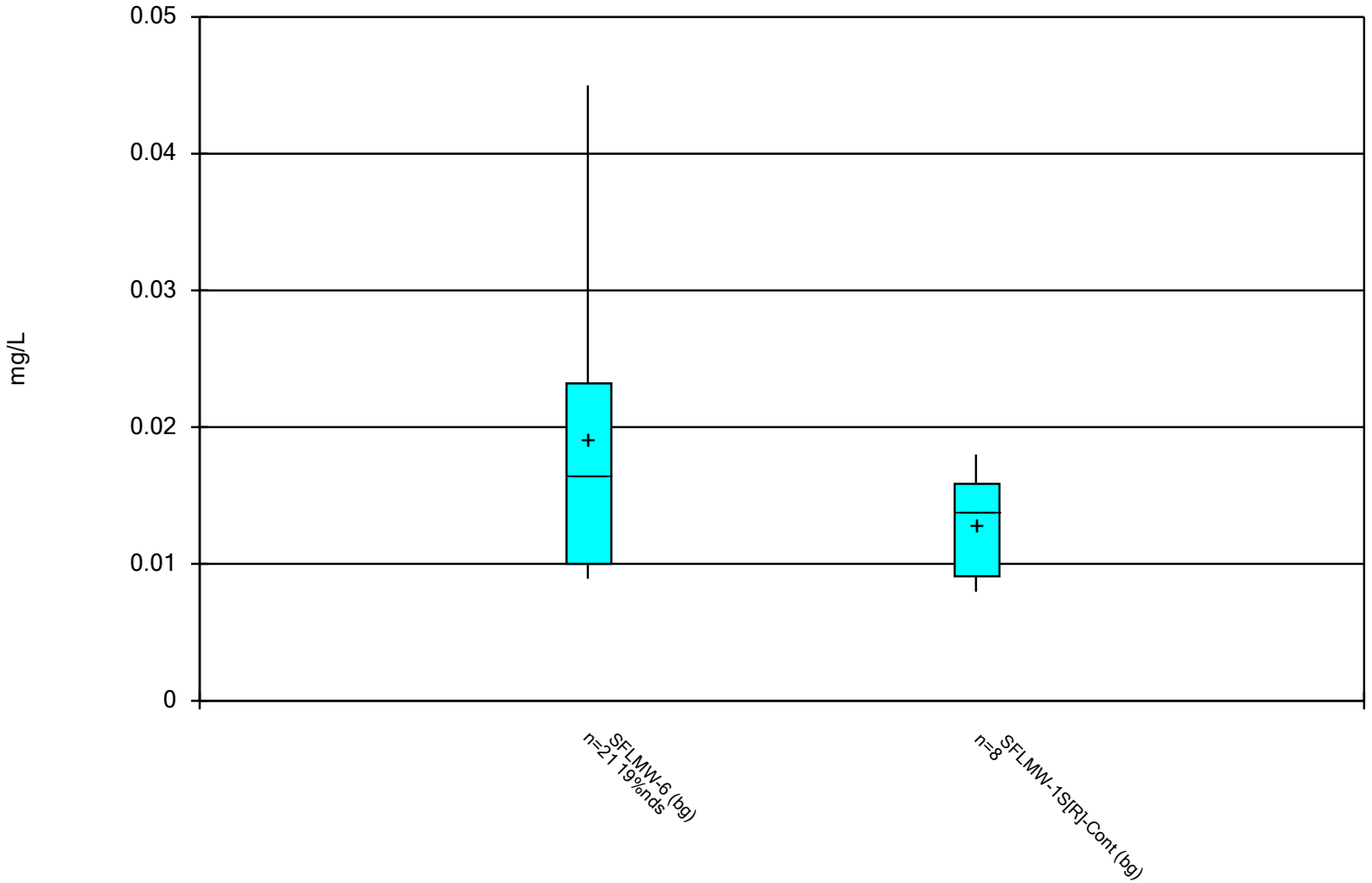


Constituent: Antimony Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

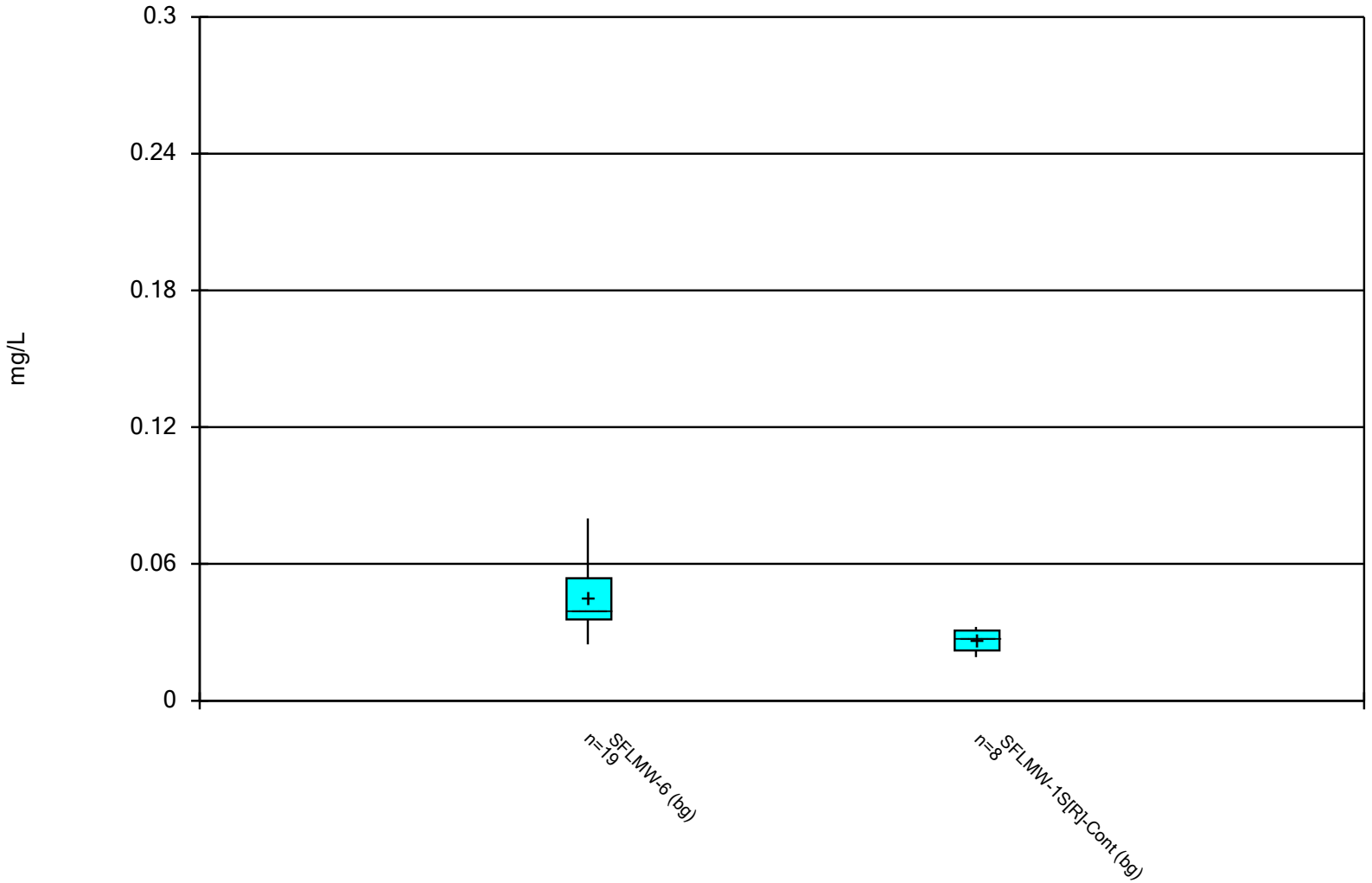


Constituent: Arsenic Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

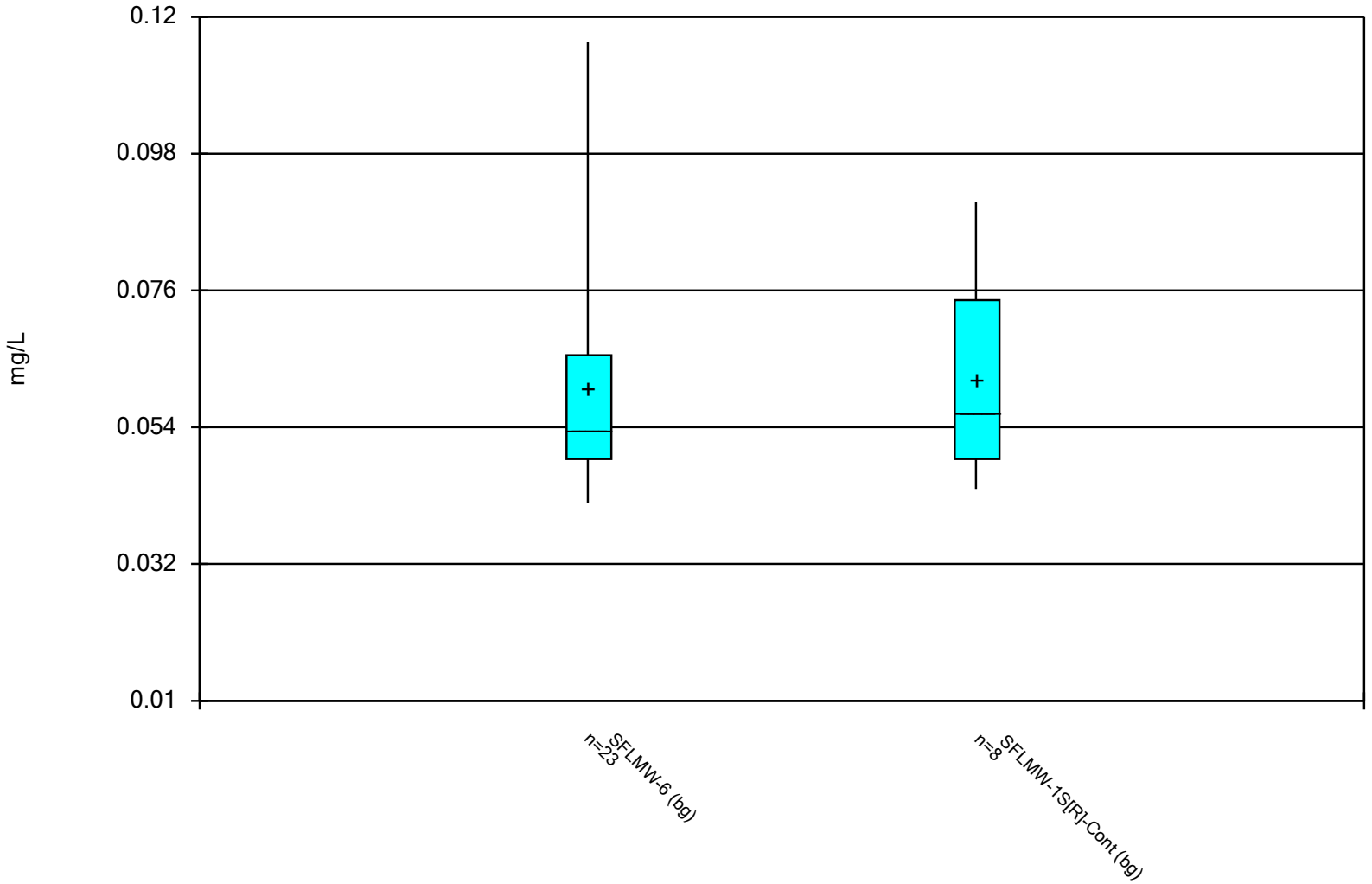


Constituent: Barium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

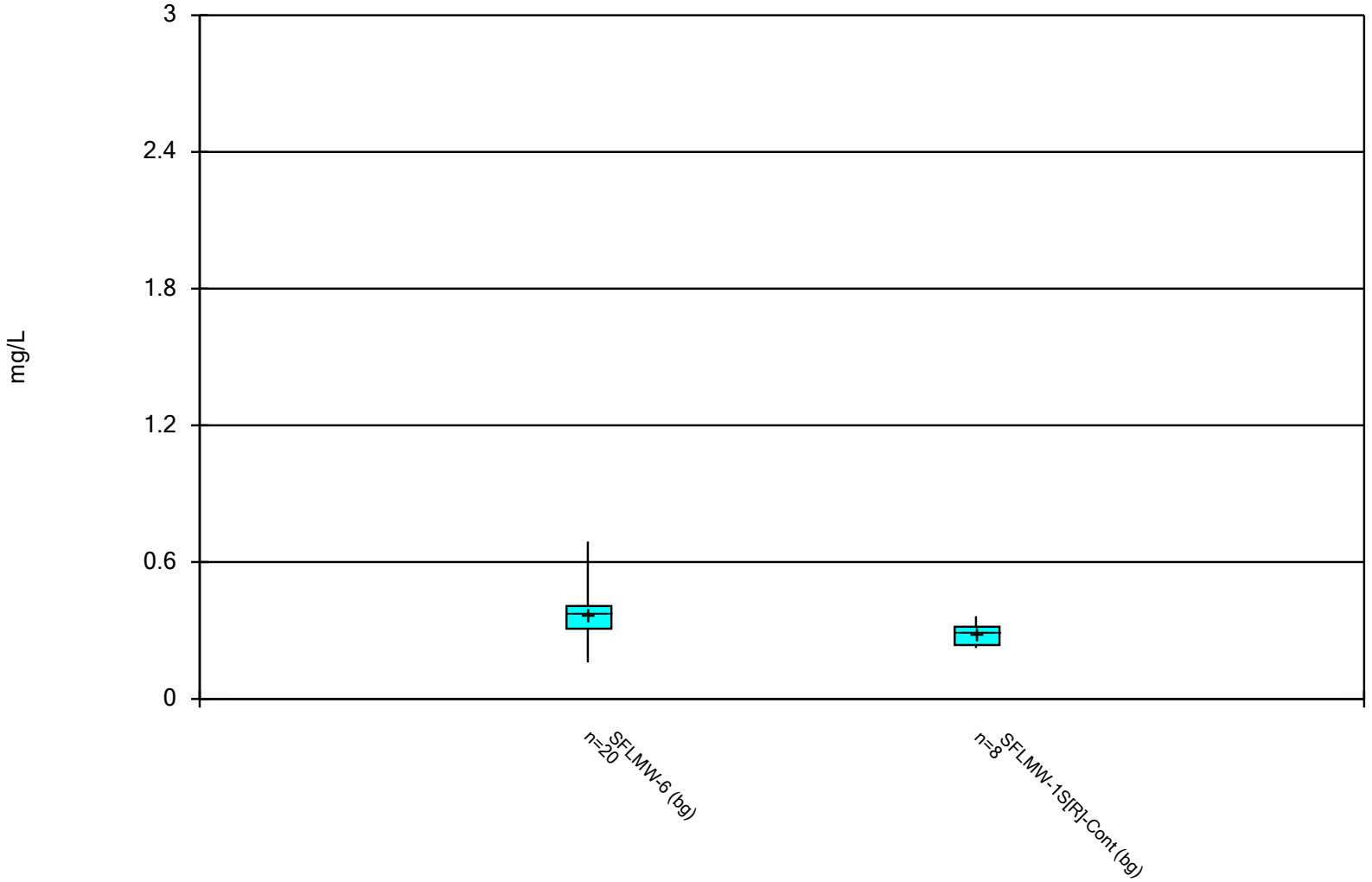


Constituent: Beryllium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

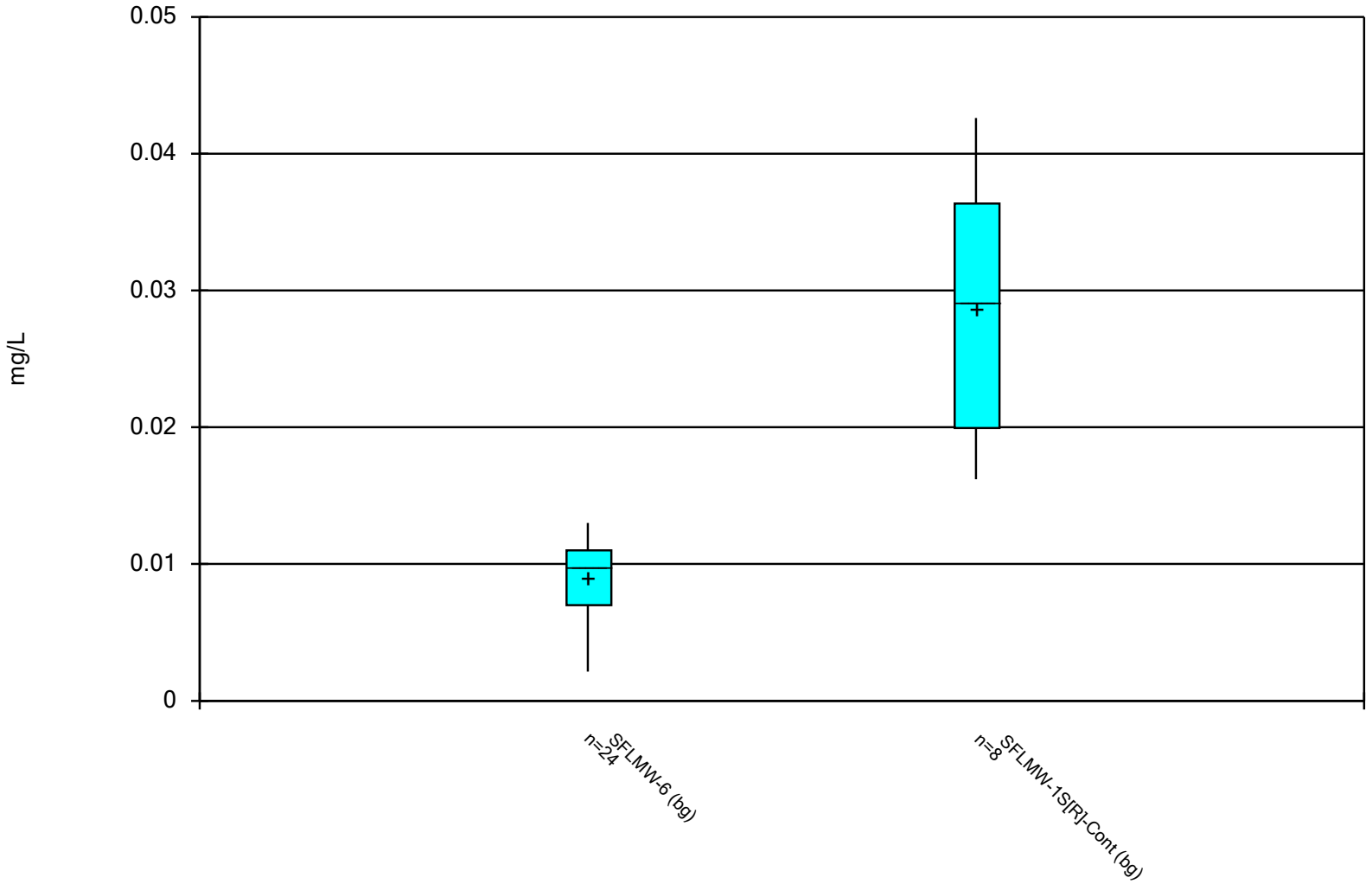


Constituent: Boron Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

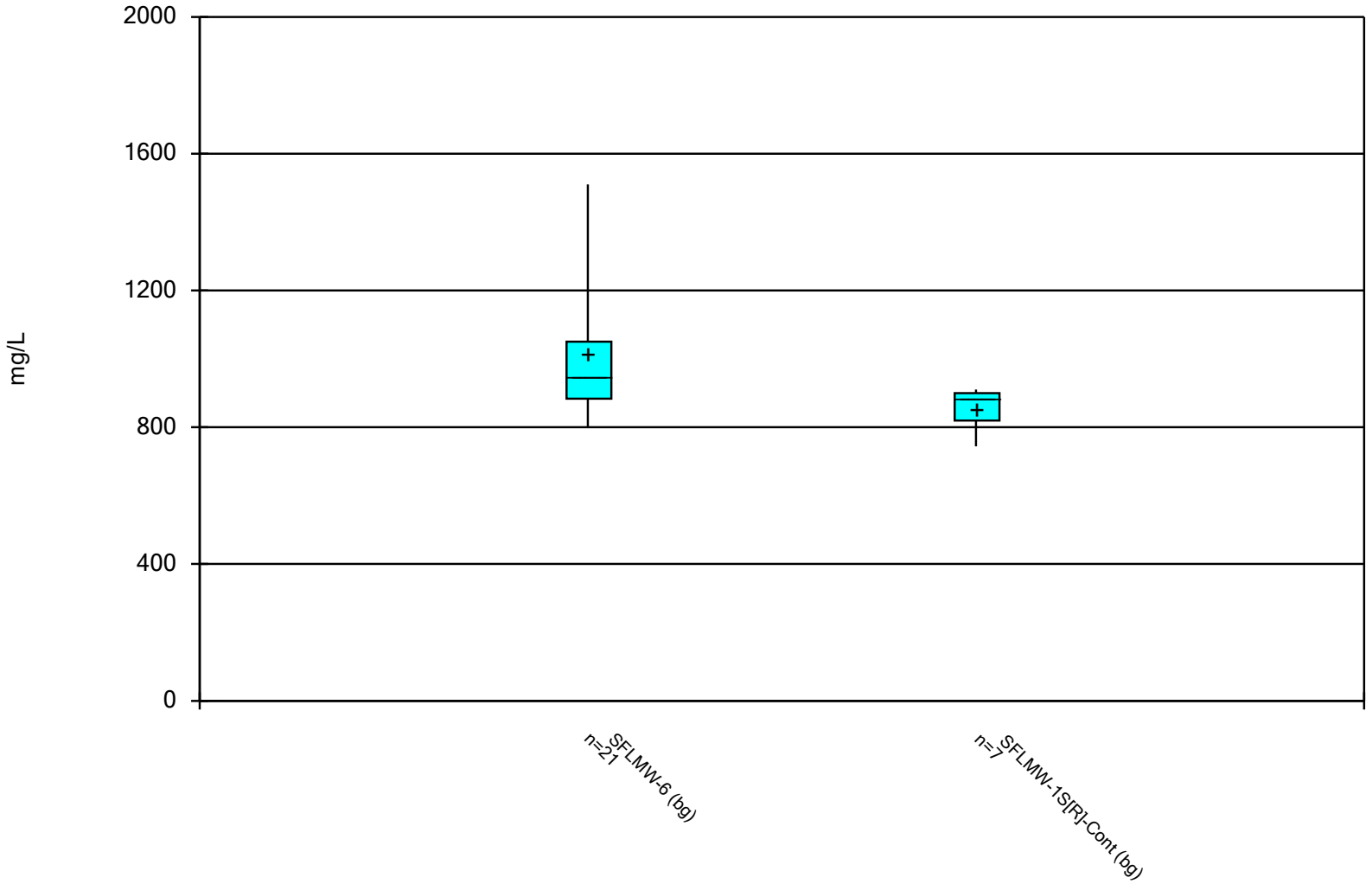


Constituent: Cadmium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

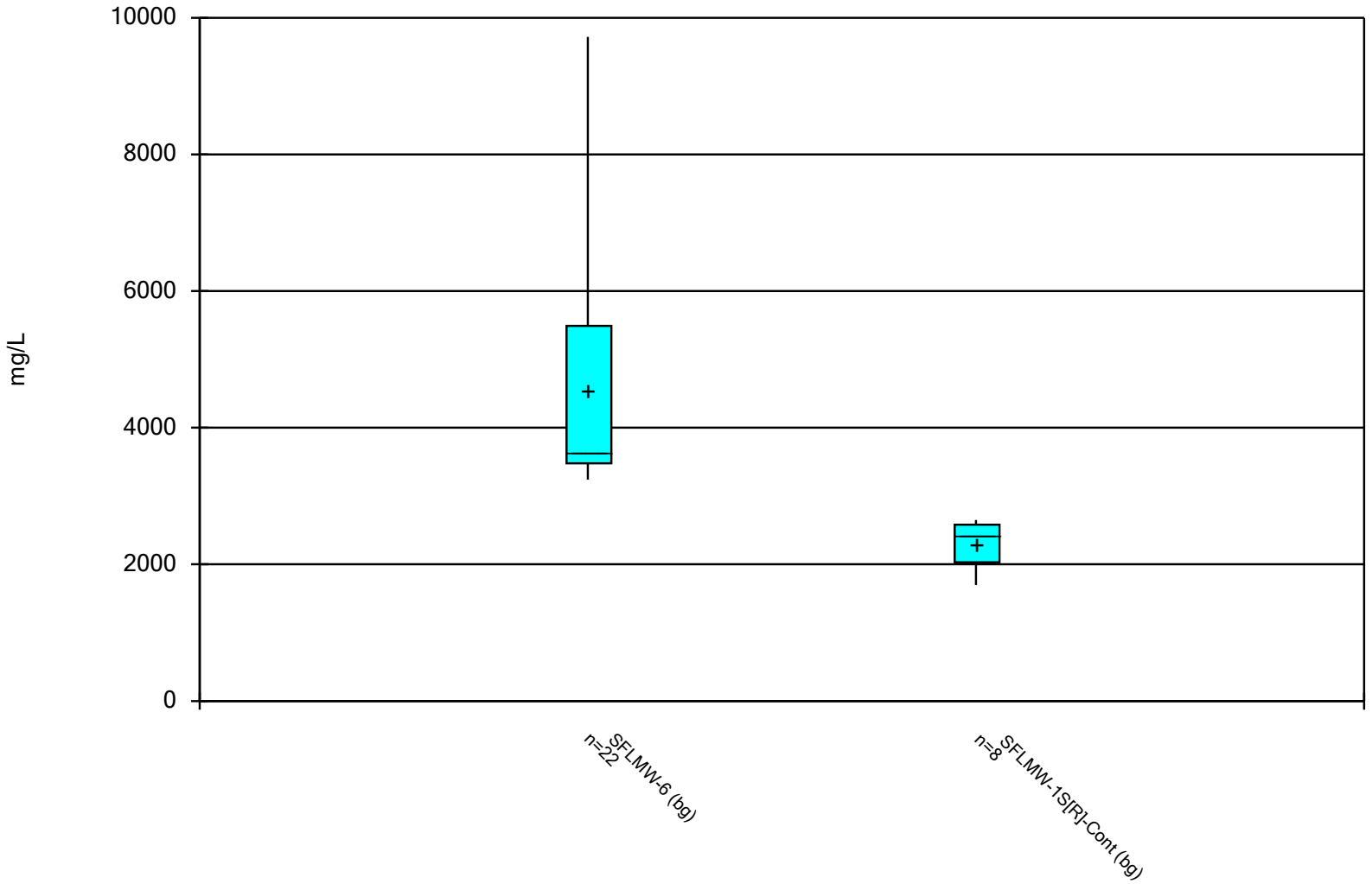


Constituent: Calcium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

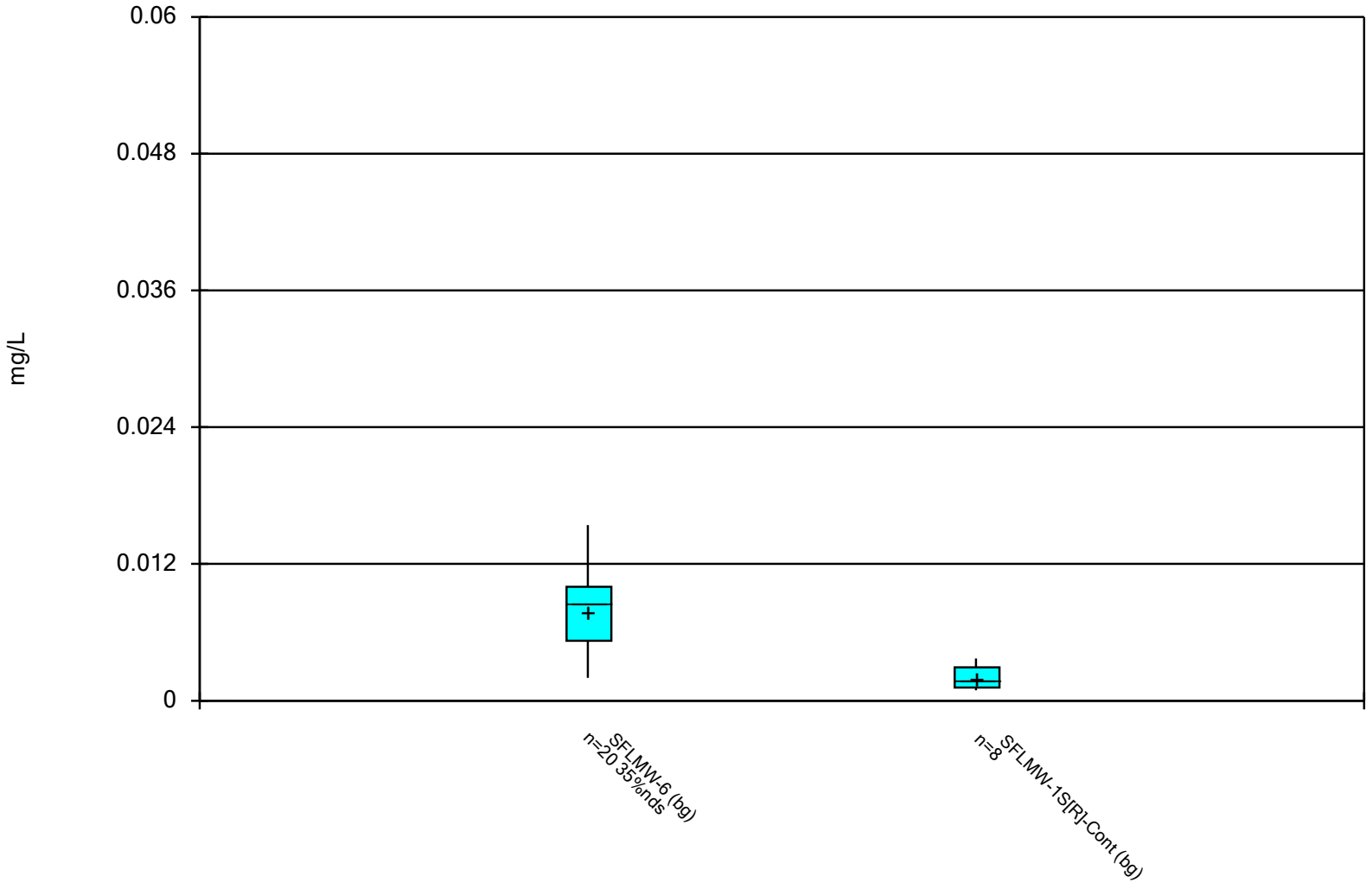


Constituent: Chloride Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

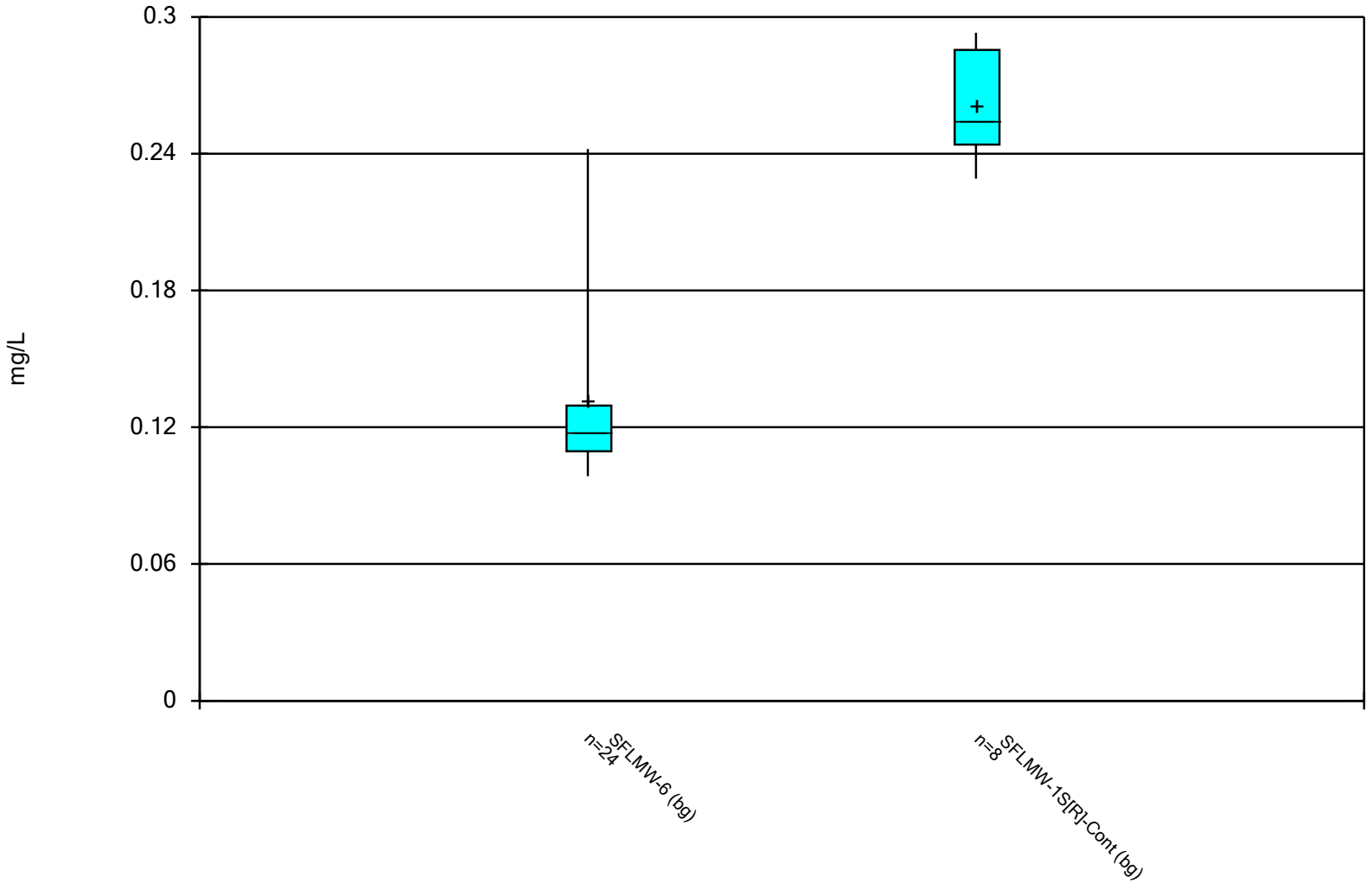


Constituent: Chromium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

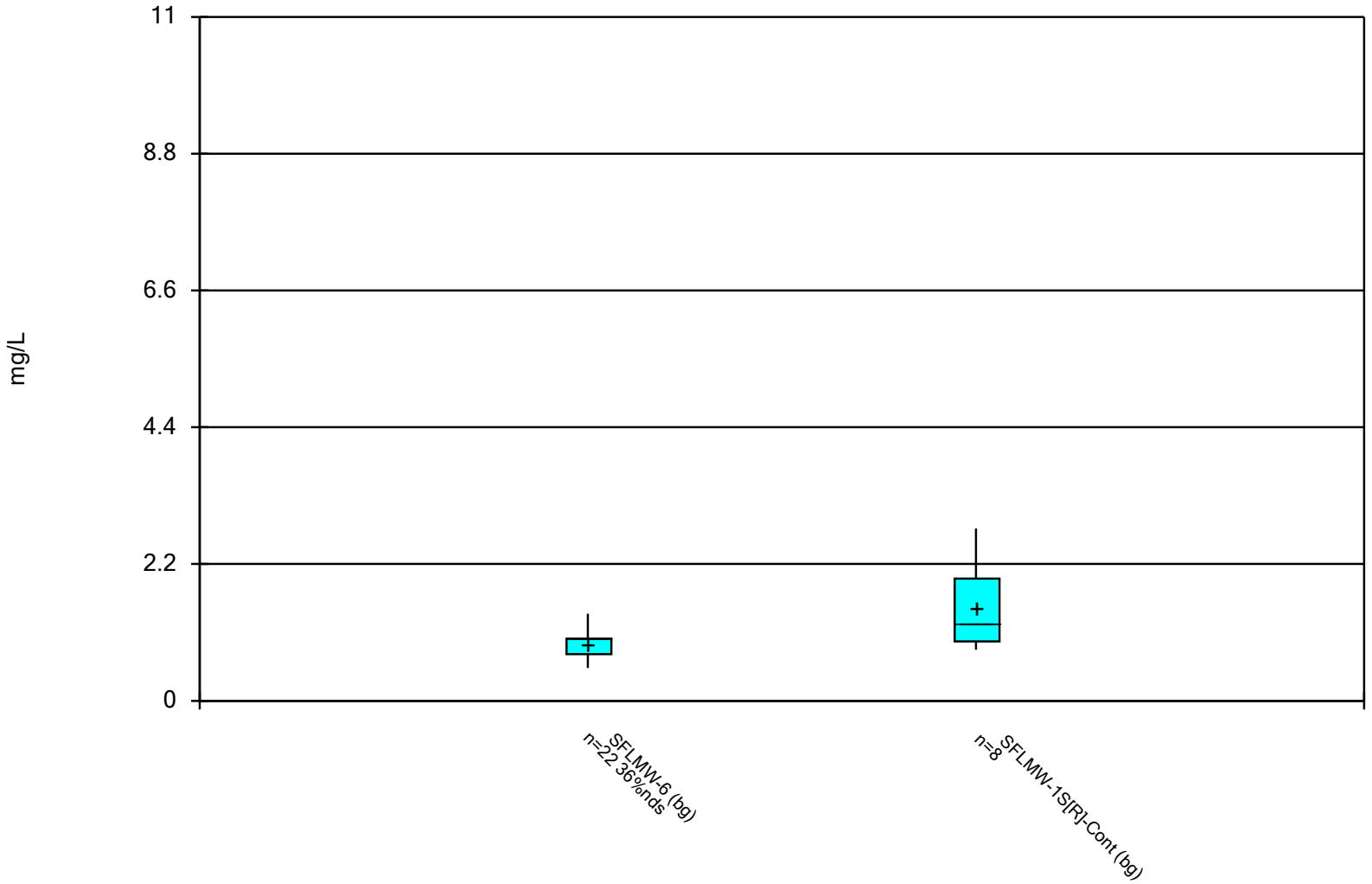


Constituent: Cobalt Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

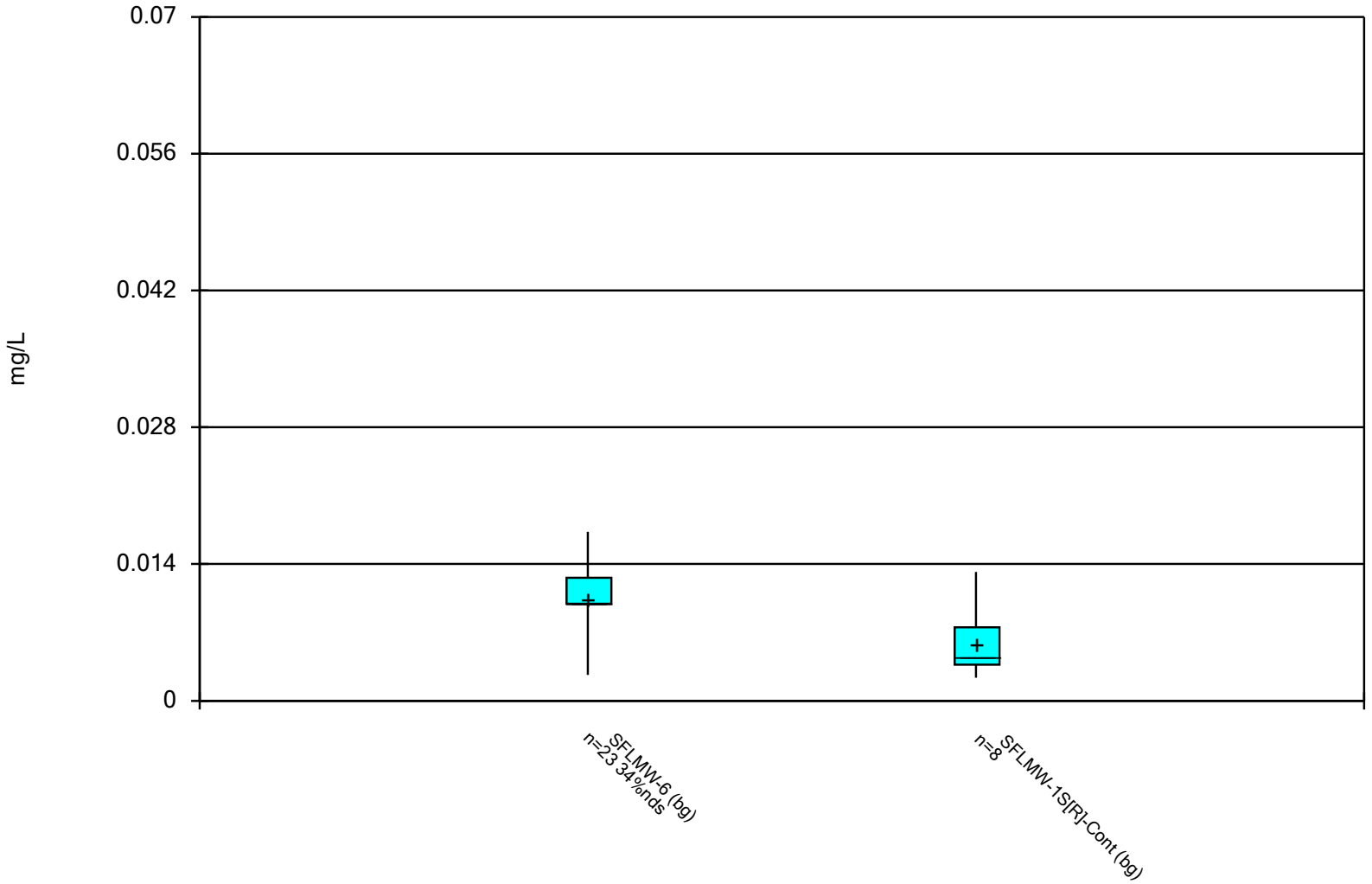


Constituent: Fluoride Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Lead Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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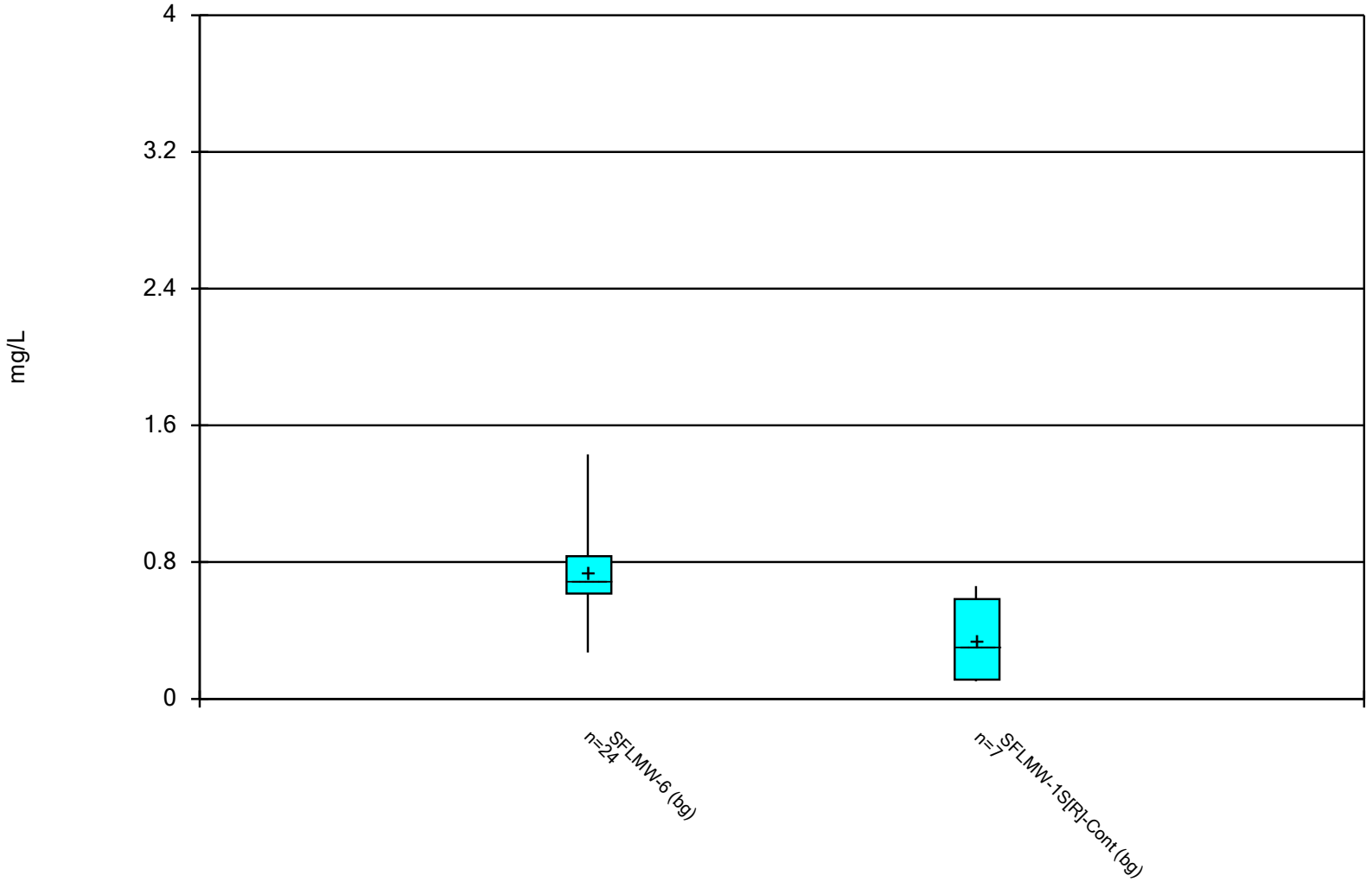
Box & Whiskers Plot

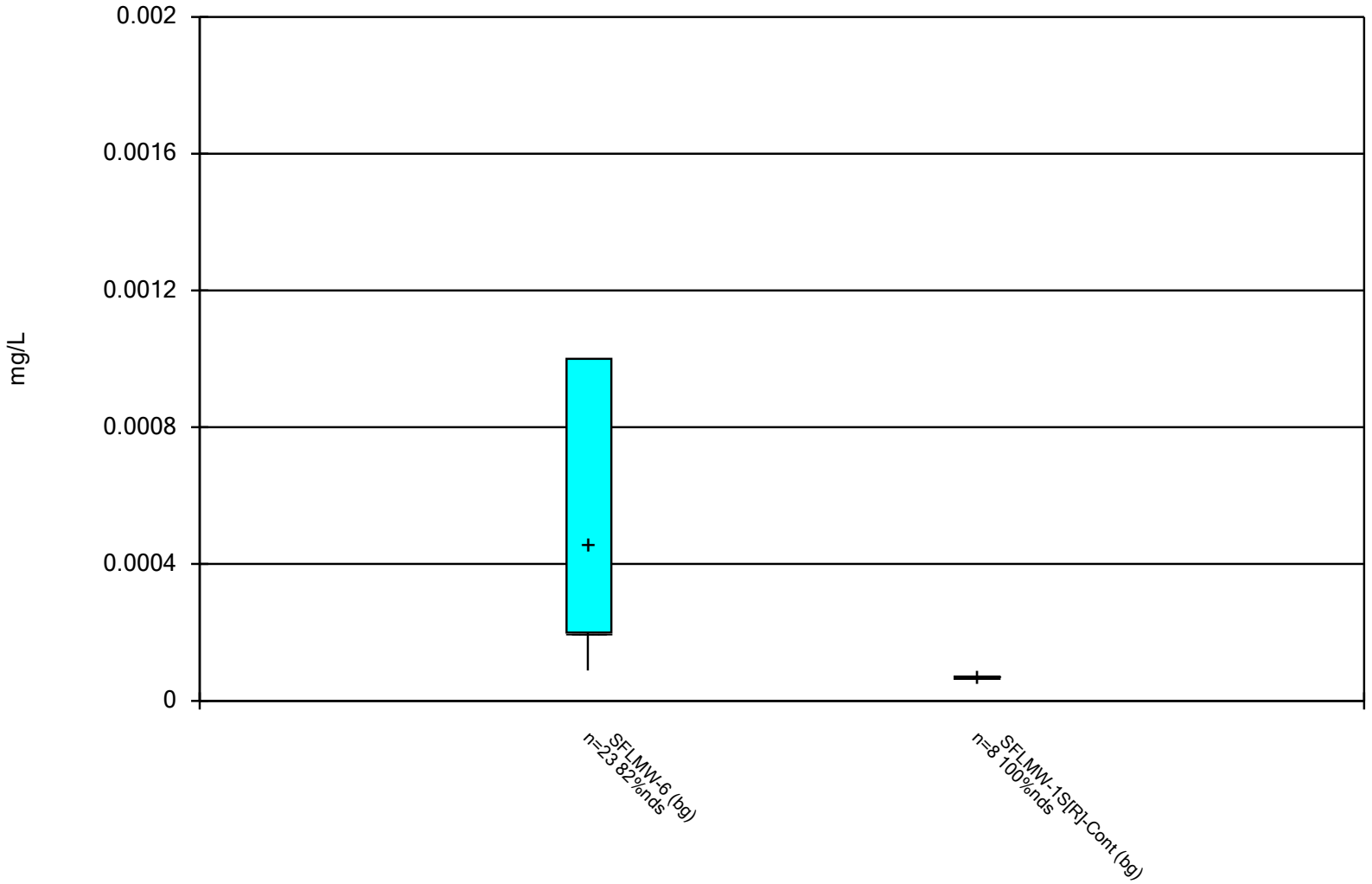


Constituent: Lithium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

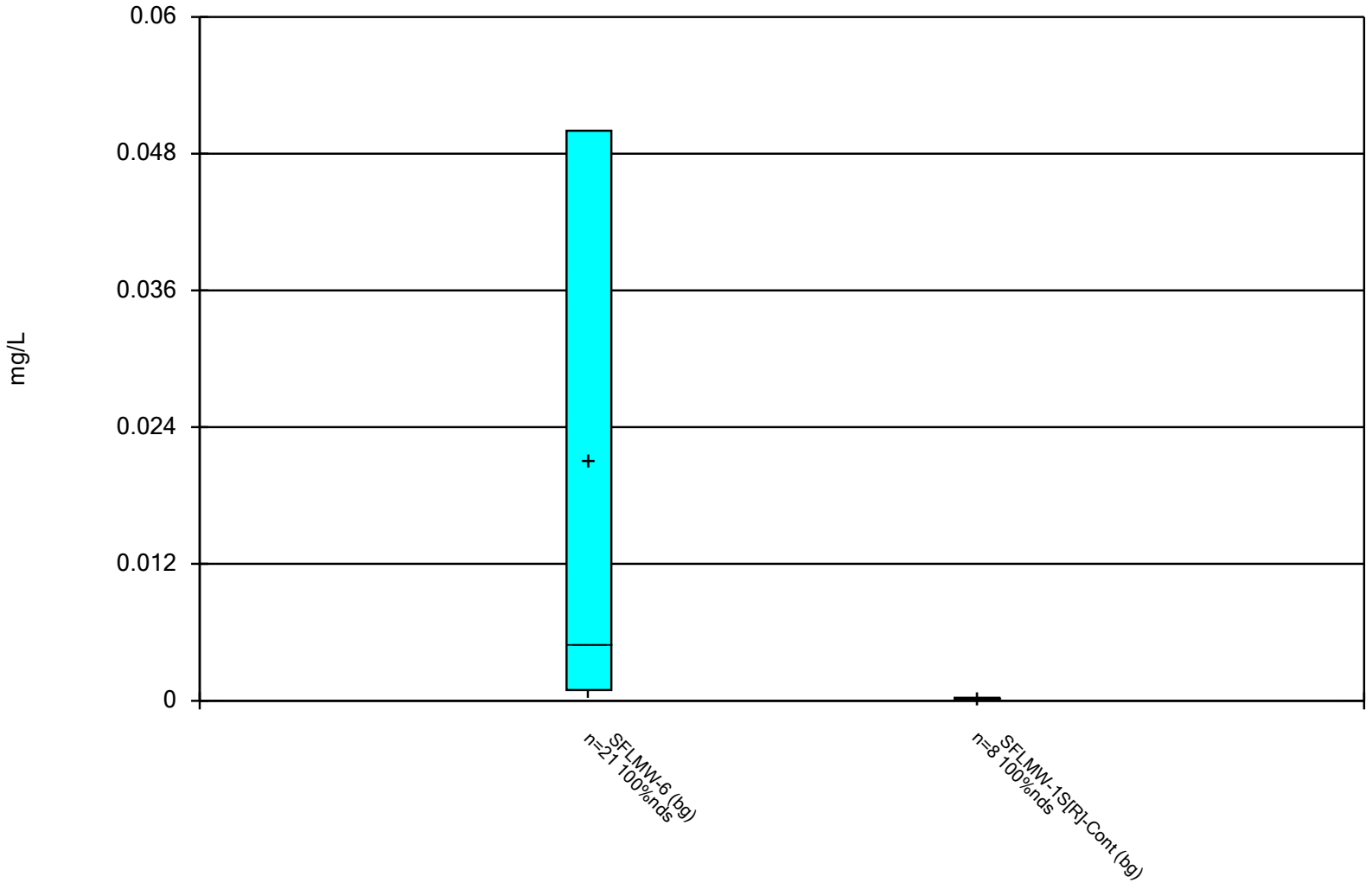


Constituent: Mercury Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

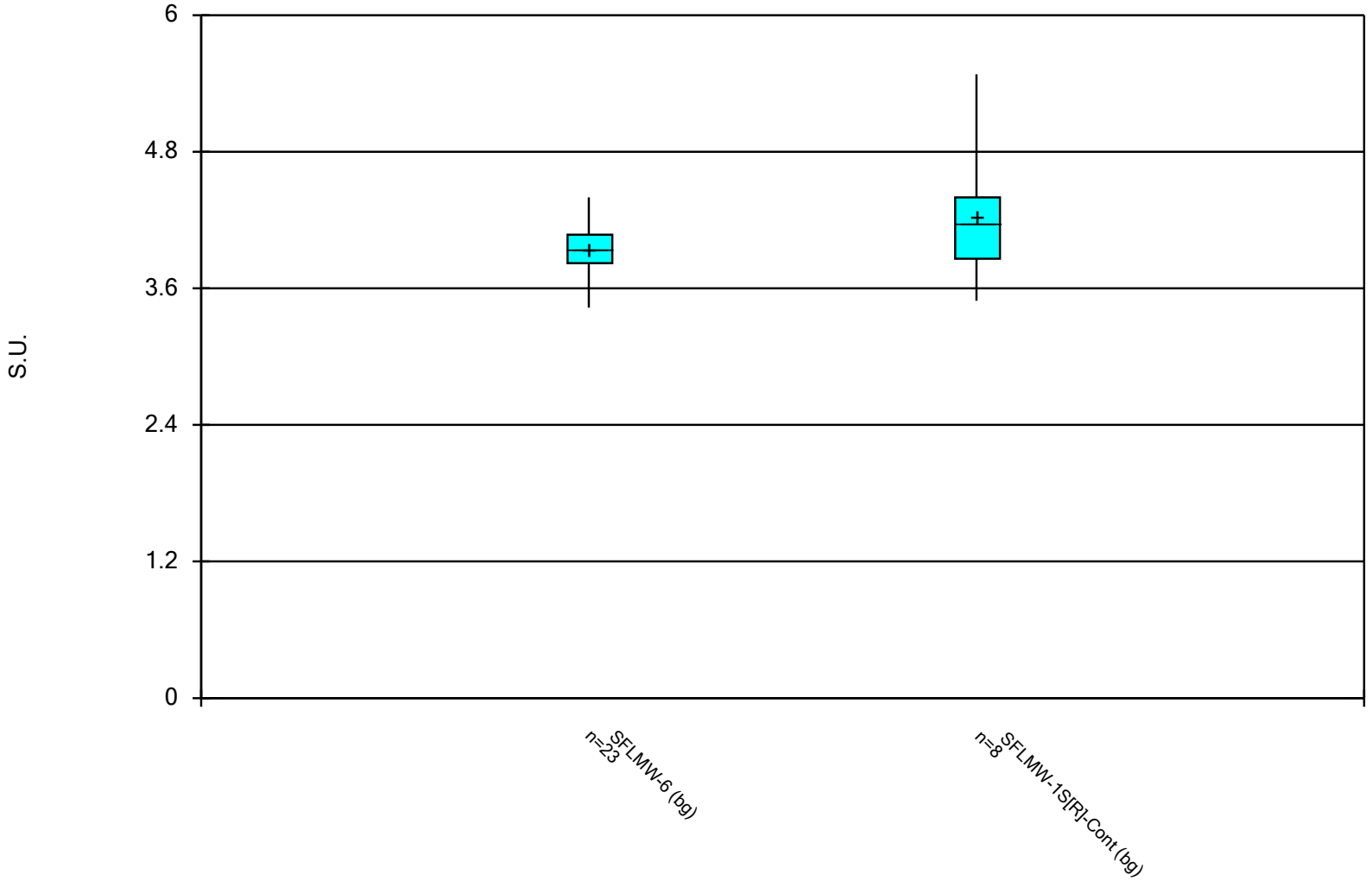


Constituent: Molybdenum Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

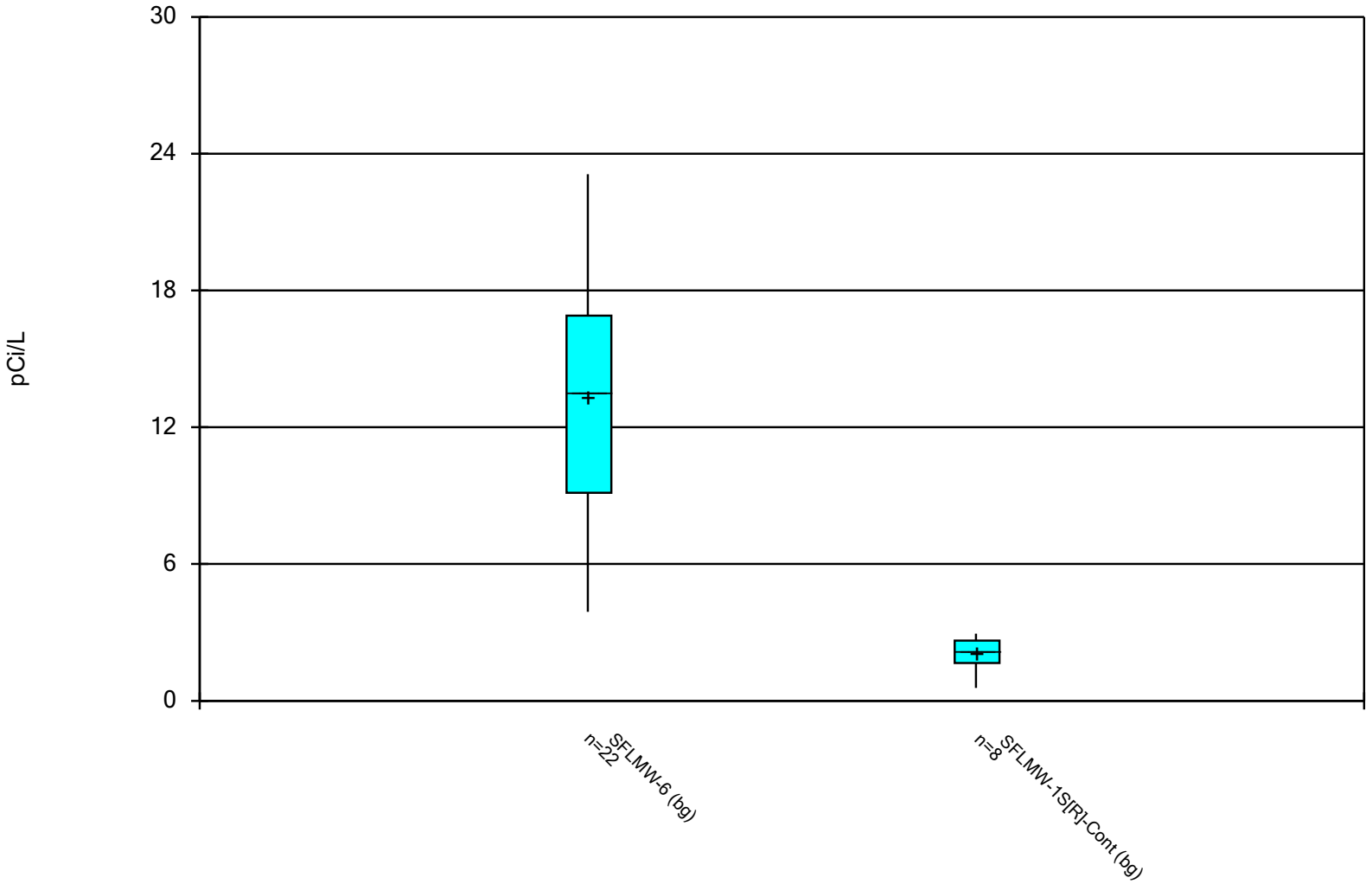


Constituent: pH Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Radium 226 + 228 Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Backgrou

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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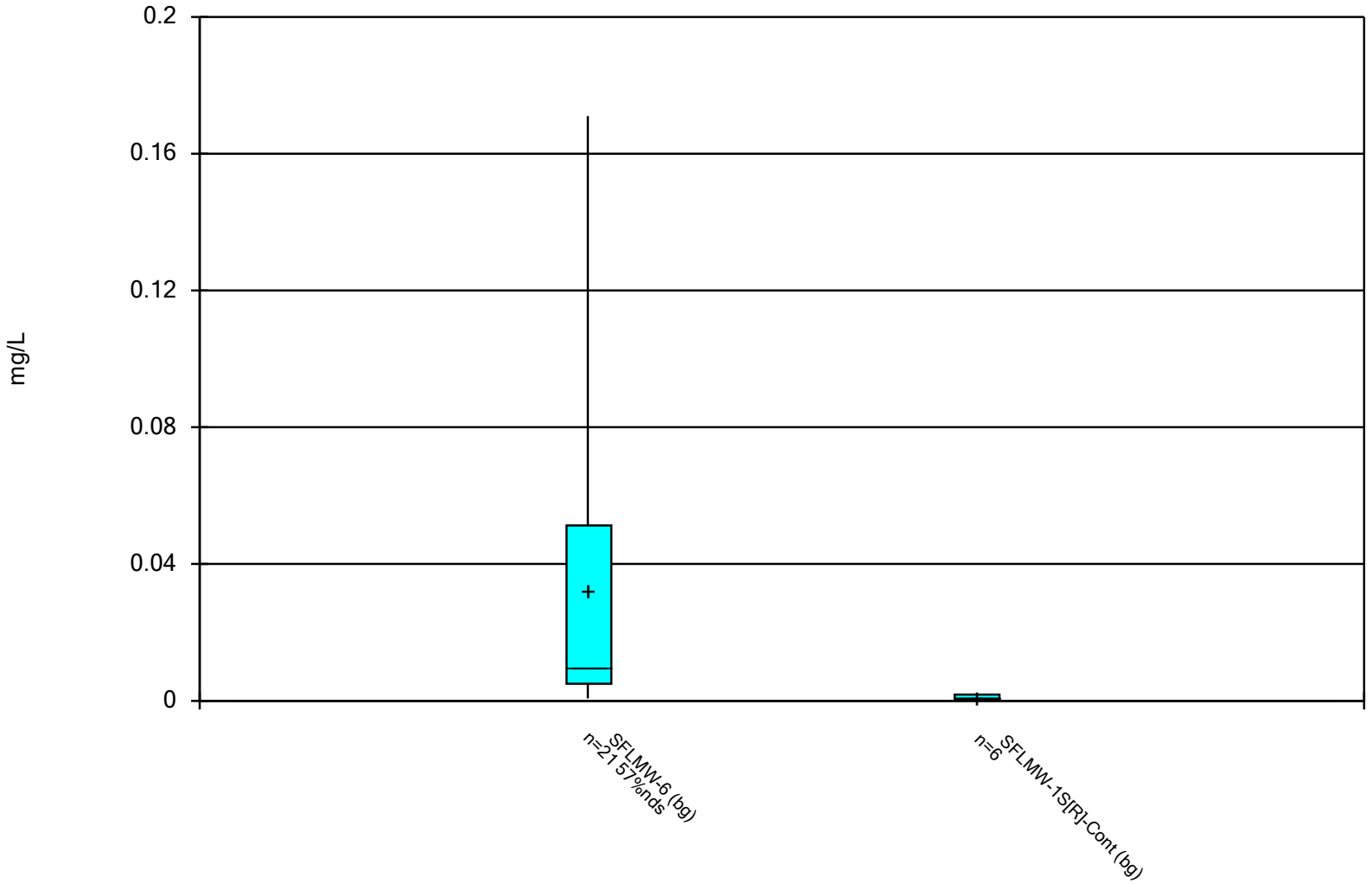
Box & Whiskers Plot



Constituent: Selenium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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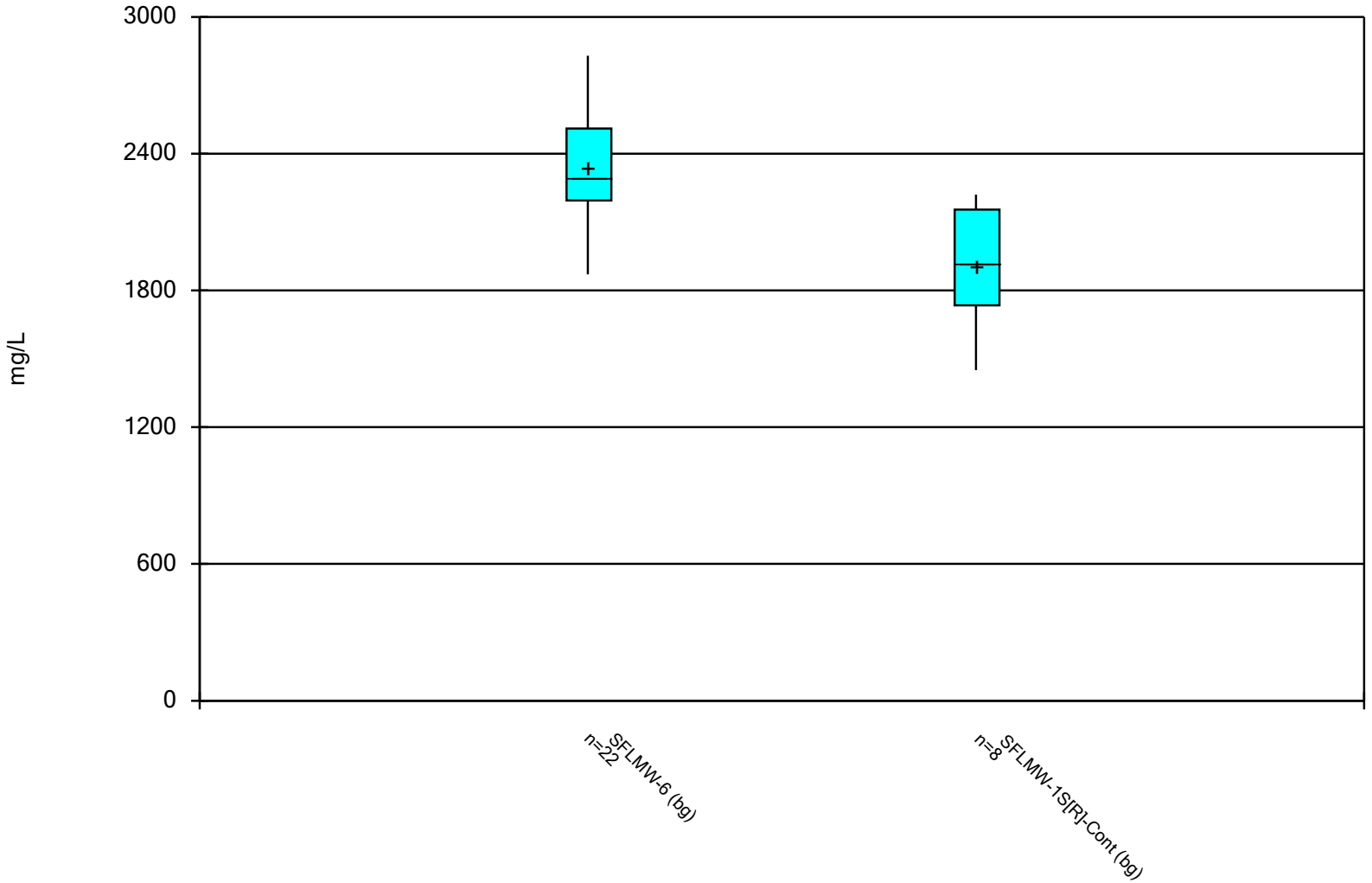
Box & Whiskers Plot

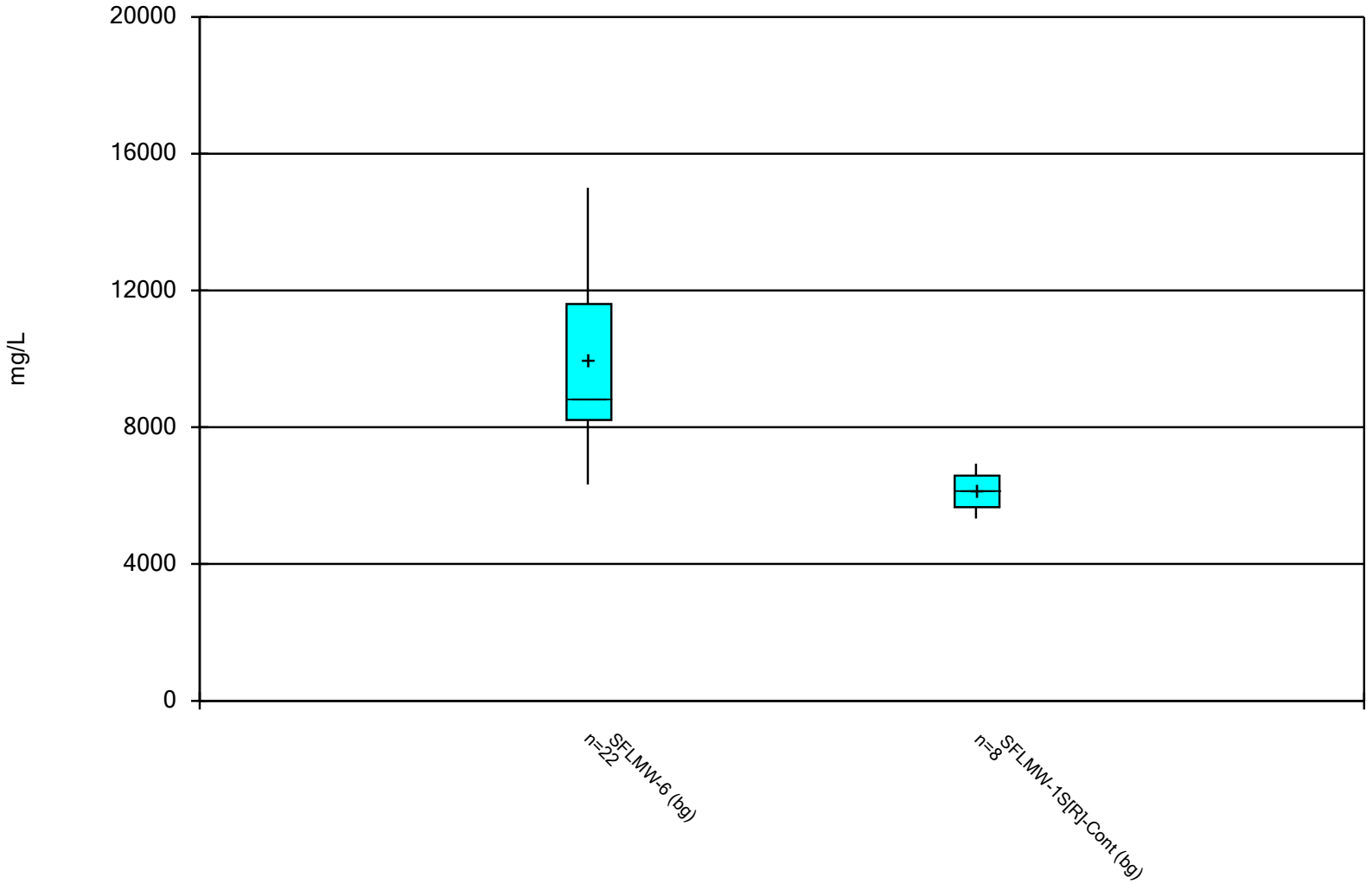


Constituent: Sulfate Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

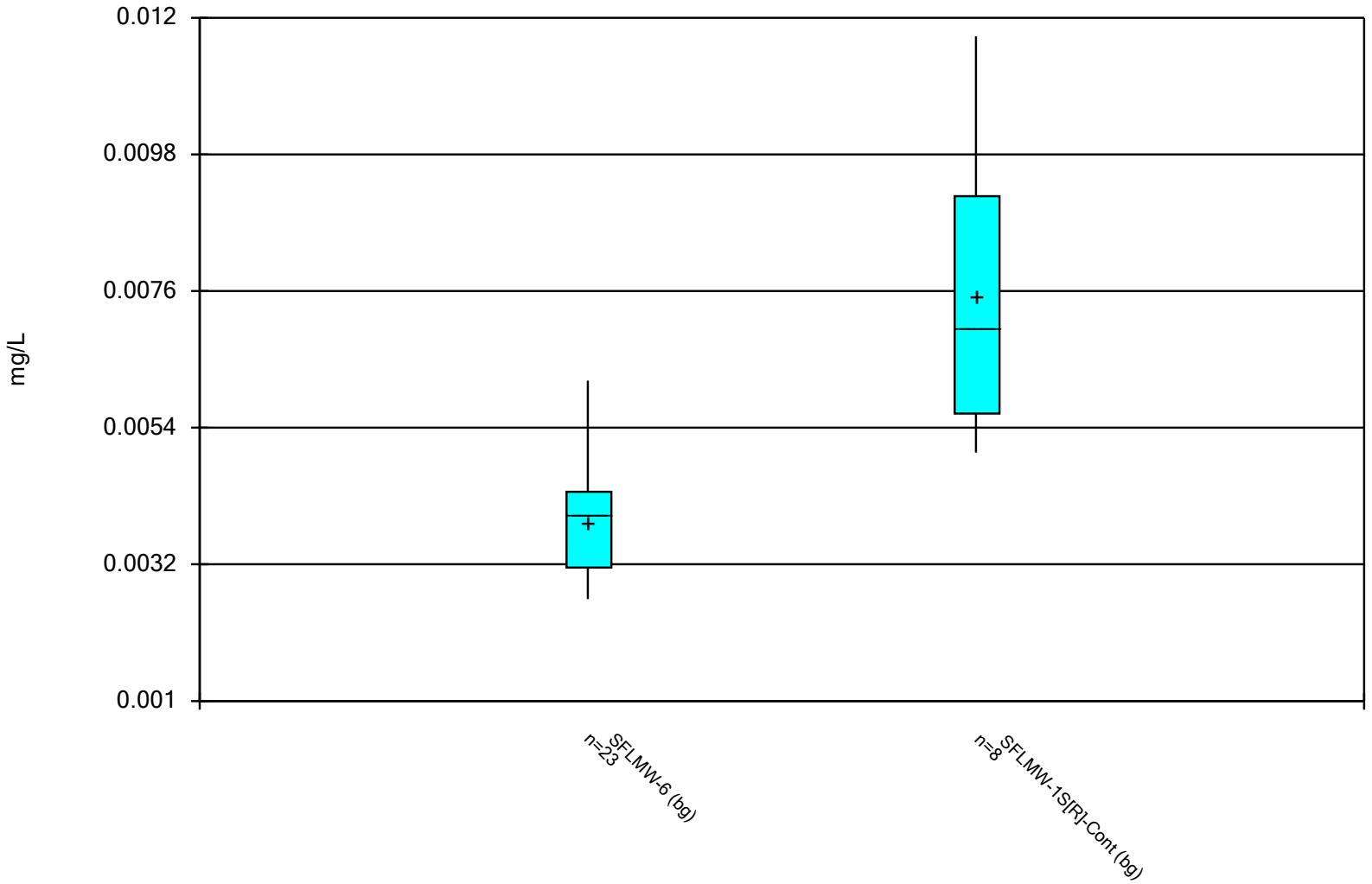


Constituent: TDS Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Thallium Analysis Run 5/16/2026 11:53 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Box & Whiskers Plot

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 11:54 AM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Antimony (mg/L)	SFLMW-6 (bg)	19	0.003448	0.002301	0.0005278	0.002	0.00075	0.006	94.74
Antimony (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.0007563	0.00001768	0.00000625	0.00075	0.00075	0.0008	87.5
Arsenic (mg/L)	SFLMW-6 (bg)	21	0.01915	0.01094	0.002387	0.0165	0.00892	0.045	19.05
Arsenic (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.01293	0.003802	0.001344	0.0138	0.00796	0.018	0
Barium (mg/L)	SFLMW-6 (bg)	19	0.04587	0.01551	0.003558	0.04	0.0247	0.08	0
Barium (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.02664	0.005	0.001768	0.02795	0.0191	0.0324	0
Beryllium (mg/L)	SFLMW-6 (bg)	23	0.06032	0.01872	0.003903	0.0534	0.0418	0.116	0
Beryllium (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.06173	0.01707	0.006034	0.05635	0.0441	0.0903	0
Boron (mg/L)	SFLMW-6 (bg)	20	0.3747	0.1155	0.02582	0.382	0.16	0.69	0
Boron (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.2843	0.04897	0.01732	0.292	0.223	0.363	0
Cadmium (mg/L)	SFLMW-6 (bg)	24	0.00892	0.002936	0.0005994	0.009775	0.00213	0.013	0
Cadmium (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.02871	0.009999	0.003535	0.02915	0.0162	0.0426	0
Calcium (mg/L)	SFLMW-6 (bg)	21	1016	209.1	45.62	950	800	1510	0
Calcium (mg/L)	SFLMW-1S[R]-Cont (bg	7	855.6	59.08	22.33	885	744	910	0
Chloride (mg/L)	SFLMW-6 (bg)	22	4545	1780	379.4	3655	3240	9720	0
Chloride (mg/L)	SFLMW-1S[R]-Cont (bg	8	2300	351.7	124.3	2415	1700	2650	0
Chromium (mg/L)	SFLMW-6 (bg)	20	0.007832	0.003307	0.0007395	0.00846	0.002	0.0154	35
Chromium (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.002052	0.001044	0.000369	0.00179	0.000919	0.00371	0
Cobalt (mg/L)	SFLMW-6 (bg)	24	0.1321	0.04245	0.008664	0.1175	0.0985	0.242	0
Cobalt (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.2613	0.02424	0.008571	0.2545	0.229	0.293	0
Fluoride (mg/L)	SFLMW-6 (bg)	22	0.9004	0.1993	0.04249	1	0.527	1.4	36.36
Fluoride (mg/L)	SFLMW-1S[R]-Cont (bg	8	1.494	0.7045	0.2491	1.26	0.821	2.77	0
Lead (mg/L)	SFLMW-6 (bg)	23	0.01035	0.003764	0.0007848	0.01	0.00264	0.0173	34.78
Lead (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.005864	0.003691	0.001305	0.00444	0.00238	0.0132	0
Lithium (mg/L)	SFLMW-6 (bg)	24	0.7473	0.2504	0.05111	0.6995	0.271	1.43	0
Lithium (mg/L)	SFLMW-1S[R]-Cont (bg	7	0.347	0.2135	0.08069	0.307	0.103	0.66	0
Mercury (mg/L)	SFLMW-6 (bg)	23	0.0004601	0.0004048	0.0000844	0.0002	0.000089	0.001	82.61
Mercury (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.0000706	0	0	0.000...	0.000...	0.000...	100
Molybdenum (mg/L)	SFLMW-6 (bg)	21	0.02101	0.02342	0.00511	0.005	0.000255	0.05	100
Molybdenum (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.000255	0	0	0.000255	0.000255	0.000255	100
pH (S.U.)	SFLMW-6 (bg)	23	3.949	0.1935	0.04035	3.94	3.43	4.4	0
pH (S.U.)	SFLMW-1S[R]-Cont (bg	8	4.23	0.6111	0.2161	4.175	3.49	5.48	0
Radium 226 + 228 (pCi/L)	SFLMW-6 (bg)	22	13.4	4.928	1.051	13.55	3.9	23.1	0
Radium 226 + 228 (pCi/L)	SFLMW-1S[R]-Cont (bg	8	2.076	0.7779	0.275	2.235	0.569	2.95	0
Selenium (mg/L)	SFLMW-6 (bg)	21	0.03228	0.04639	0.01012	0.01	0.000739	0.171	57.14
Selenium (mg/L)	SFLMW-1S[R]-Cont (bg	6	0.001124	0.0005861	0.0002393	0.000883	0.000612	0.0021	0
Sulfate (mg/L)	SFLMW-6 (bg)	22	2337	212	45.21	2295	1870	2830	0
Sulfate (mg/L)	SFLMW-1S[R]-Cont (bg	8	1910	271.2	95.88	1915	1450	2220	0
TDS (mg/L)	SFLMW-6 (bg)	22	9949	2516	536.3	8850	6330	15000	0
TDS (mg/L)	SFLMW-1S[R]-Cont (bg	8	6136	566.8	200.4	6165	5330	6930	0
Thallium (mg/L)	SFLMW-6 (bg)	23	0.00388	0.000861	0.0001795	0.004	0.00264	0.00616	0
Thallium (mg/L)	SFLMW-1S[R]-Cont (bg	8	0.007528	0.002401	0.0008488	0.007005	0.005	0.0117	0

SFL CCR Unit - Deeper

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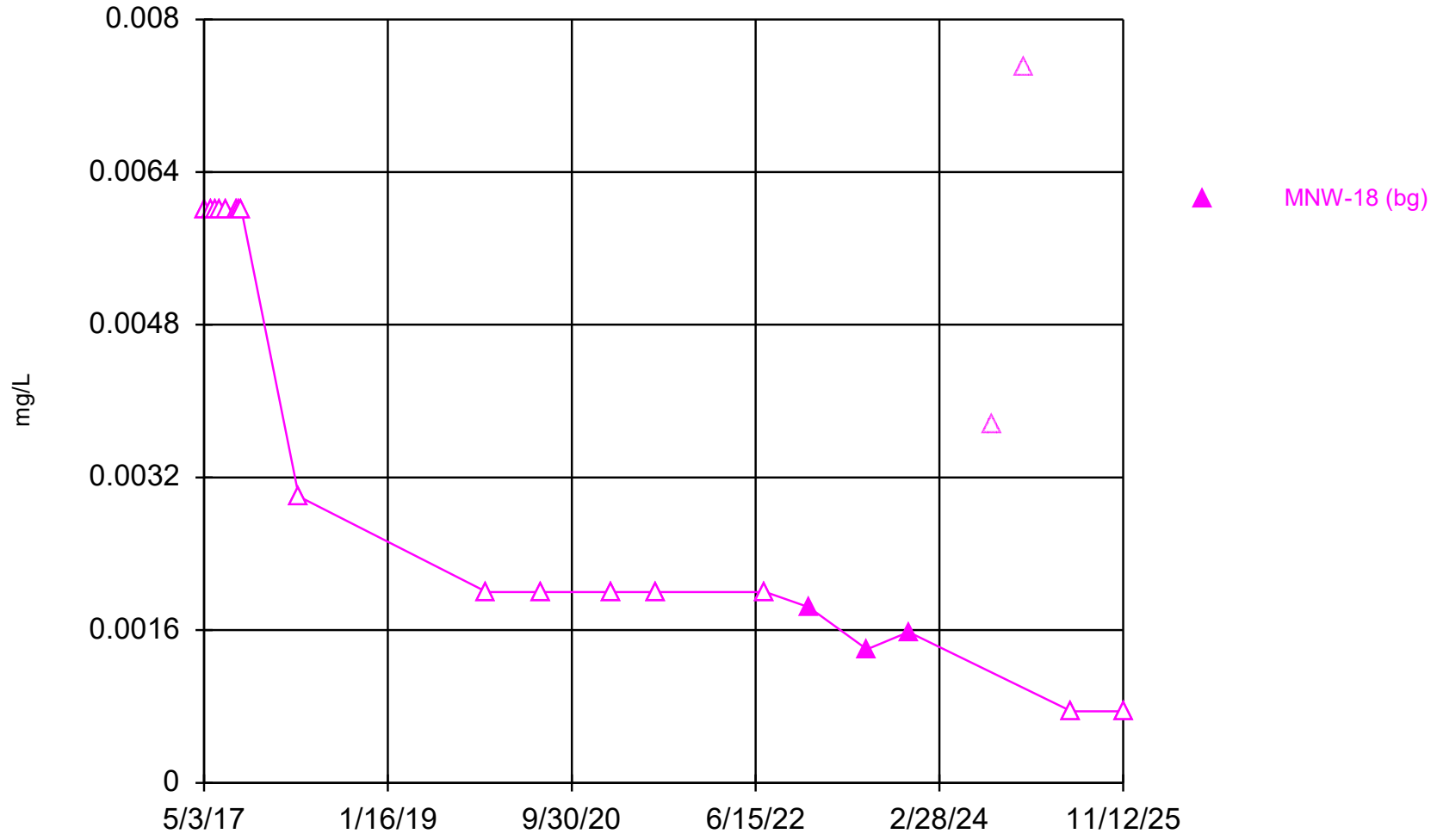
Time Series



Constituent: Antimony Analysis Run 5/16/2026 11:58 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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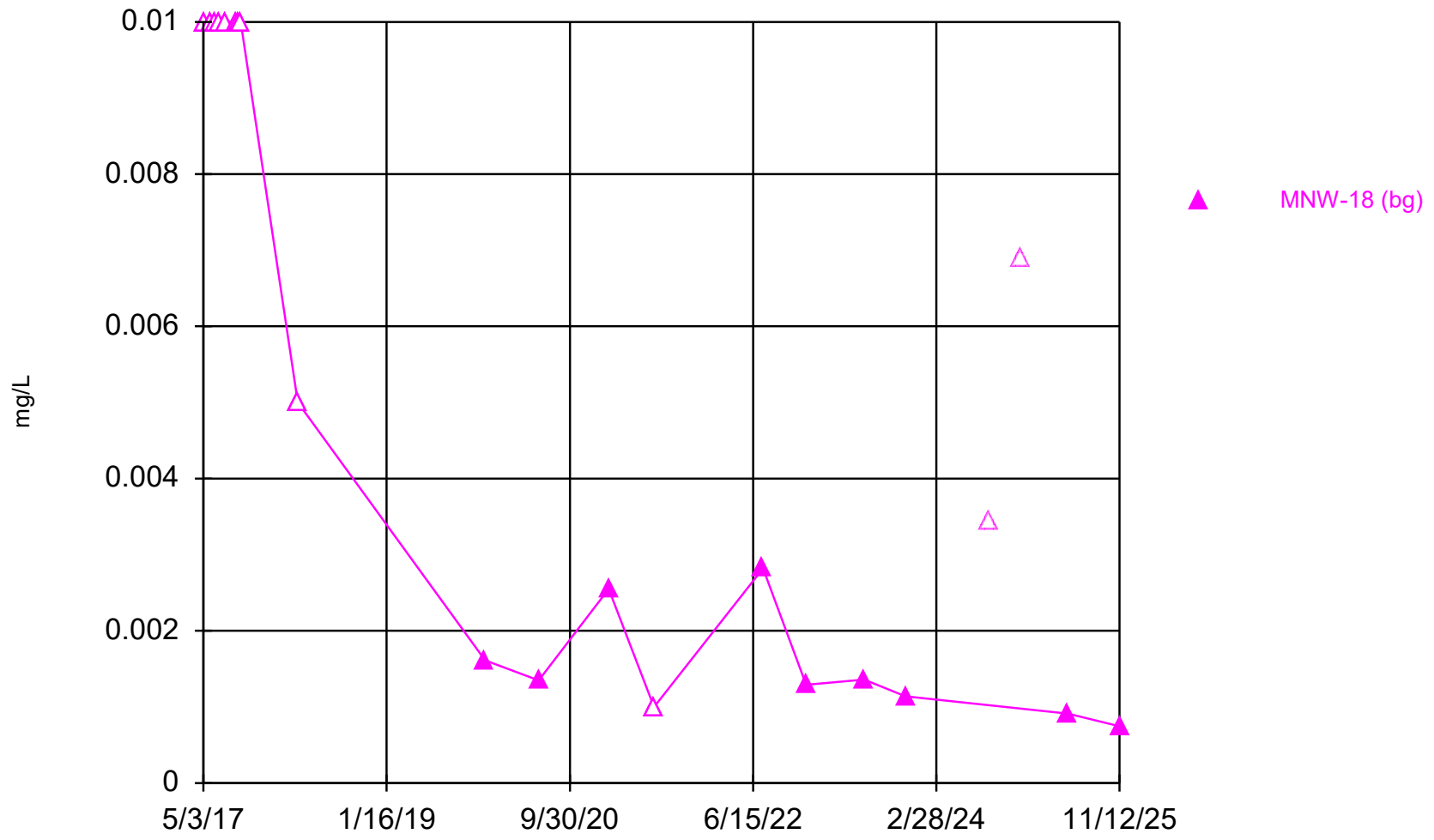
Time Series



Constituent: Arsenic Analysis Run 5/16/2026 11:58 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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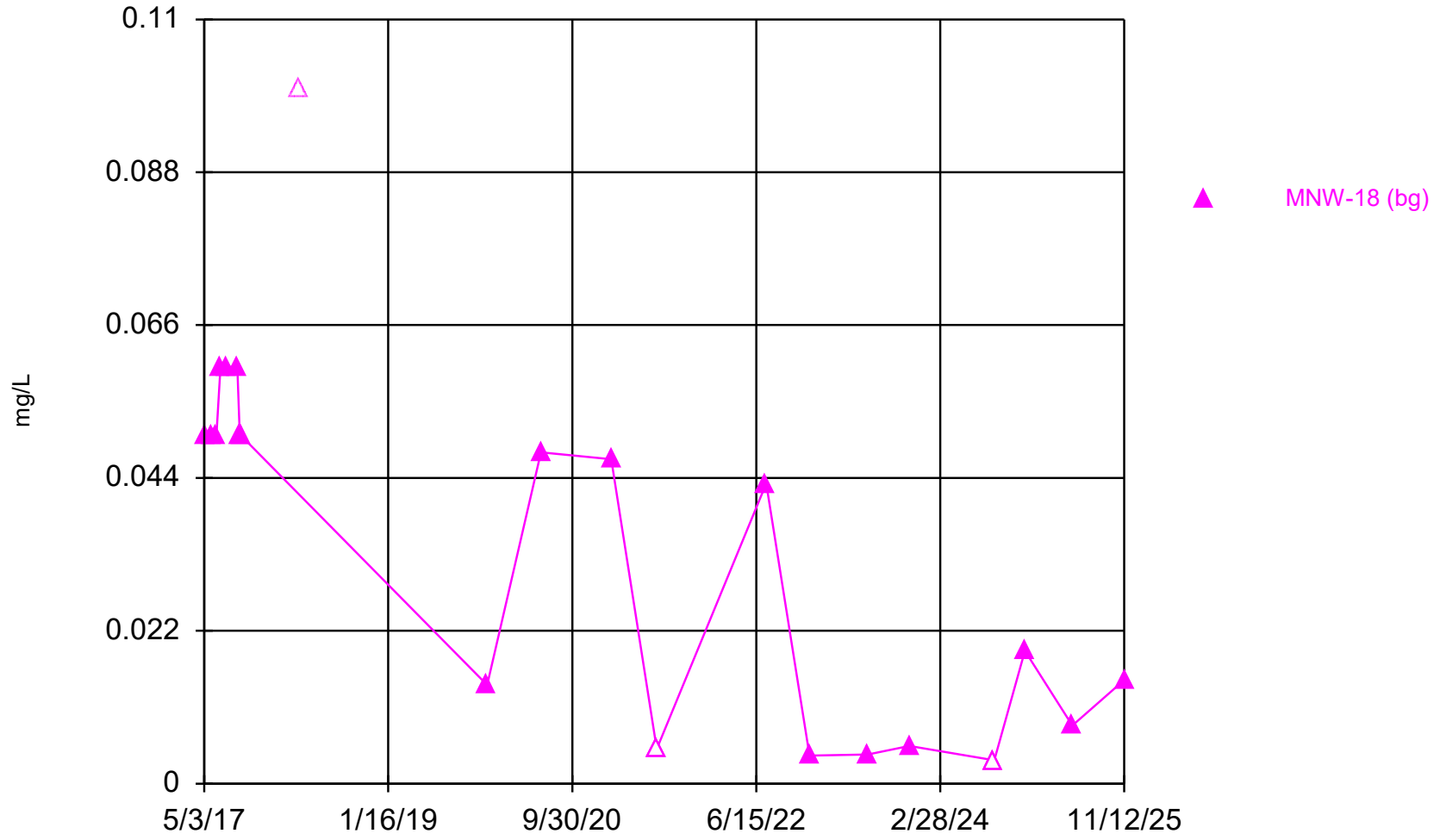
Time Series



Constituent: Barium Analysis Run 5/16/2026 11:58 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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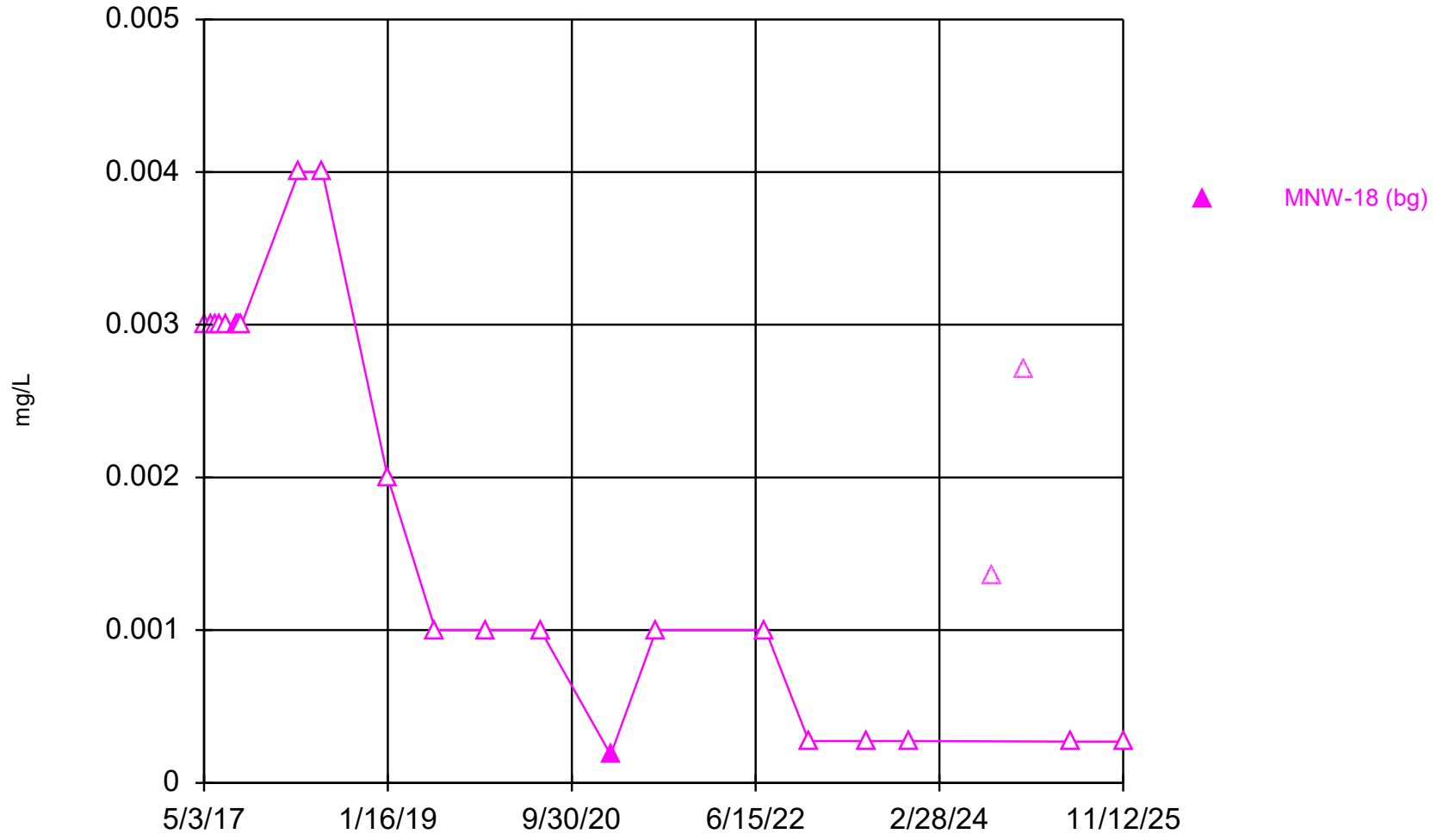
Time Series



Constituent: Beryllium Analysis Run 5/16/2026 11:58 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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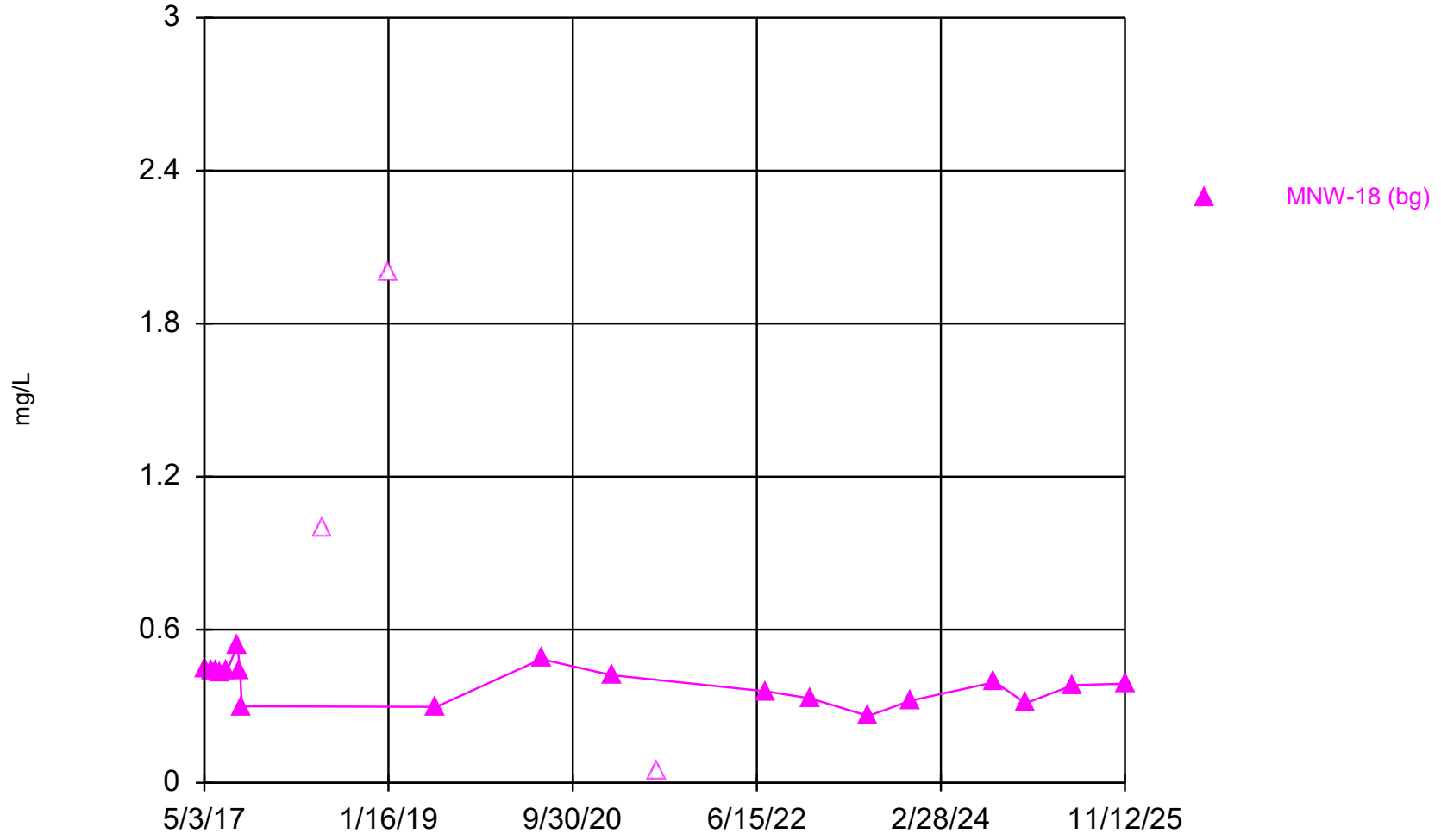
Time Series



Constituent: Boron Analysis Run 5/16/2026 11:58 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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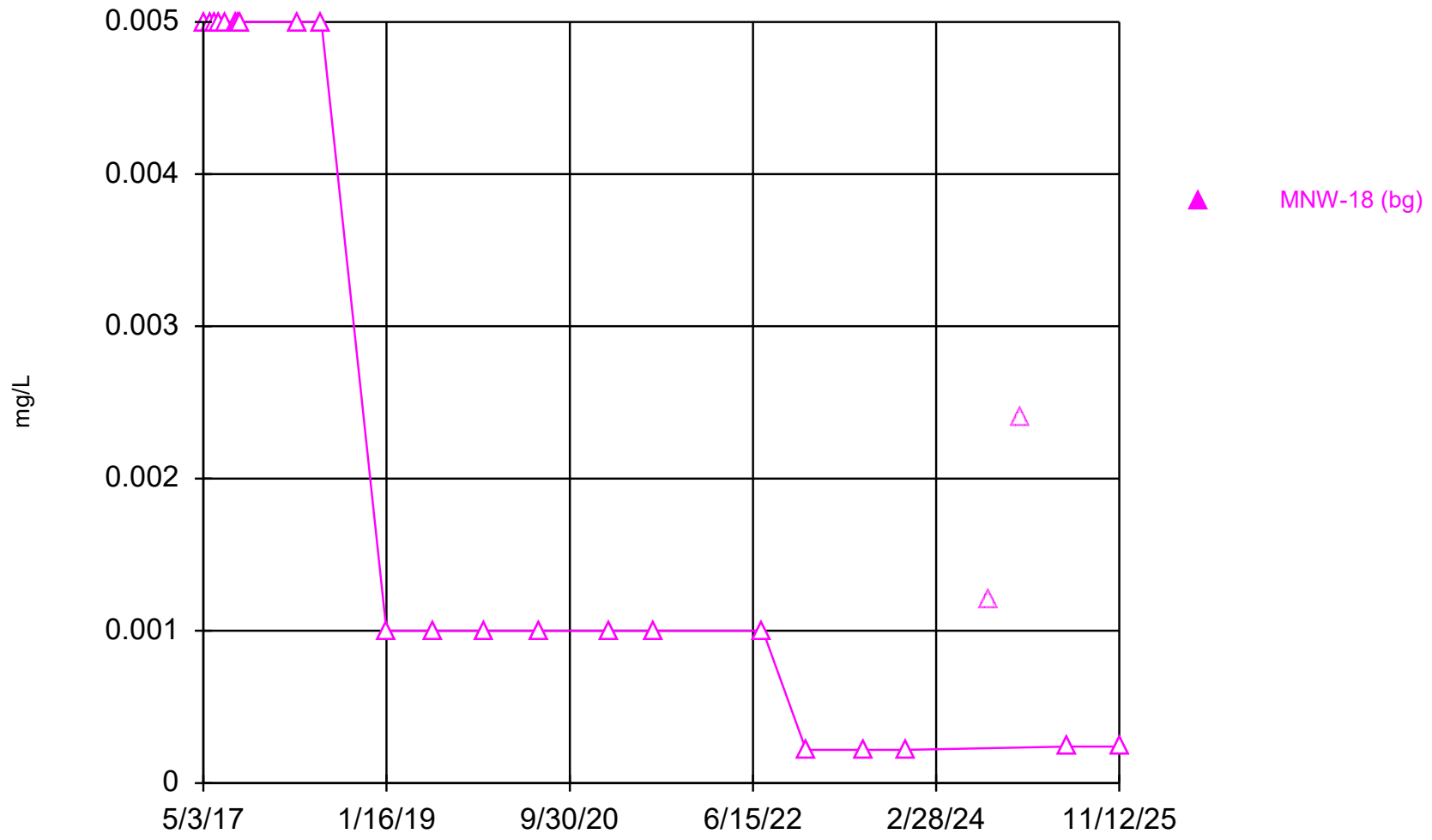
Time Series



Constituent: Cadmium Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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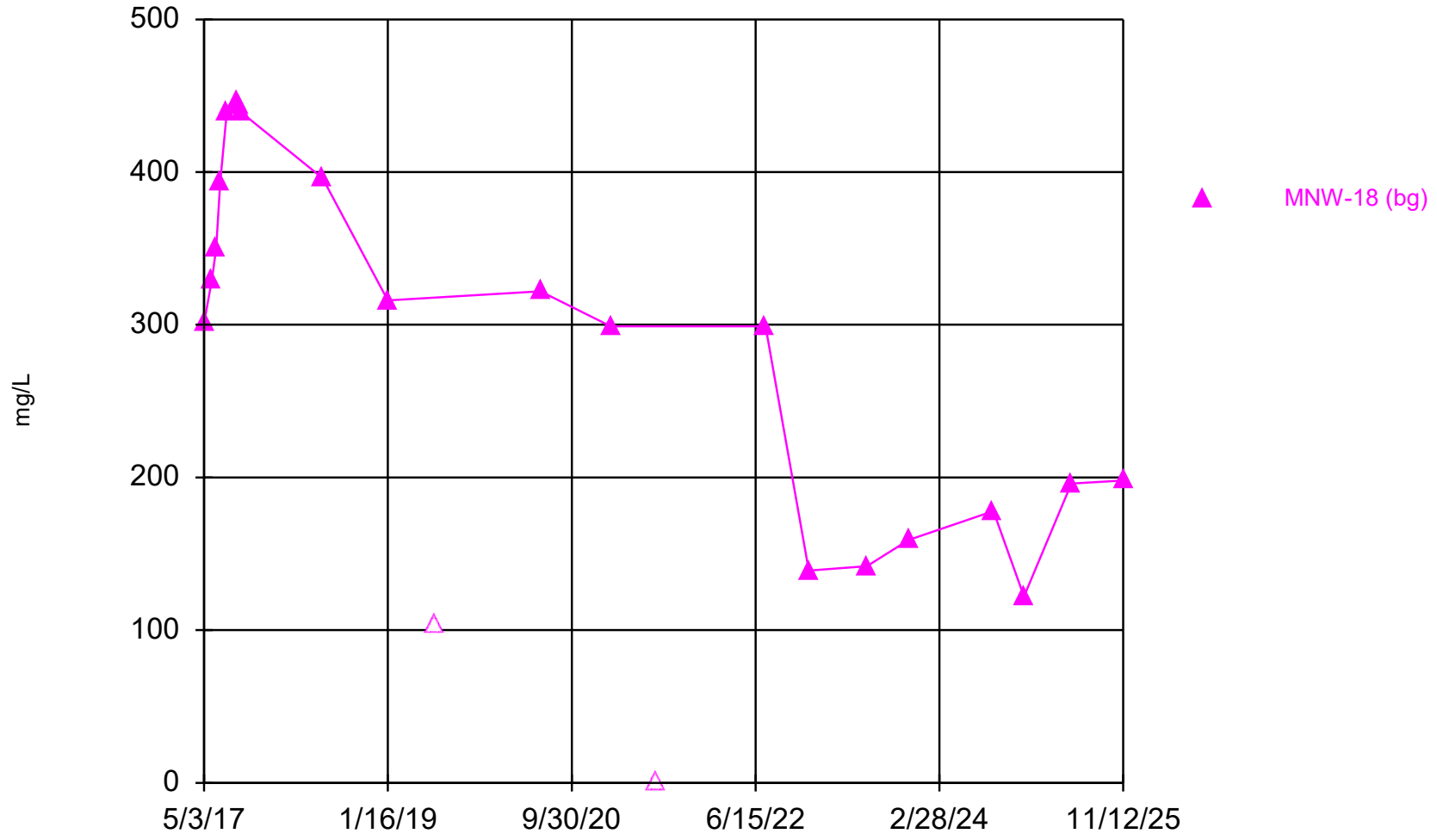
Time Series



Constituent: Calcium Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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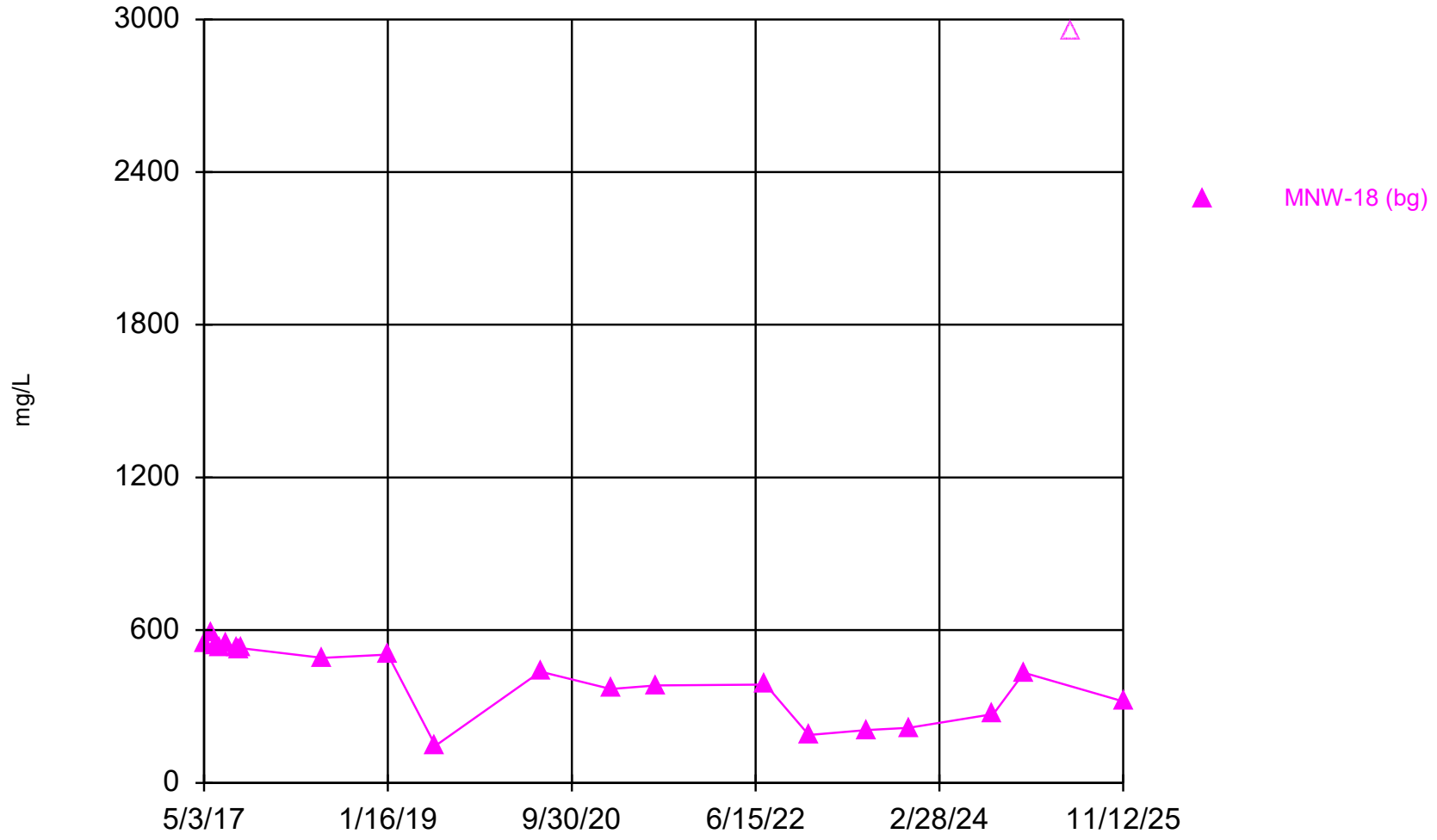
Time Series



Constituent: Chloride Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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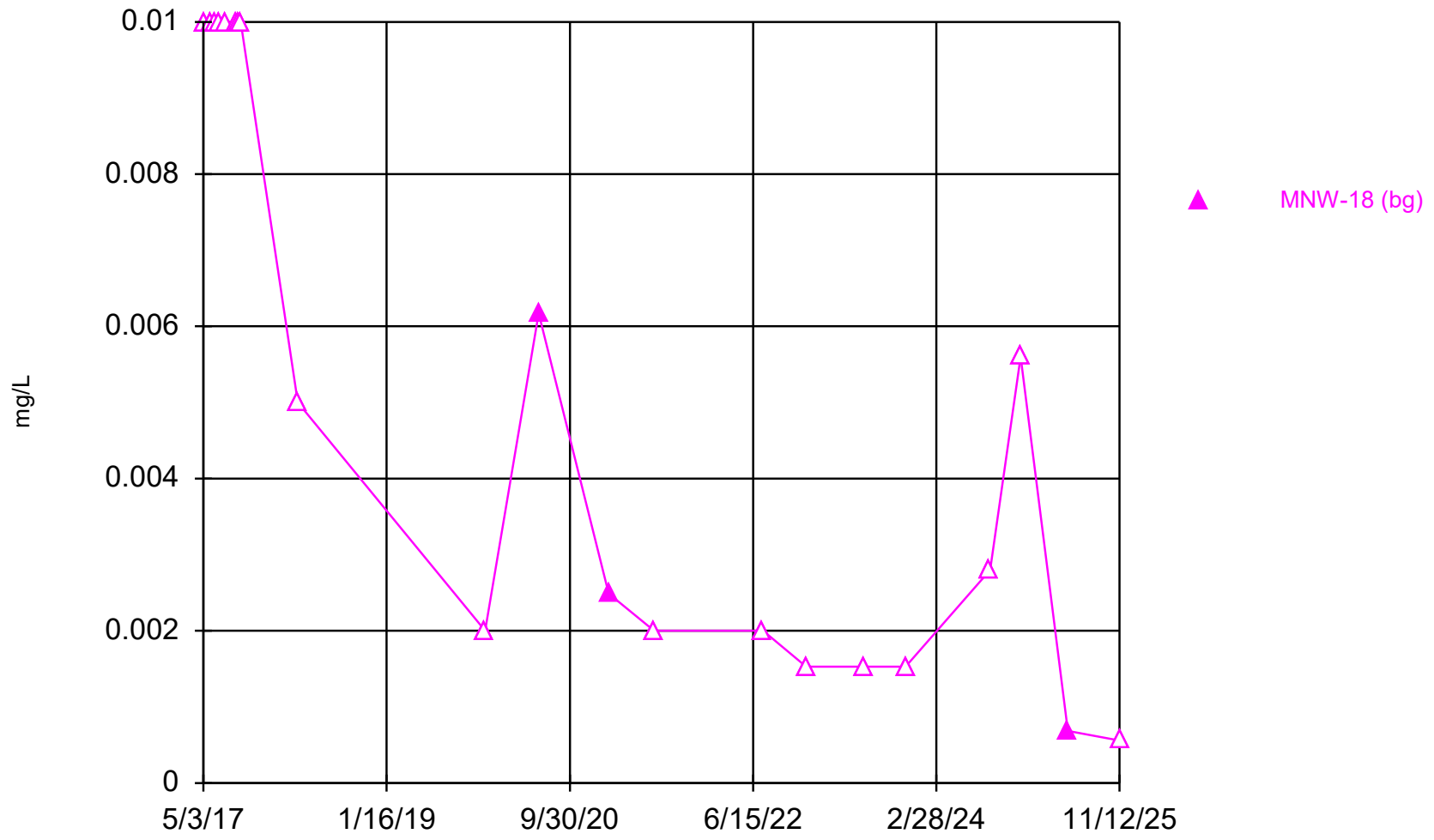
Time Series



Constituent: Chromium Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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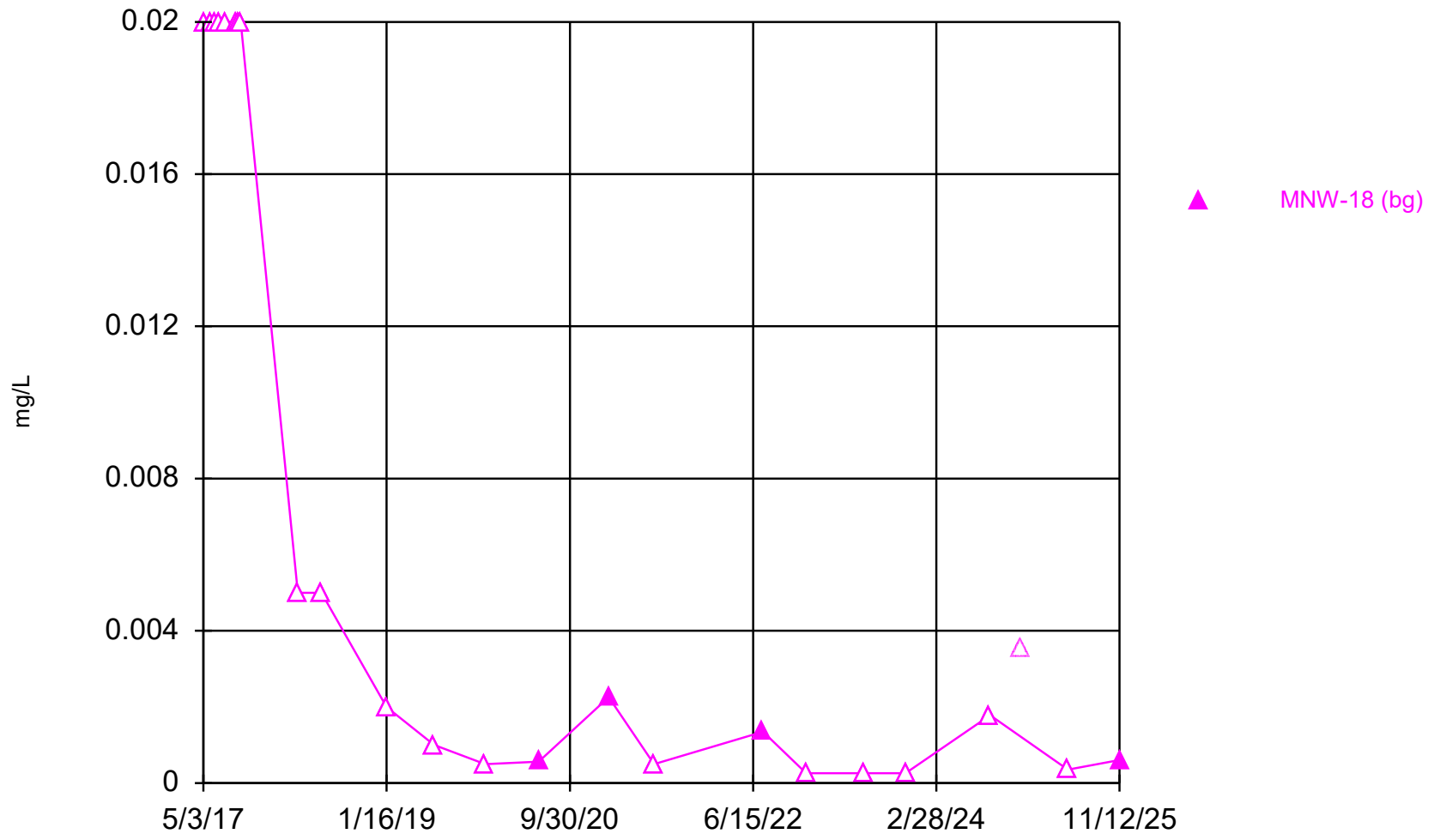
Time Series



Constituent: Cobalt Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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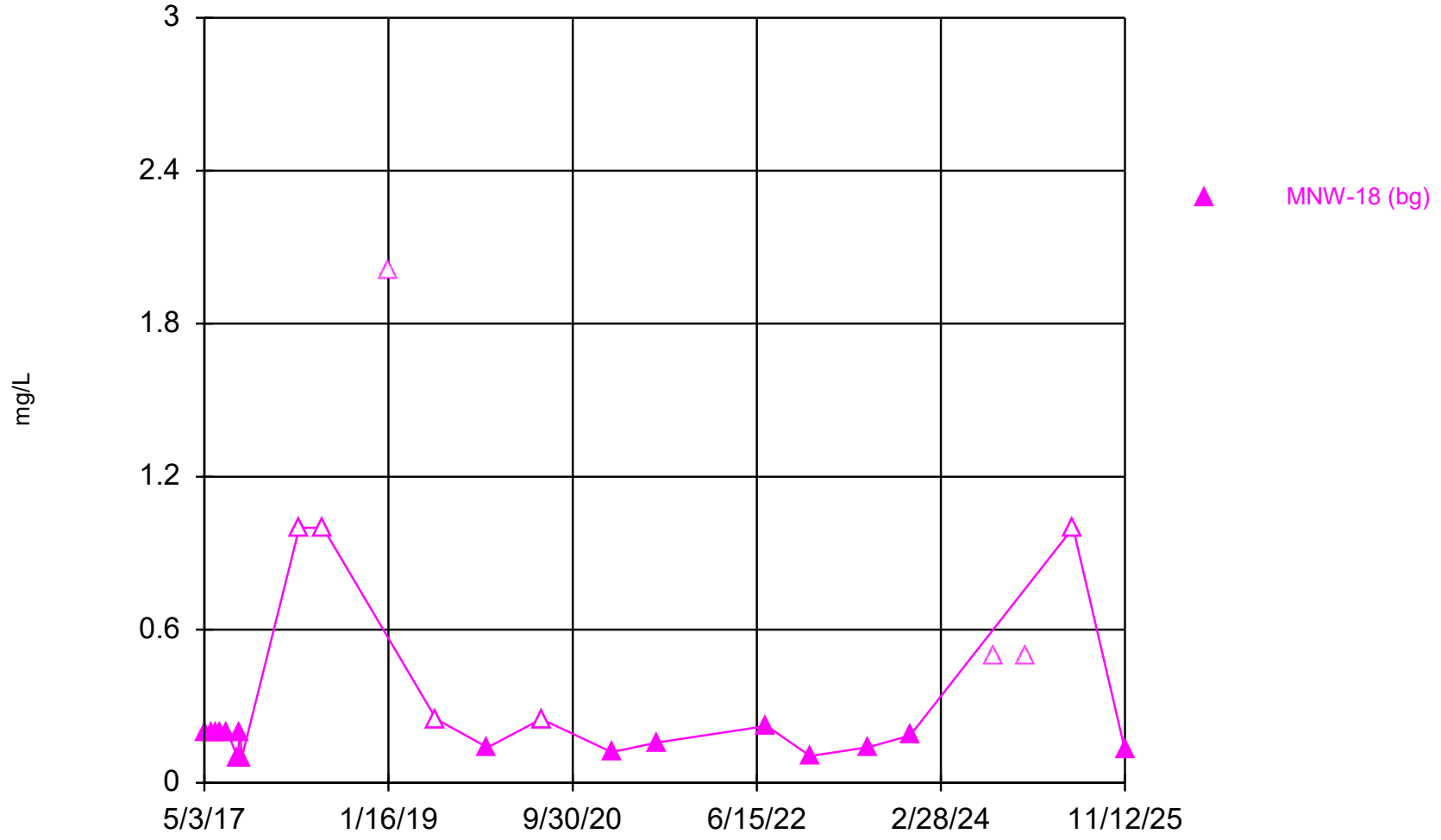
Hollow symbols indicate censored values.

Time Series



Constituent: Fluoride Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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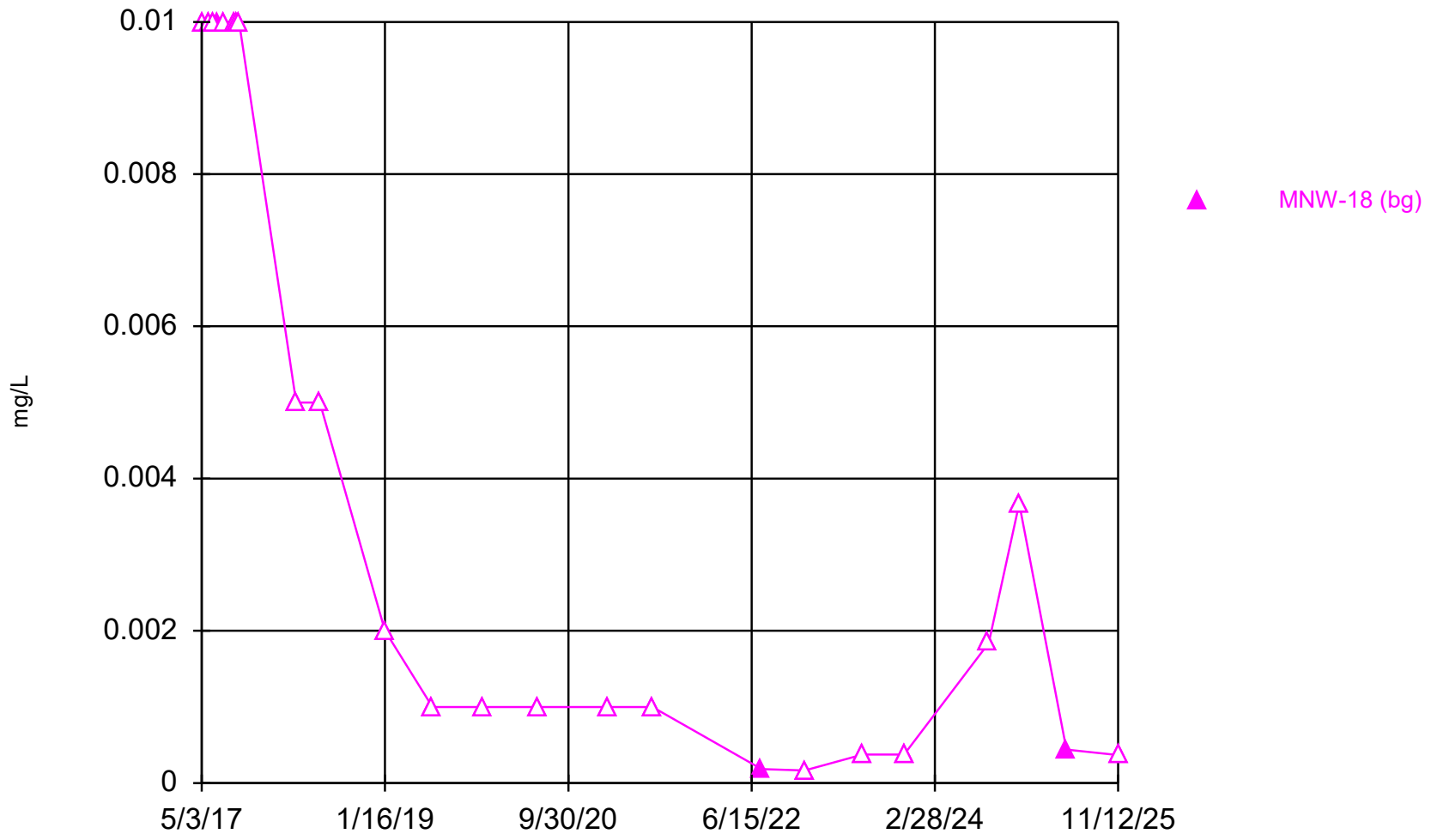
Hollow symbols indicate censored values.

Time Series



Constituent: Lead Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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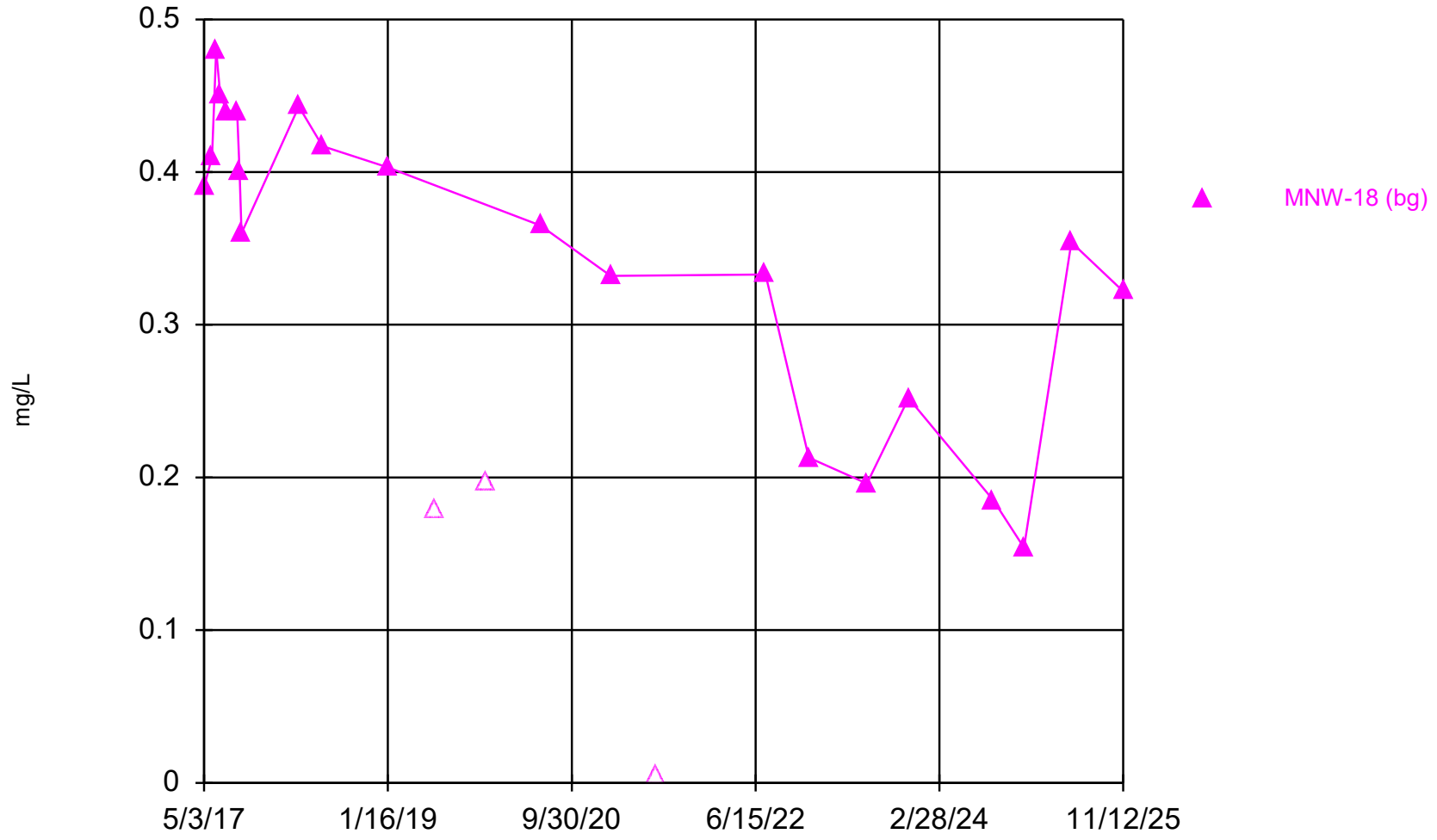
Hollow symbols indicate censored values.

Time Series



Constituent: Lithium Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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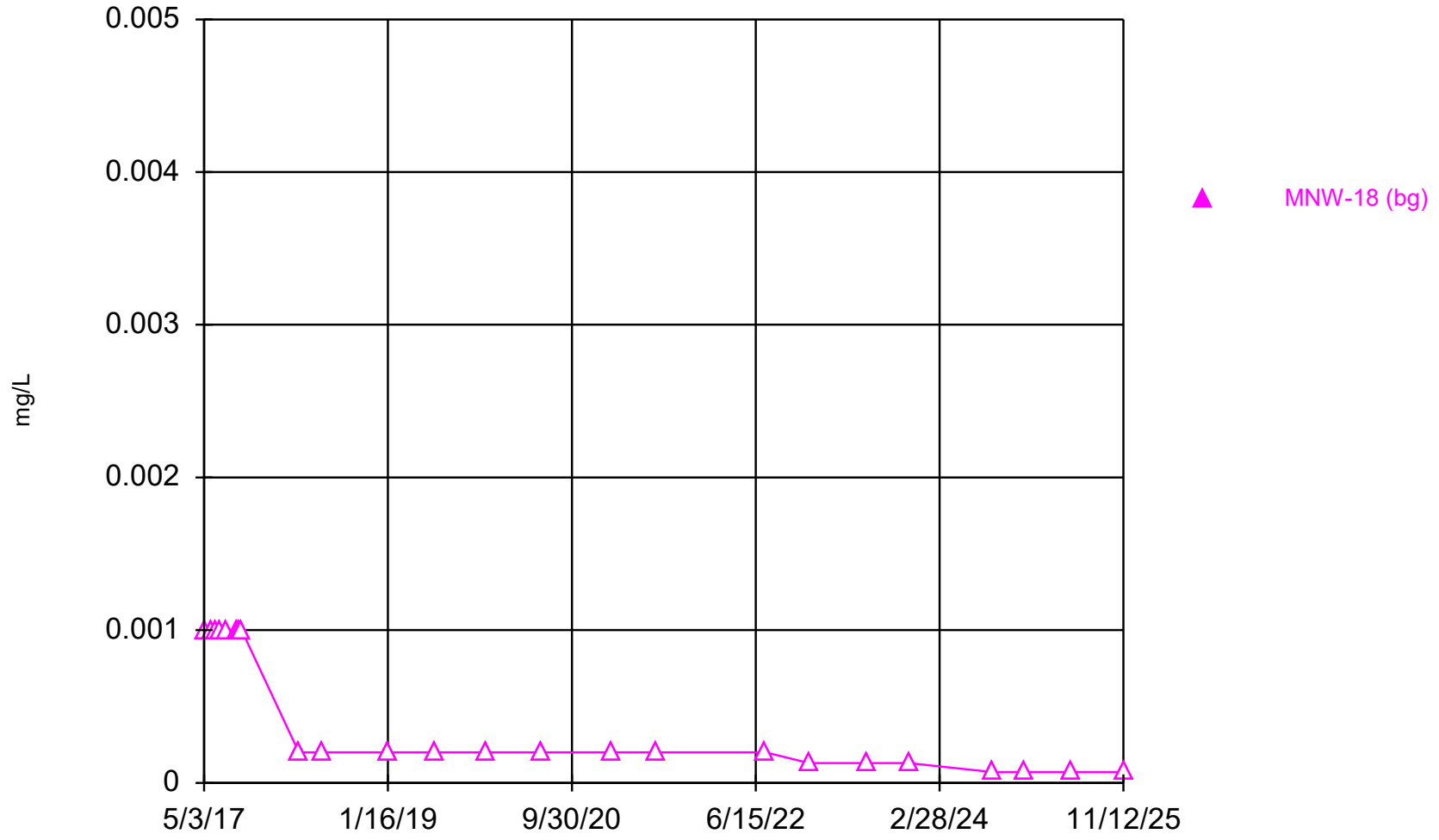
Time Series



Constituent: Mercury Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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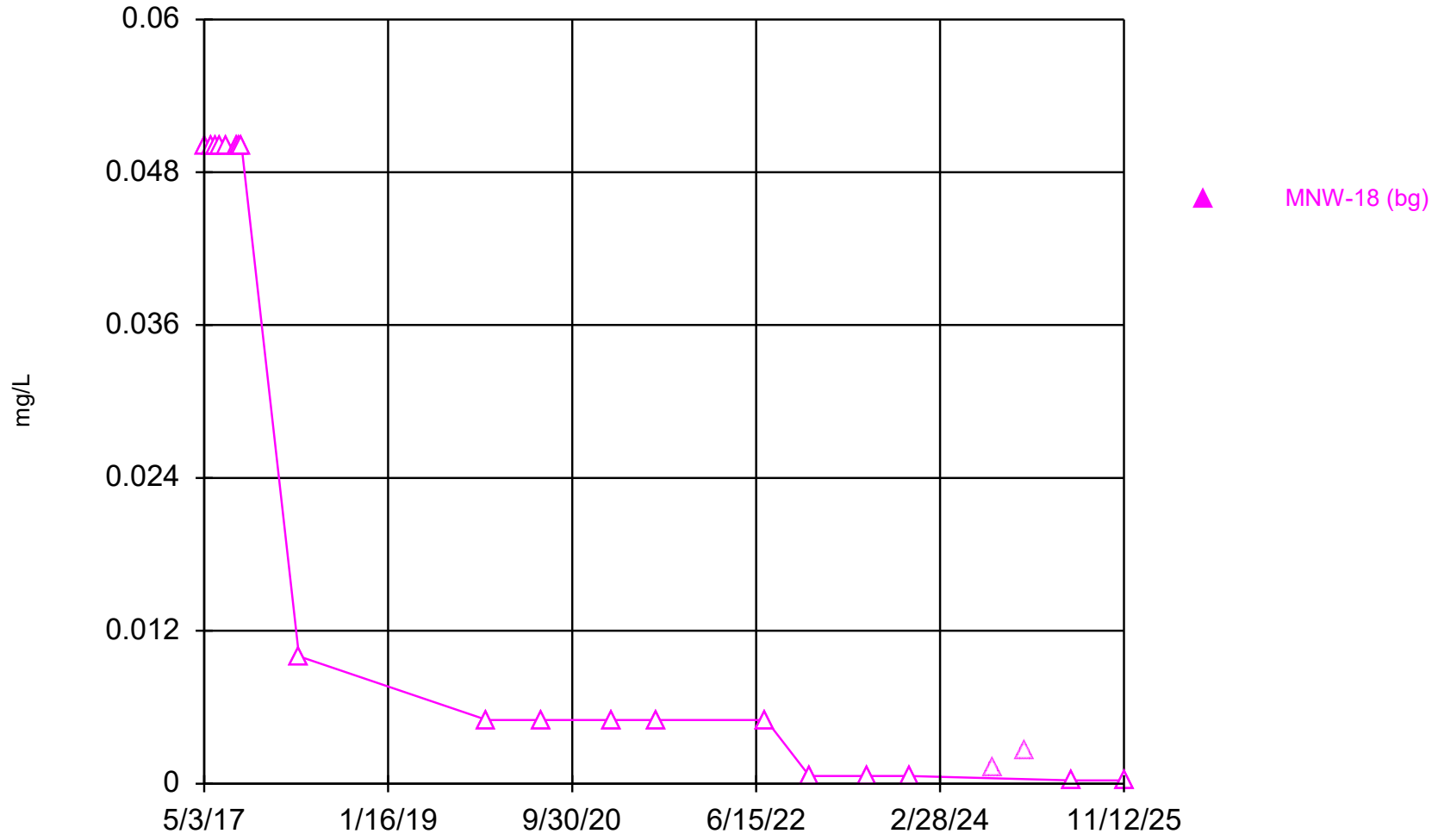
Hollow symbols indicate censored values.

Time Series



Constituent: Molybdenum Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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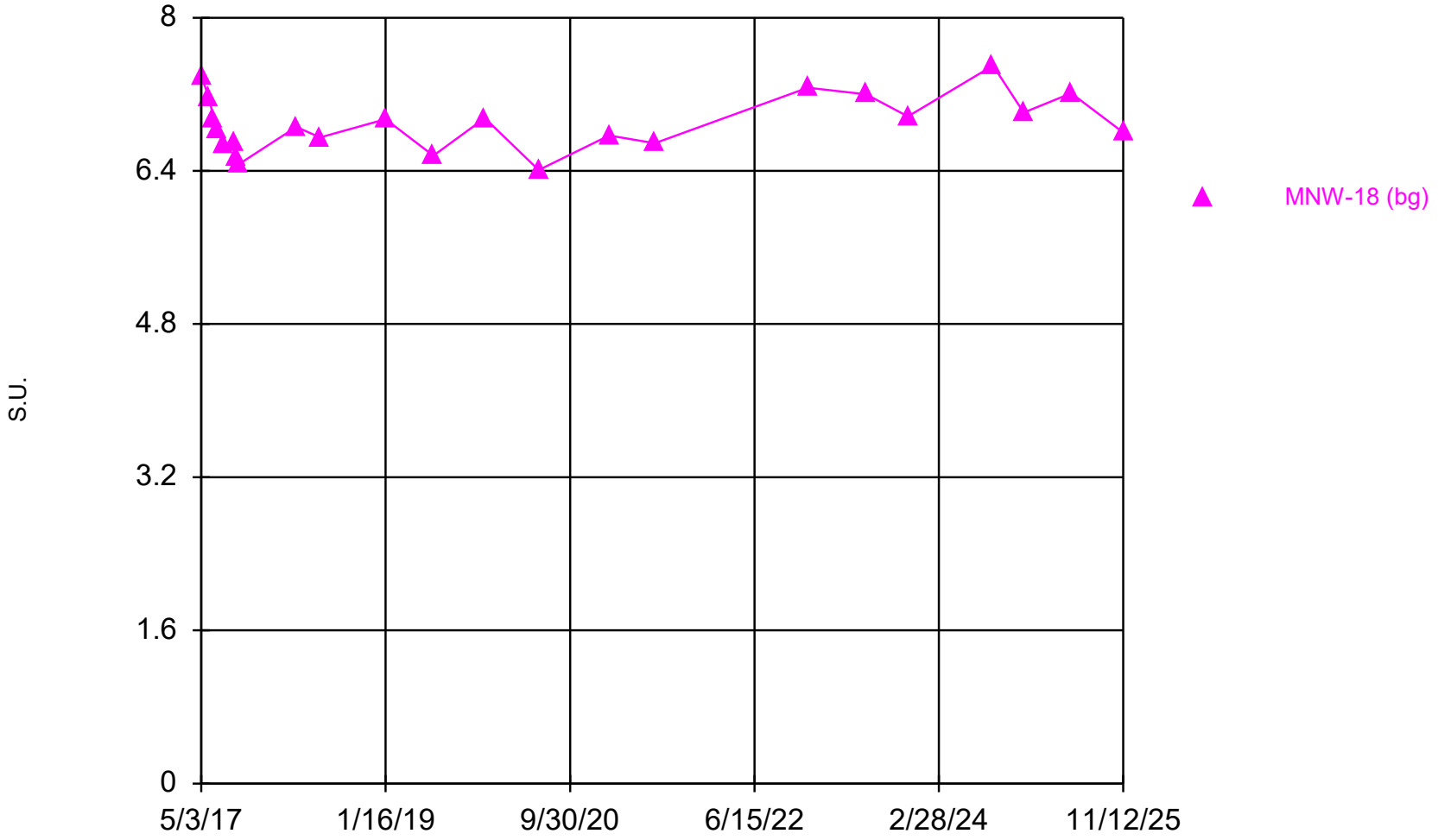
Time Series



Constituent: pH Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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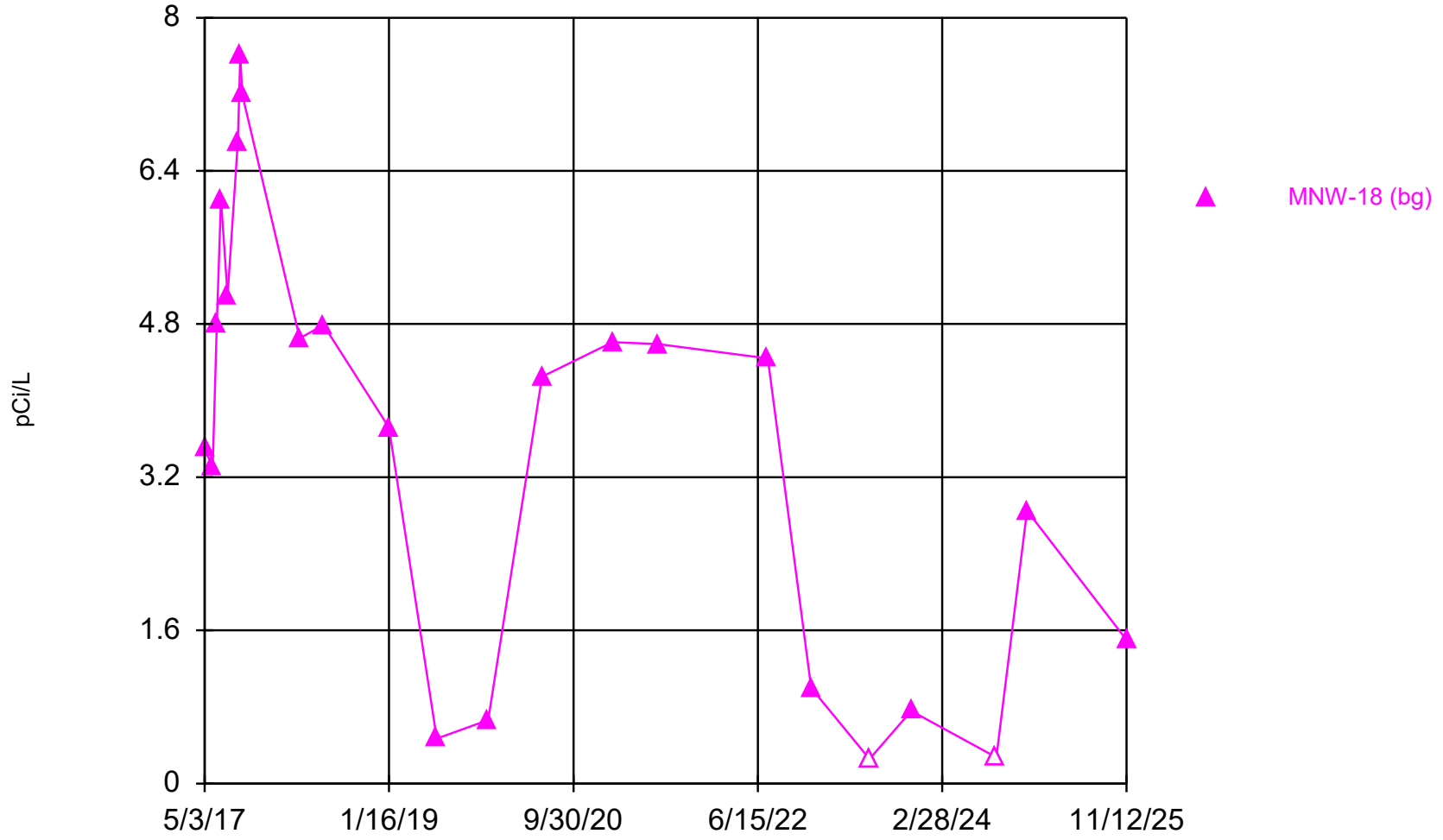
Hollow symbols indicate censored values.

Time Series



Constituent: Radium 226 + 228 Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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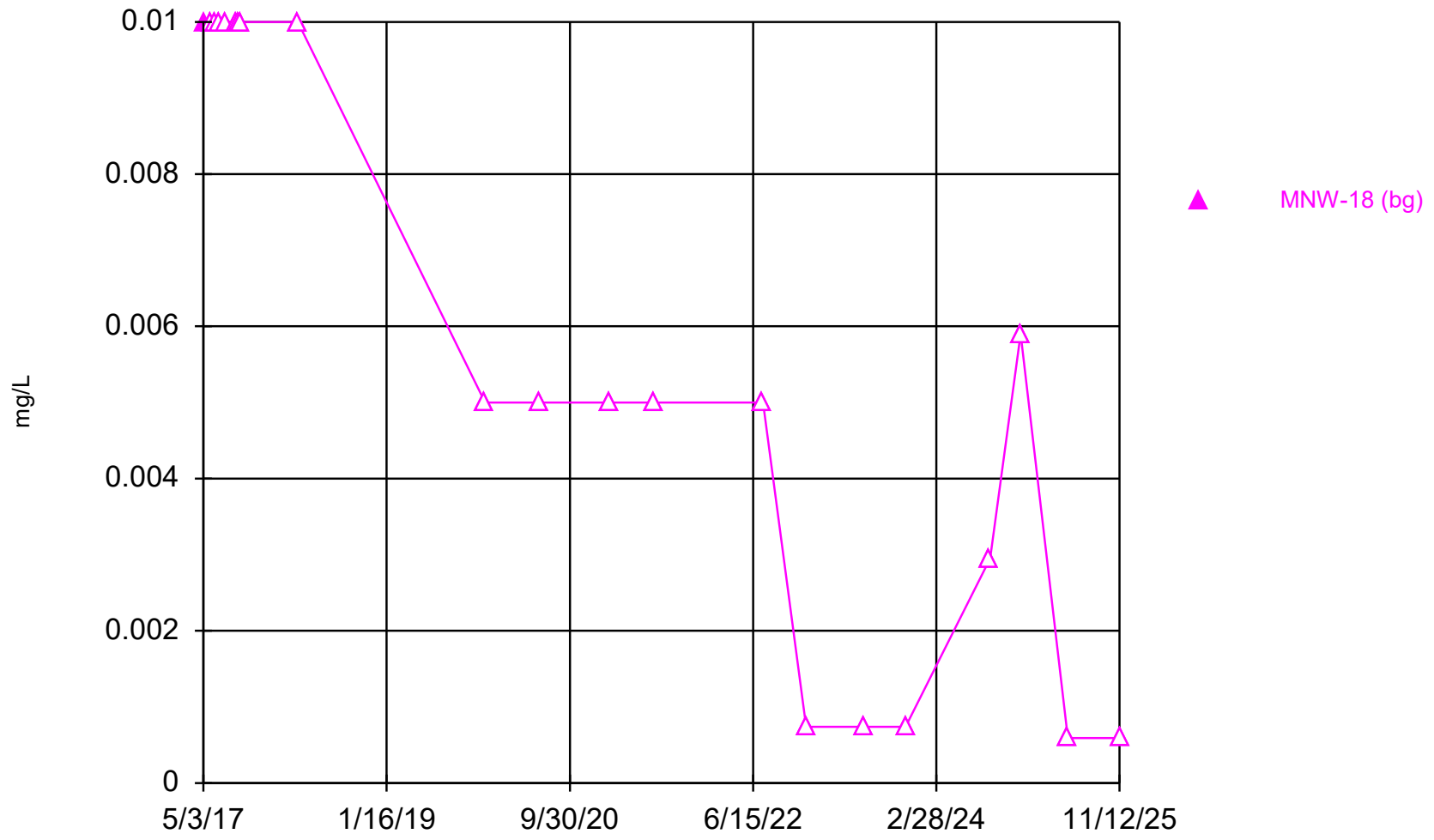
Hollow symbols indicate censored values.

Time Series



Constituent: Selenium Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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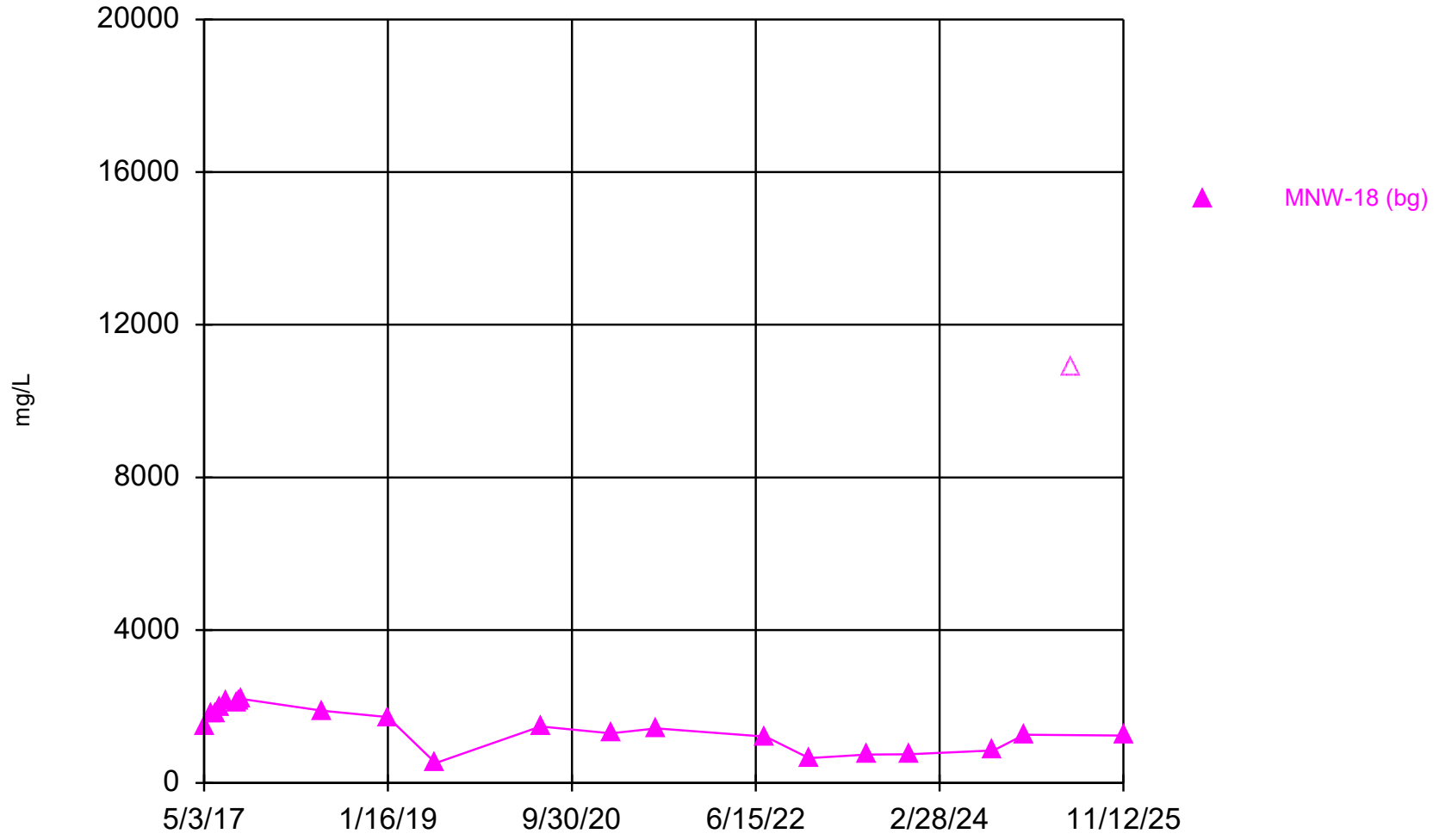
Hollow symbols indicate censored values.

Time Series

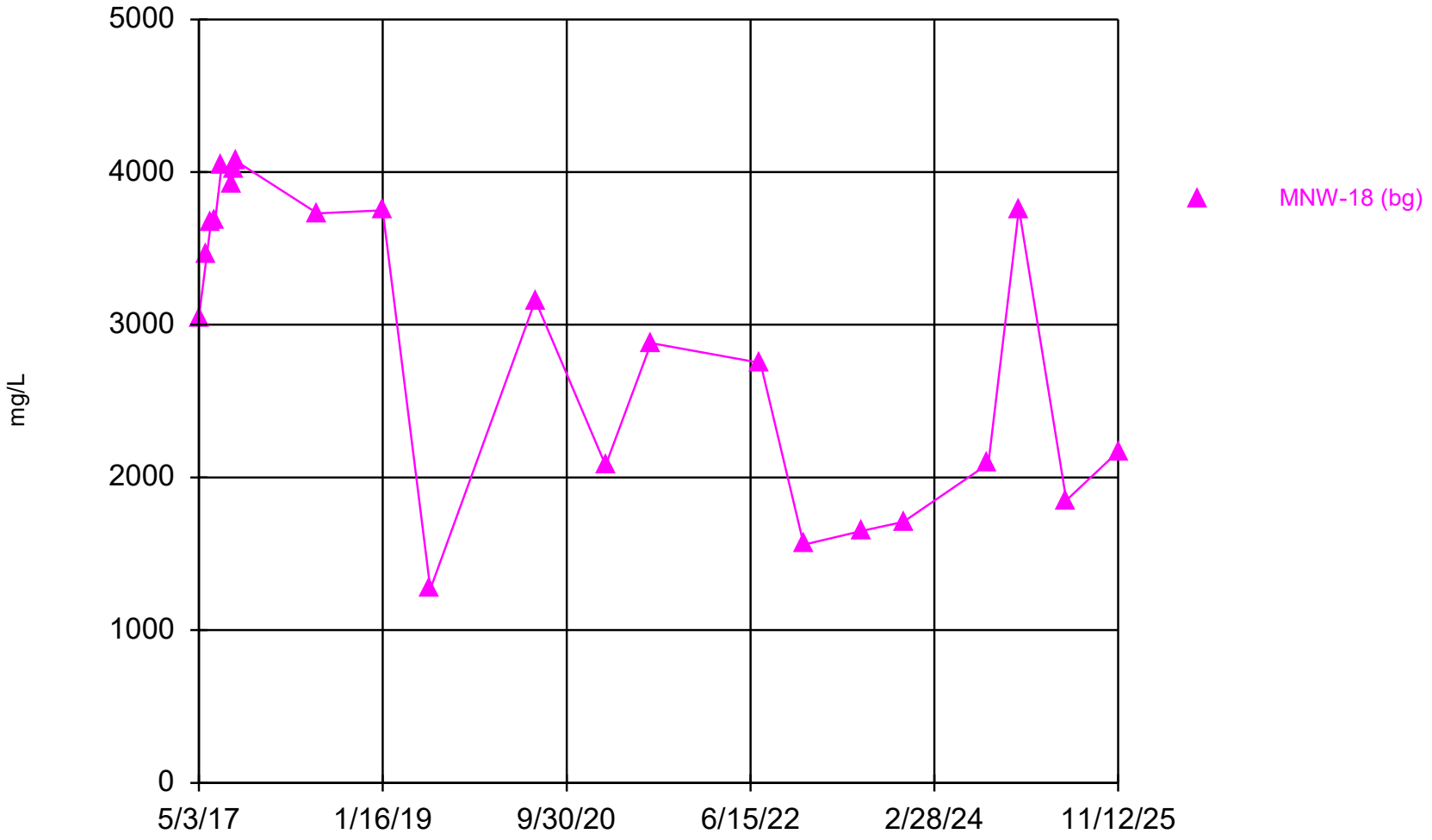


Constituent: Sulfate Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

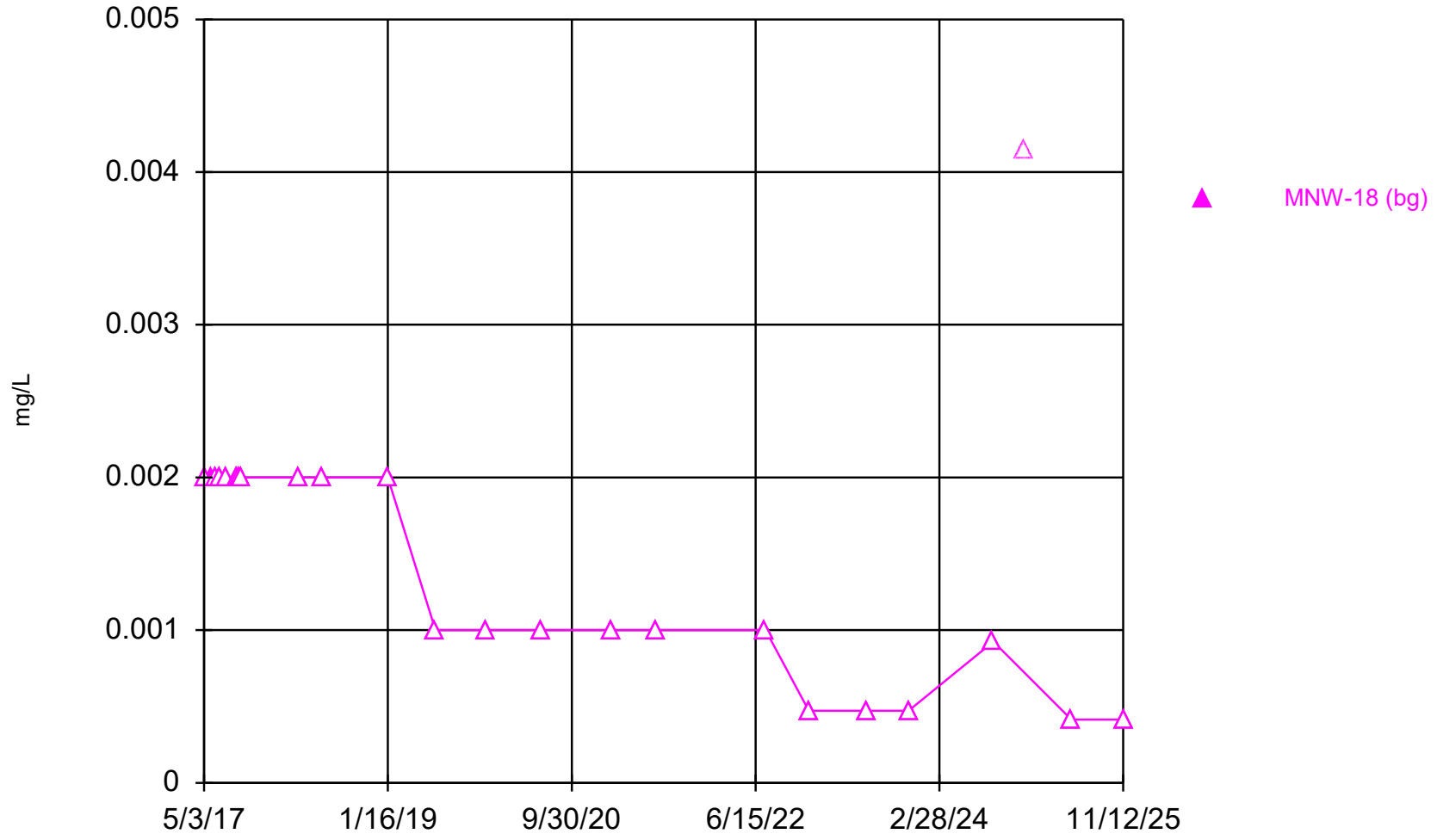


Constituent: TDS Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 5/16/2026 11:59 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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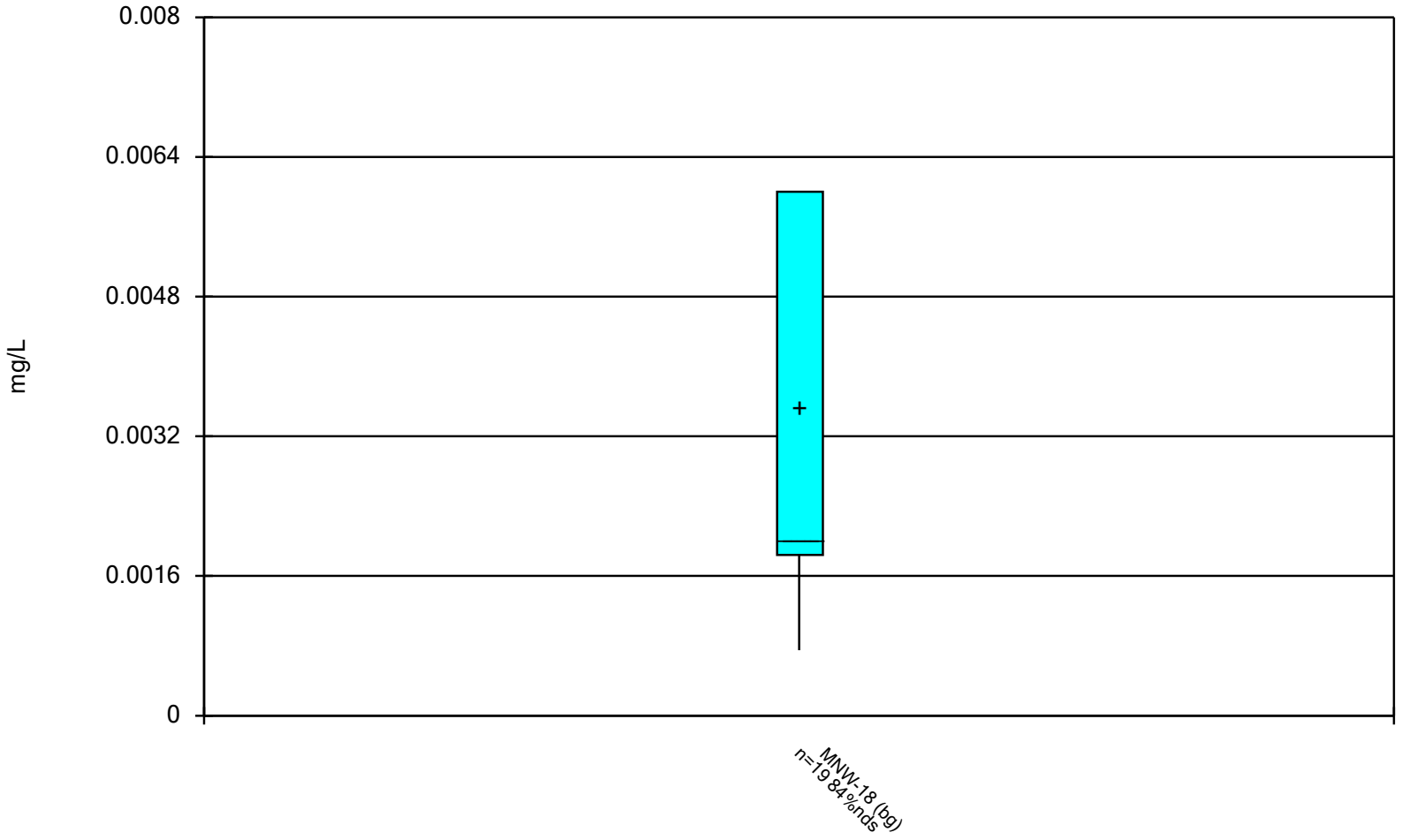
Box & Whiskers Plot



Constituent: Antimony Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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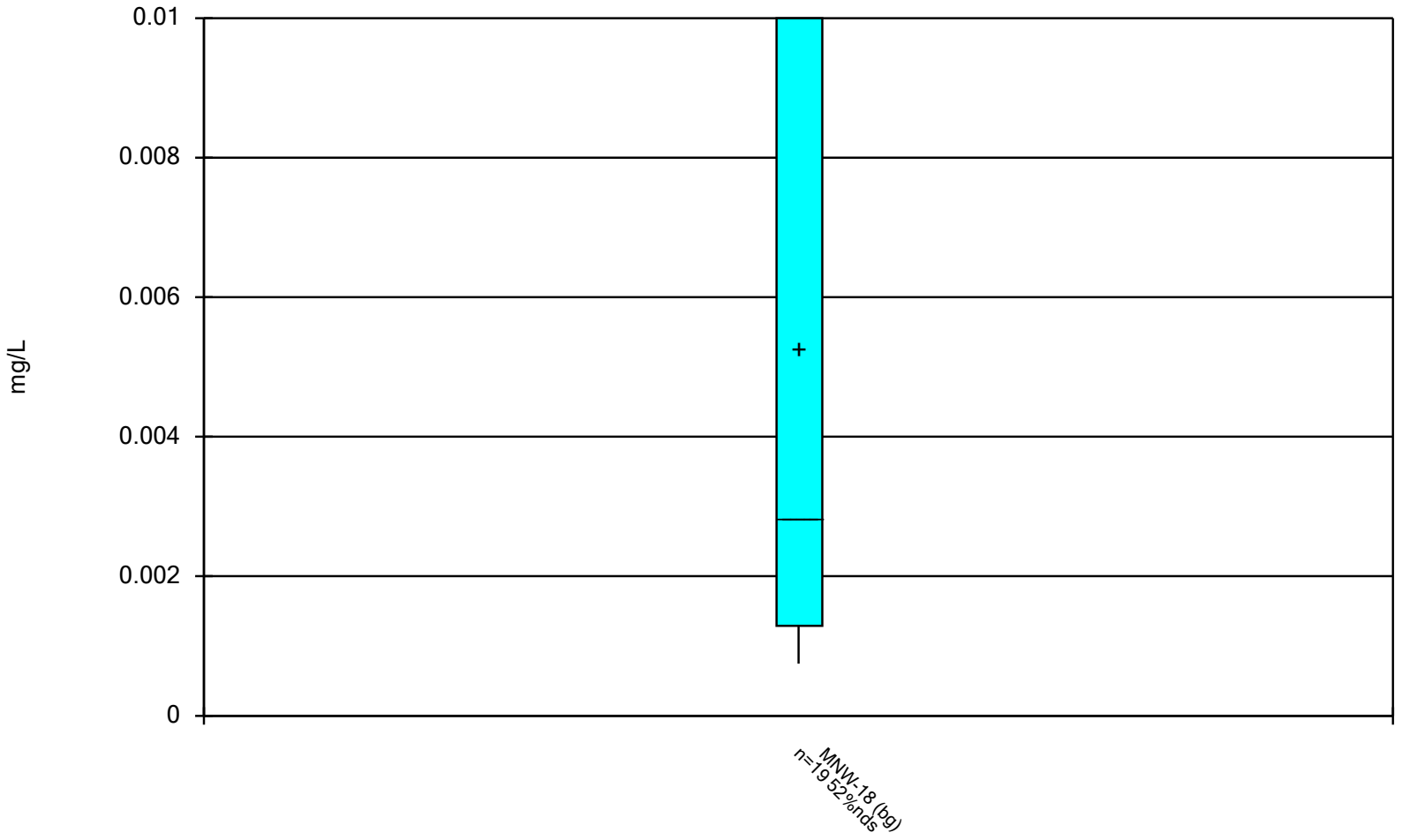
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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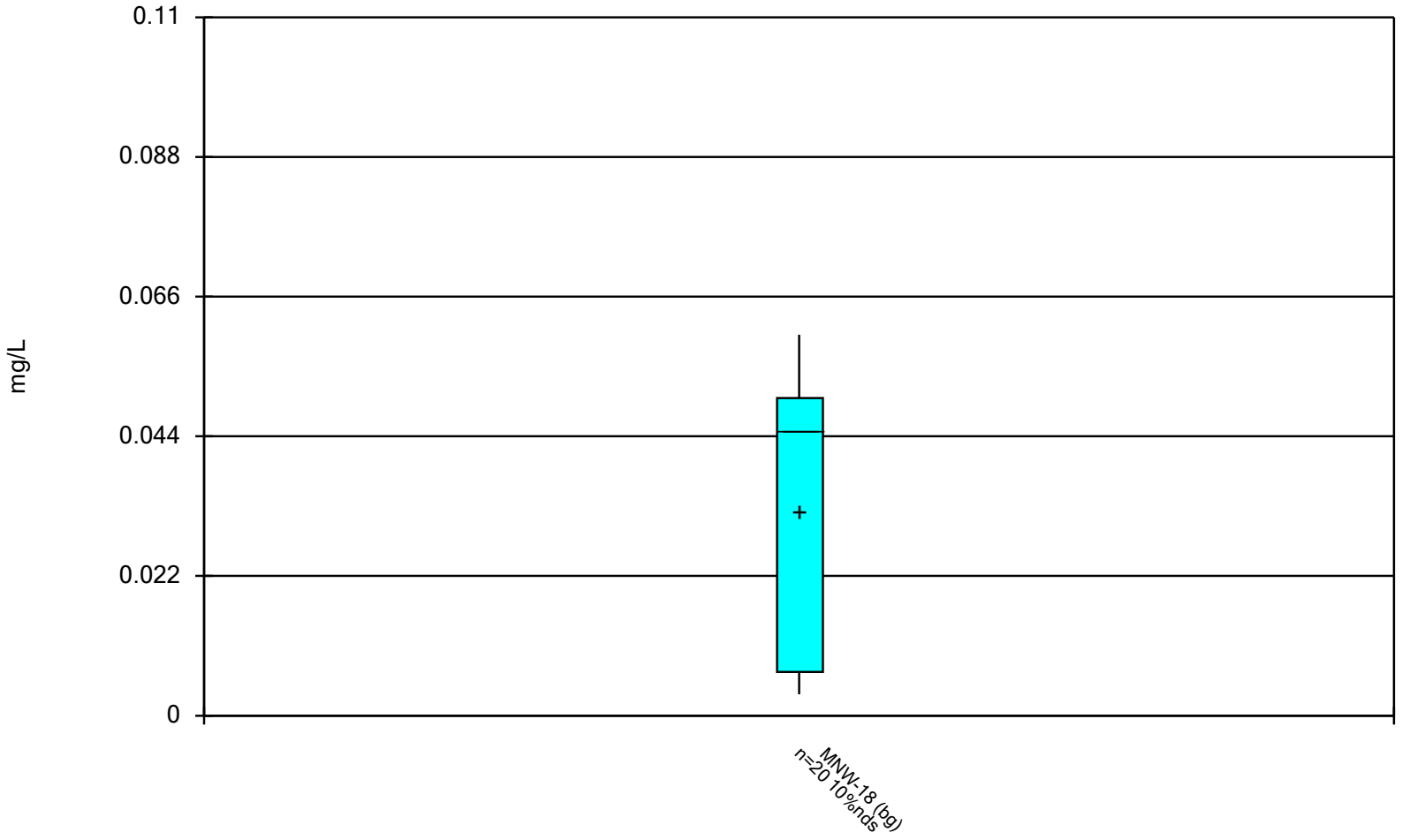
Box & Whiskers Plot

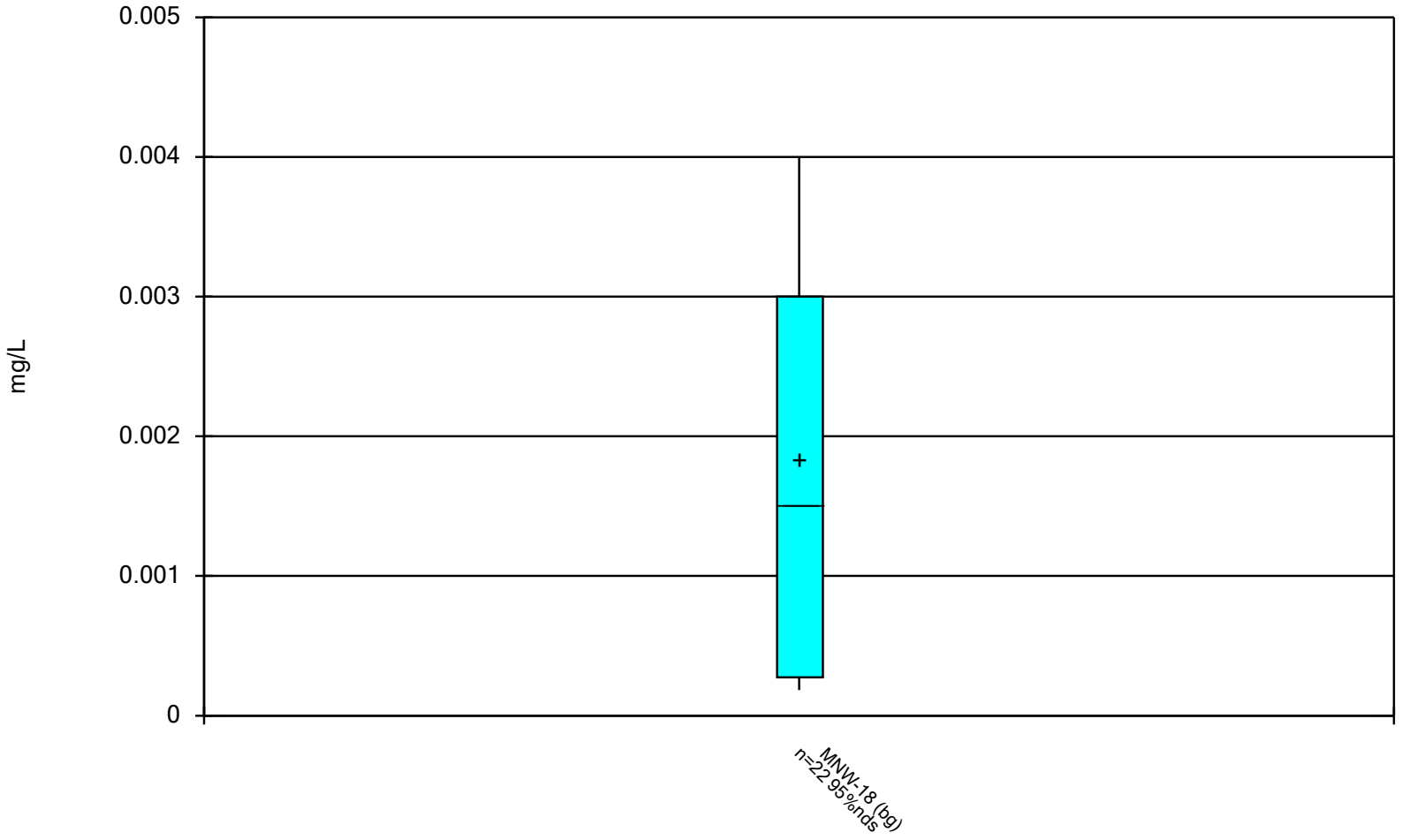


Constituent: Barium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Beryllium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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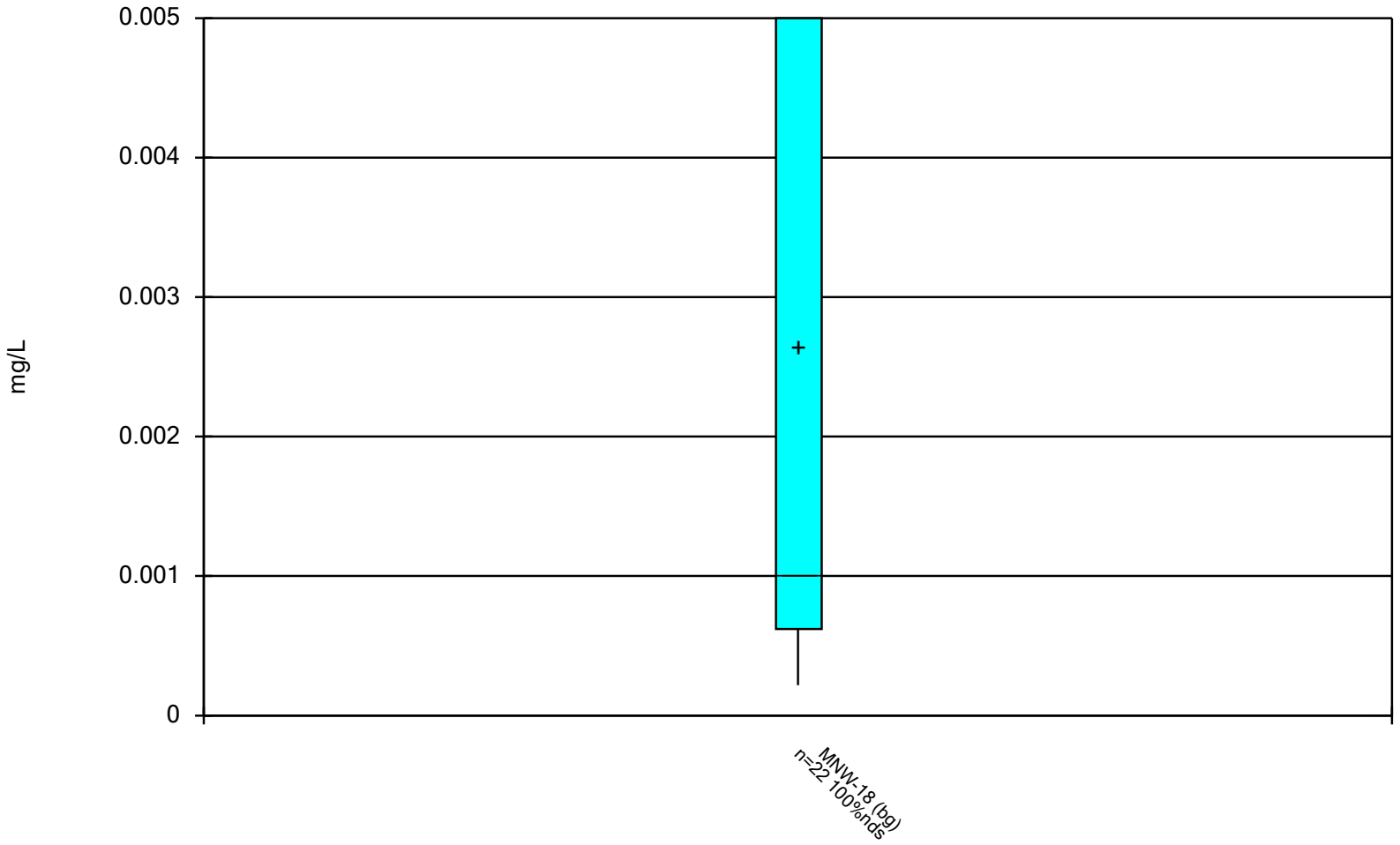
Box & Whiskers Plot

Constituent: Boron Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

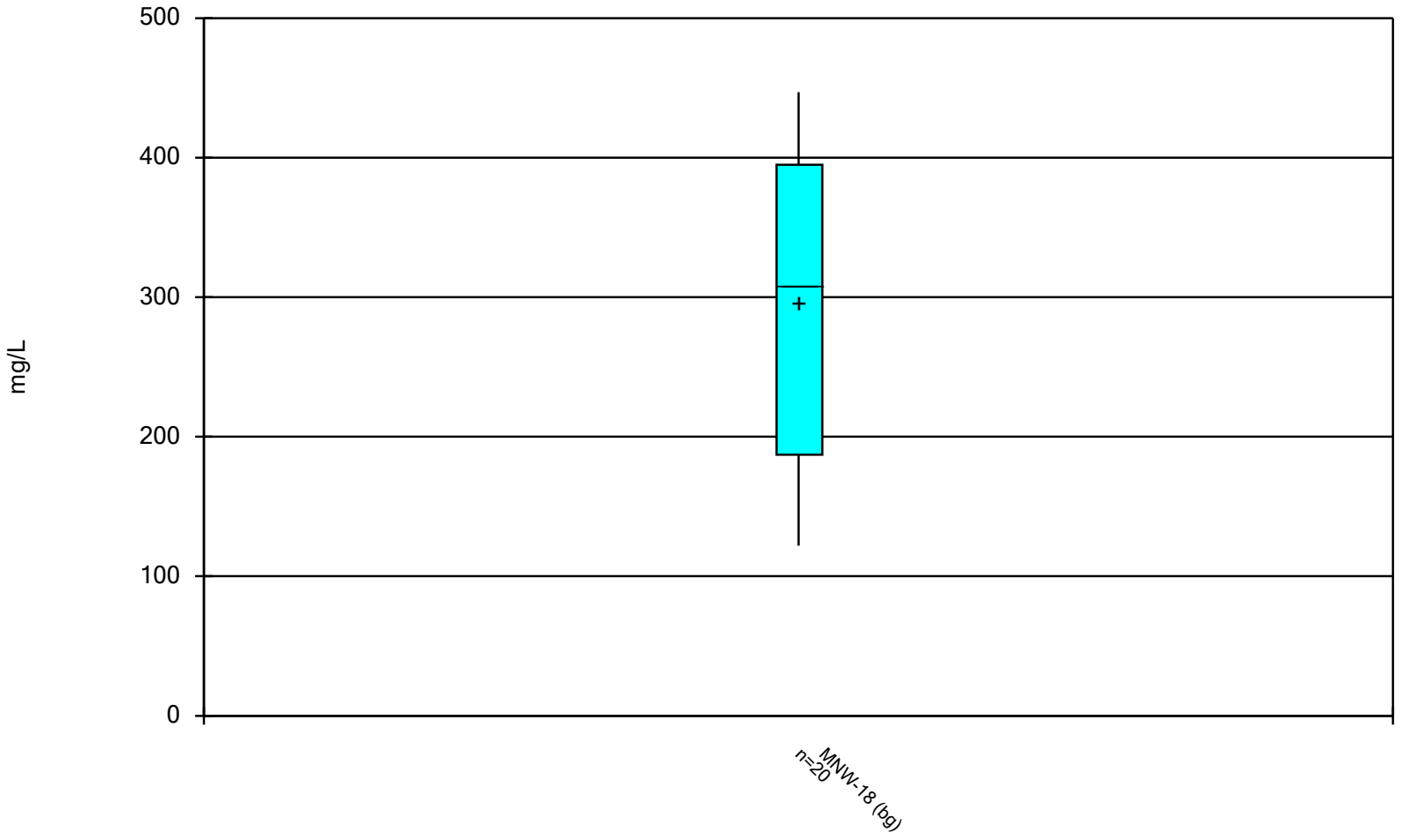


Constituent: Cadmium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

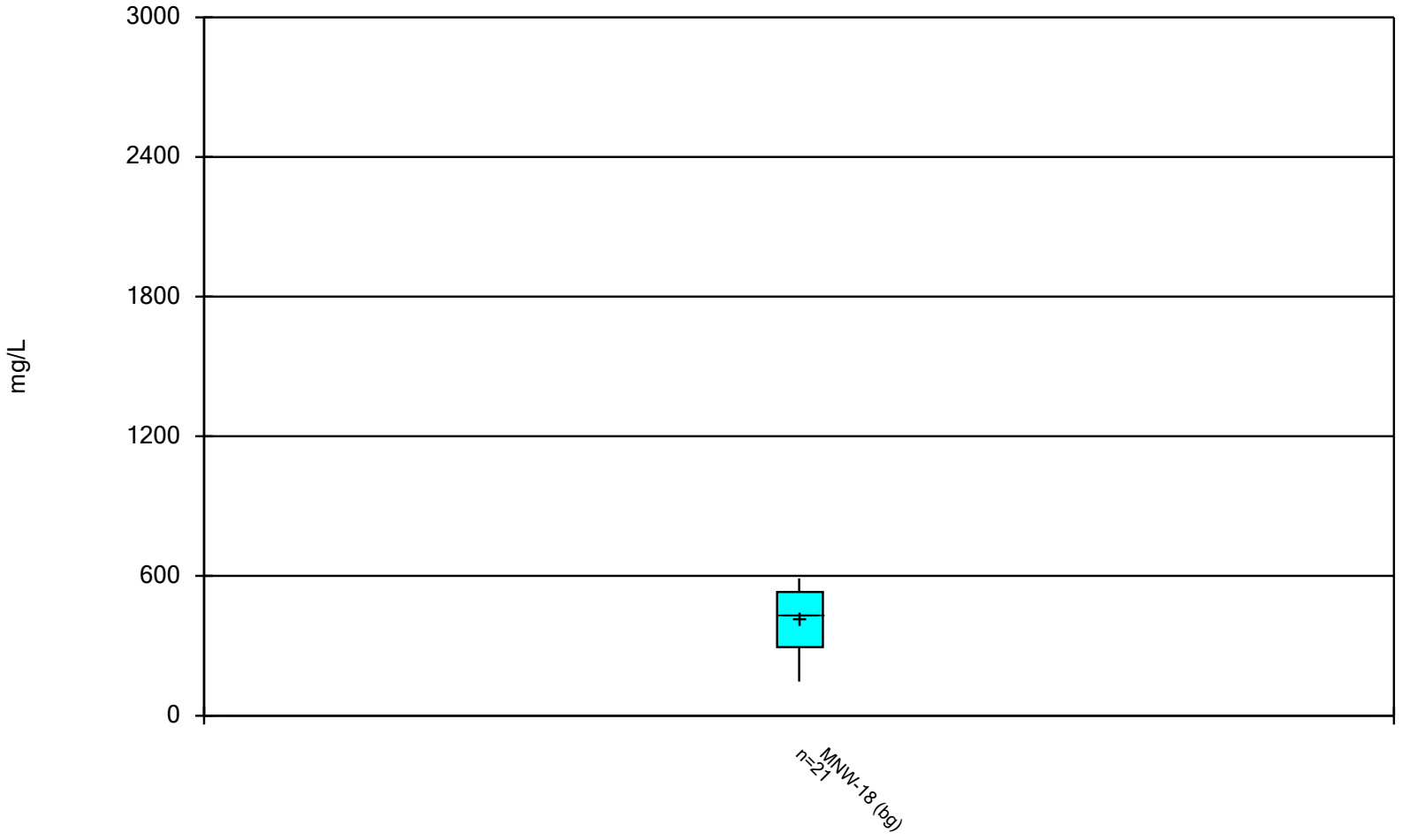


Constituent: Calcium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

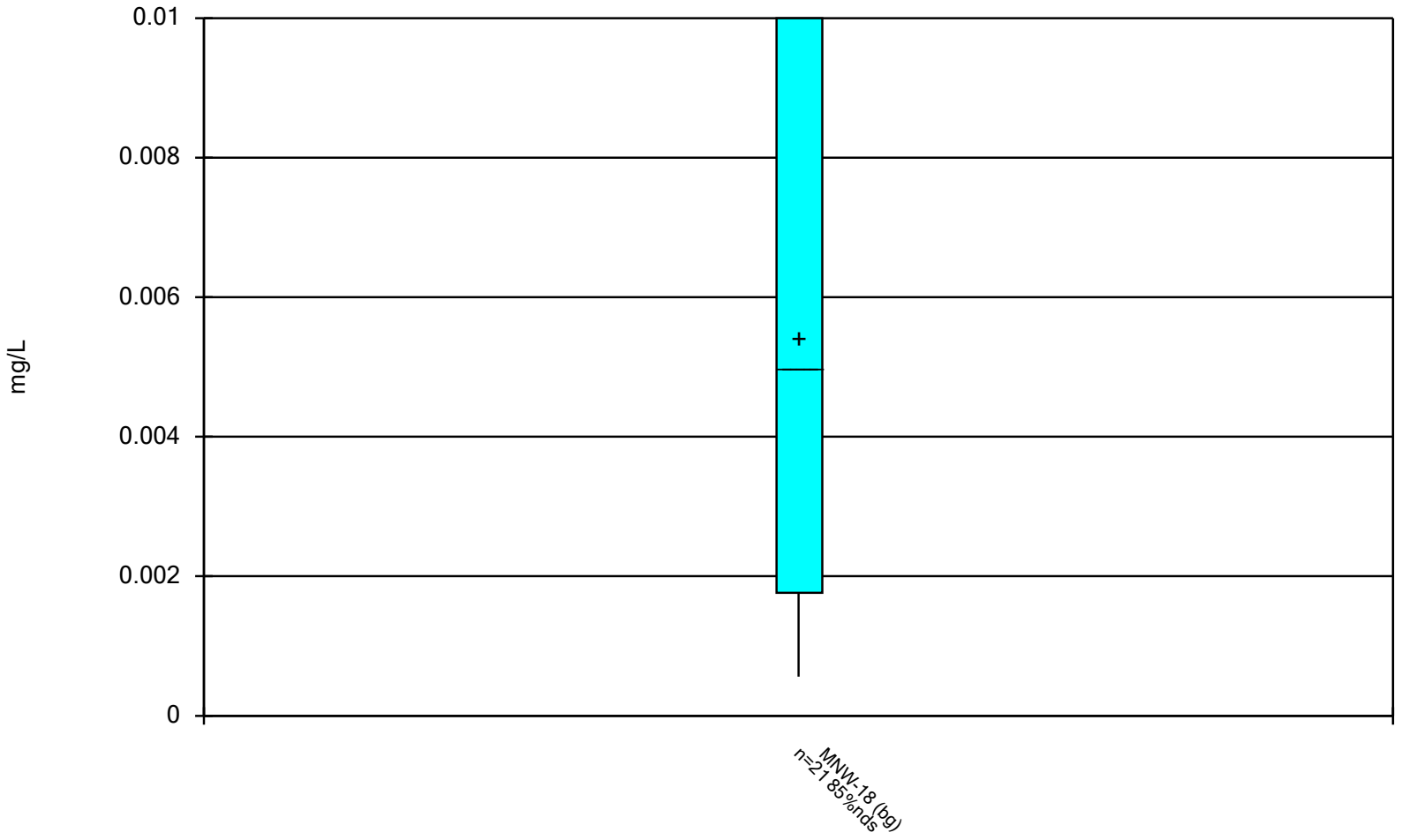


Constituent: Chloride Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Chromium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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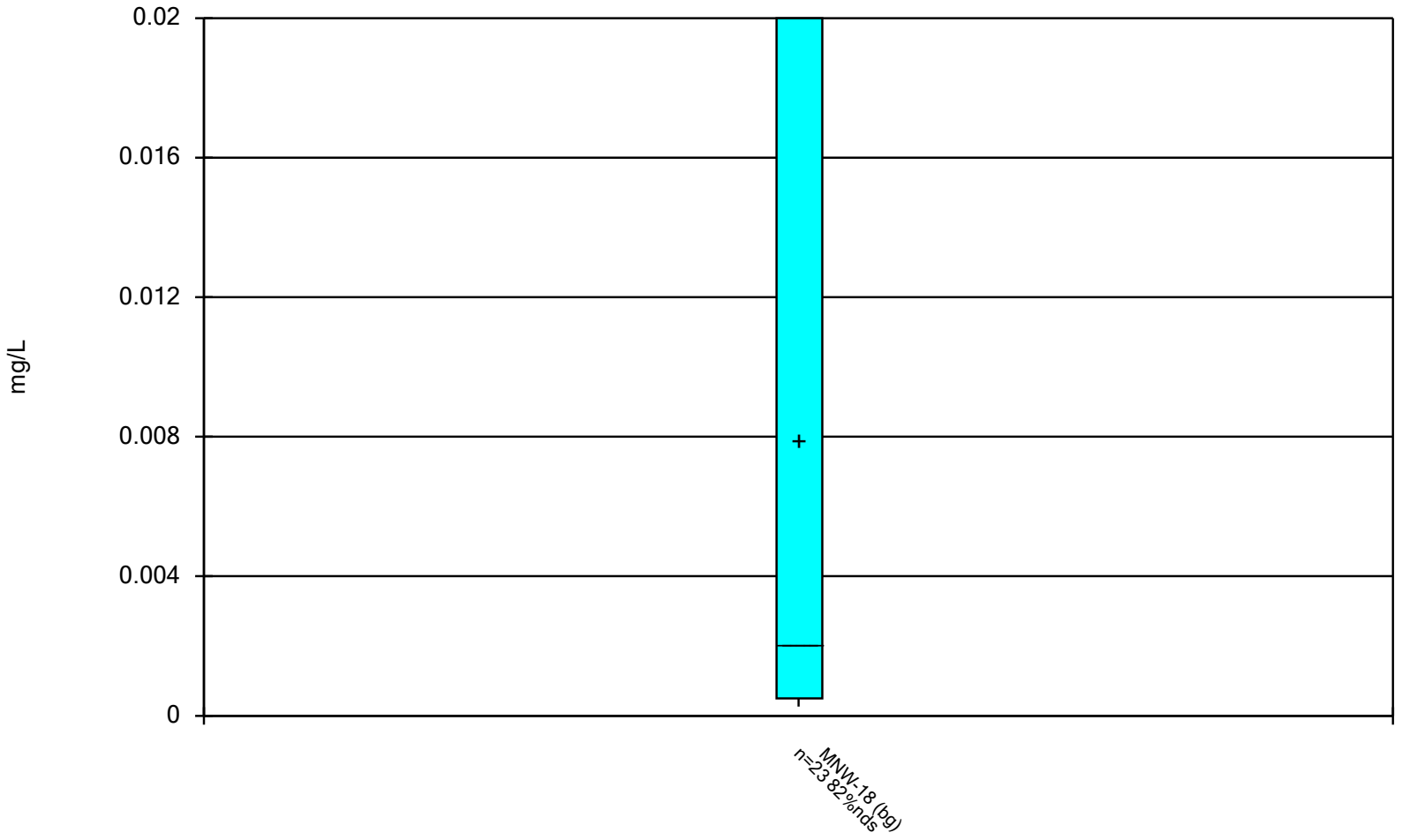
Box & Whiskers Plot

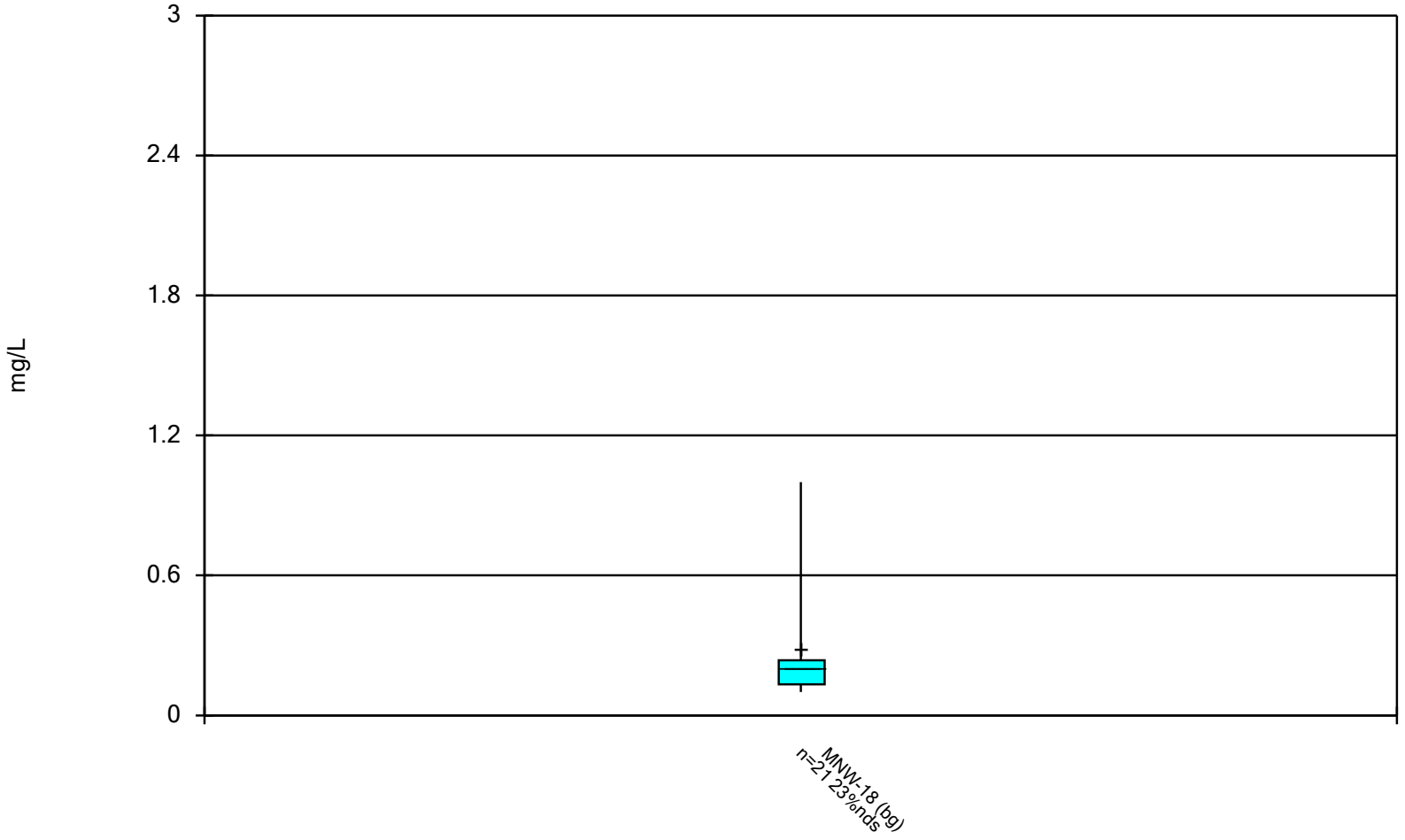


Constituent: Cobalt Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Fluoride Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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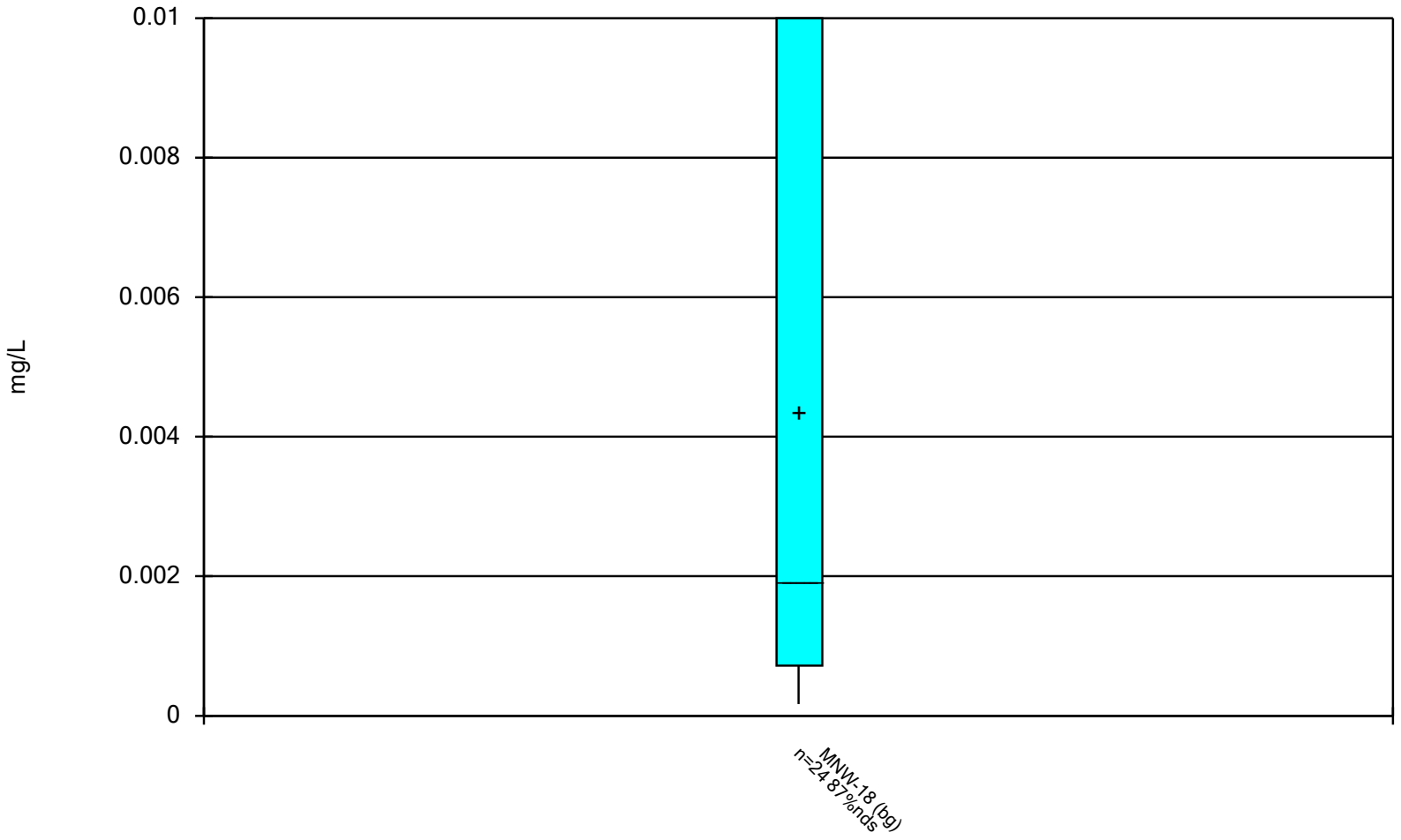
Box & Whiskers Plot



Constituent: Lead Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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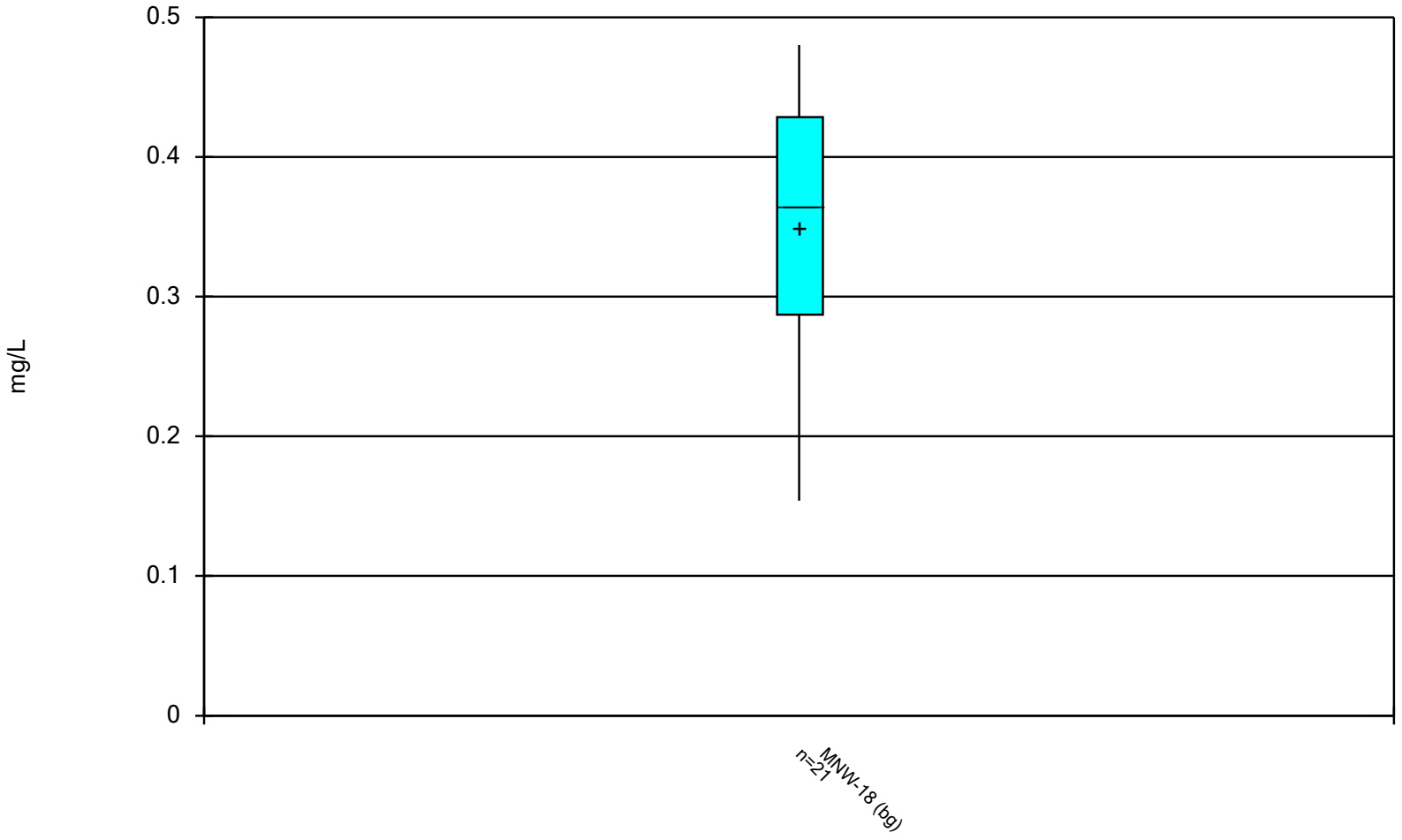
Box & Whiskers Plot



Constituent: Lithium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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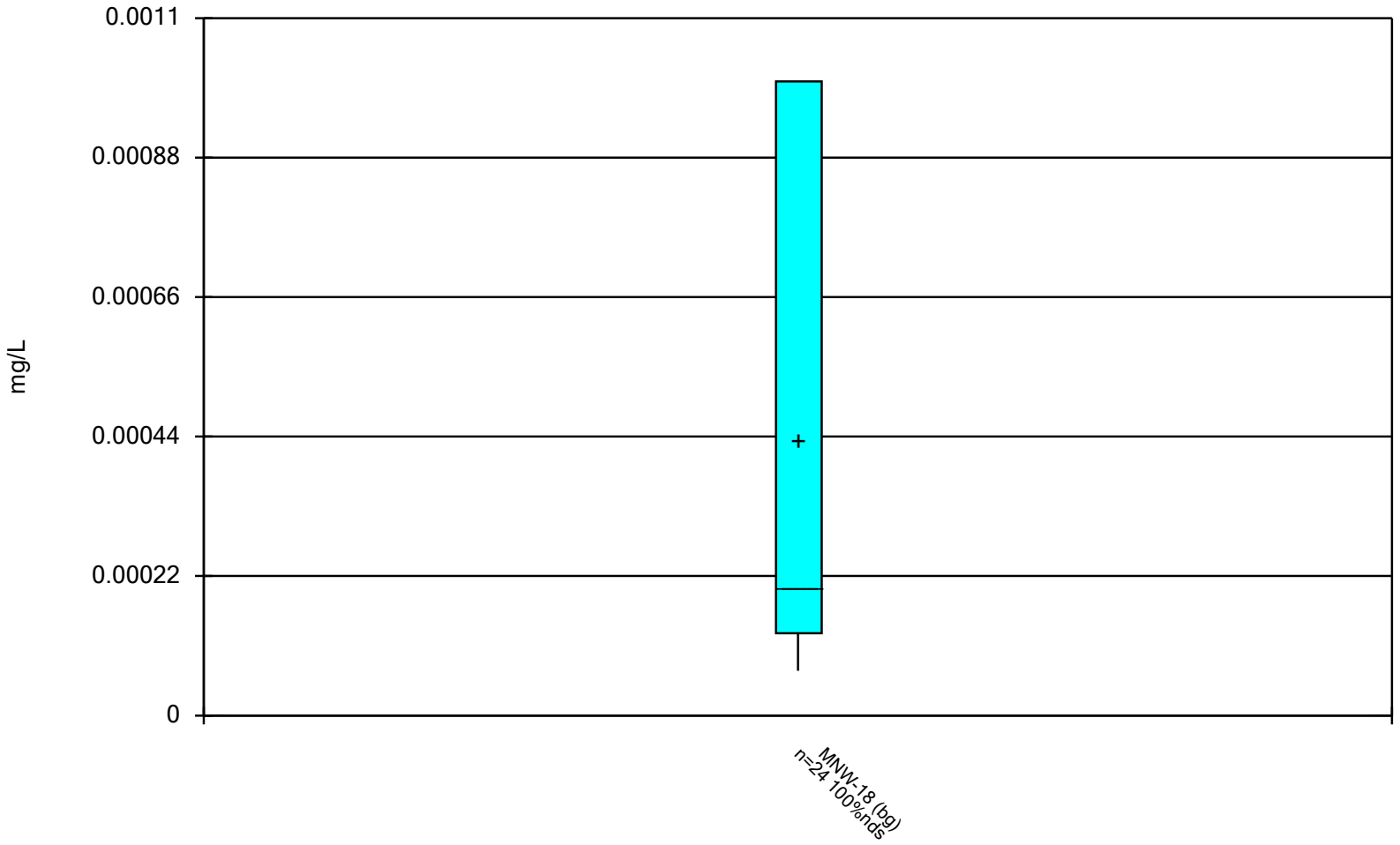
Box & Whiskers Plot

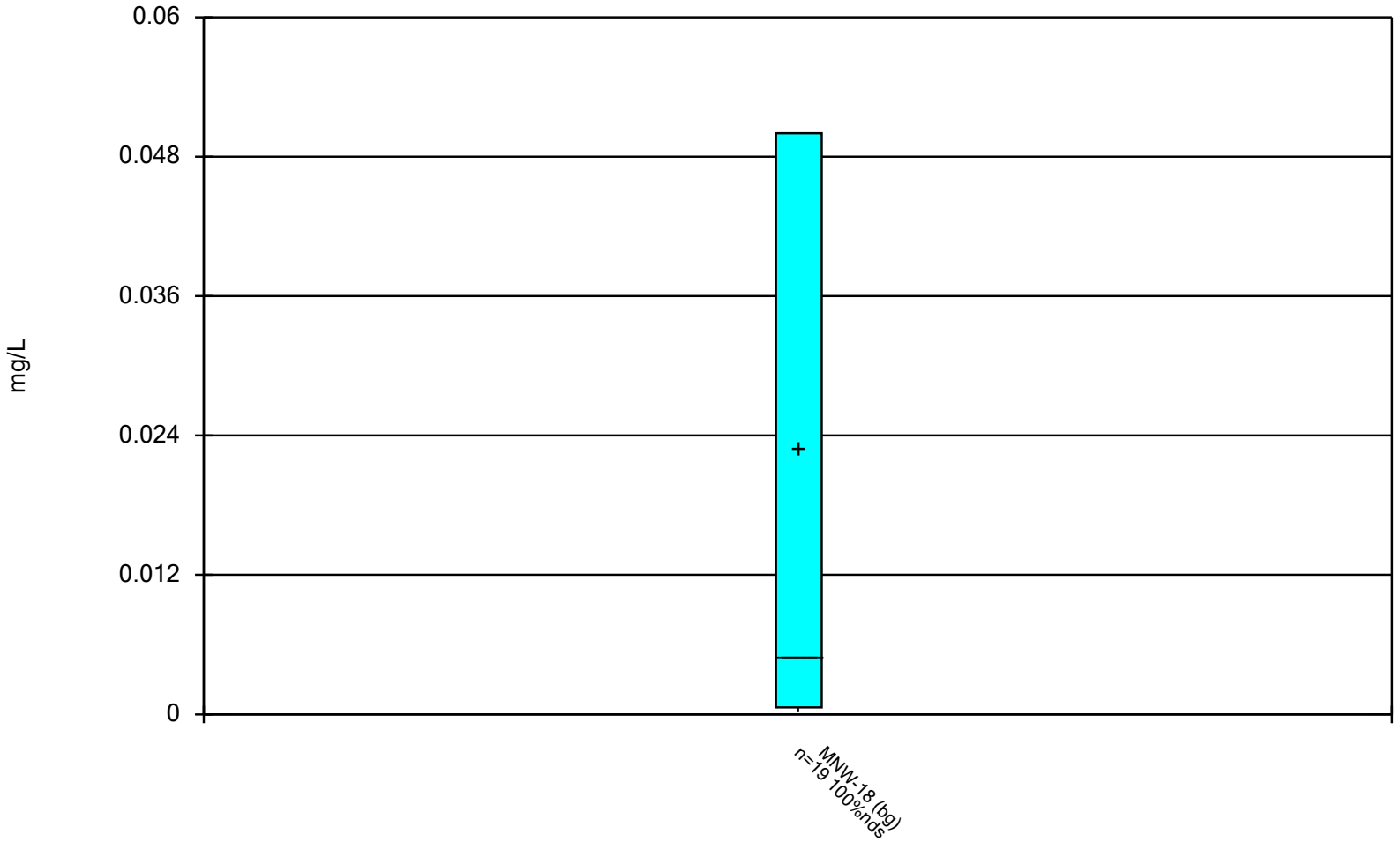


Constituent: Mercury Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

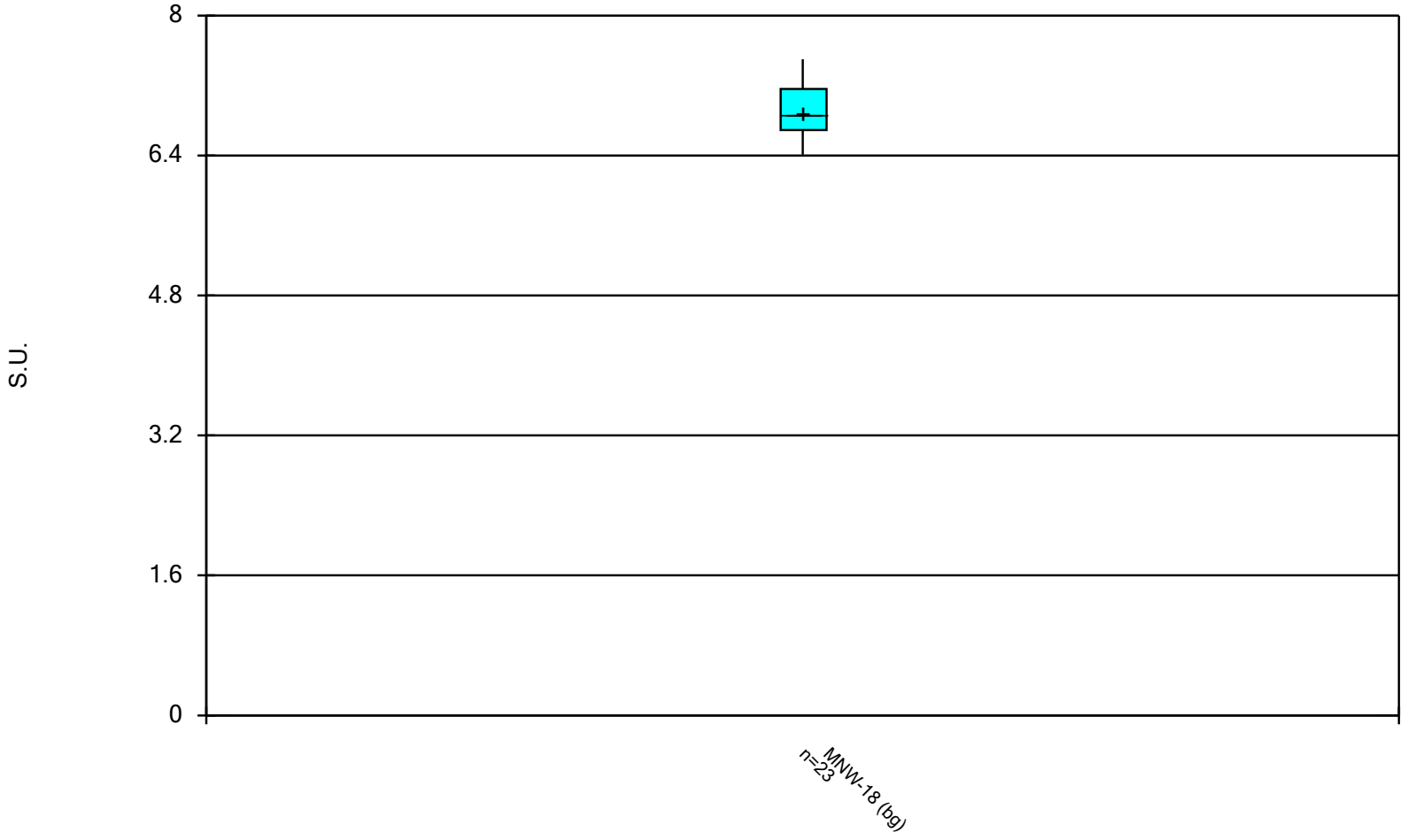


Constituent: Molybdenum Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: pH Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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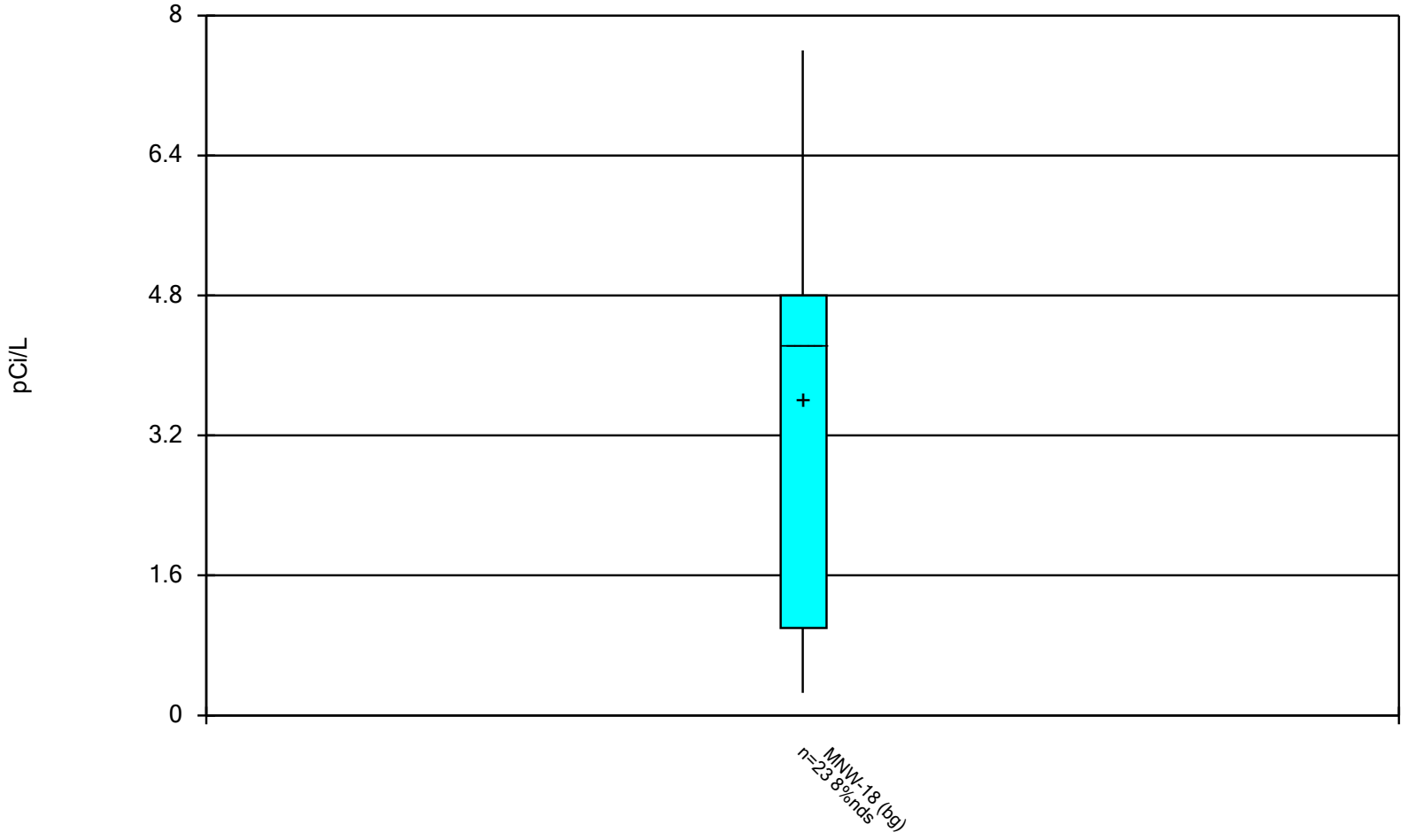
Box & Whiskers Plot

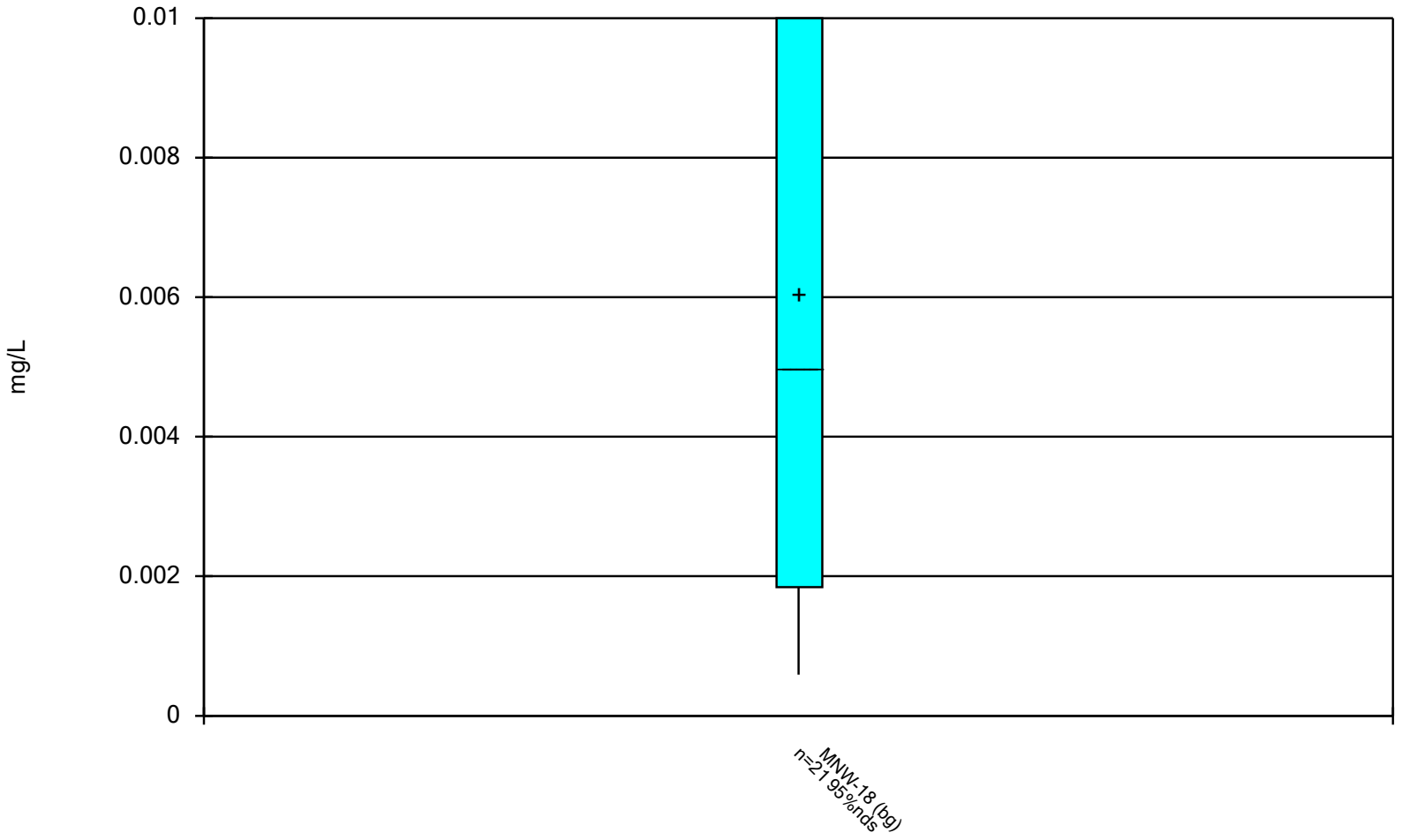


Constituent: Radium 226 + 228 Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Selenium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

Constituent: Sulfate Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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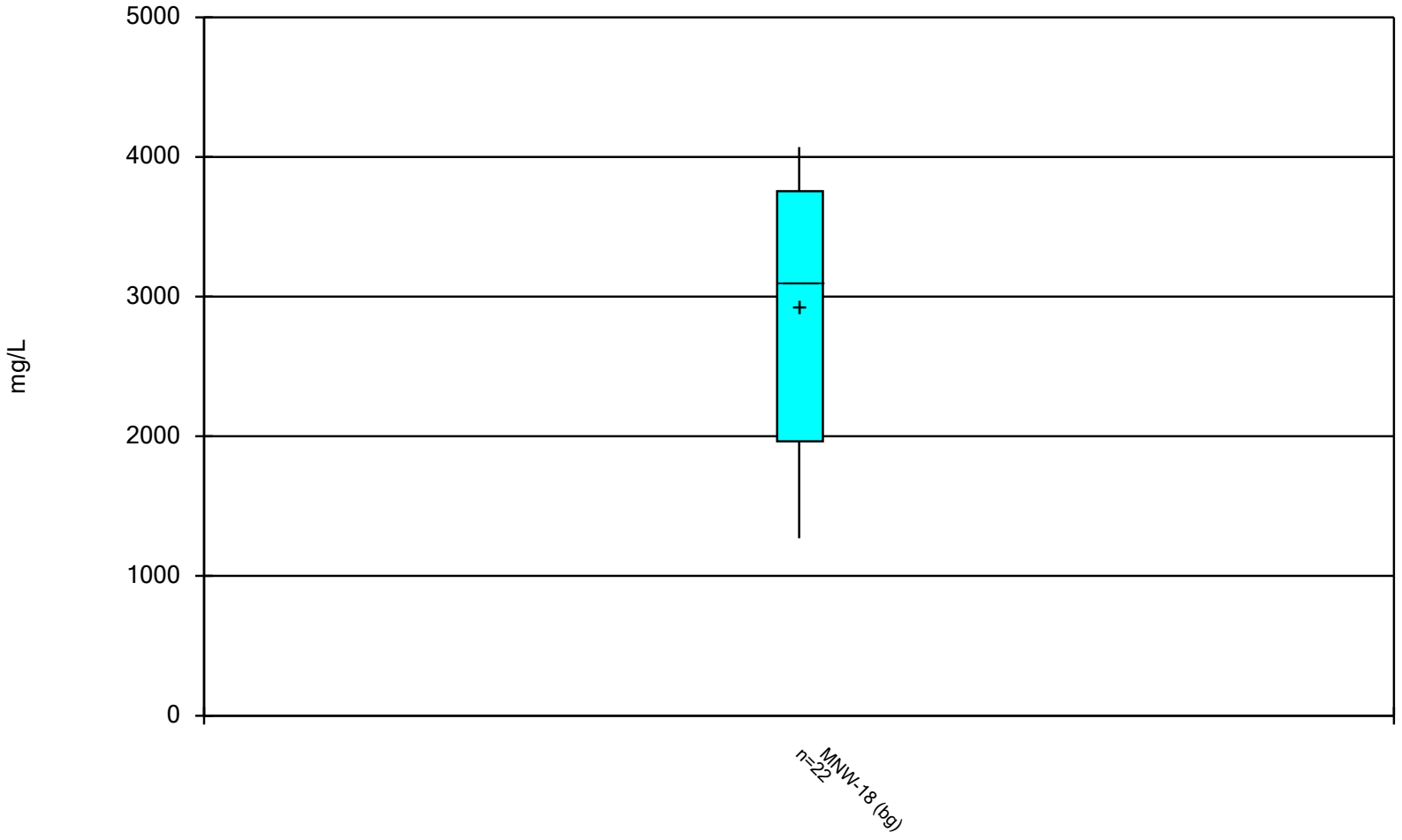
Box & Whiskers Plot



Constituent: TDS Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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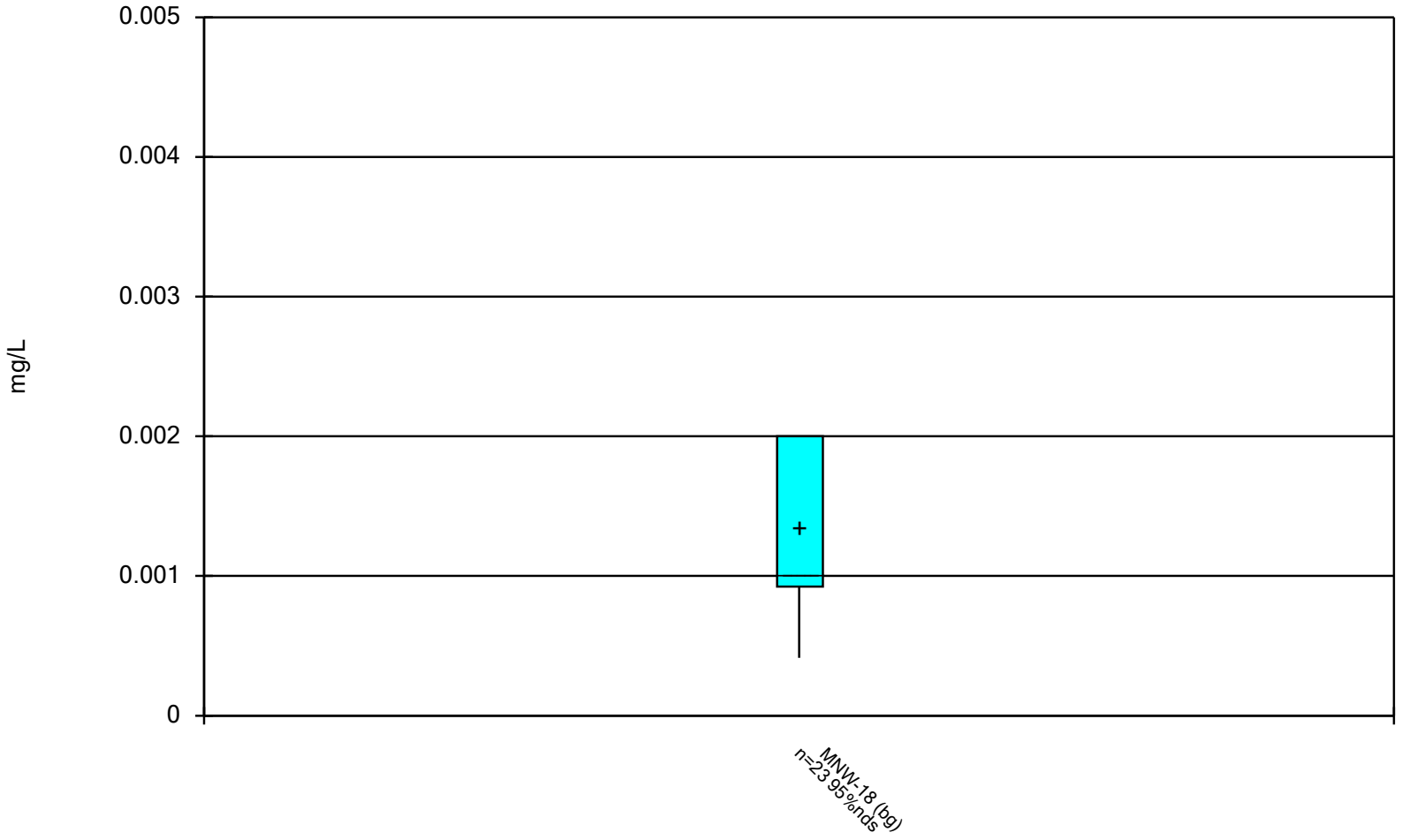
Box & Whiskers Plot



Constituent: Thallium Analysis Run 5/16/2026 12:00 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Box & Whiskers Plot

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:01 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Antimony (mg/L)	MNW-18 (bg)	19	0.003543	0.002204	0.0005056	0.002	0.00075	0.006	84.21
Arsenic (mg/L)	MNW-18 (bg)	19	0.005251	0.004263	0.000978	0.00282	0.000746	0.01	52.63
Barium (mg/L)	MNW-18 (bg)	20	0.03231	0.0226	0.005053	0.04495	0.003355	0.06	10
Beryllium (mg/L)	MNW-18 (bg)	22	0.001843	0.001357	0.0002893	0.0015	0.000184	0.004	95.45
Boron (mg/L)	MNW-18 (bg)	19	0.3913	0.07314	0.01678	0.395	0.262	0.54	0
Cadmium (mg/L)	MNW-18 (bg)	22	0.002642	0.002222	0.0004737	0.001	0.000217	0.005	100
Calcium (mg/L)	MNW-18 (bg)	20	295.6	112.8	25.22	308.5	122	447	0
Chloride (mg/L)	MNW-18 (bg)	21	413.7	139.2	30.37	437	146	590	0
Chromium (mg/L)	MNW-18 (bg)	21	0.005424	0.003941	0.0008599	0.005	0.00056	0.01	85.71
Cobalt (mg/L)	MNW-18 (bg)	23	0.0079	0.009124	0.001902	0.002	0.000261	0.02	82.61
Fluoride (mg/L)	MNW-18 (bg)	21	0.2903	0.3003	0.06554	0.2	0.1	1	23.81
Lead (mg/L)	MNW-18 (bg)	24	0.004351	0.004285	0.0008746	0.00192	0.000167	0.01	87.5
Lithium (mg/L)	MNW-18 (bg)	21	0.3495	0.09649	0.02106	0.365	0.154	0.48	0
Mercury (mg/L)	MNW-18 (bg)	24	0.0004364	0.0004097	0.00008363	0.0002	0.000...	0.001	100
Molybdenum (mg/L)	MNW-18 (bg)	19	0.02302	0.02376	0.00545	0.005	0.000255	0.05	100
pH (S.U.)	MNW-18 (bg)	23	6.897	0.2911	0.0607	6.86	6.41	7.5	0
Radium 226 + 228 (pCi/L)	MNW-18 (bg)	23	3.614	2.284	0.4762	4.25	0.2575	7.6	8.696
Selenium (mg/L)	MNW-18 (bg)	21	0.006059	0.003872	0.0008449	0.005	0.00059	0.01	95.24
Sulfate (mg/L)	MNW-18 (bg)	21	1457	533.7	116.5	1470	520	2200	0
TDS (mg/L)	MNW-18 (bg)	22	2924	954.9	203.6	3105	1270	4070	0
Thallium (mg/L)	MNW-18 (bg)	23	0.001355	0.0006614	0.0001379	0.001	0.000415	0.002	95.65

SSP/APs CCR Units - Shallow

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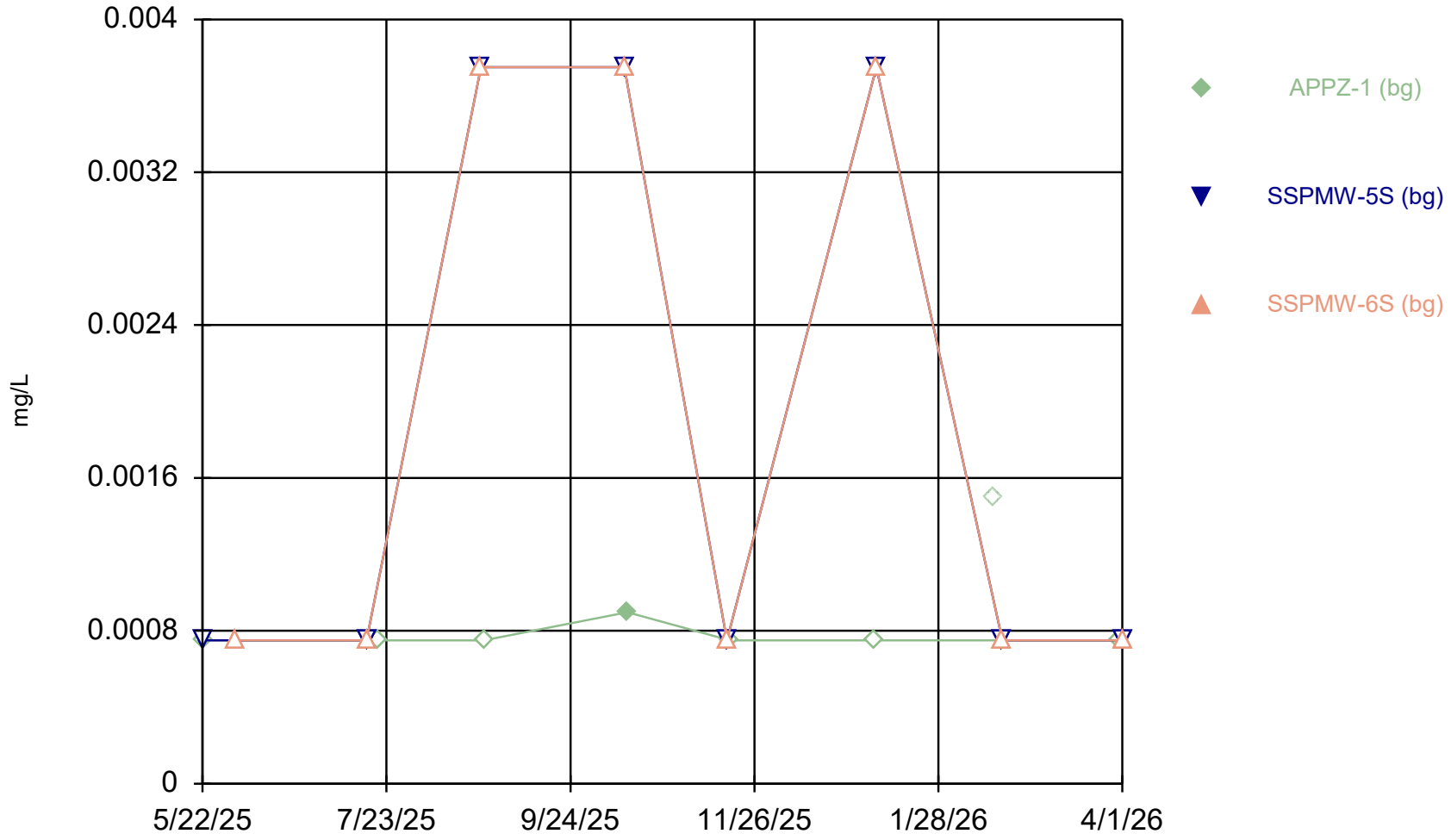
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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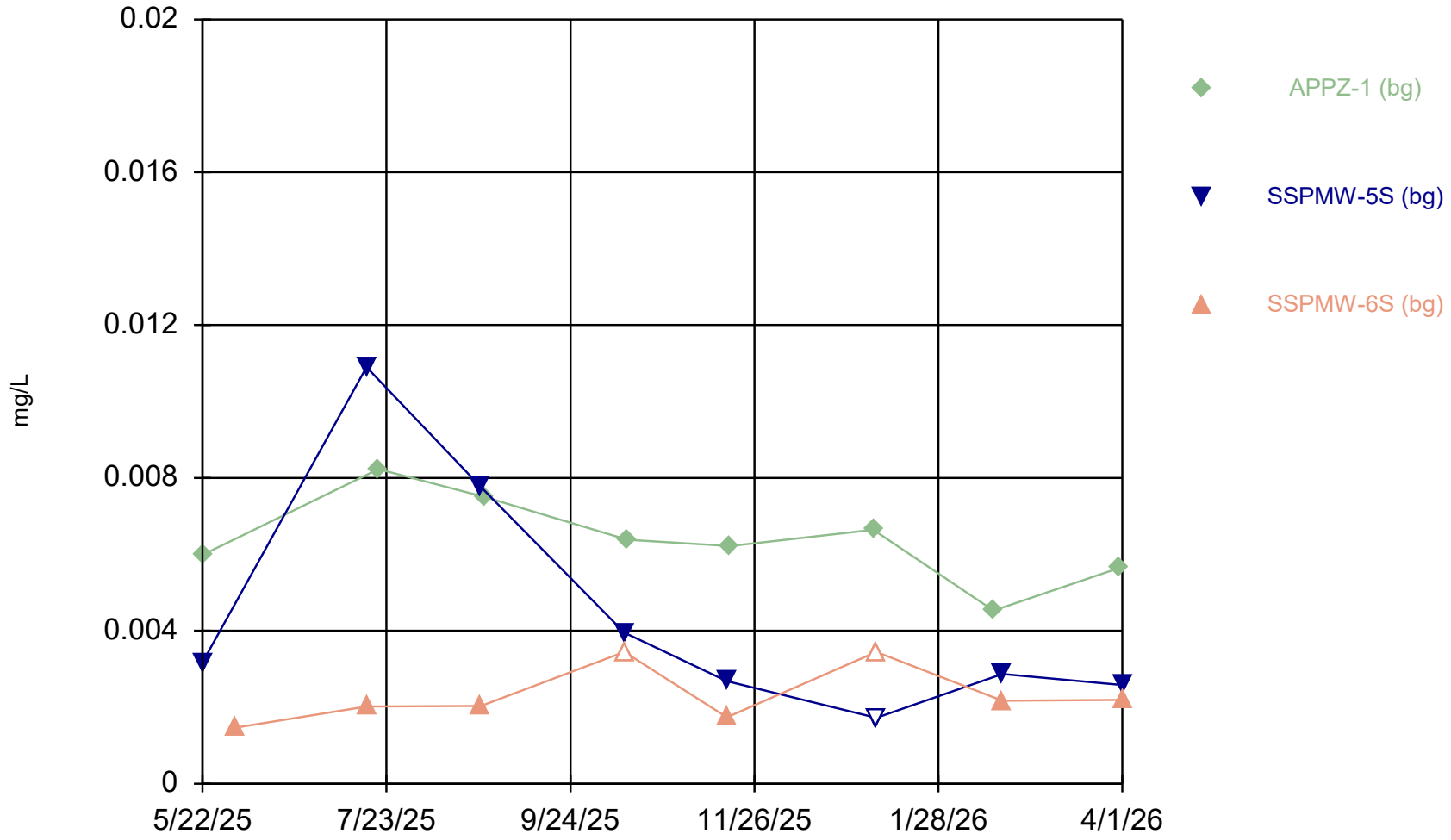
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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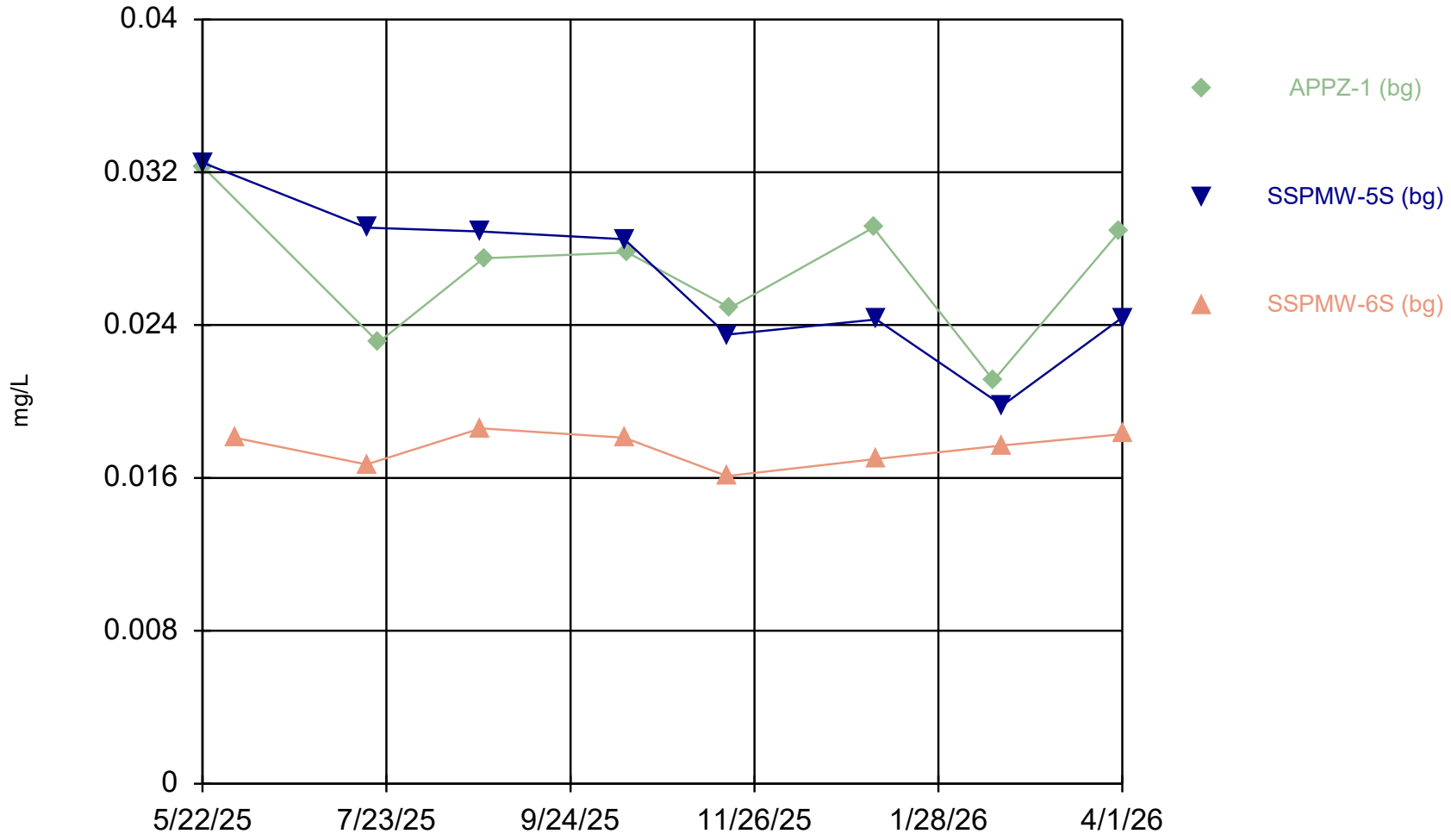
Time Series



Constituent: Barium Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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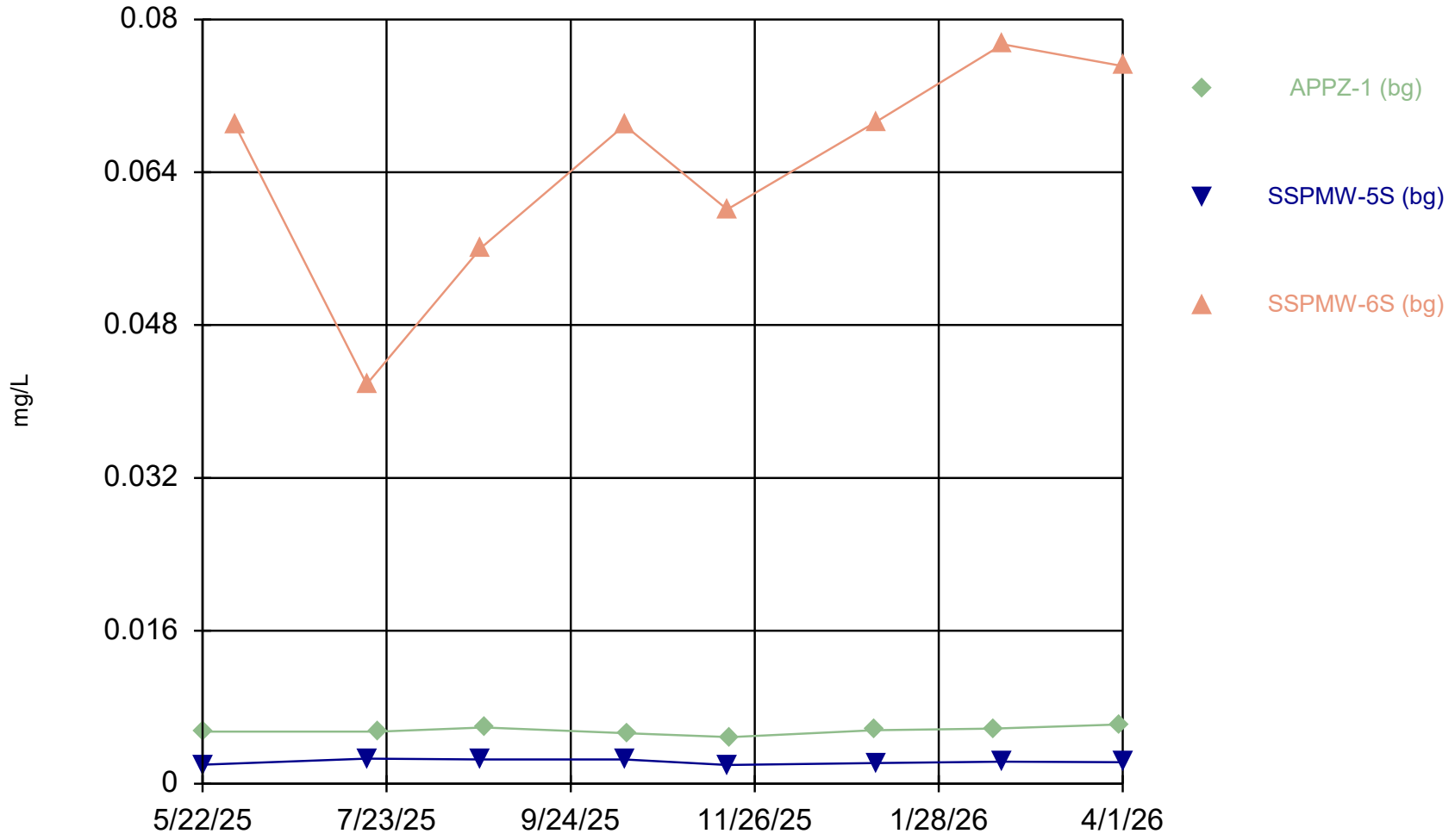
Time Series



Constituent: Beryllium Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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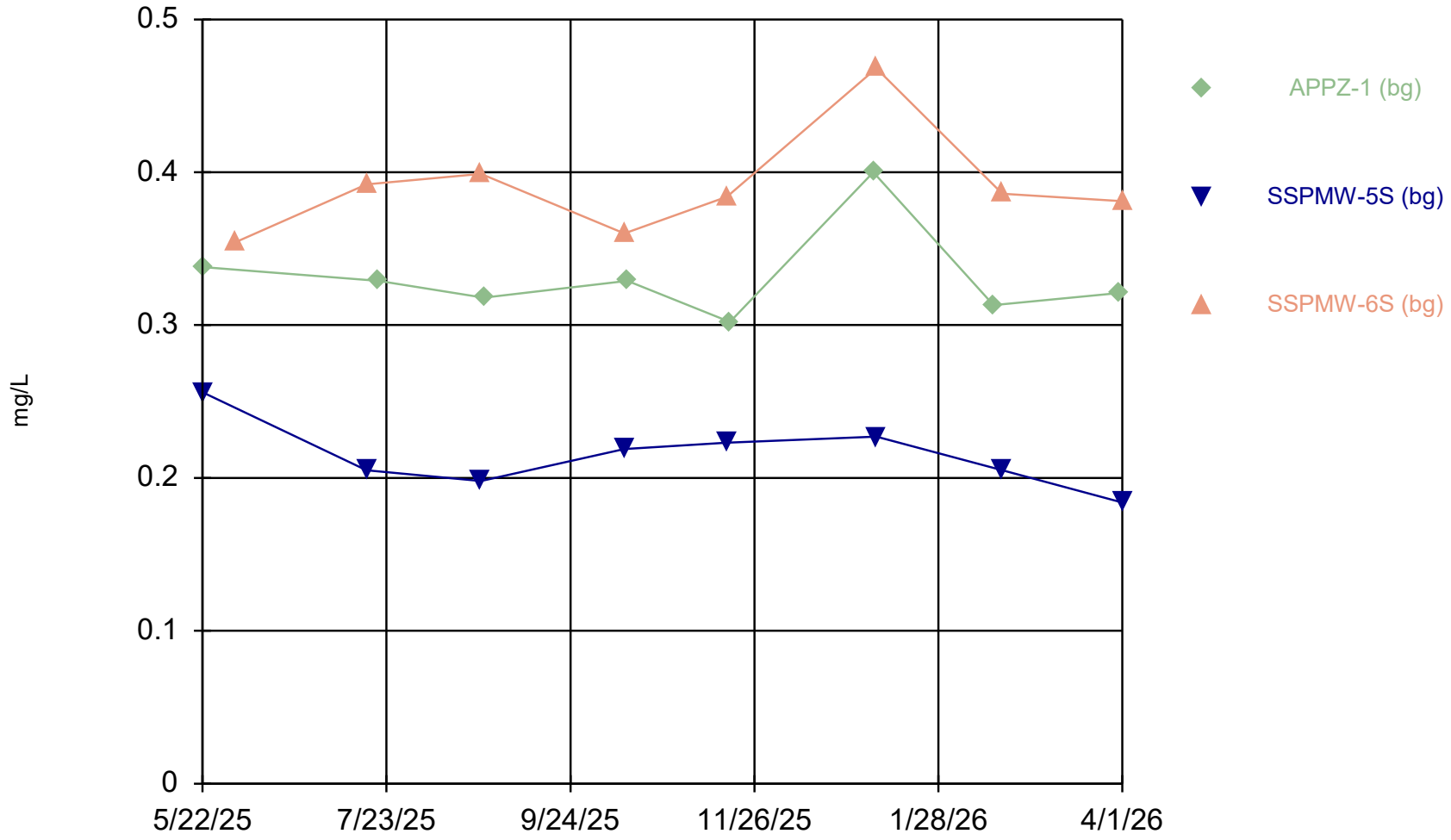
Time Series



Constituent: Boron Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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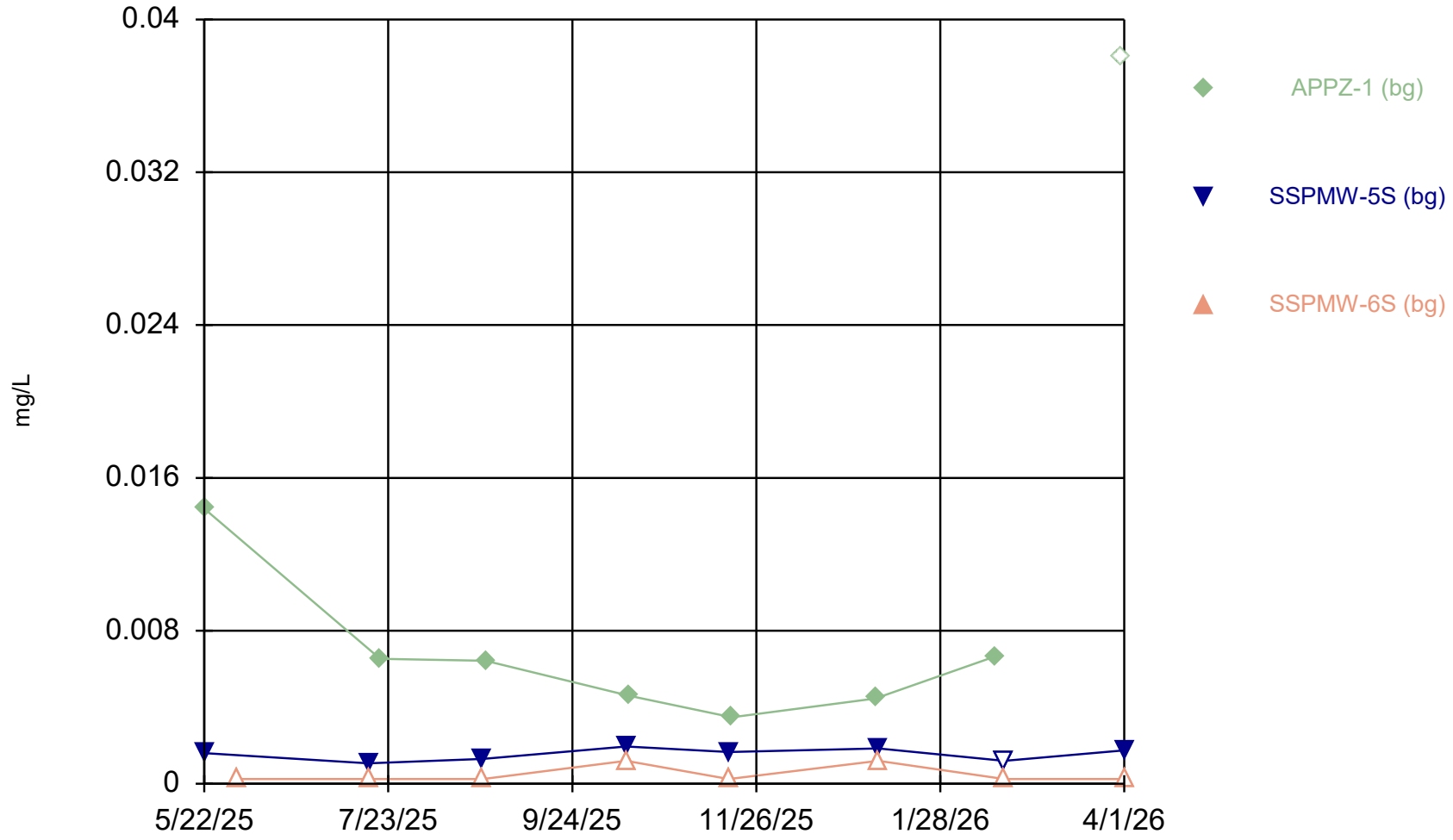
Hollow symbols indicate censored values.

Time Series



Constituent: Cadmium Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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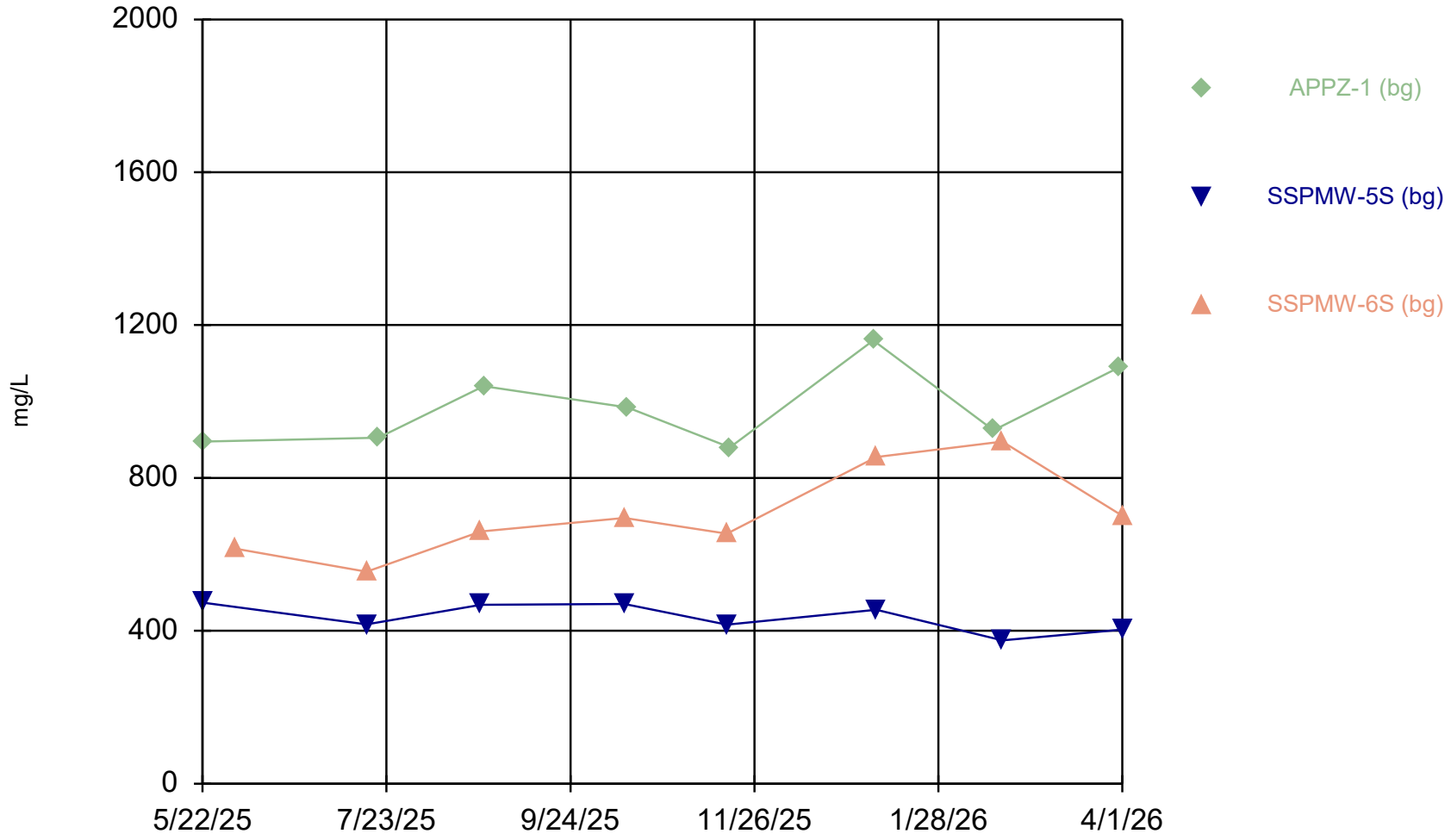
Time Series



Constituent: Calcium Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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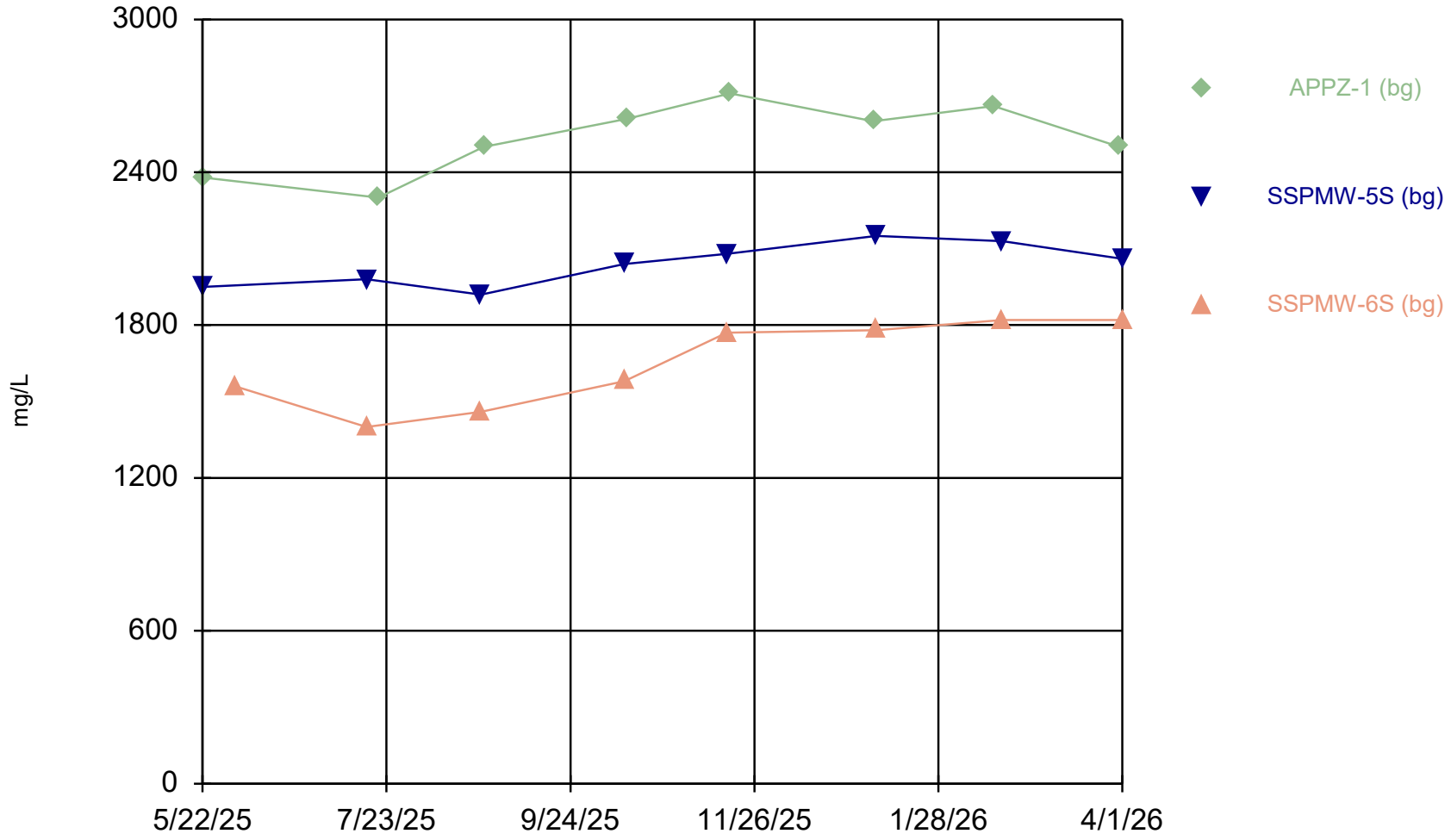
Time Series

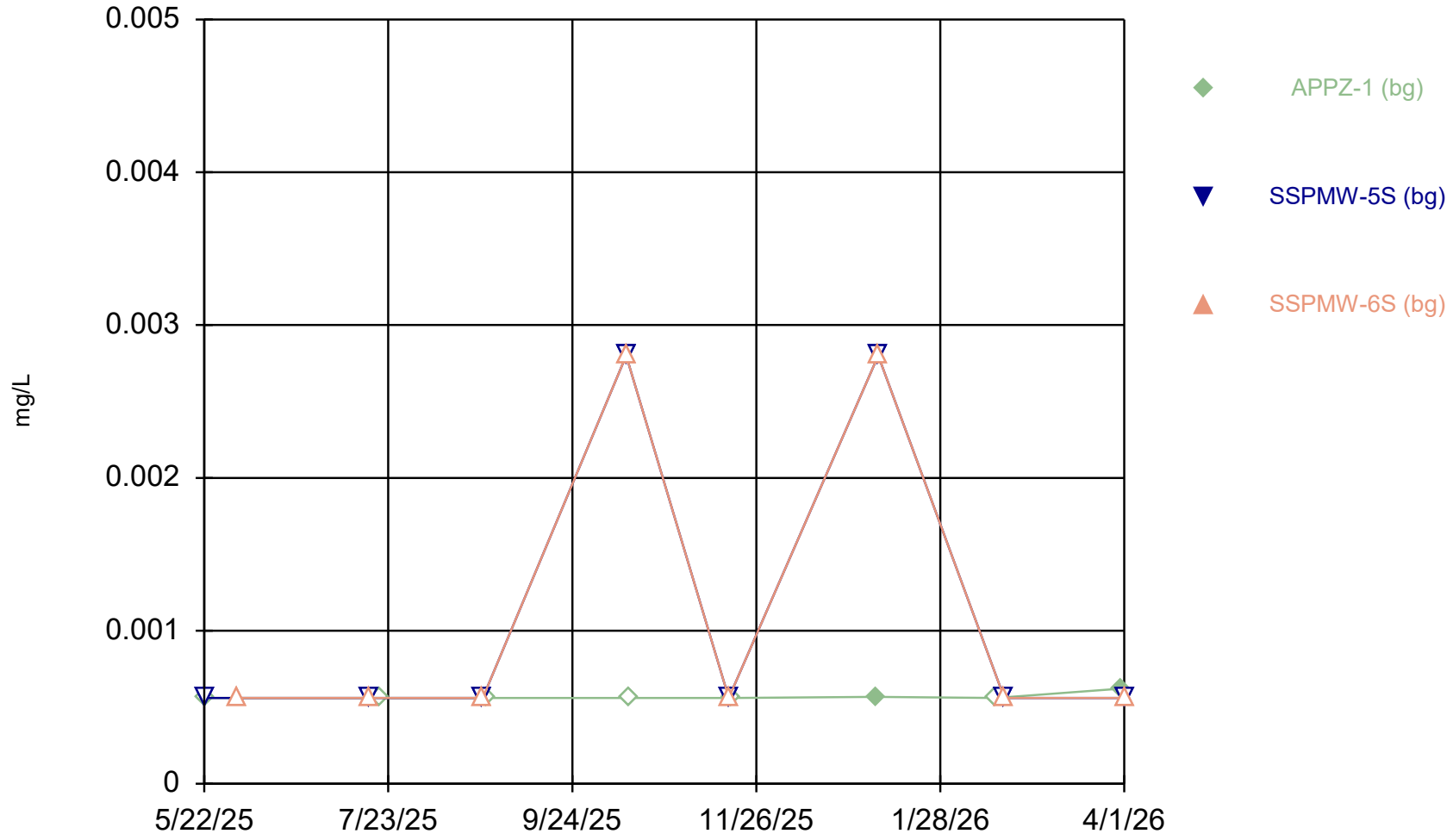


Constituent: Chloride Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

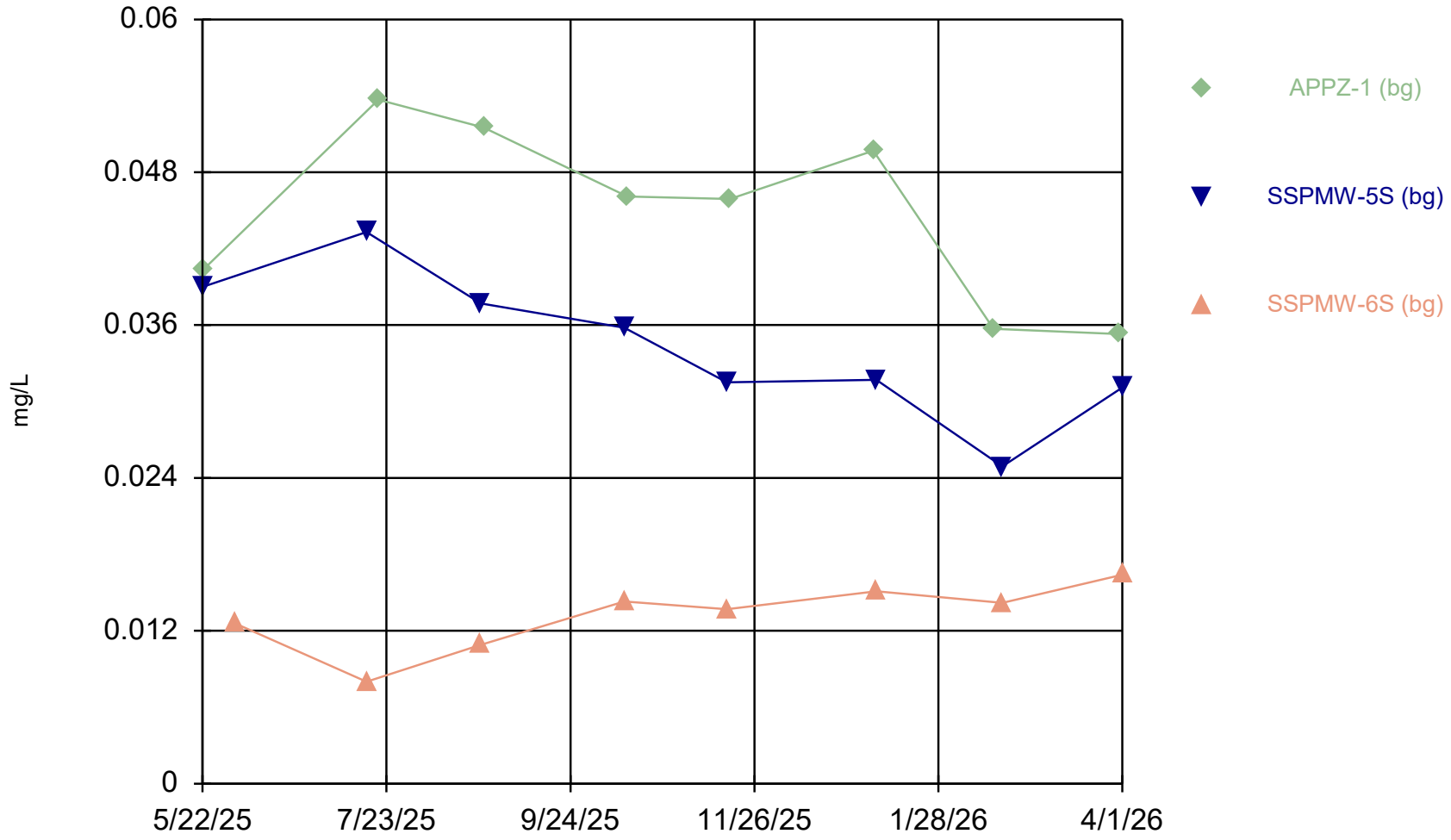


Constituent: Chromium Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

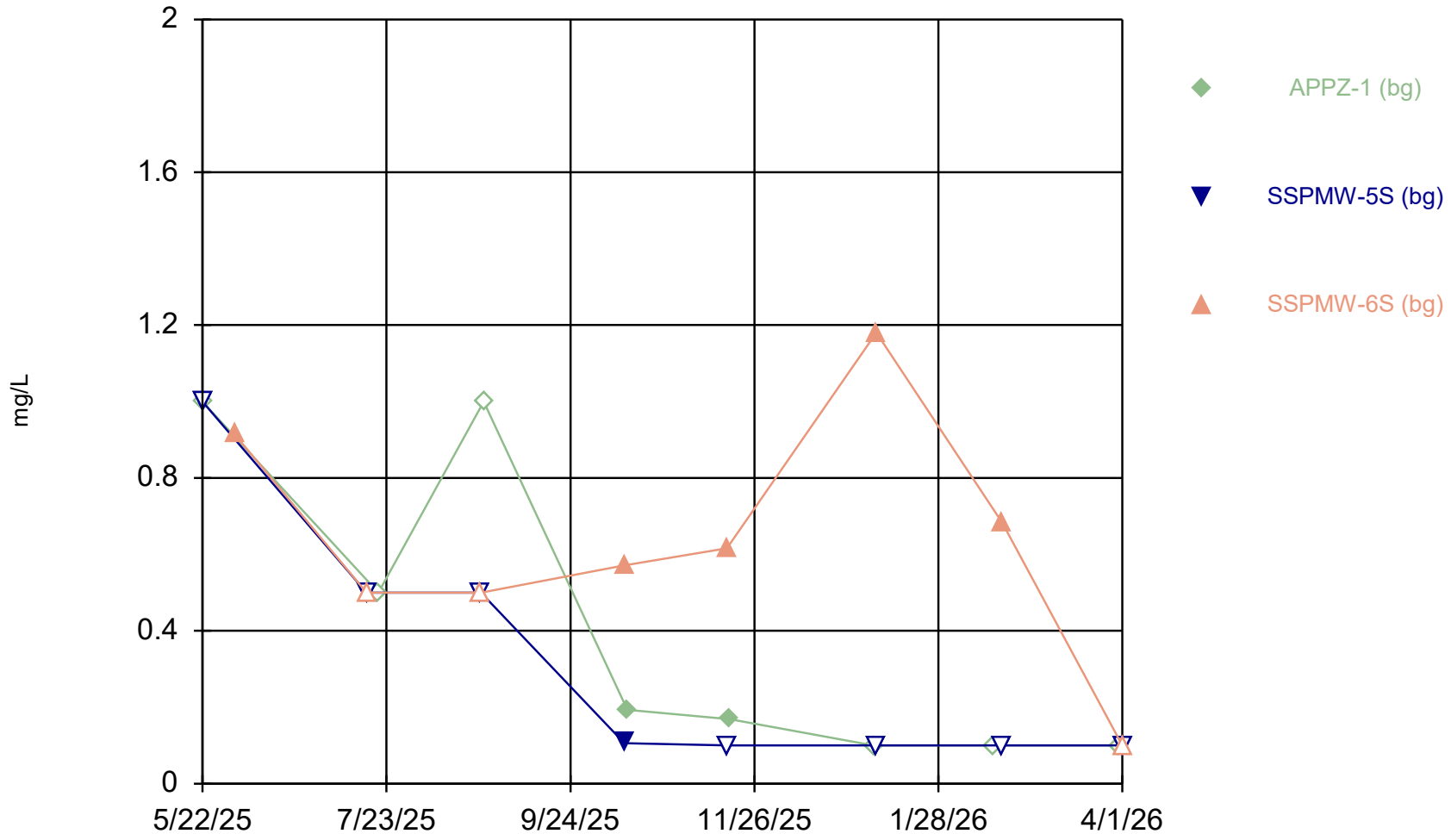


Constituent: Cobalt Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

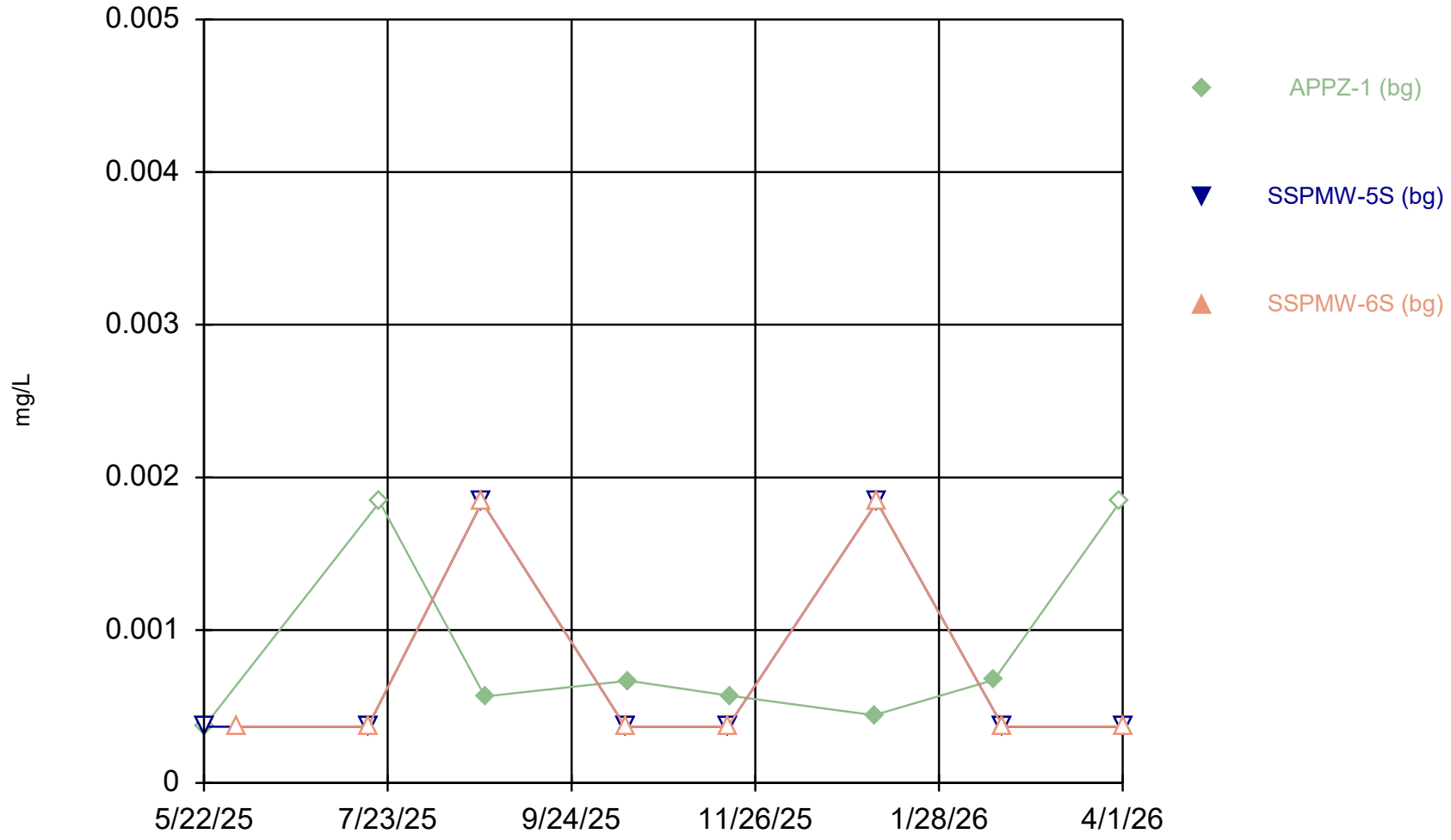


Constituent: Fluoride Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

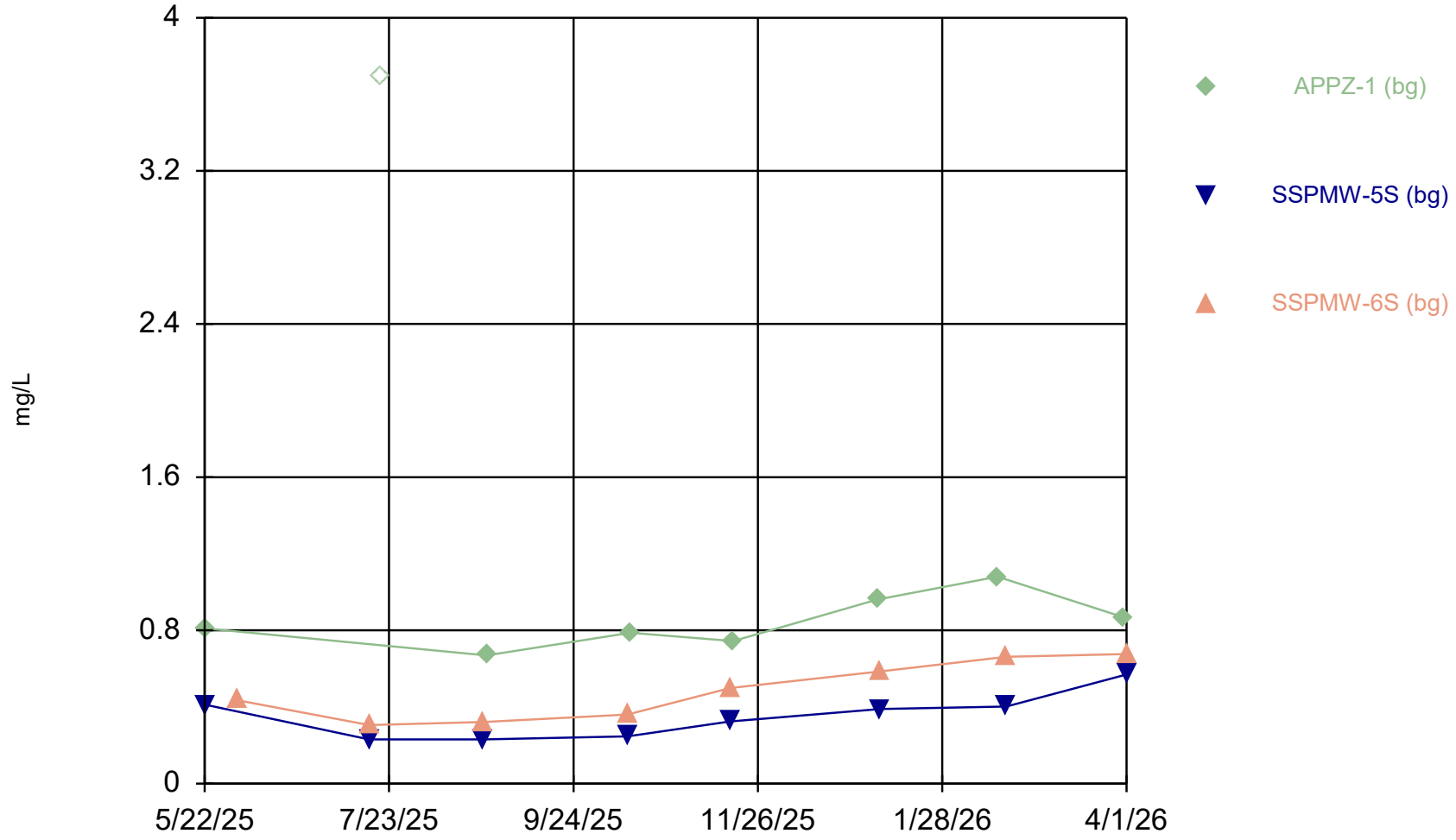


Constituent: Lead Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

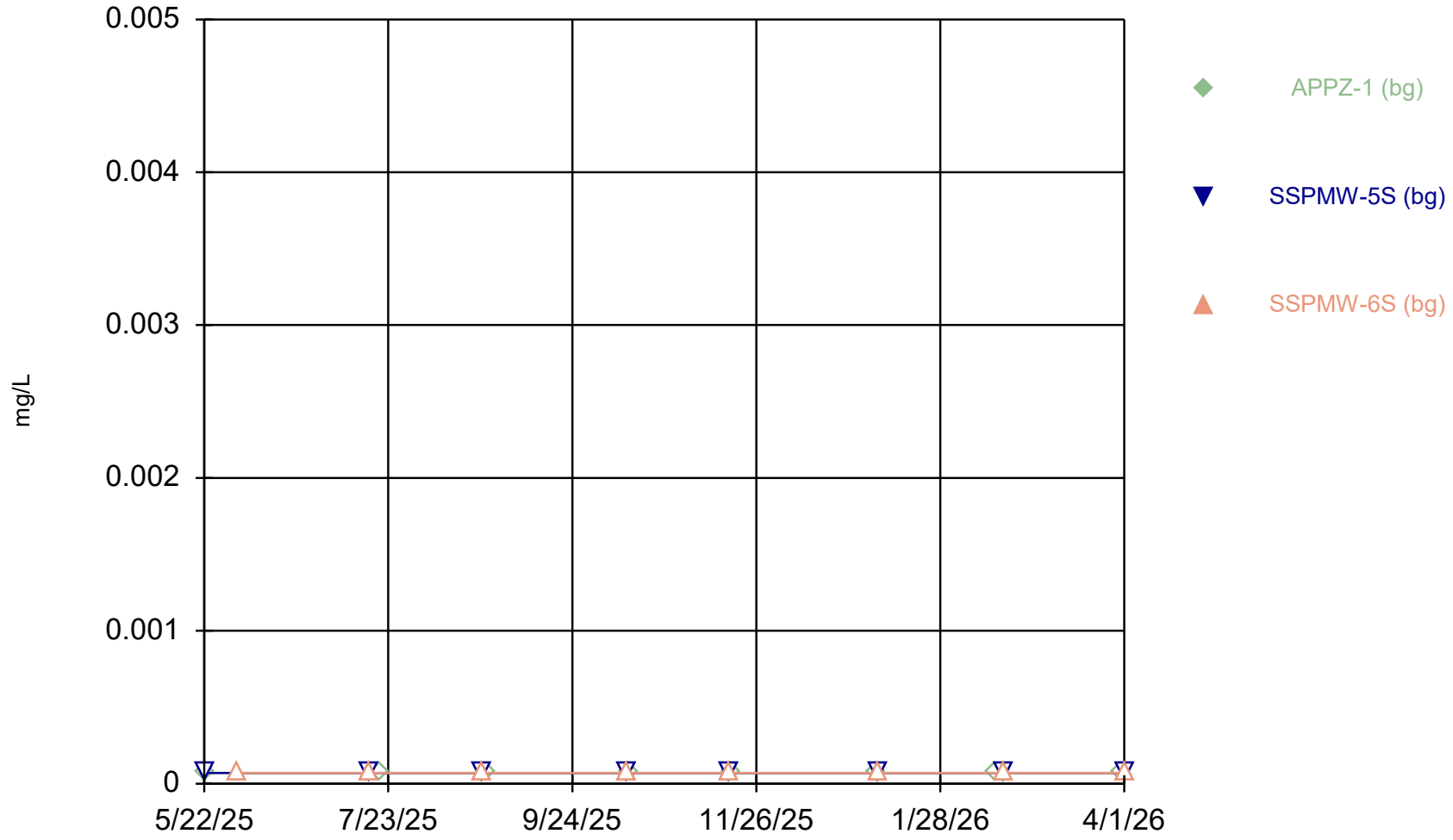


Constituent: Lithium Analysis Run 5/16/2026 12:06 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

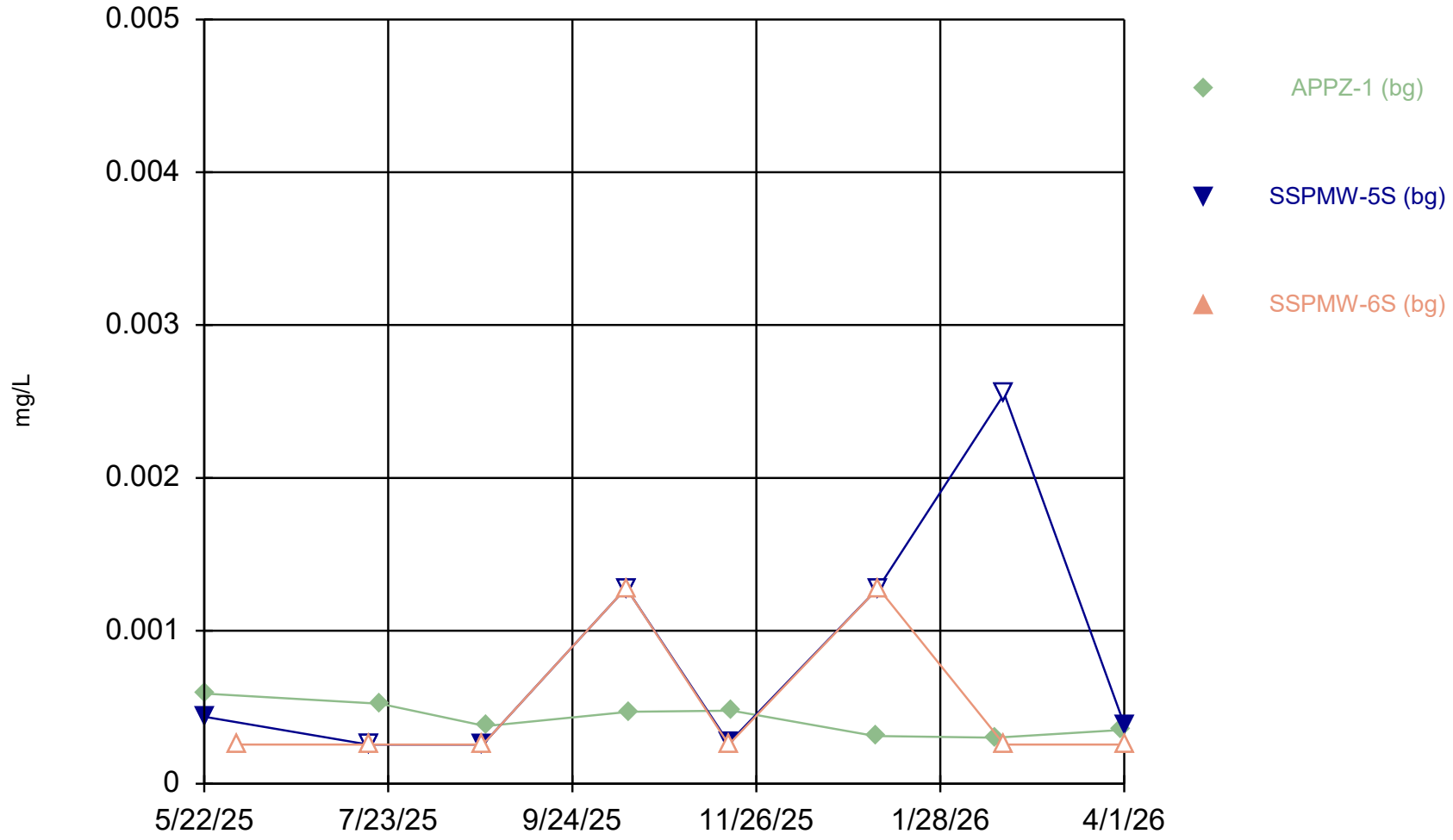


Constituent: Mercury Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

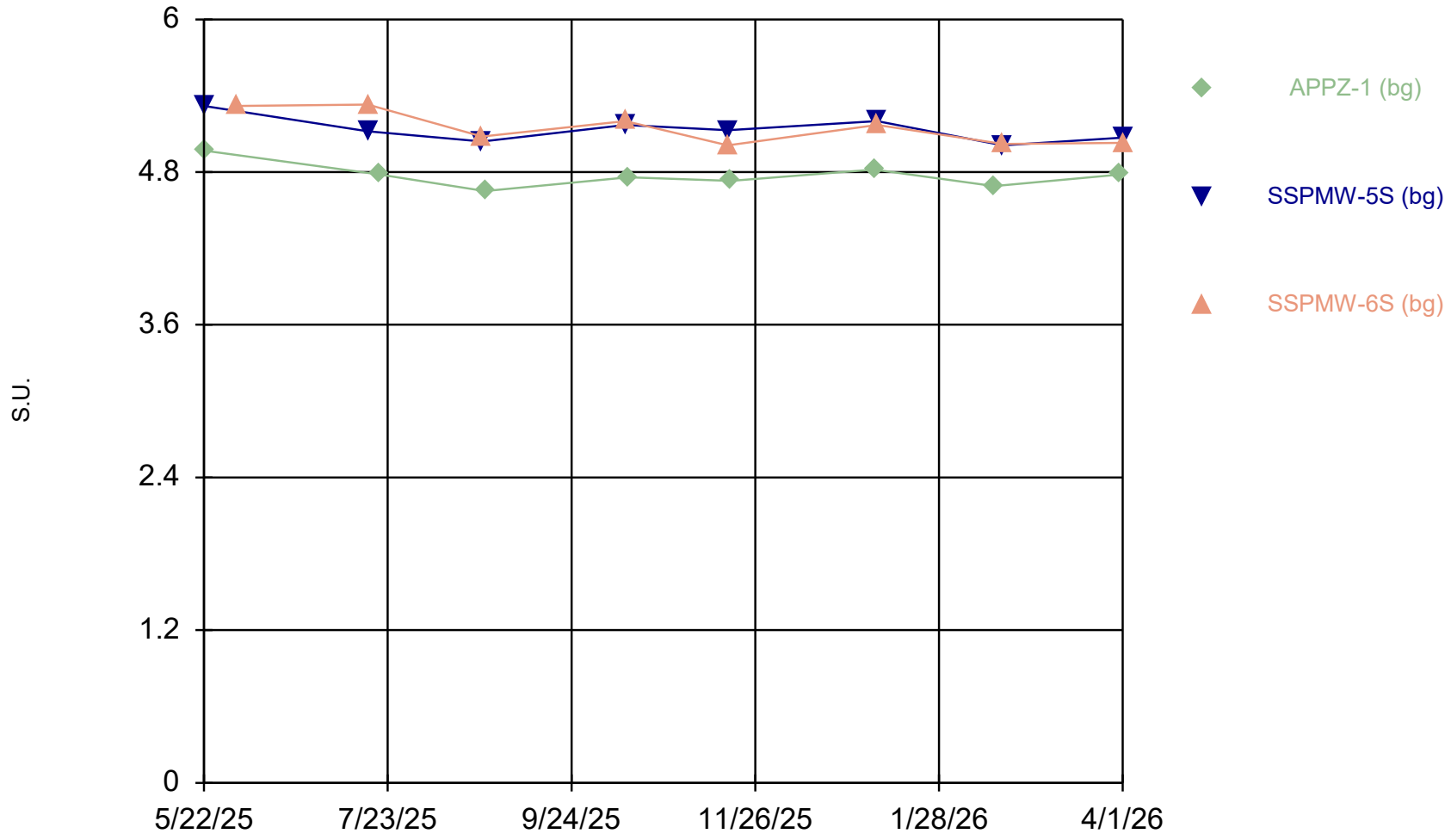


Constituent: Molybdenum Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

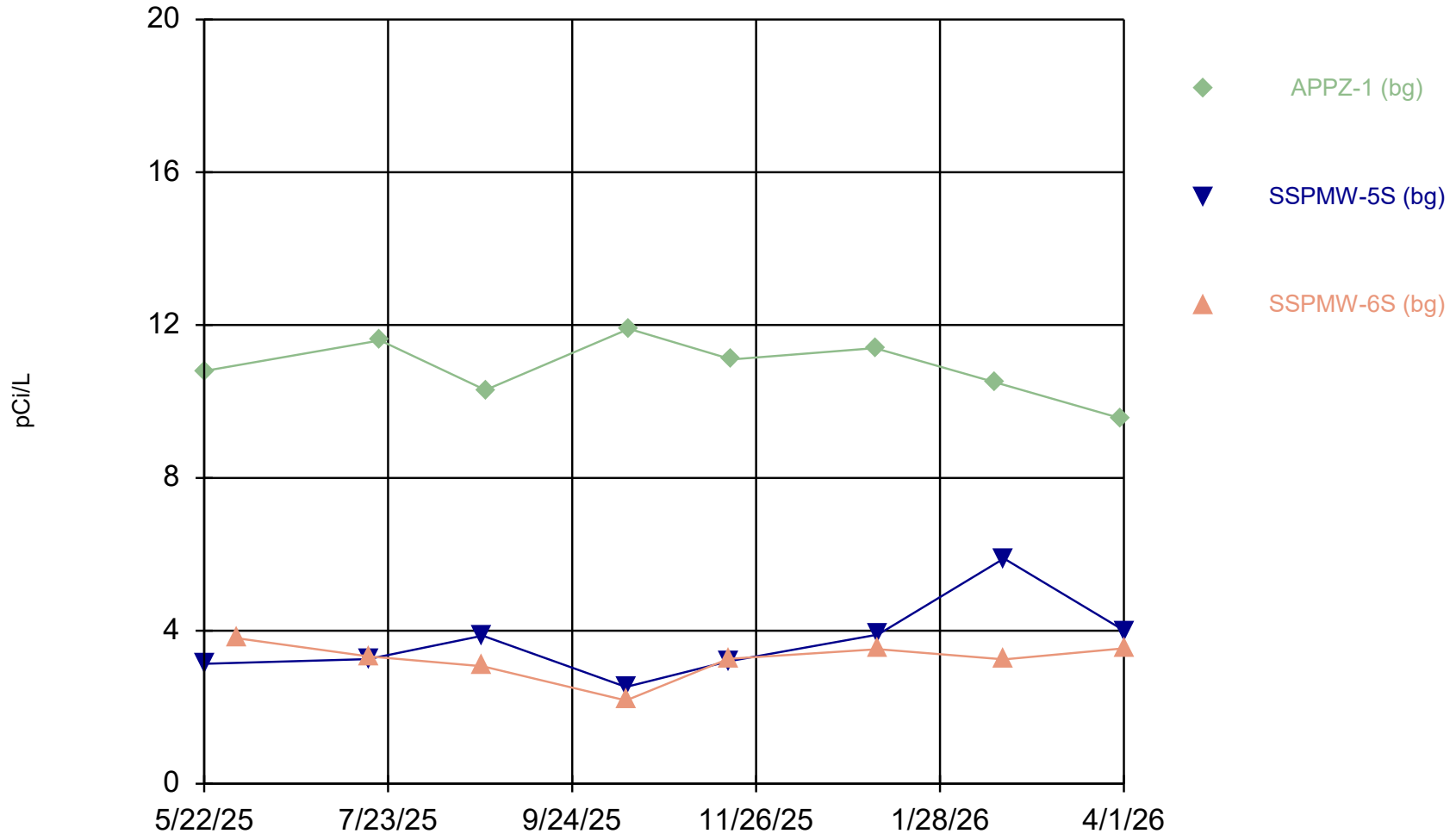


Constituent: pH Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

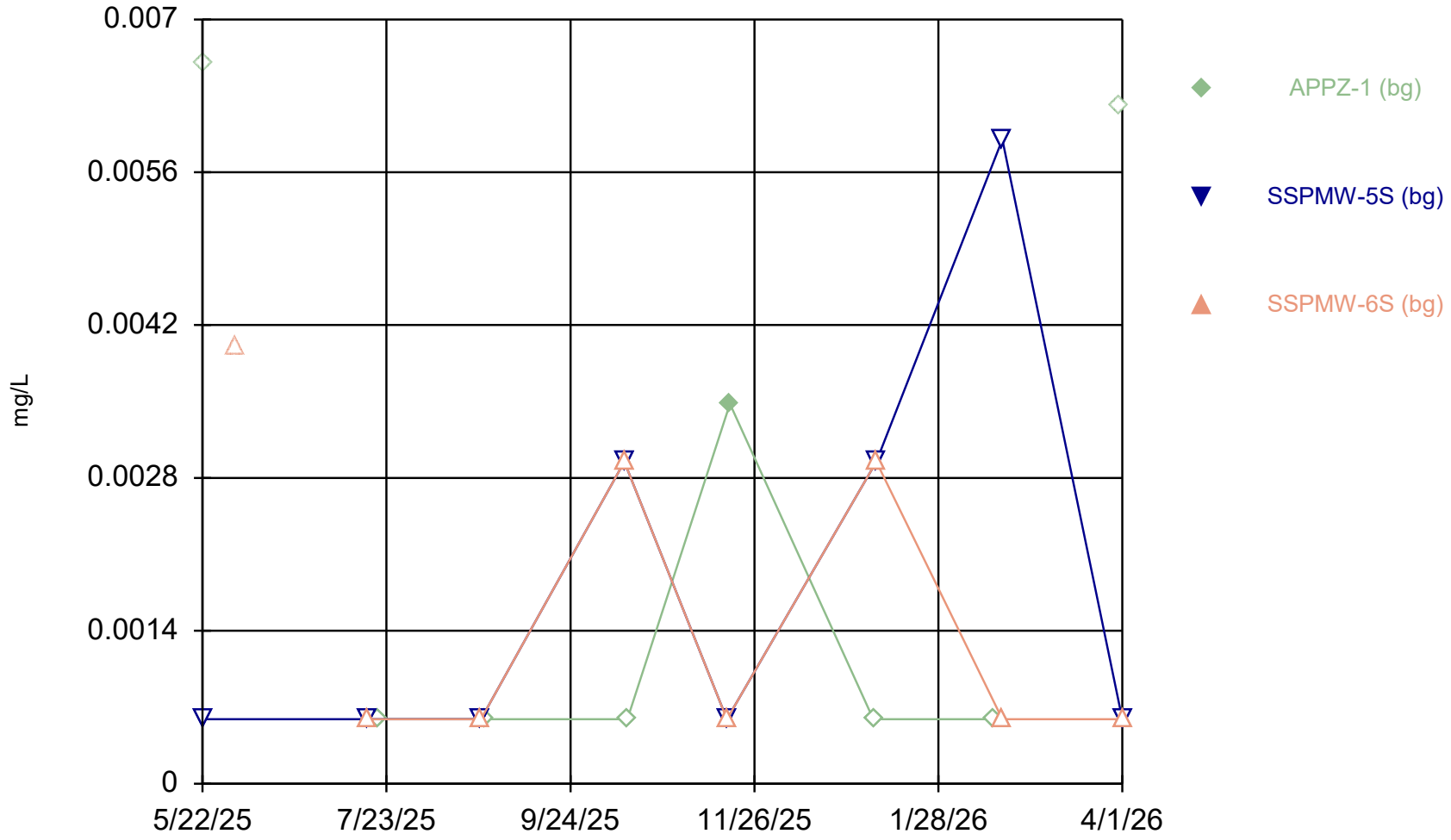


Constituent: Radium 226 + 228 Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Backg

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

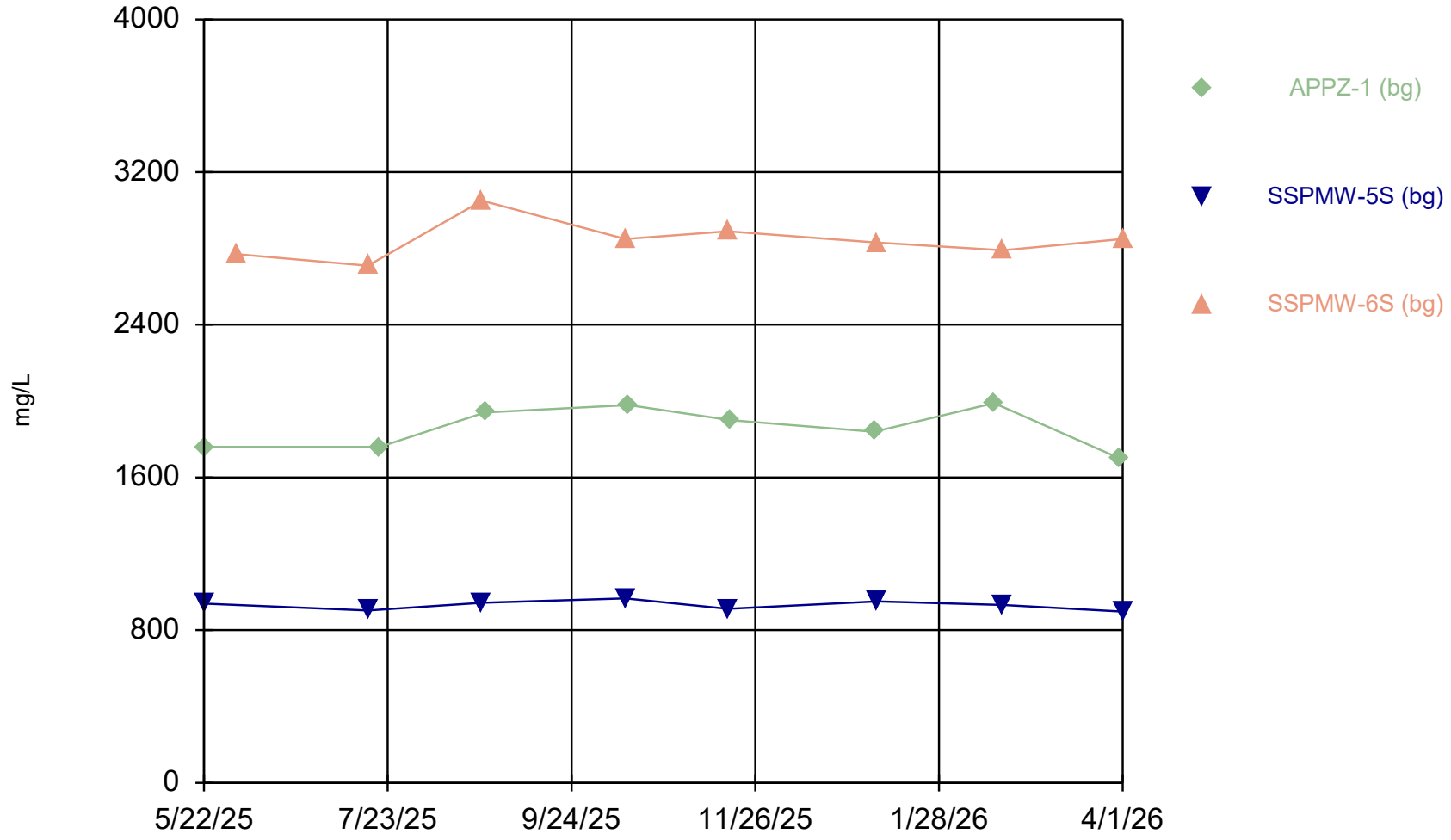


Constituent: Selenium Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Time Series

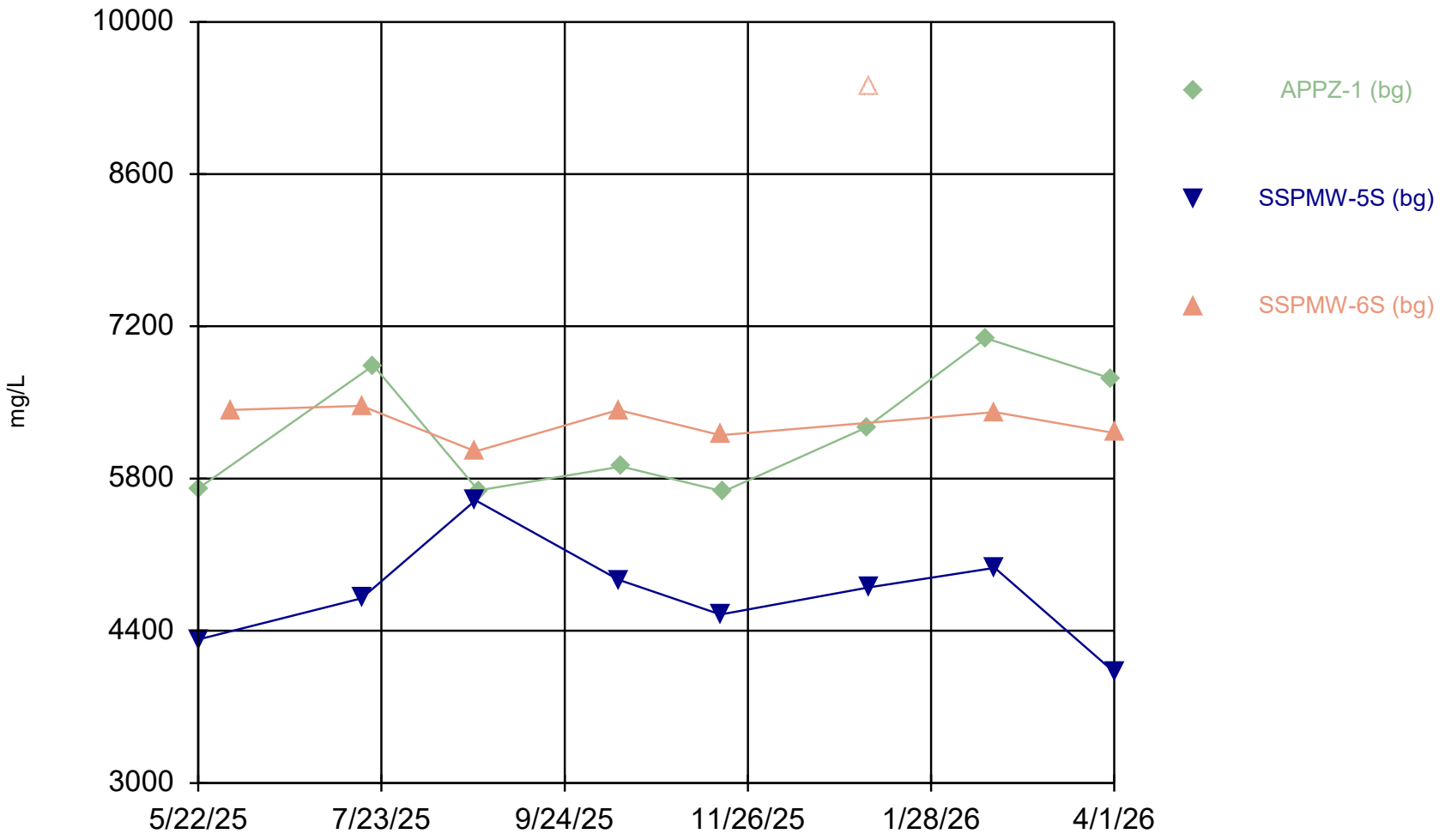


Constituent: Sulfate Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

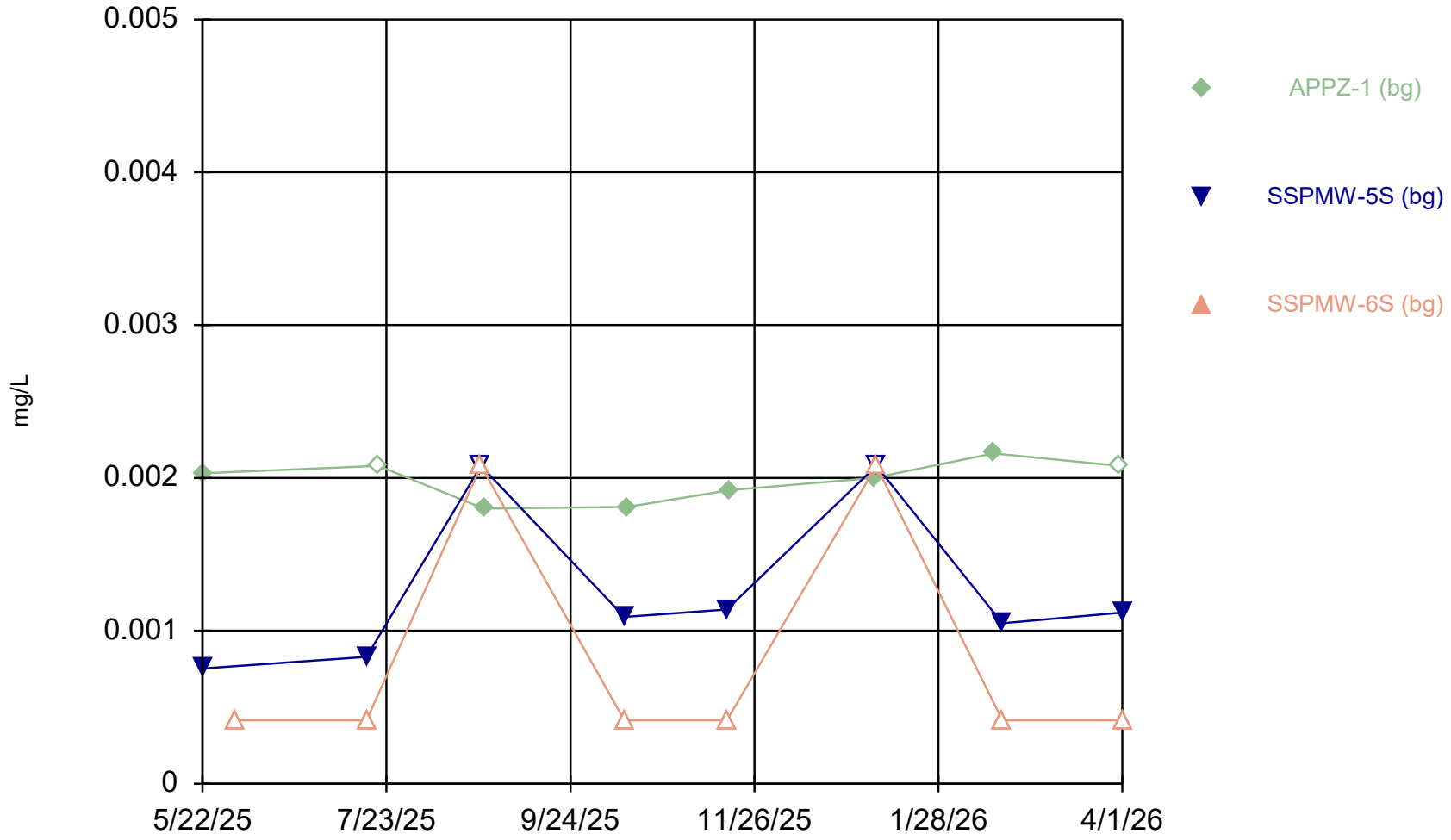


Constituent: TDS Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA
Hollow symbols indicate censored values.

Time Series

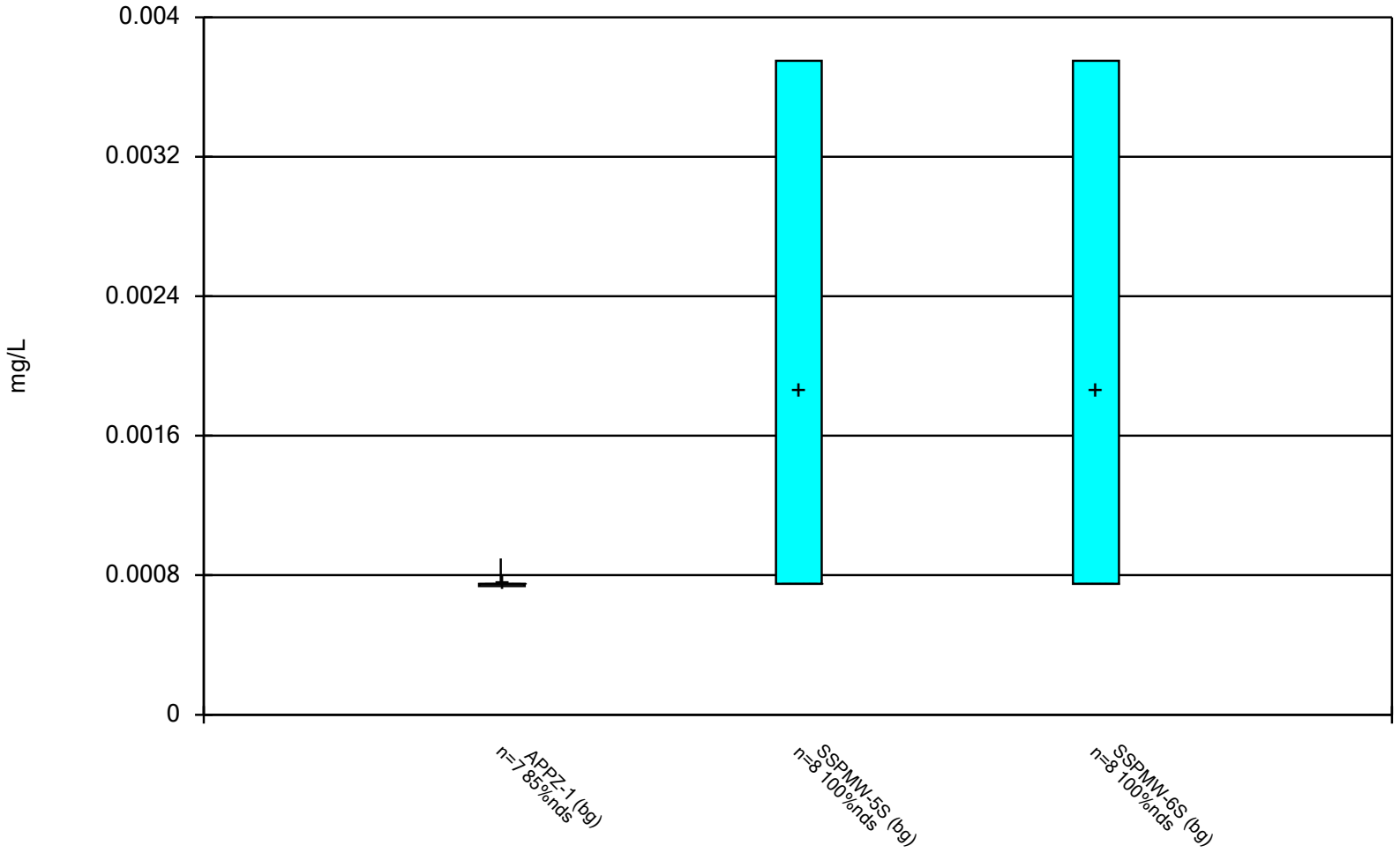


Constituent: Thallium Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

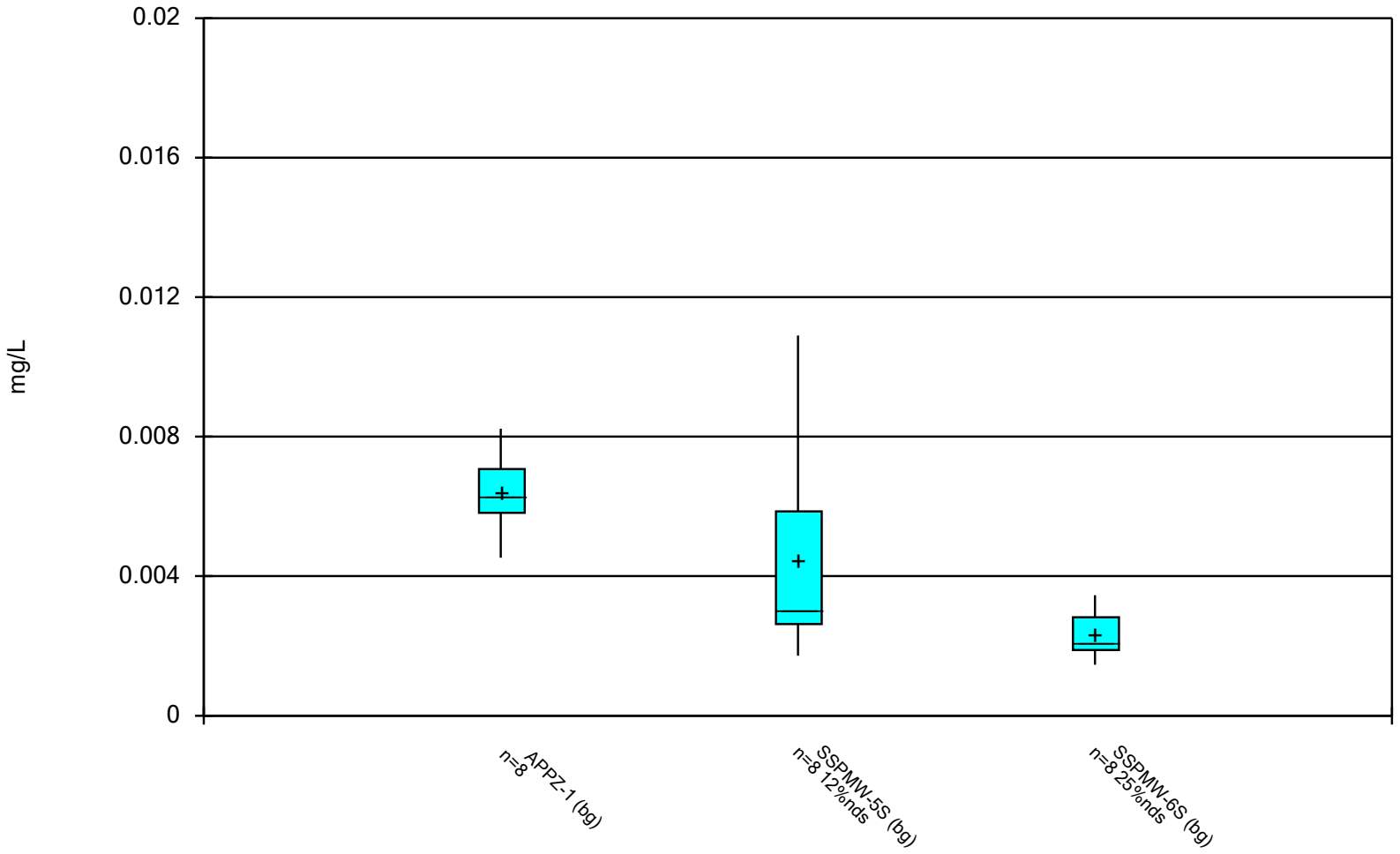


Constituent: Antimony Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

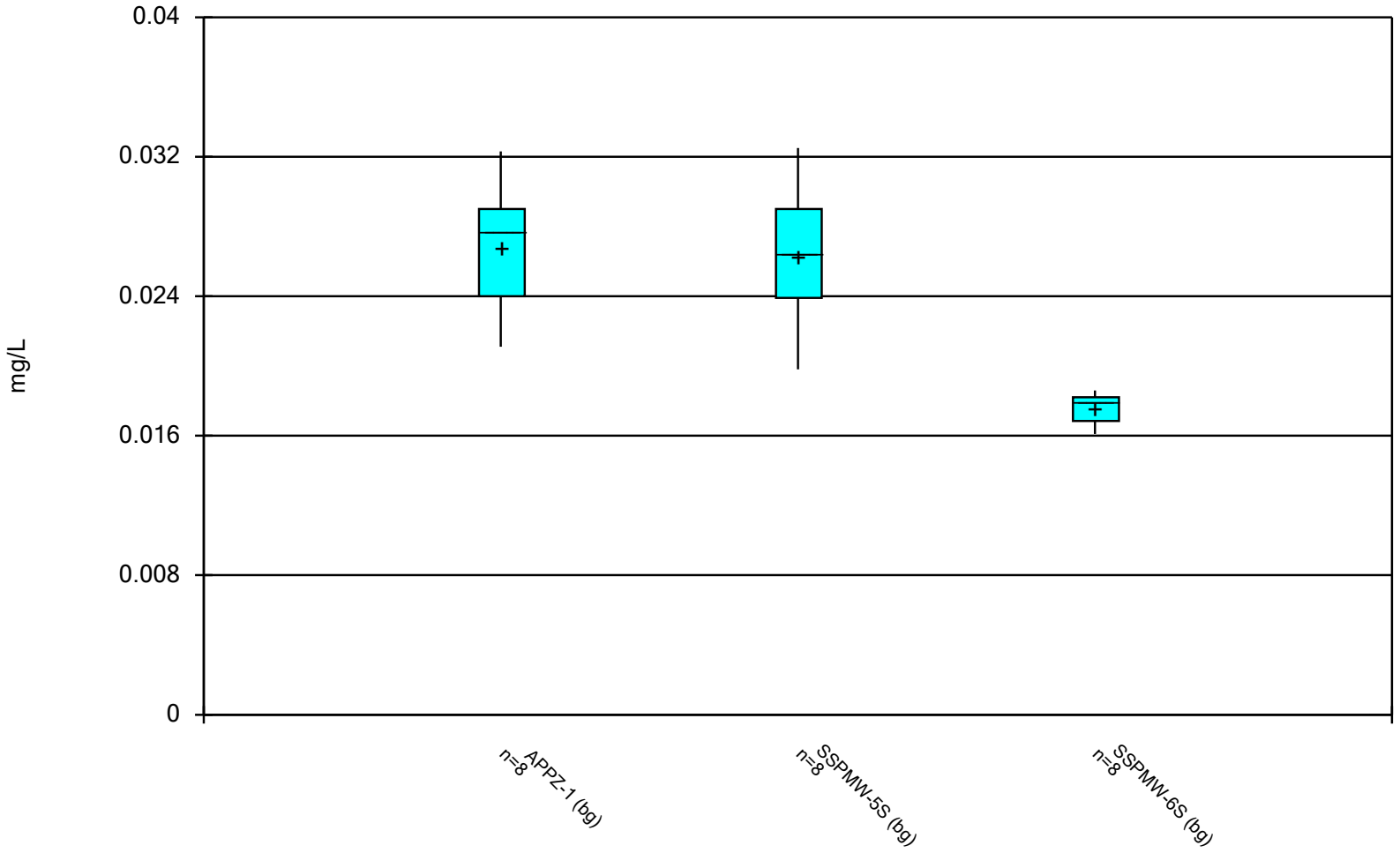


Constituent: Arsenic Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

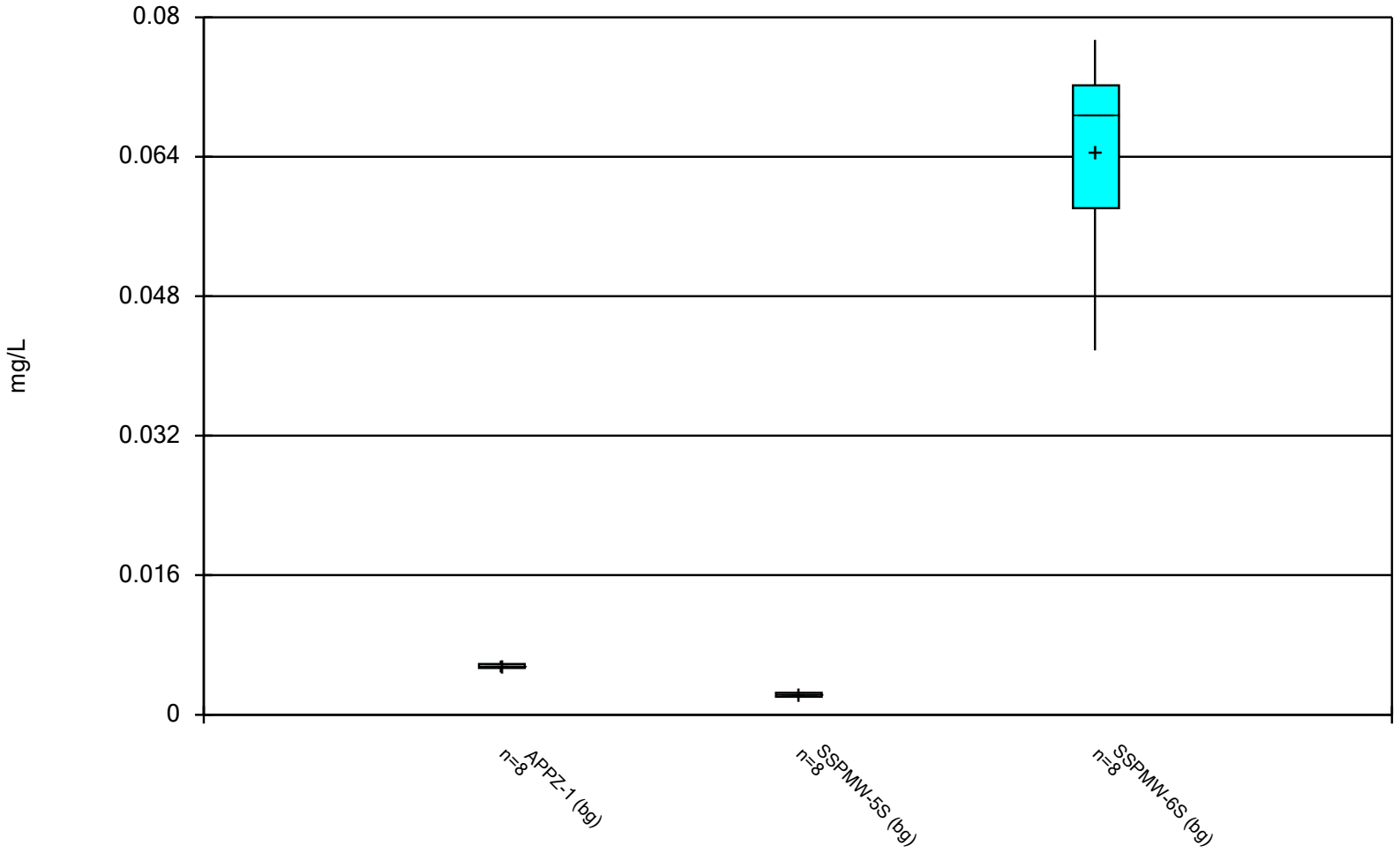


Constituent: Barium Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

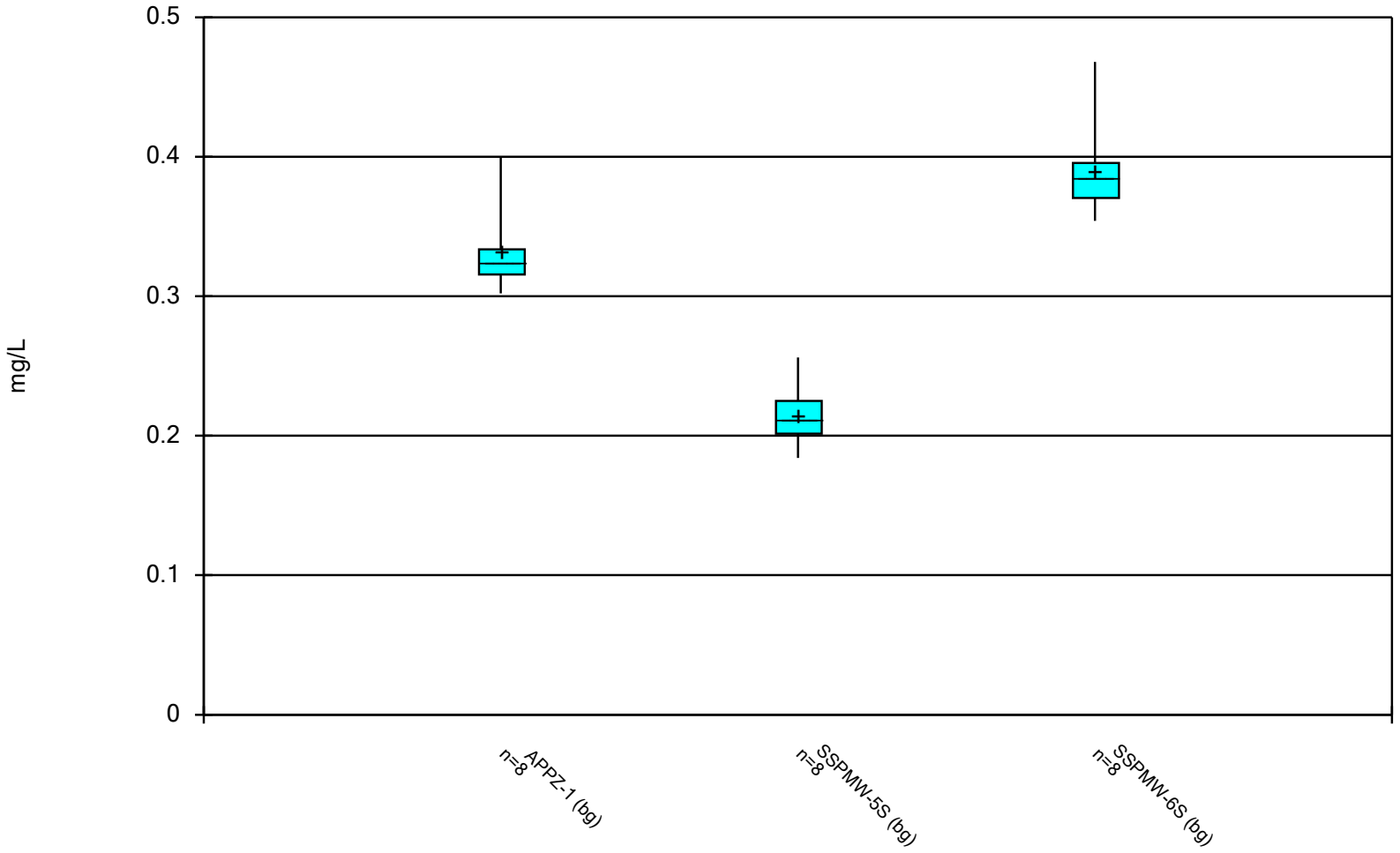


Constituent: Beryllium Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

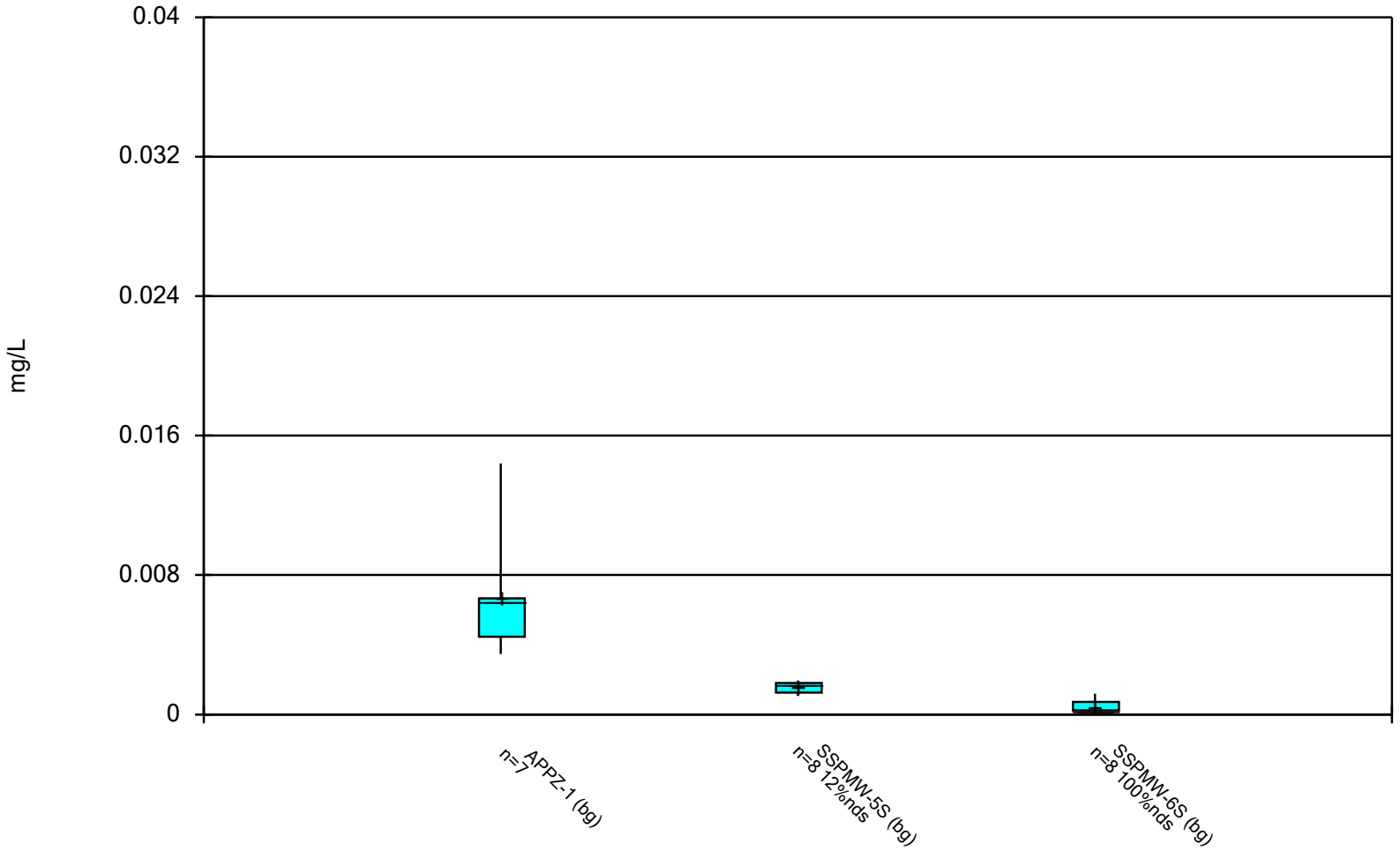


Constituent: Boron Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

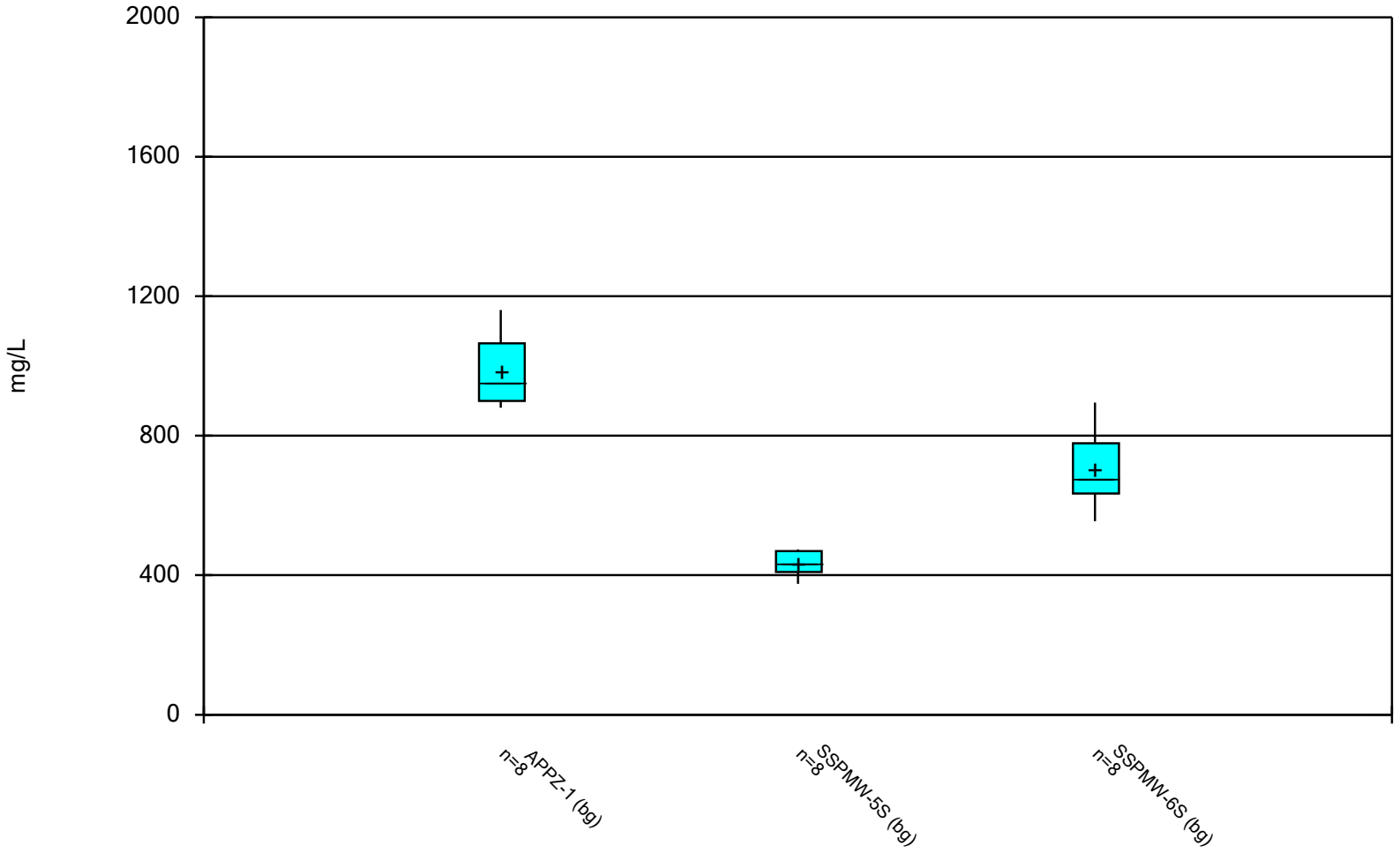


Constituent: Cadmium Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

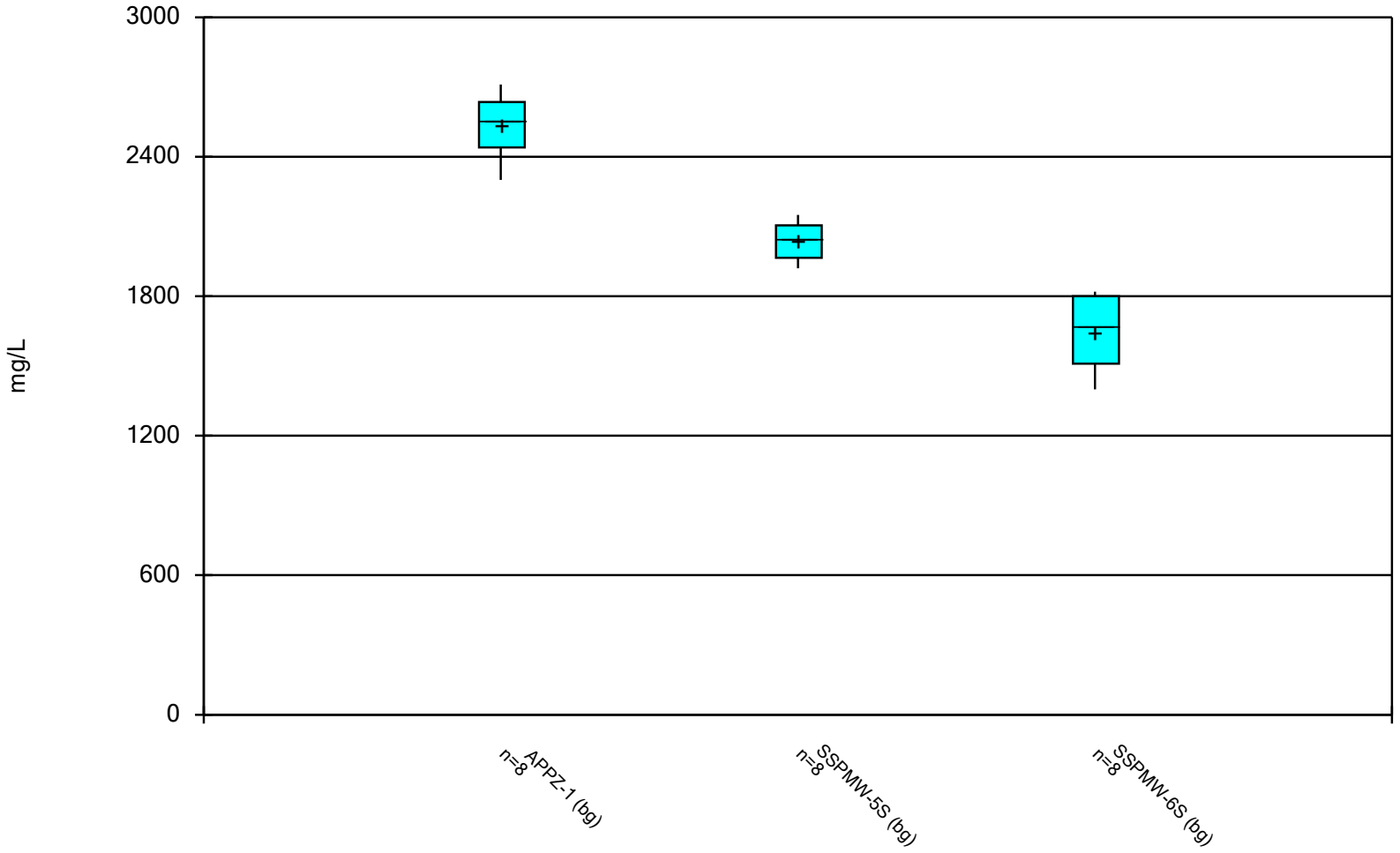


Constituent: Calcium Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

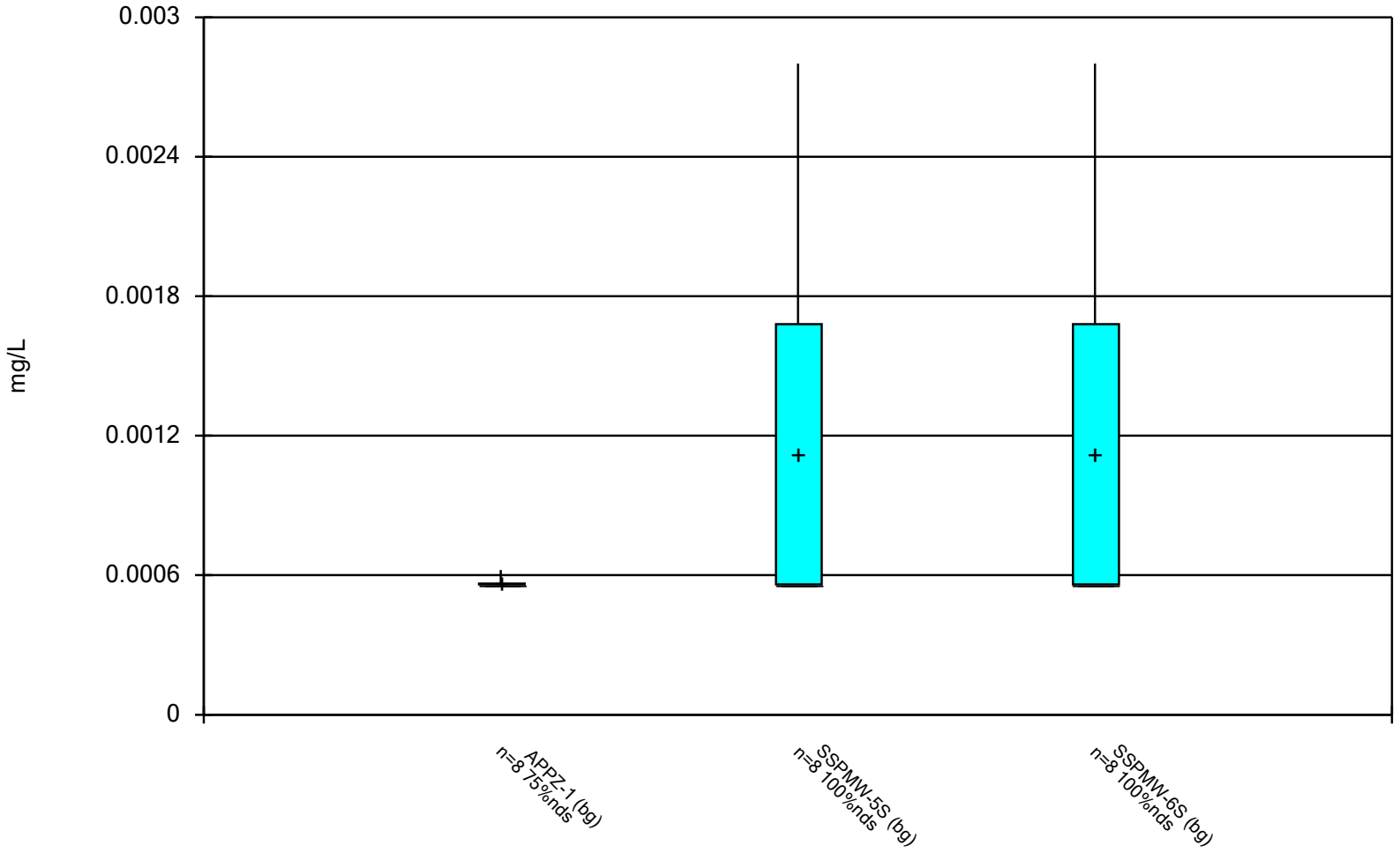


Constituent: Chloride Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

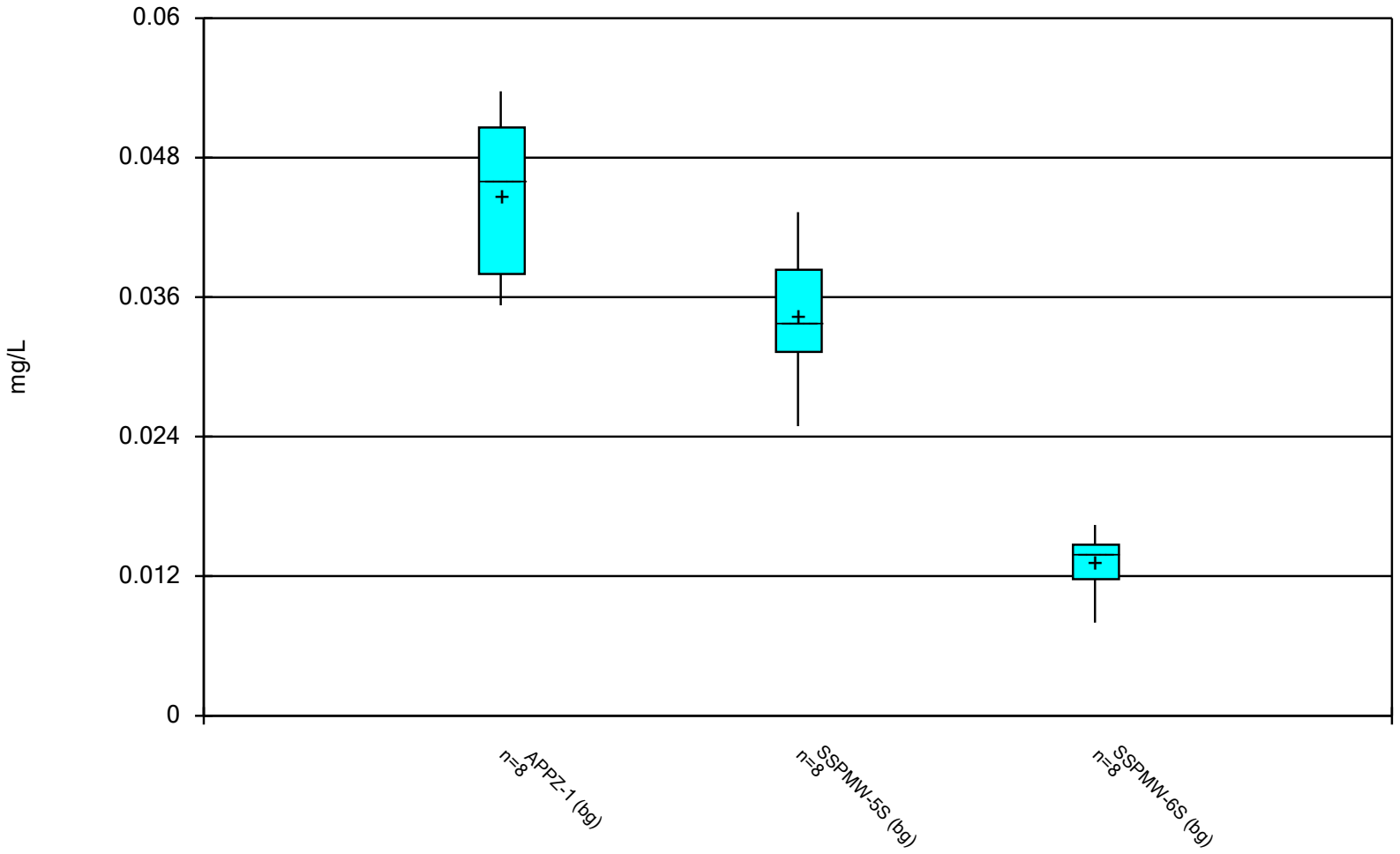


Constituent: Chromium Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

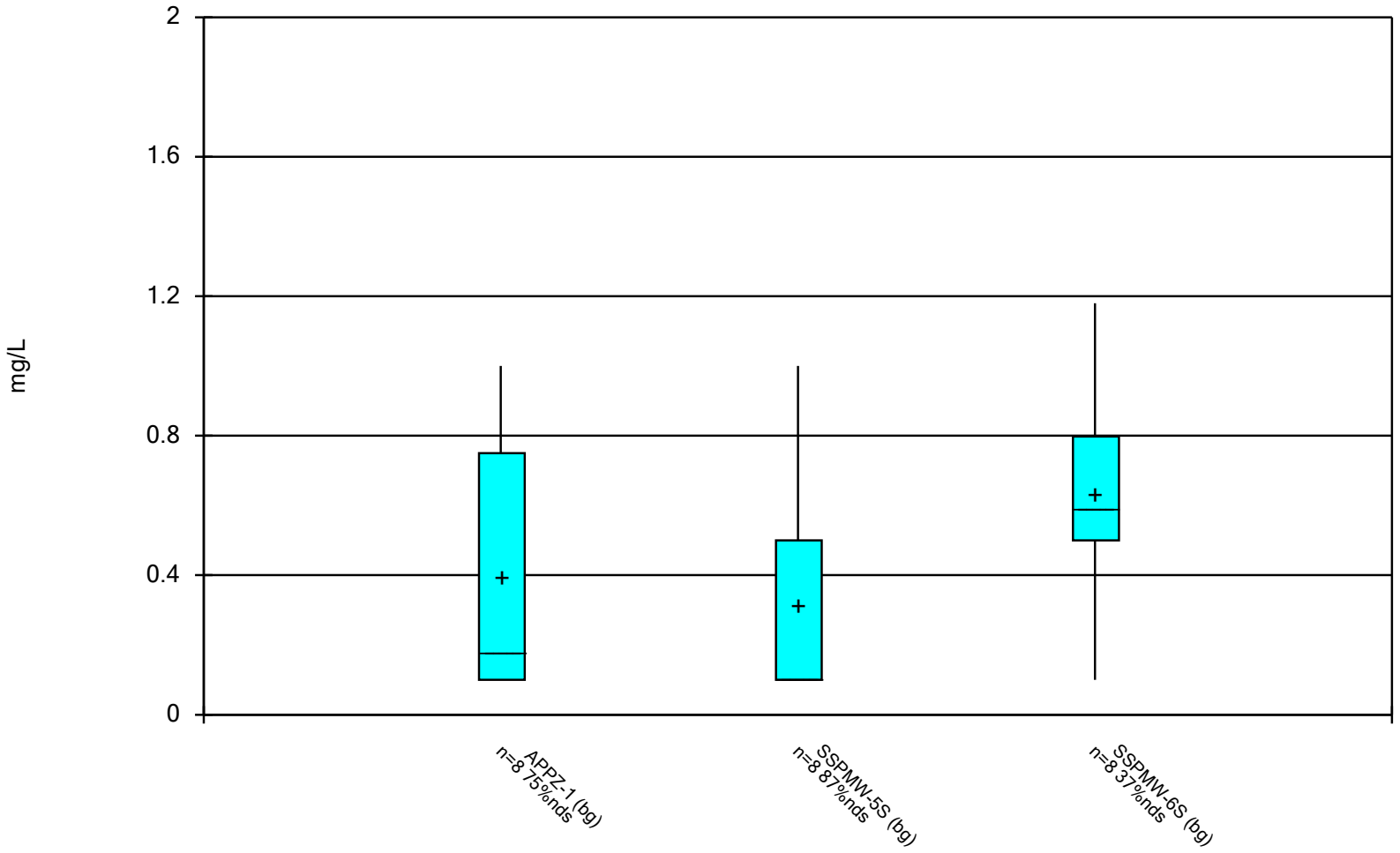


Constituent: Cobalt Analysis Run 5/16/2026 12:07 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

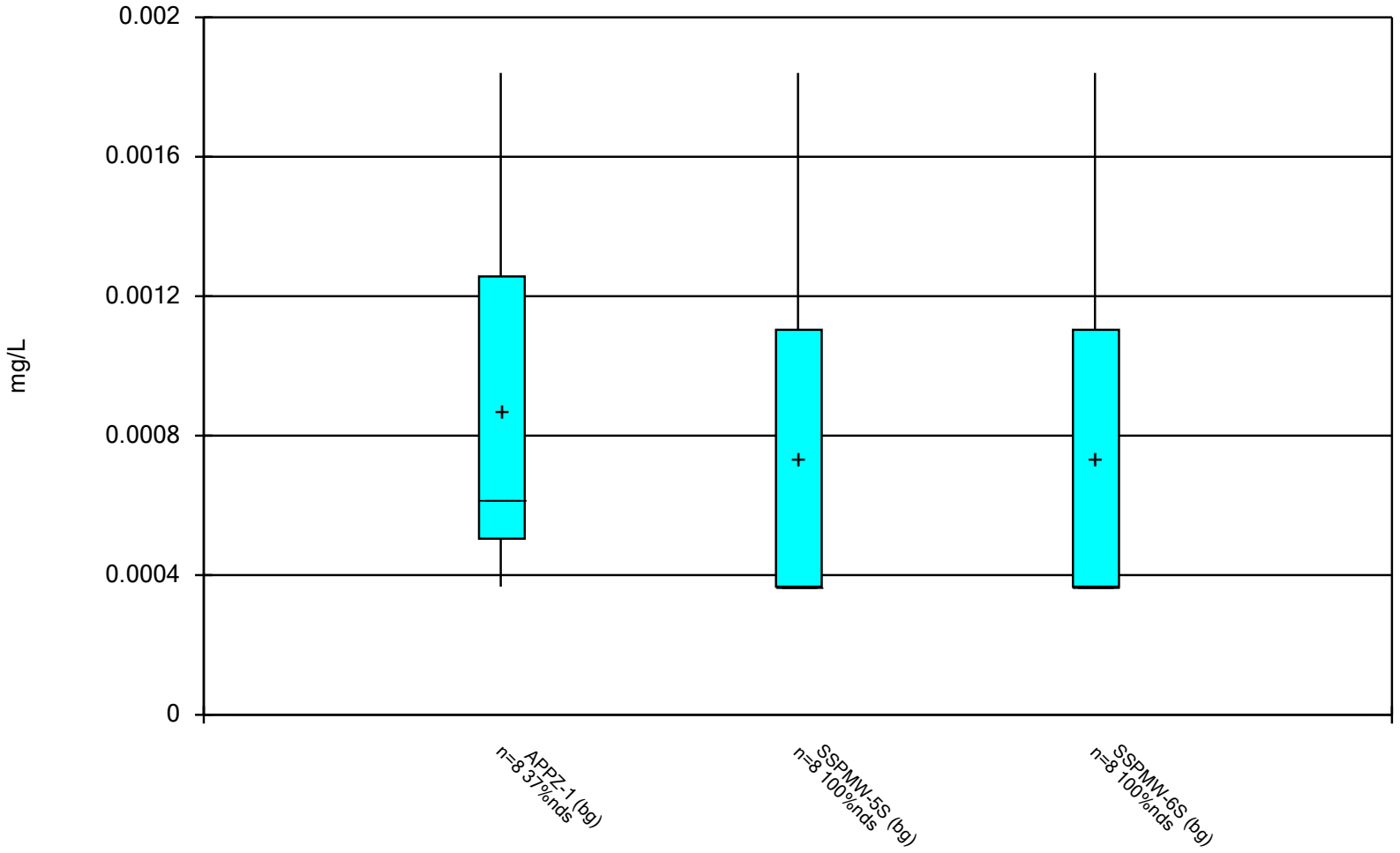


Constituent: Fluoride Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

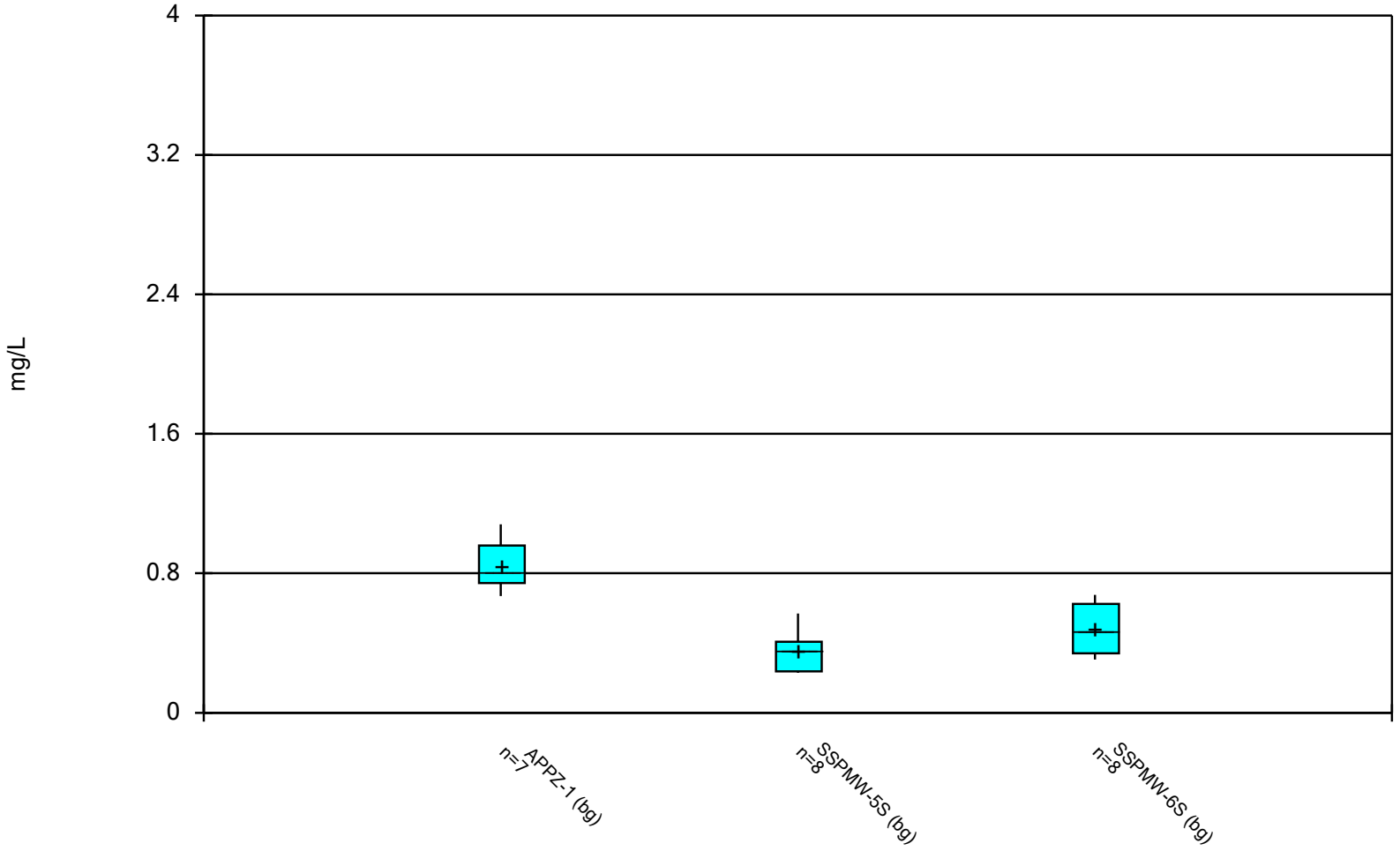


Constituent: Lead Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

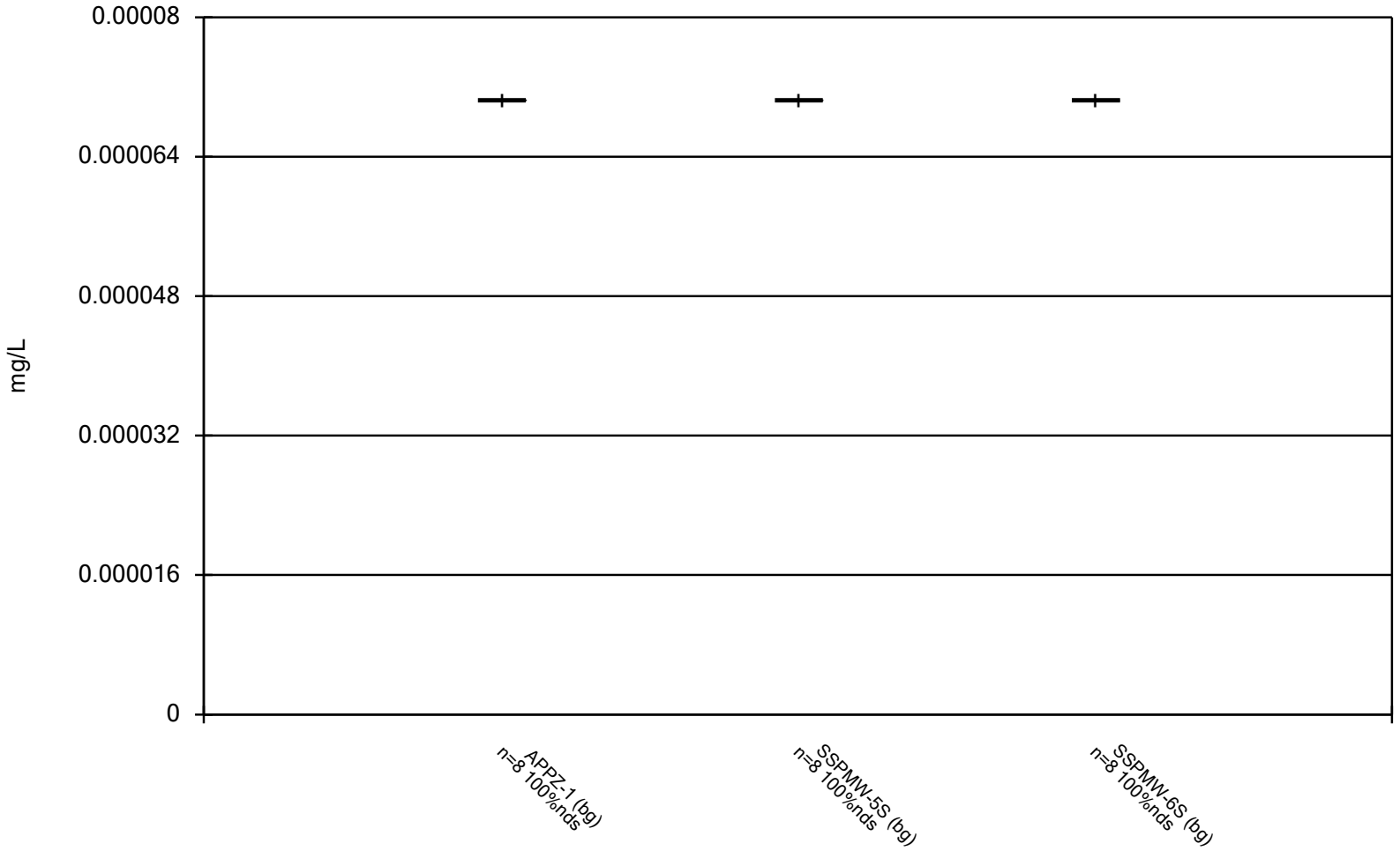


Constituent: Lithium Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

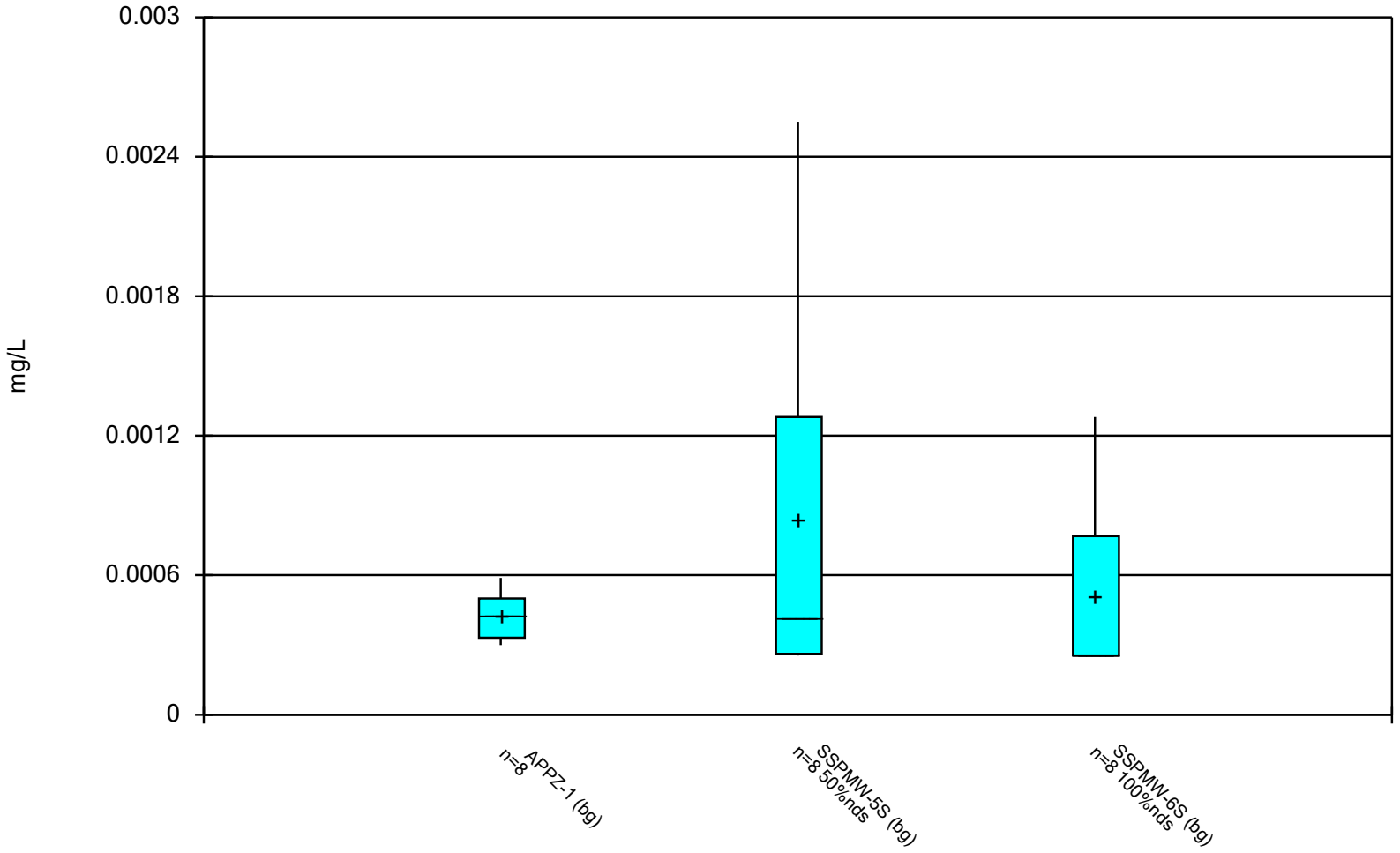


Constituent: Mercury Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

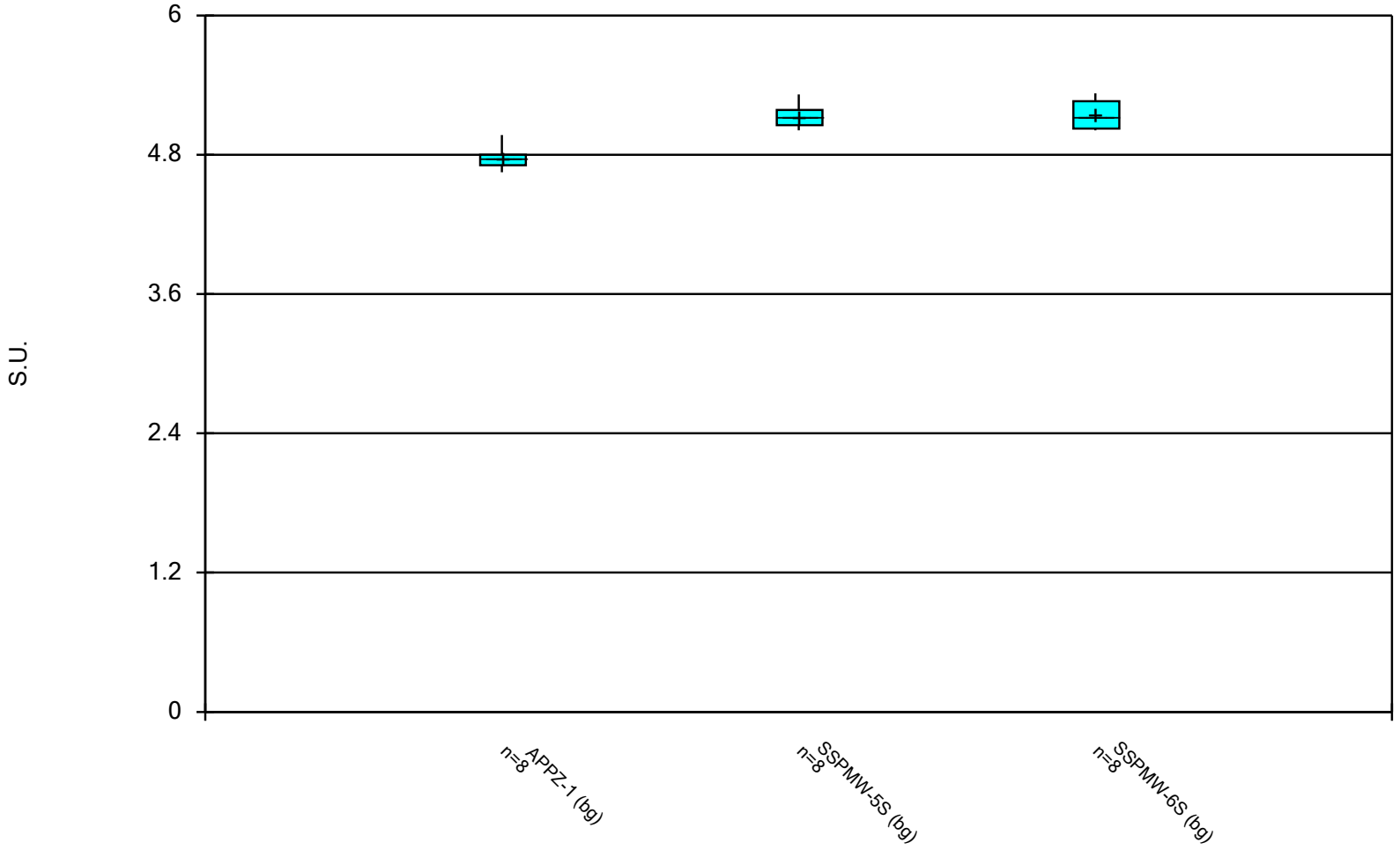


Constituent: Molybdenum Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

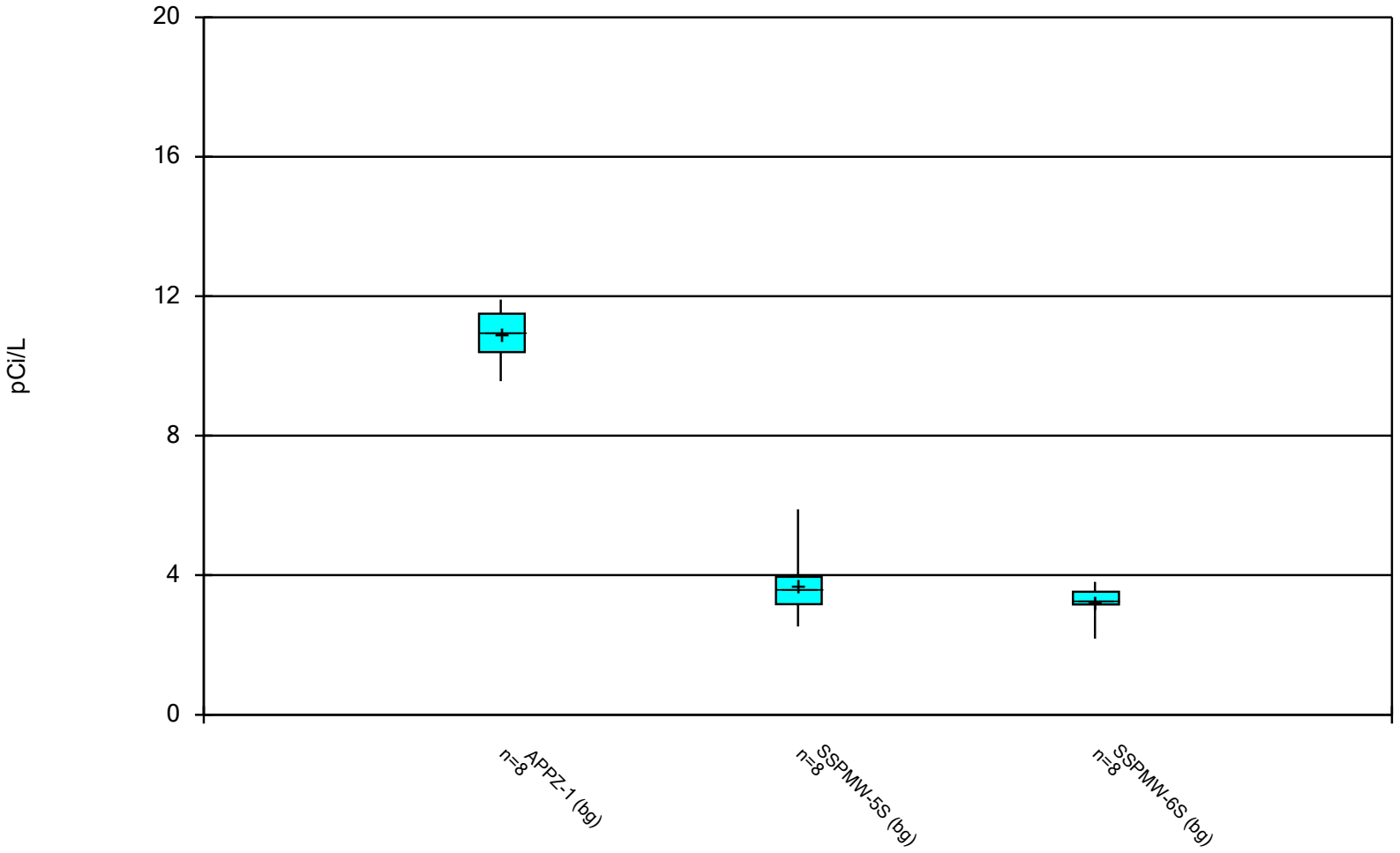


Constituent: pH Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

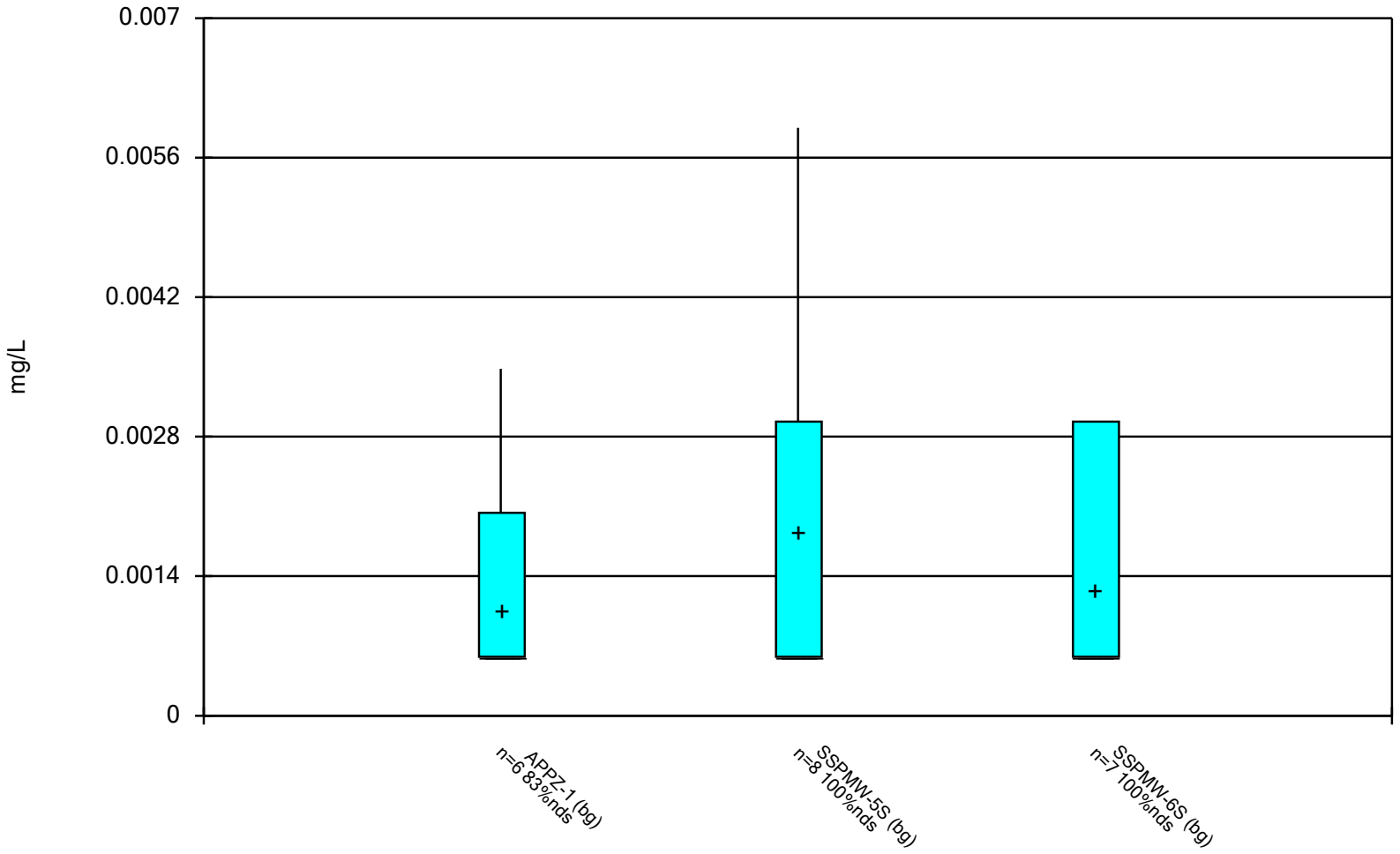


Constituent: Radium 226 + 228 Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Backg

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

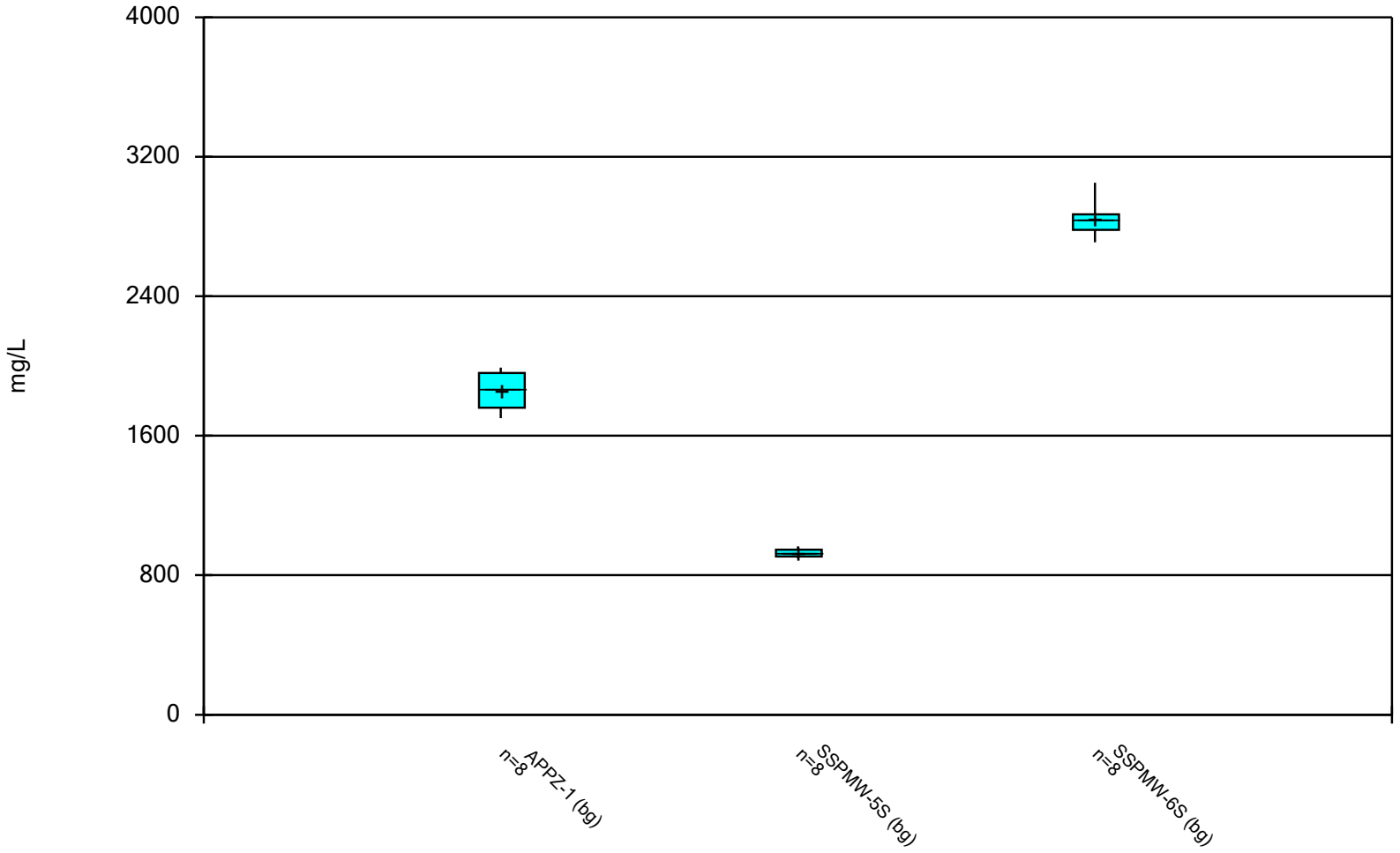


Constituent: Selenium Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

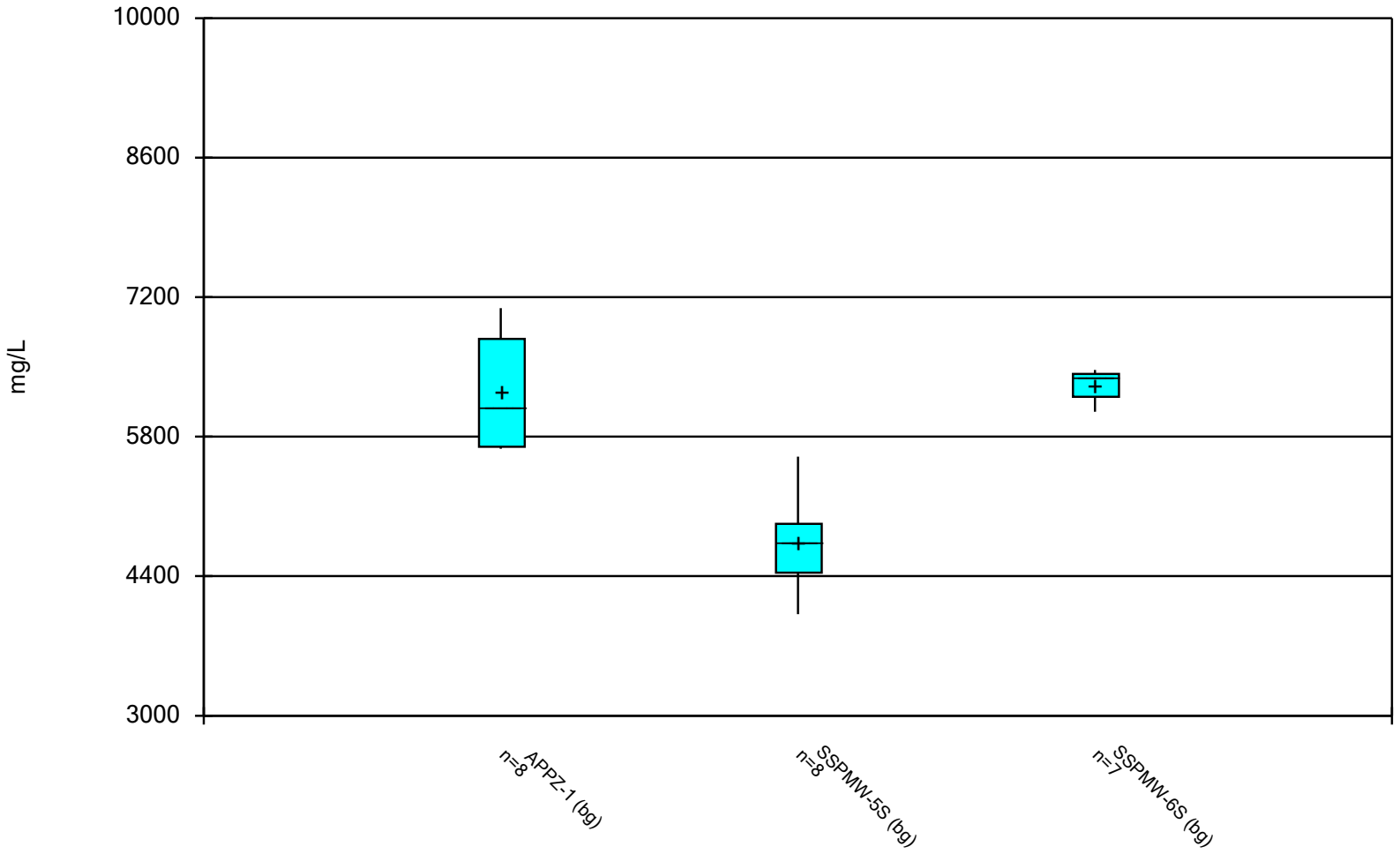


Constituent: Sulfate Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

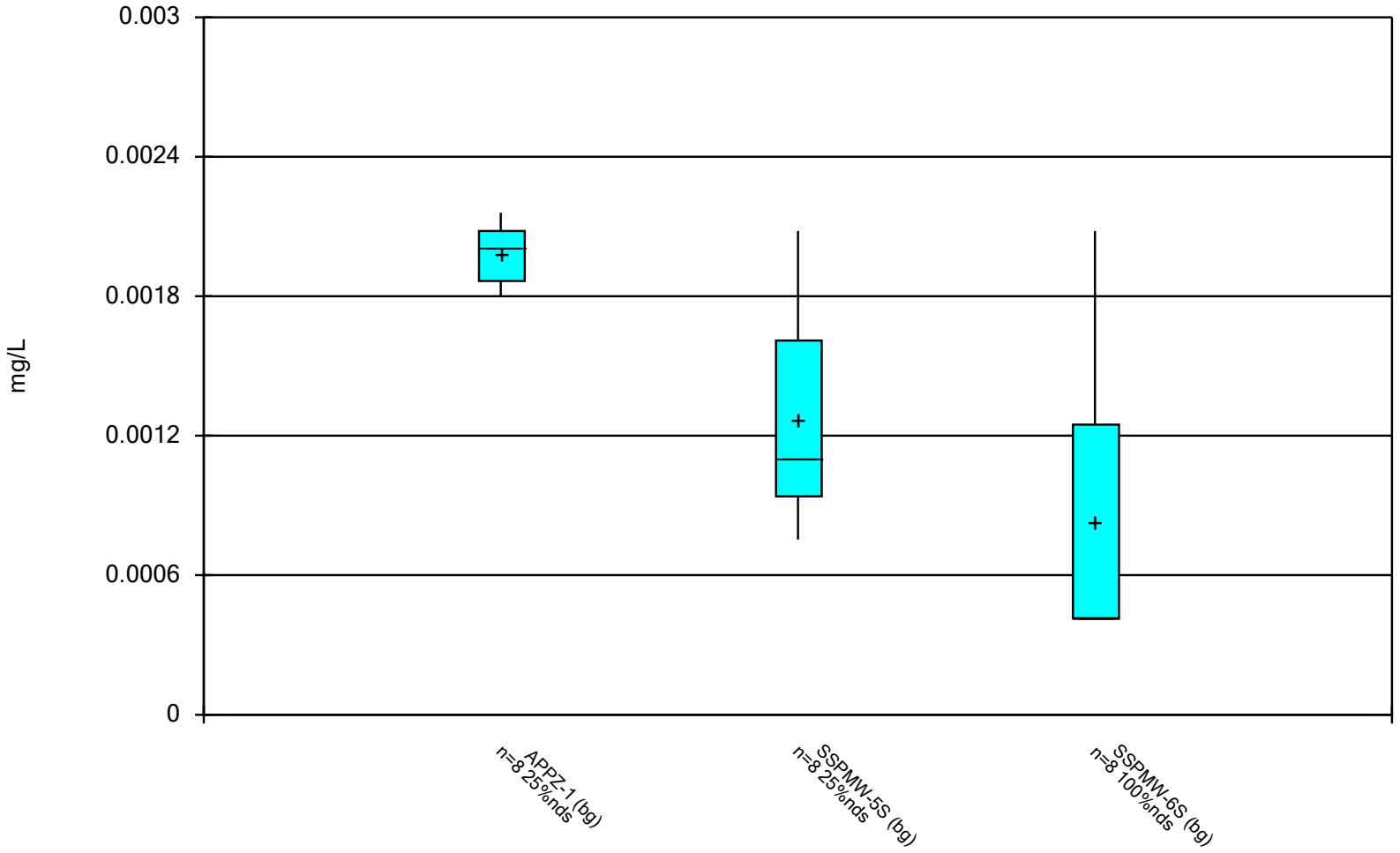


Constituent: TDS Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Thallium Analysis Run 5/16/2026 12:08 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Box & Whiskers Plot

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:08 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Antimony (mg/L)	APPZ-1 (bg)	7	0.000771	0.00005556	0.000021	0.00075	0.00075	0.000897	85.71
Antimony (mg/L)	SSPMW-5S (bg)	8	0.001875	0.001553	0.0005489	0.00075	0.00075	0.00375	100
Antimony (mg/L)	SSPMW-6S (bg)	8	0.001875	0.001553	0.0005489	0.00075	0.00075	0.00375	100
Arsenic (mg/L)	APPZ-1 (bg)	8	0.006394	0.001127	0.0003986	0.0063	0.00453	0.00823	0
Arsenic (mg/L)	SSPMW-5S (bg)	8	0.004454	0.003185	0.001126	0.00302	0.001725	0.0109	12.5
Arsenic (mg/L)	SSPMW-6S (bg)	8	0.002314	0.0007409	0.000262	0.0021	0.00146	0.00345	25
Barium (mg/L)	APPZ-1 (bg)	8	0.02684	0.00361	0.001276	0.02765	0.0211	0.0323	0
Barium (mg/L)	SSPMW-5S (bg)	8	0.02638	0.004063	0.001436	0.02645	0.0198	0.0325	0
Barium (mg/L)	SSPMW-6S (bg)	8	0.01758	0.0008795	0.000311	0.0179	0.0161	0.0186	0
Beryllium (mg/L)	APPZ-1 (bg)	8	0.005561	0.0004023	0.0001422	0.005525	0.00486	0.00619	0
Beryllium (mg/L)	SSPMW-5S (bg)	8	0.002294	0.0002514	0.0000889	0.00227	0.00197	0.00263	0
Beryllium (mg/L)	SSPMW-6S (bg)	8	0.06471	0.01163	0.004111	0.06895	0.0418	0.0774	0
Boron (mg/L)	APPZ-1 (bg)	8	0.3313	0.02988	0.01057	0.325	0.302	0.4	0
Boron (mg/L)	SSPMW-5S (bg)	8	0.2146	0.02189	0.007739	0.212	0.184	0.256	0
Boron (mg/L)	SSPMW-6S (bg)	8	0.3905	0.03484	0.01232	0.385	0.354	0.468	0
Cadmium (mg/L)	APPZ-1 (bg)	7	0.006651	0.003633	0.001373	0.00643	0.00348	0.0144	0
Cadmium (mg/L)	SSPMW-5S (bg)	8	0.001546	0.0003202	0.0001132	0.001625	0.00107	0.00195	12.5
Cadmium (mg/L)	SSPMW-6S (bg)	8	0.00048	0.0004444	0.0001571	0.00024	0.00024	0.0012	100
Calcium (mg/L)	APPZ-1 (bg)	8	985	102.7	36.3	955	880	1160	0
Calcium (mg/L)	SSPMW-5S (bg)	8	434.8	36.92	13.05	436	375	474	0
Calcium (mg/L)	SSPMW-6S (bg)	8	703.8	115.8	40.96	677.5	555	895	0
Chloride (mg/L)	APPZ-1 (bg)	8	2533	140.3	49.6	2550	2300	2710	0
Chloride (mg/L)	SSPMW-5S (bg)	8	2039	83.06	29.36	2050	1920	2150	0
Chloride (mg/L)	SSPMW-6S (bg)	8	1649	169.3	59.86	1675	1400	1820	0
Chromium (mg/L)	APPZ-1 (bg)	8	0.0005688	0.0000217	0.000007671	0.00056	0.00056	0.000622	75
Chromium (mg/L)	SSPMW-5S (bg)	8	0.00112	0.001037	0.0003666	0.00056	0.00056	0.0028	100
Chromium (mg/L)	SSPMW-6S (bg)	8	0.00112	0.001037	0.0003666	0.00056	0.00056	0.0028	100
Cobalt (mg/L)	APPZ-1 (bg)	8	0.04478	0.007013	0.00248	0.046	0.0353	0.0537	0
Cobalt (mg/L)	SSPMW-5S (bg)	8	0.03438	0.005733	0.002027	0.03375	0.0249	0.0433	0
Cobalt (mg/L)	SSPMW-6S (bg)	8	0.01315	0.002645	0.0009352	0.01395	0.008	0.0164	0
Fluoride (mg/L)	APPZ-1 (bg)	8	0.3953	0.3957	0.1399	0.181	0.1	1	75
Fluoride (mg/L)	SSPMW-5S (bg)	8	0.3133	0.3308	0.117	0.103	0.1	1	87.5
Fluoride (mg/L)	SSPMW-6S (bg)	8	0.6329	0.3172	0.1121	0.5935	0.1	1.18	37.5
Lead (mg/L)	APPZ-1 (bg)	8	0.000871	0.0006069	0.0002146	0.000...	0.000367	0.00184	37.5
Lead (mg/L)	SSPMW-5S (bg)	8	0.0007353	0.0006819	0.0002411	0.000367	0.000367	0.00184	100
Lead (mg/L)	SSPMW-6S (bg)	8	0.0007353	0.0006819	0.0002411	0.000367	0.000367	0.00184	100
Lithium (mg/L)	APPZ-1 (bg)	7	0.8456	0.1382	0.05225	0.811	0.669	1.08	0
Lithium (mg/L)	SSPMW-5S (bg)	8	0.3504	0.1173	0.04146	0.357	0.23	0.569	0
Lithium (mg/L)	SSPMW-6S (bg)	8	0.4806	0.1487	0.05258	0.4675	0.305	0.676	0
Mercury (mg/L)	APPZ-1 (bg)	8	0.0000706	0	0	0.000...	0.000...	0.000...	100
Mercury (mg/L)	SSPMW-5S (bg)	8	0.0000706	0	0	0.000...	0.000...	0.000...	100
Mercury (mg/L)	SSPMW-6S (bg)	8	0.0000706	0	0	0.000...	0.000...	0.000...	100
Molybdenum (mg/L)	APPZ-1 (bg)	8	0.0004248	0.0001051	0.00003715	0.000...	0.0003	0.000589	0
Molybdenum (mg/L)	SSPMW-5S (bg)	8	0.0008393	0.0008184	0.0002894	0.000413	0.000255	0.00255	50
Molybdenum (mg/L)	SSPMW-6S (bg)	8	0.0005112	0.0004745	0.0001678	0.000255	0.000255	0.00128	100
pH (S.U.)	APPZ-1 (bg)	8	4.773	0.09647	0.03411	4.77	4.65	4.97	0
pH (S.U.)	SSPMW-5S (bg)	8	5.133	0.0991	0.03504	5.125	5.01	5.32	0
pH (S.U.)	SSPMW-6S (bg)	8	5.145	0.1308	0.04625	5.125	5.01	5.33	0
Radium 226 + 228 (pCi/L)	APPZ-1 (bg)	8	10.9	0.7658	0.2708	10.95	9.56	11.9	0
Radium 226 + 228 (pCi/L)	SSPMW-5S (bg)	8	3.725	1.006	0.3556	3.565	2.53	5.89	0

Box & Whiskers Plot

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:08 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Radium 226 + 228 (pCi/L)	SSPMW-6S (bg)	8	3.246	0.4862	0.1719	3.3	2.18	3.81	0
Selenium (mg/L)	APPZ-1 (bg)	6	0.001072	0.00118	0.0004817	0.00059	0.00059	0.00348	83.33
Selenium (mg/L)	SSPMW-5S (bg)	8	0.001844	0.001955	0.0006913	0.00059	0.00059	0.0059	100
Selenium (mg/L)	SSPMW-6S (bg)	7	0.001264	0.001152	0.0004352	0.00059	0.00059	0.00295	100
Sulfate (mg/L)	APPZ-1 (bg)	8	1859	110.4	39.03	1870	1700	1990	0
Sulfate (mg/L)	SSPMW-5S (bg)	8	930.3	24.36	8.614	935.5	897	966	0
Sulfate (mg/L)	SSPMW-6S (bg)	8	2843	100.8	35.64	2840	2710	3050	0
TDS (mg/L)	APPZ-1 (bg)	8	6239	575.7	203.5	6090	5680	7090	0
TDS (mg/L)	SSPMW-5S (bg)	8	4730	470.5	166.3	4750	4020	5600	0
TDS (mg/L)	SSPMW-6S (bg)	7	6316	159.1	60.15	6410	6050	6470	0
Thallium (mg/L)	APPZ-1 (bg)	8	0.001985	0.0001309	0.00004629	0.002015	0.0018	0.00216	25
Thallium (mg/L)	SSPMW-5S (bg)	8	0.001268	0.0005202	0.0001839	0.001105	0.000753	0.00208	25
Thallium (mg/L)	SSPMW-6S (bg)	8	0.0008312	0.0007707	0.0002725	0.000415	0.000415	0.00208	100

SSP/APs CCR Units - Deeper

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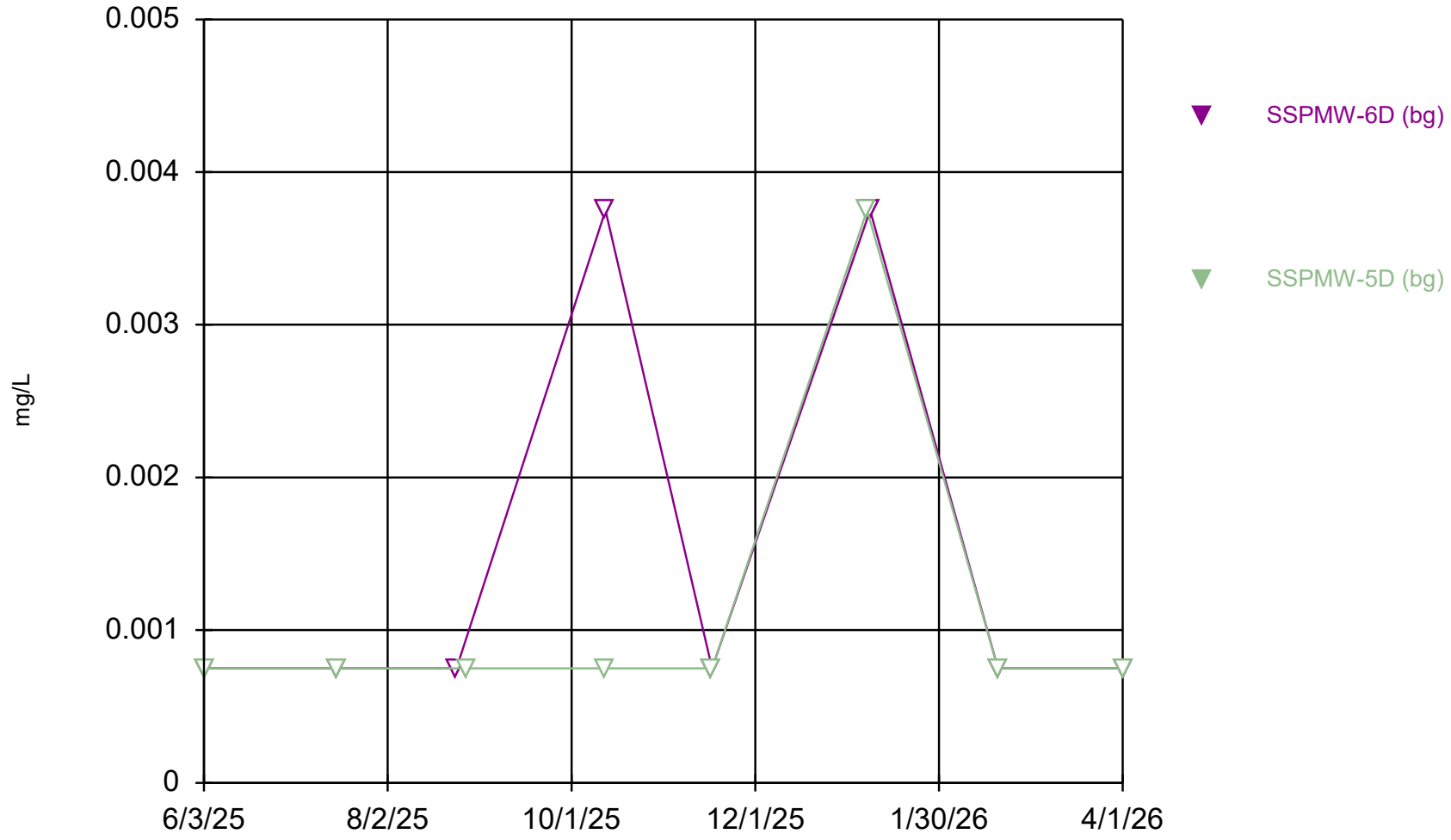
Hollow symbols indicate censored values.

Time Series



Constituent: Antimony Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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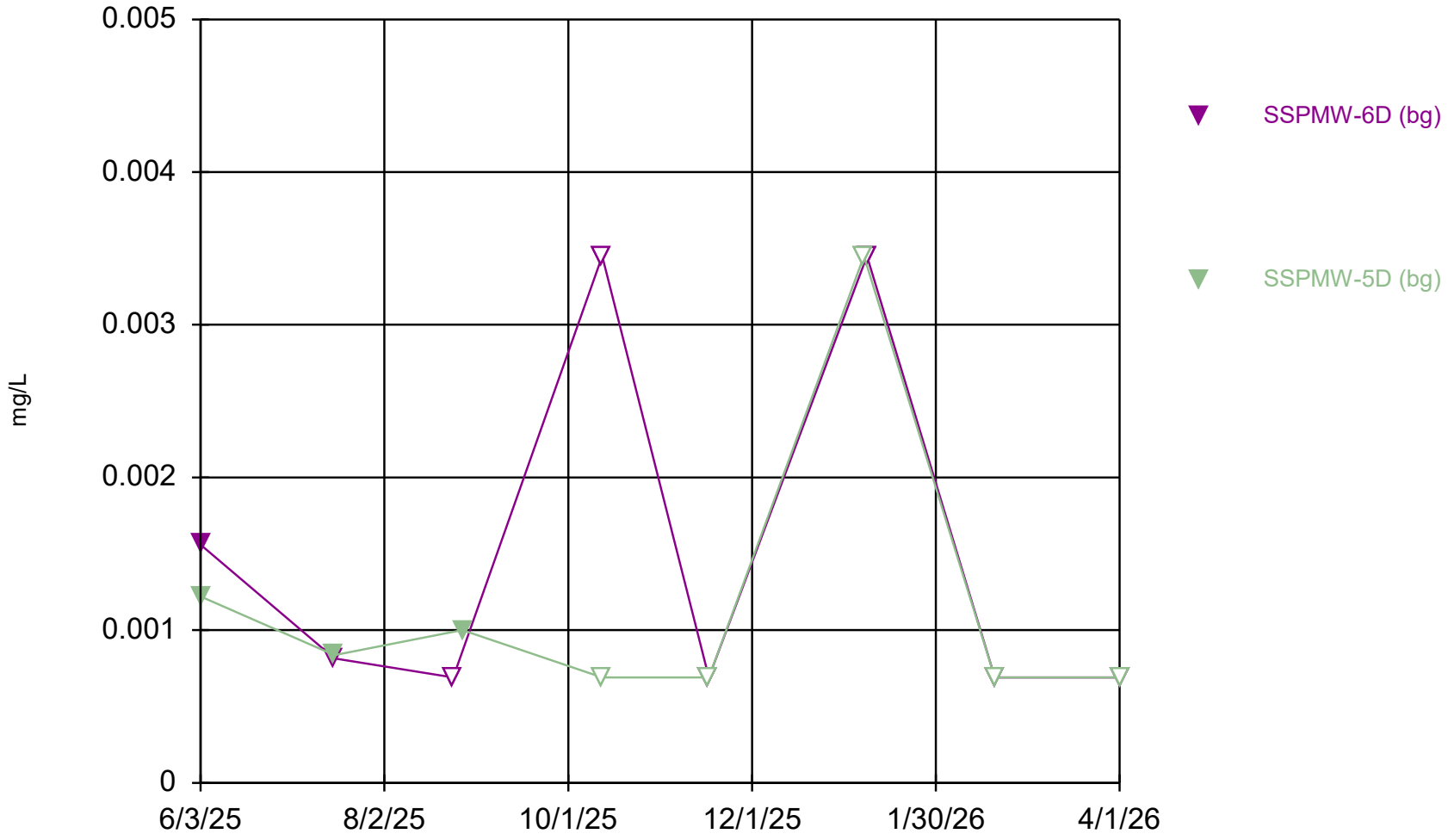
Hollow symbols indicate censored values.

Time Series



Constituent: Arsenic Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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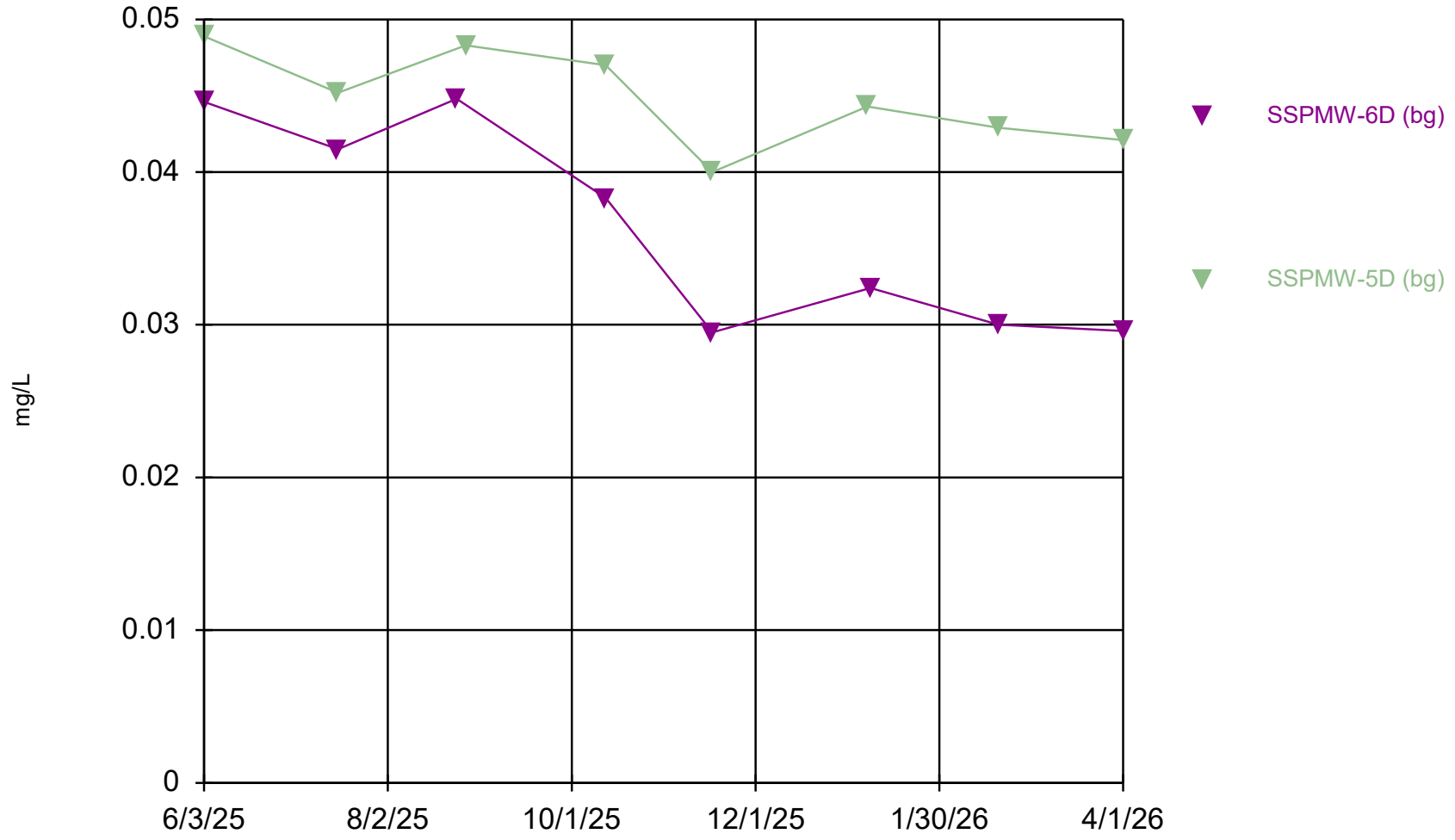
Time Series



Constituent: Barium Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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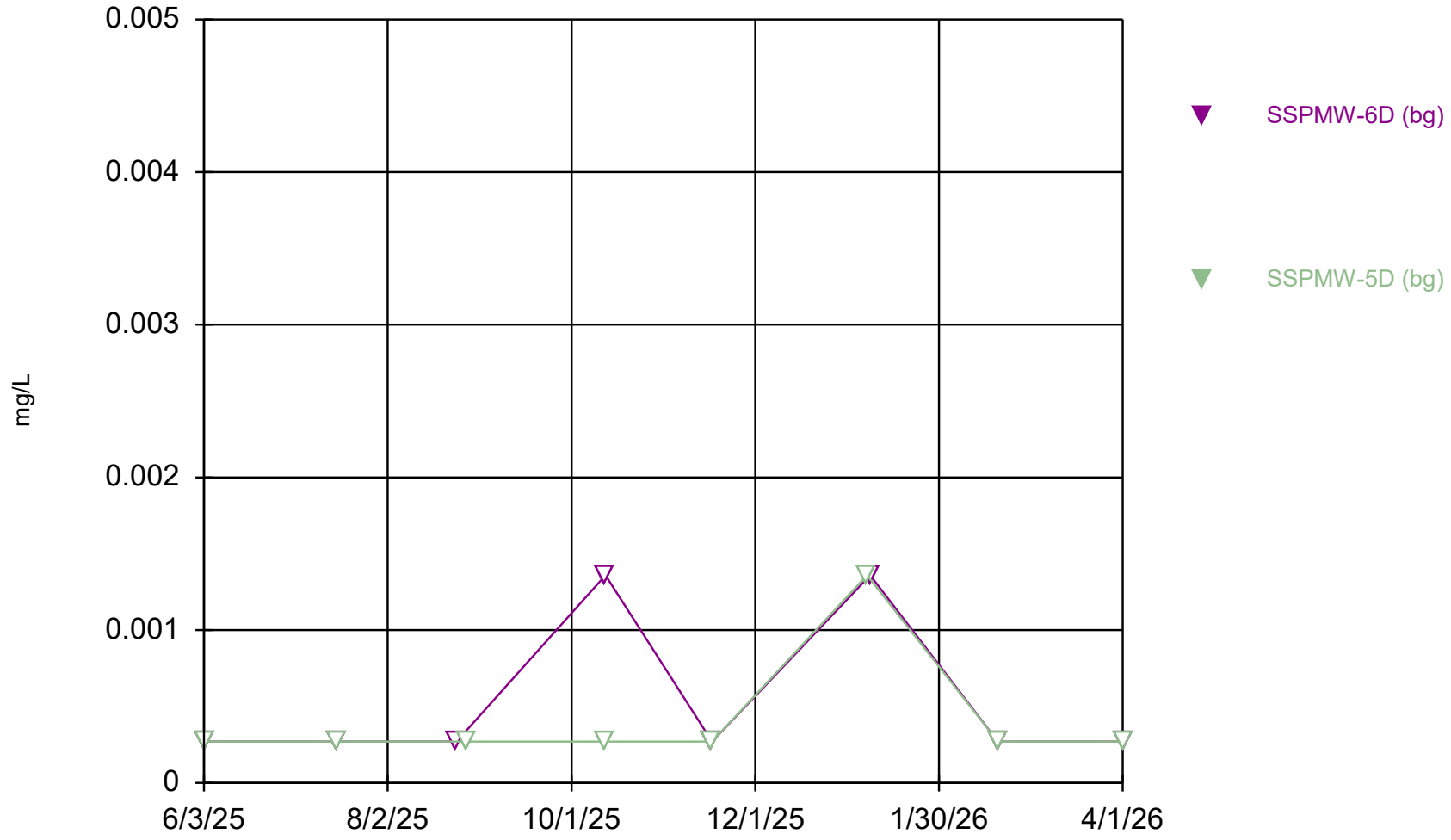
Time Series



Constituent: Beryllium Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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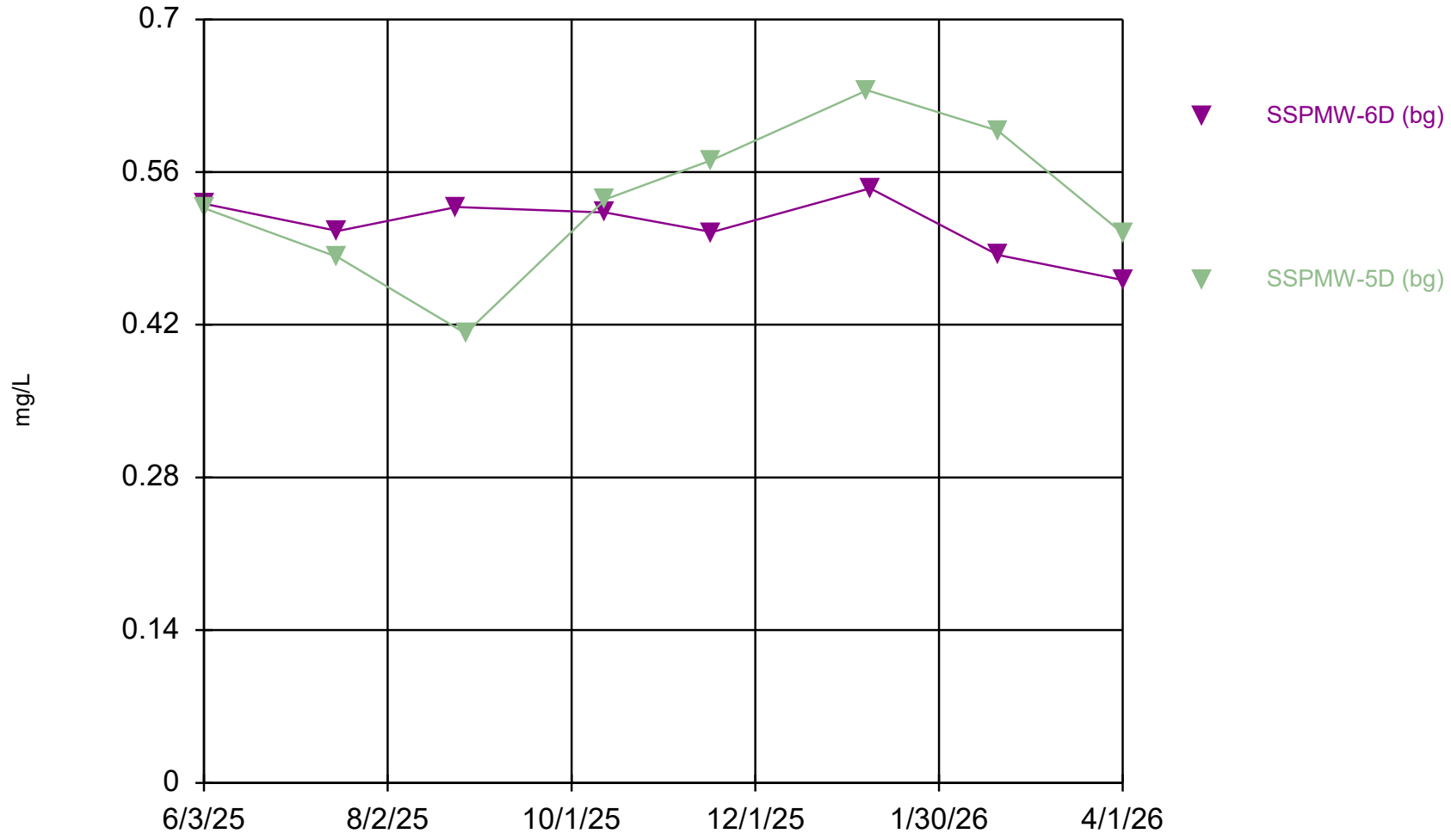
Time Series



Constituent: Boron Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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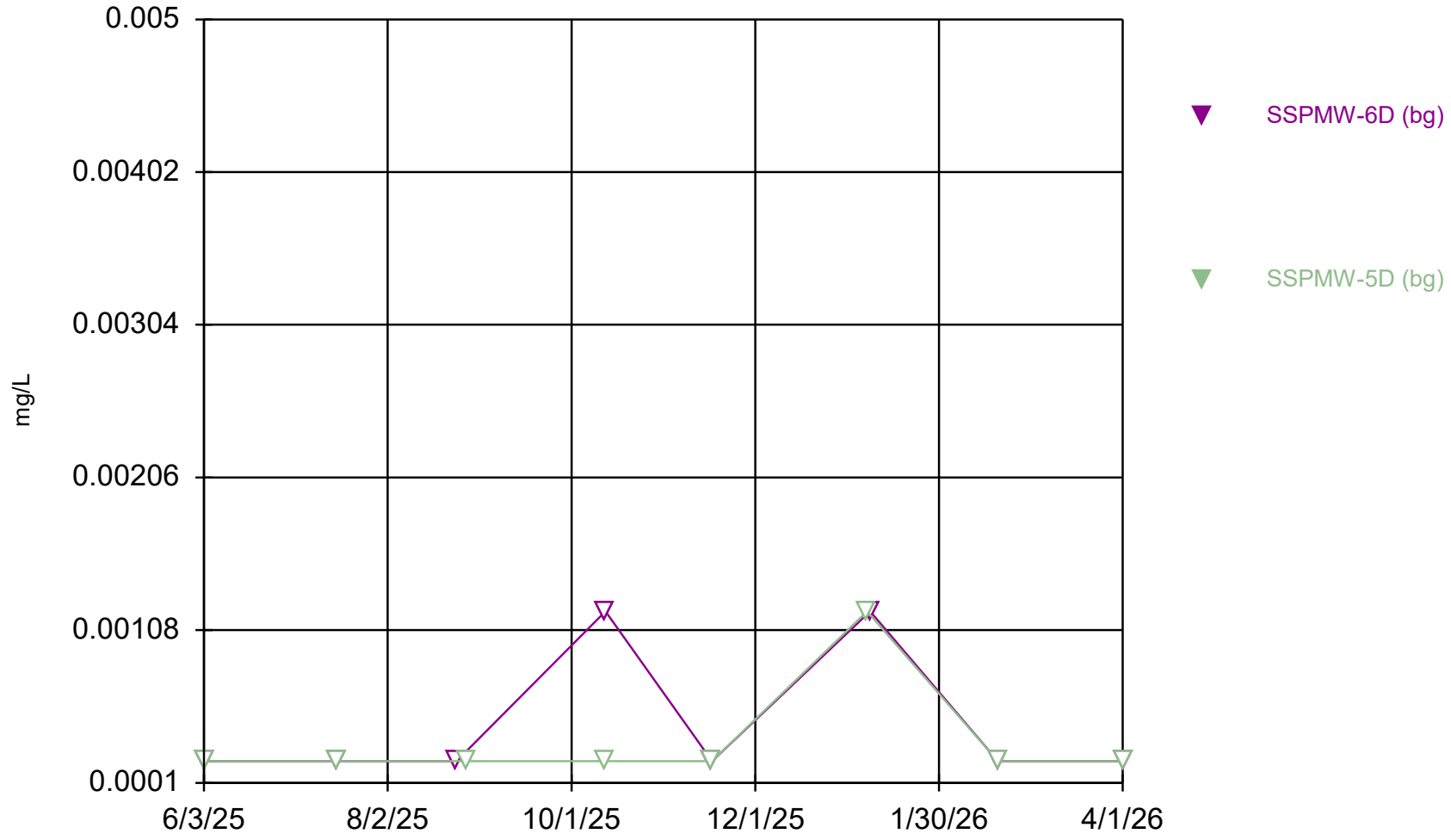
Time Series



Constituent: Cadmium Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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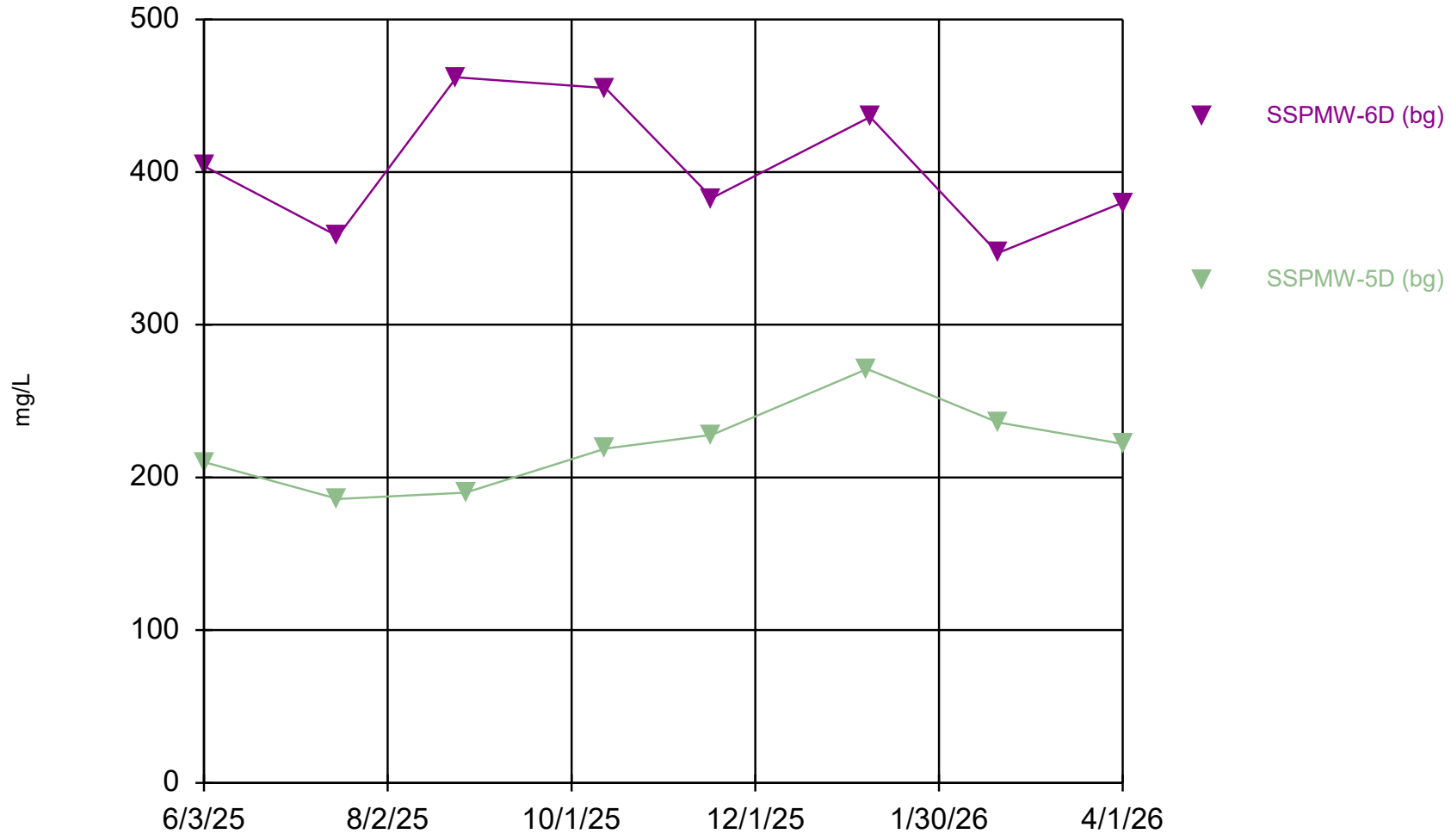
Time Series



Constituent: Calcium Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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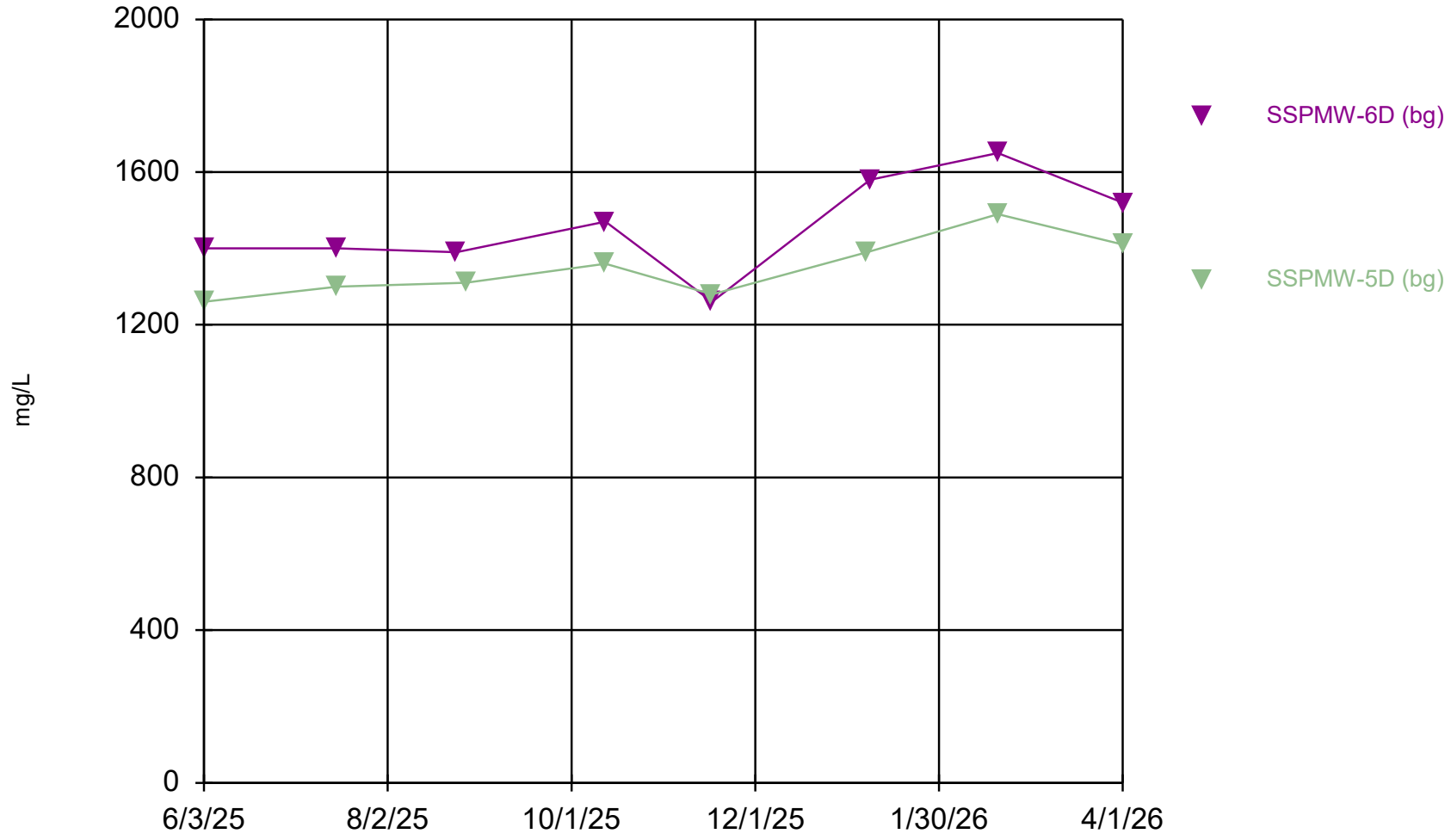
Time Series



Constituent: Chloride Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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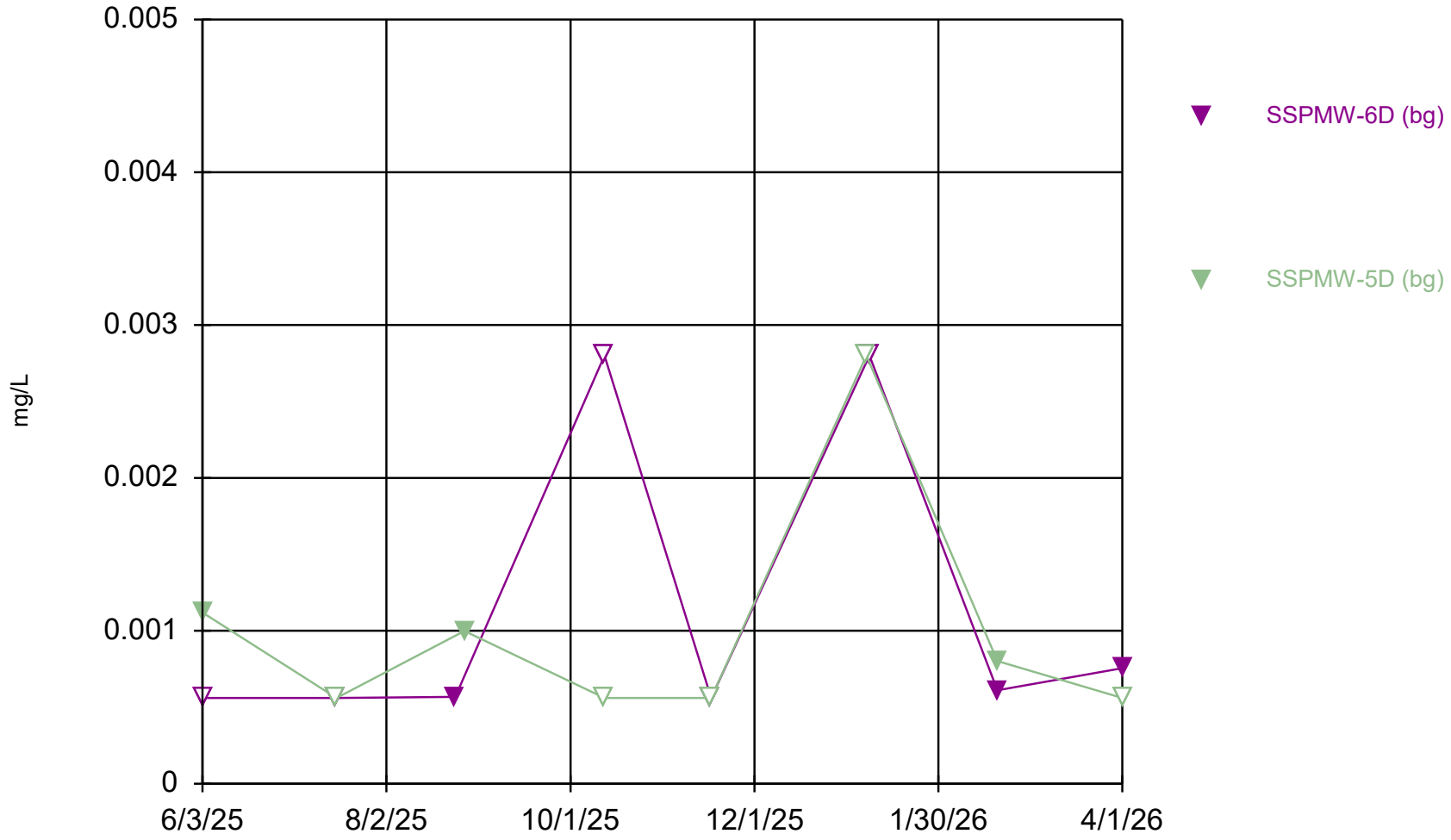
Time Series



Constituent: Chromium Analysis Run 5/16/2026 12:14 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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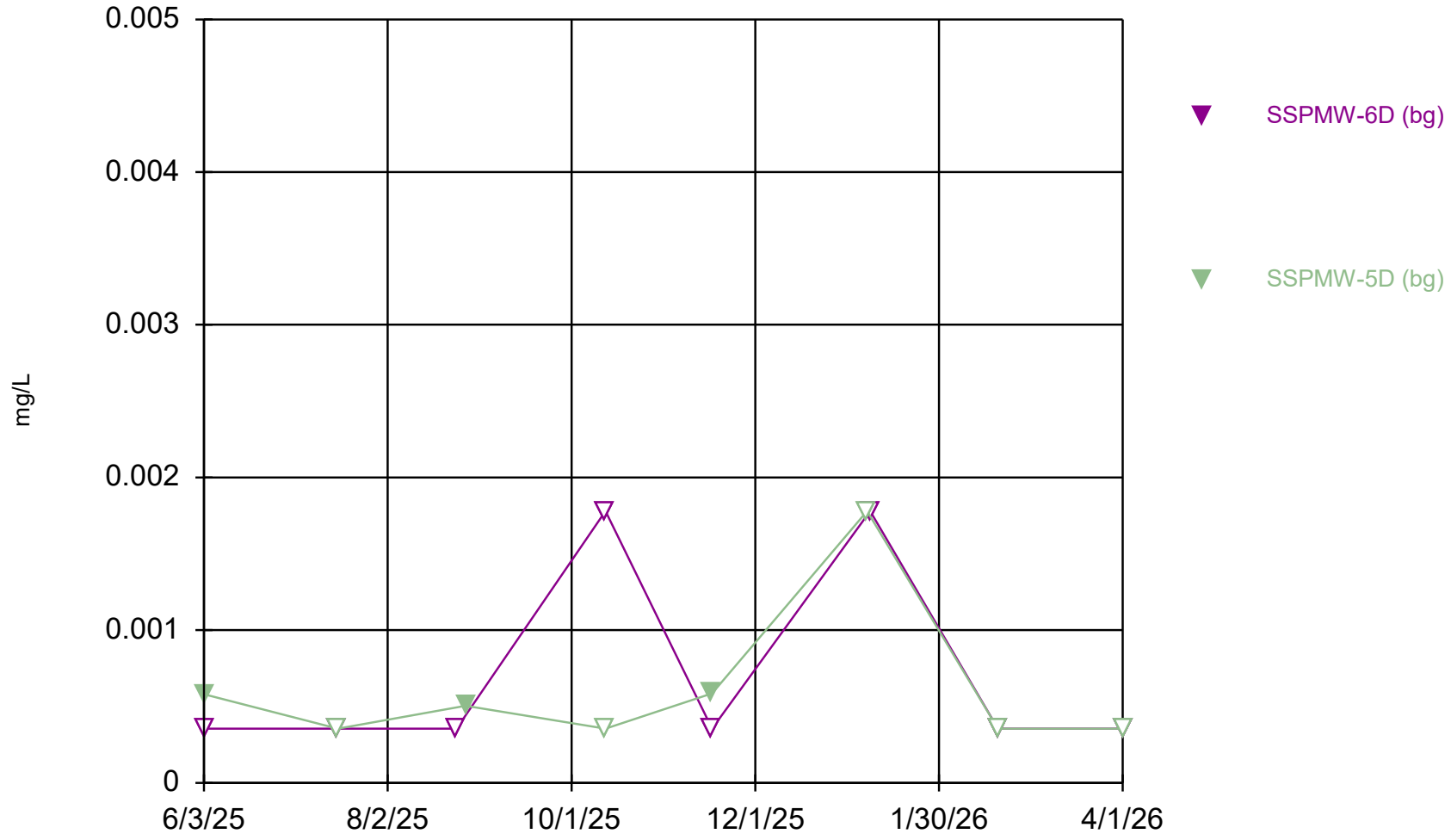
Time Series



Constituent: Cobalt Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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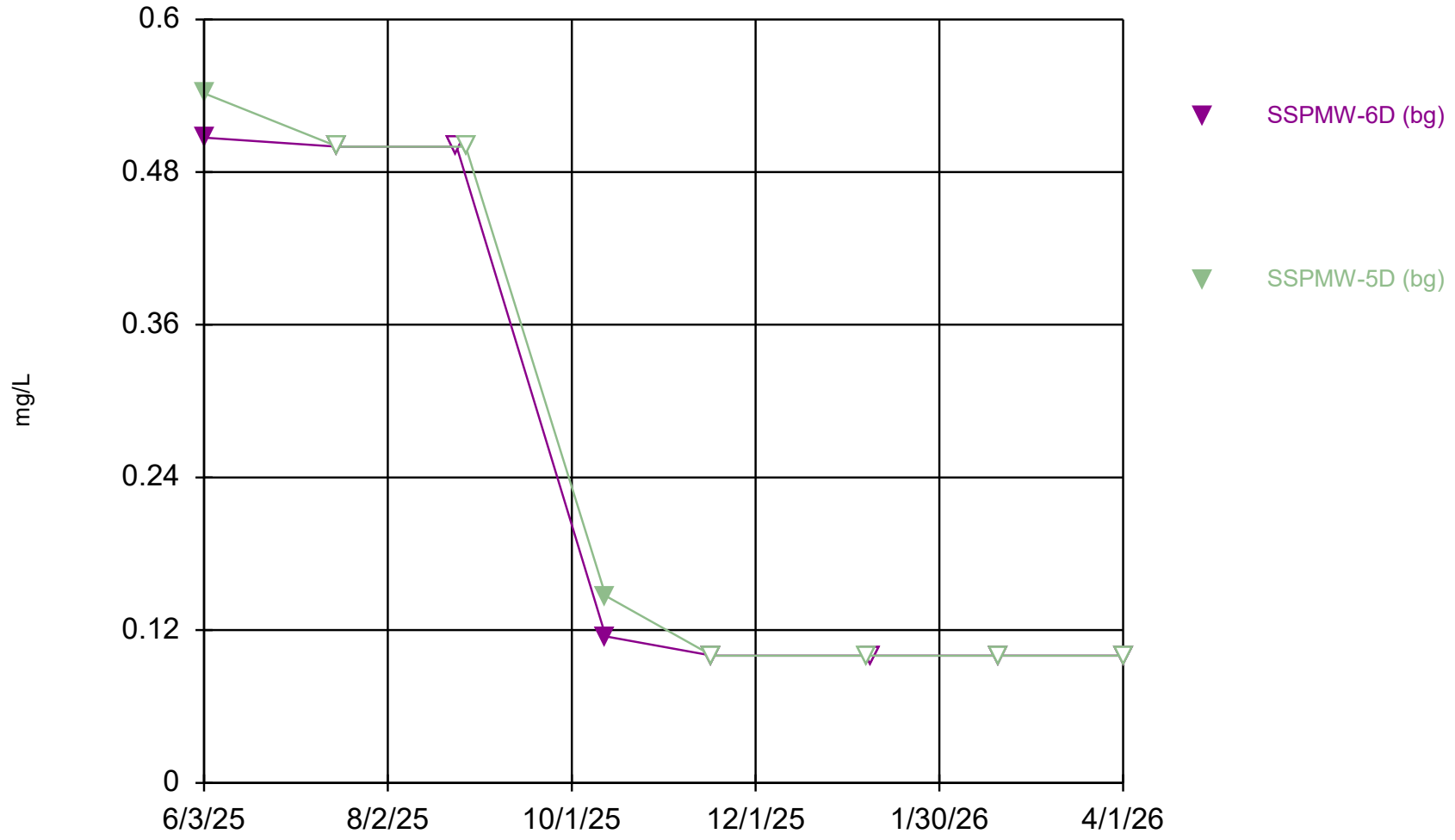
Time Series



Constituent: Fluoride Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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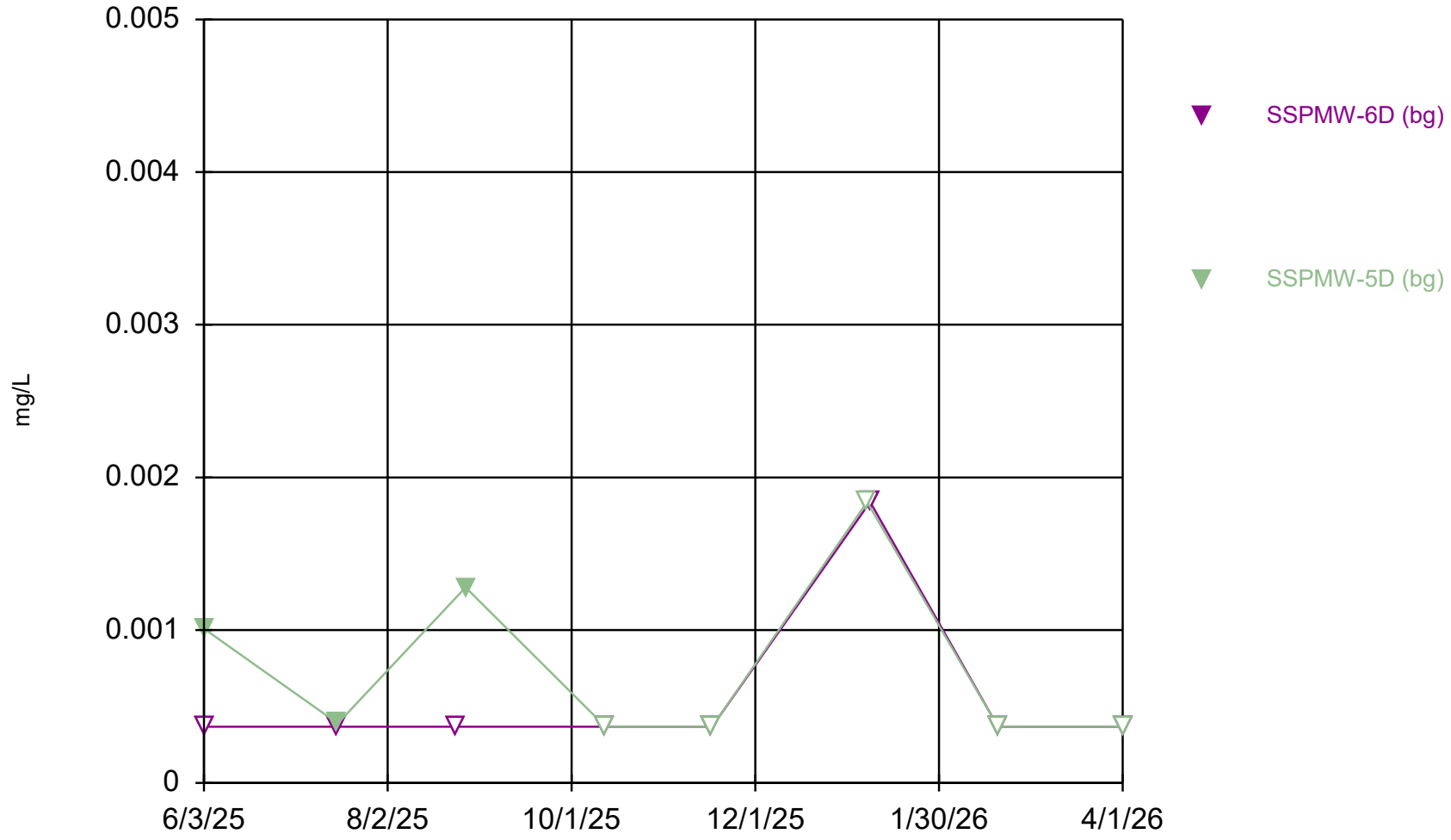
Hollow symbols indicate censored values.

Time Series



Constituent: Lead Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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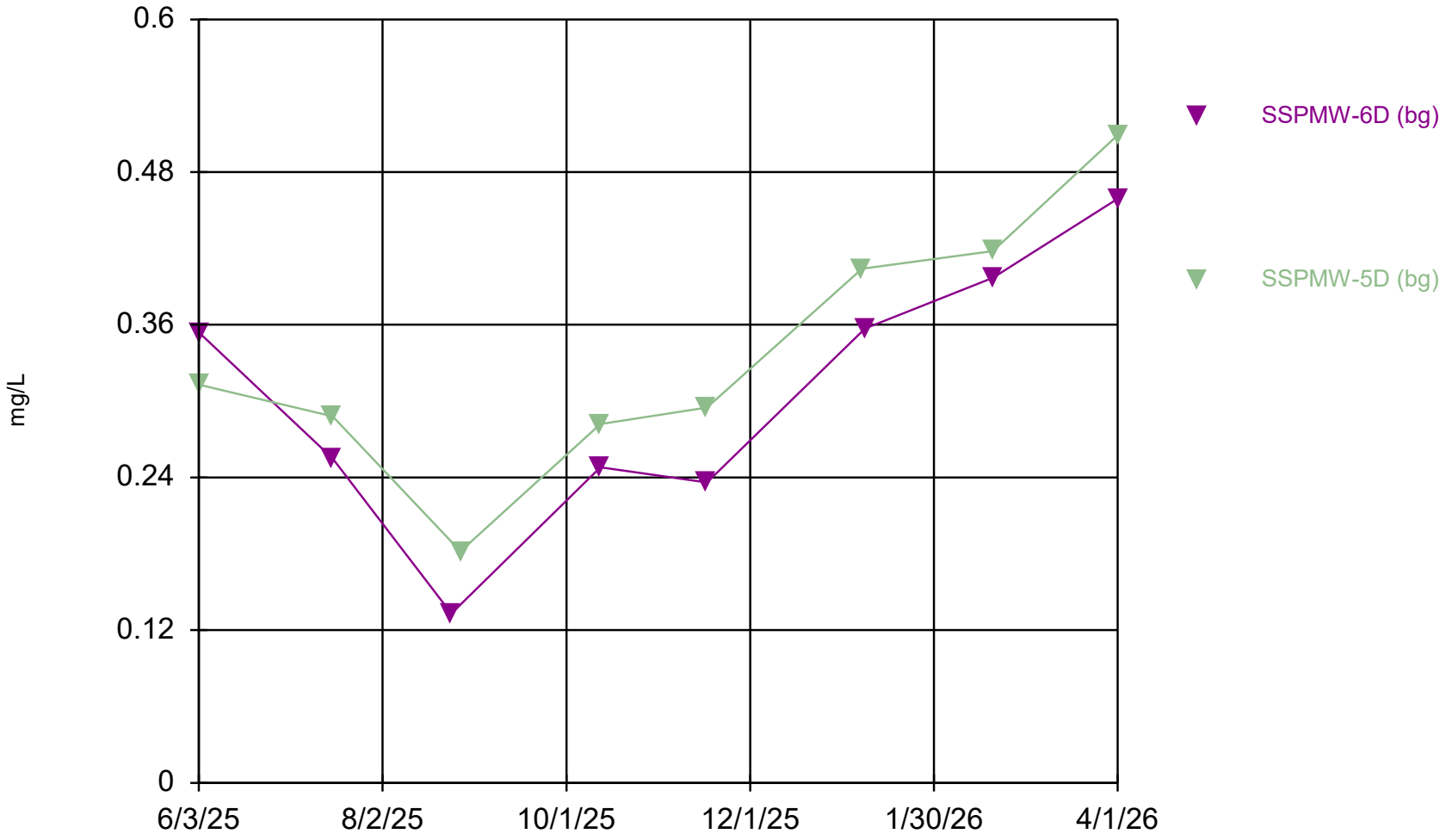
Time Series



Constituent: Lithium Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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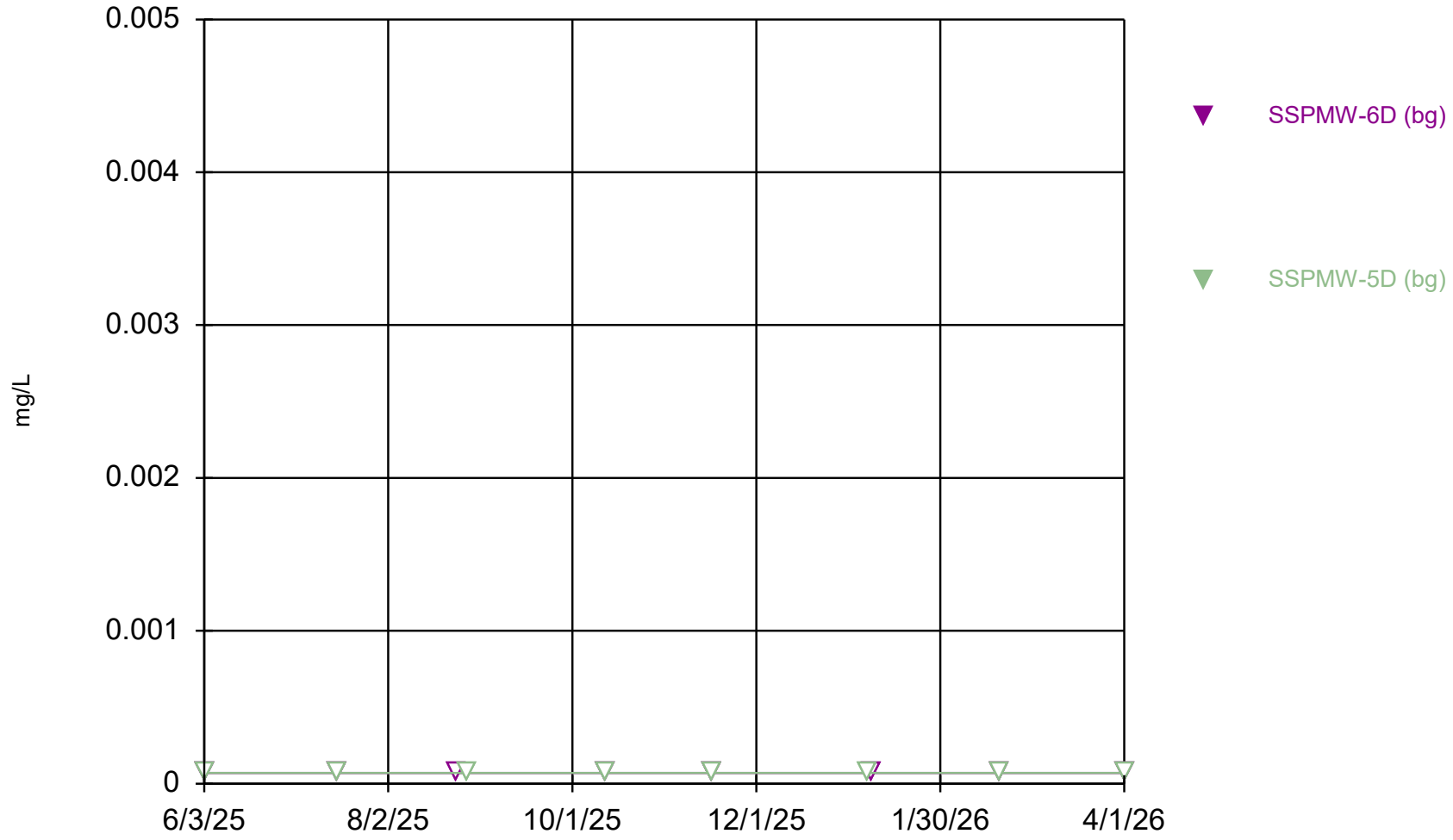
Hollow symbols indicate censored values.

Time Series



Constituent: Mercury Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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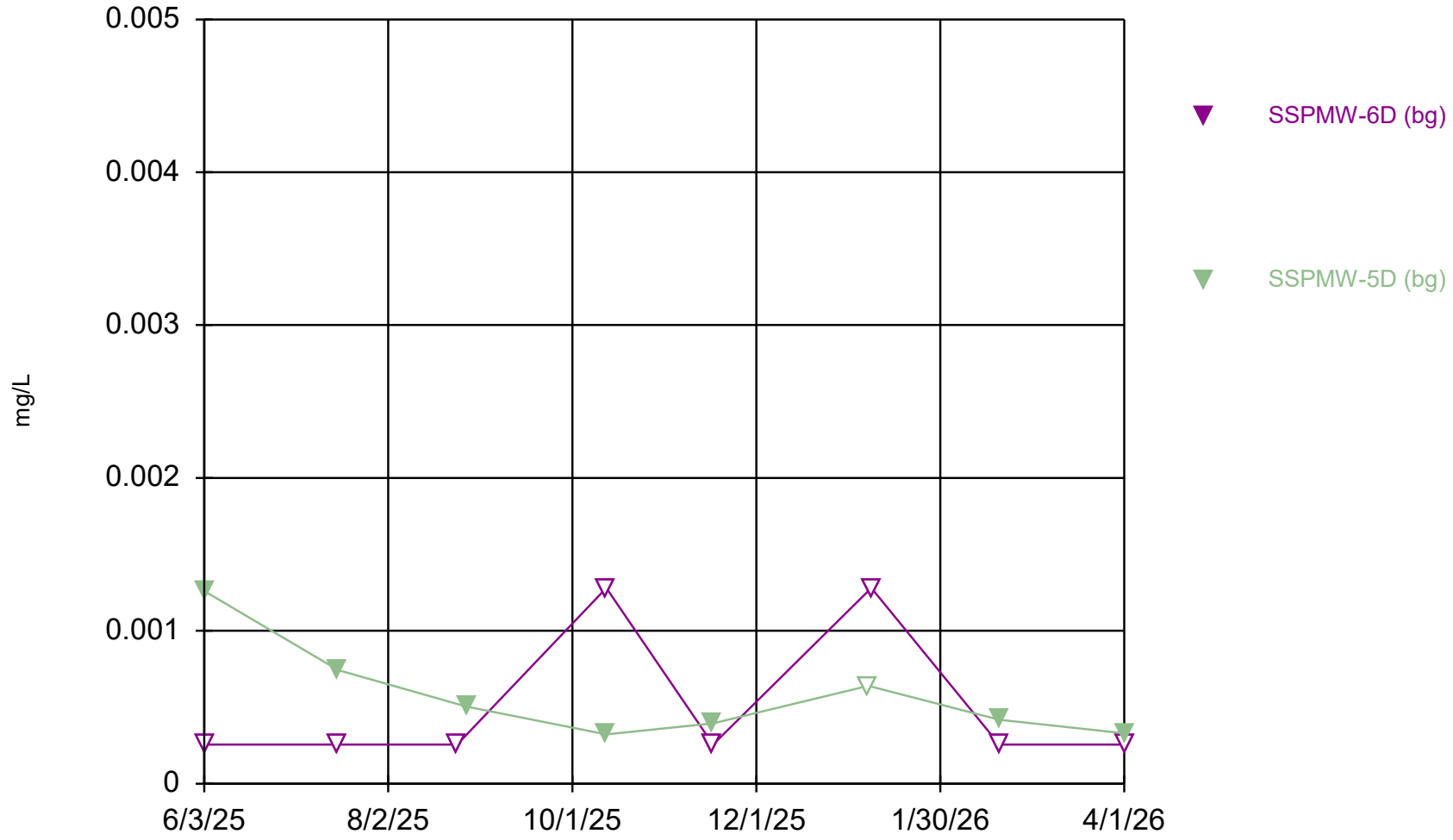
Hollow symbols indicate censored values.

Time Series



Constituent: Molybdenum Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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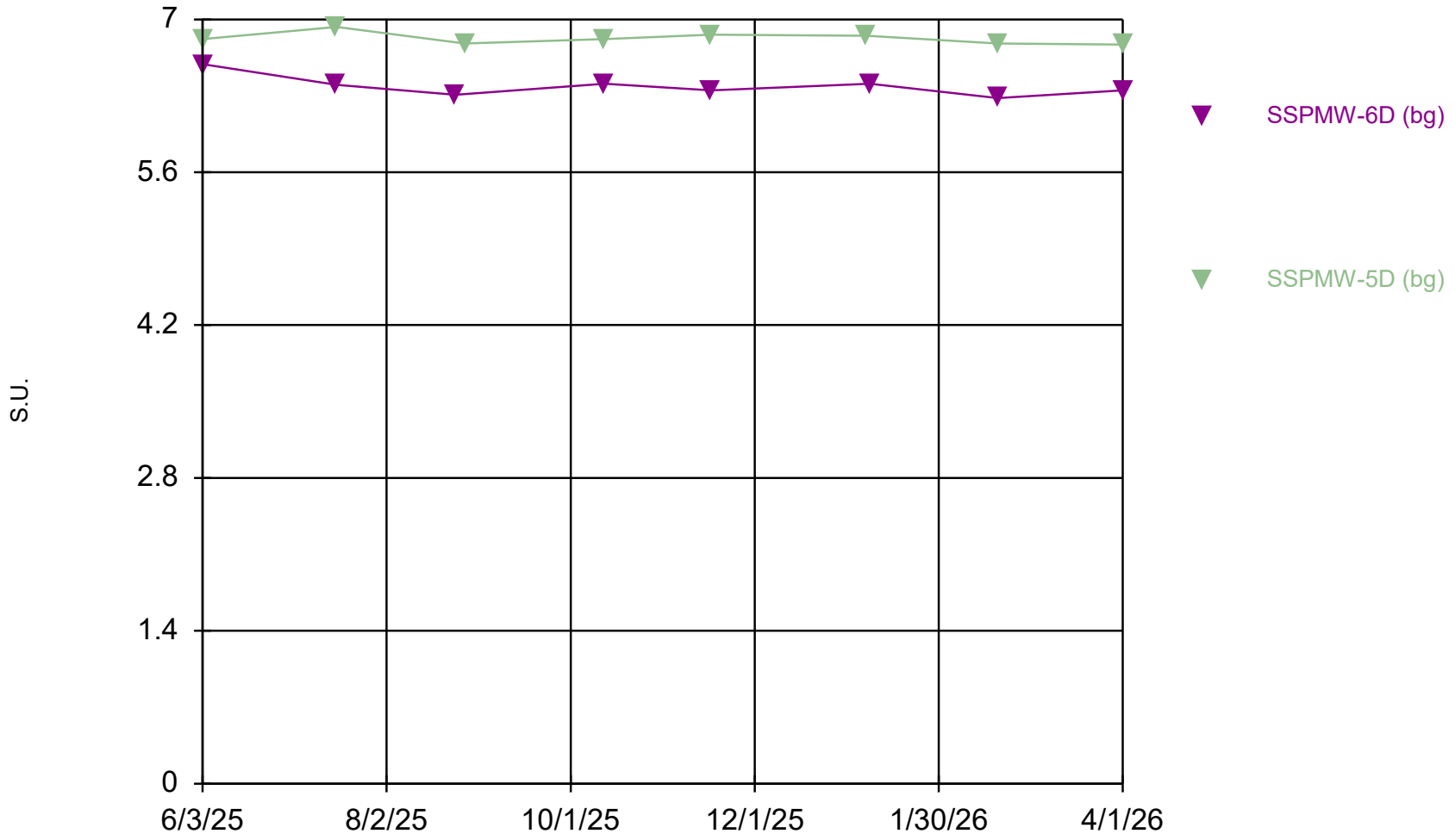
Time Series



Constituent: pH Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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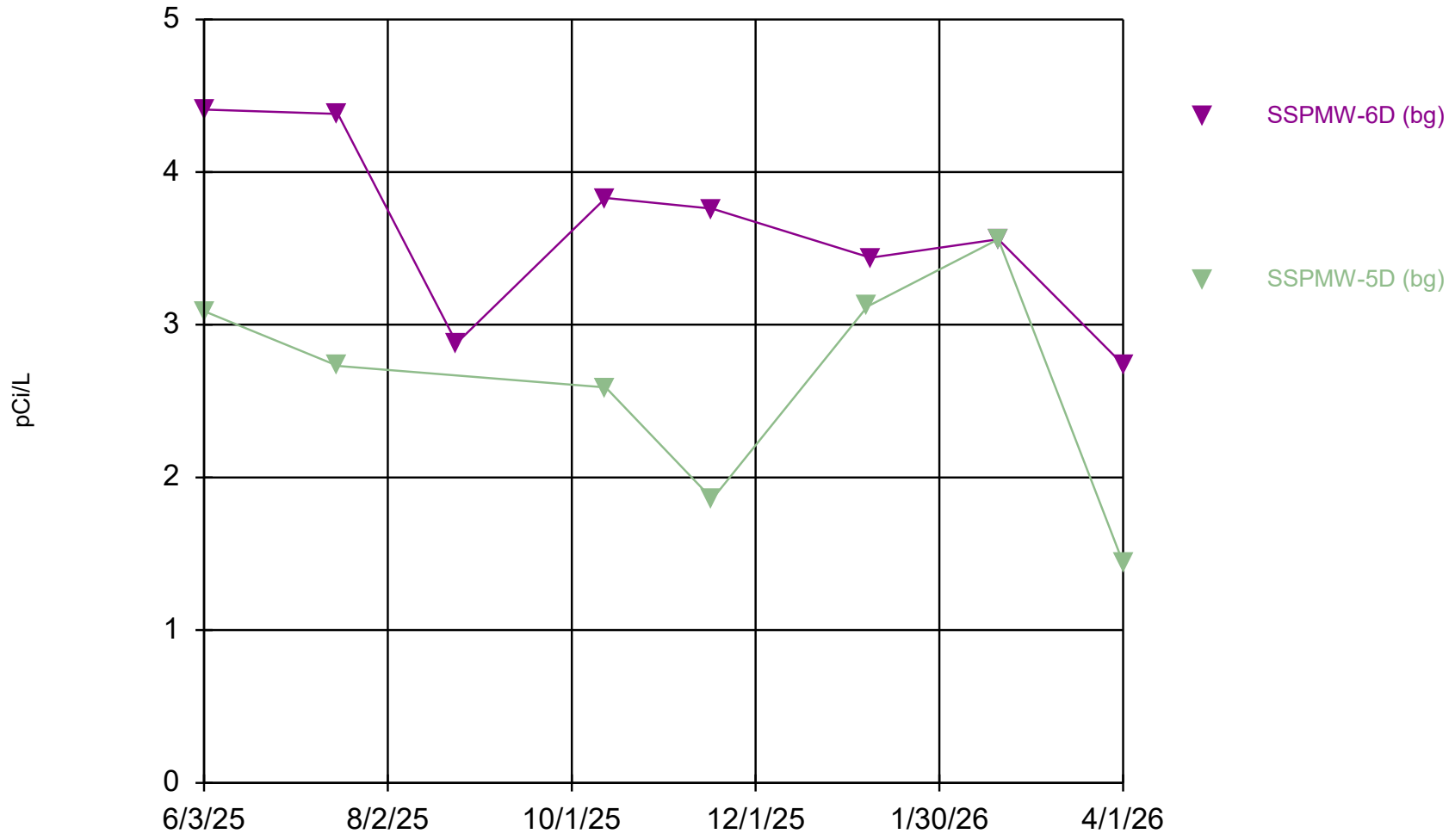
Time Series



Constituent: Radium 226 + 228 Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Backgro

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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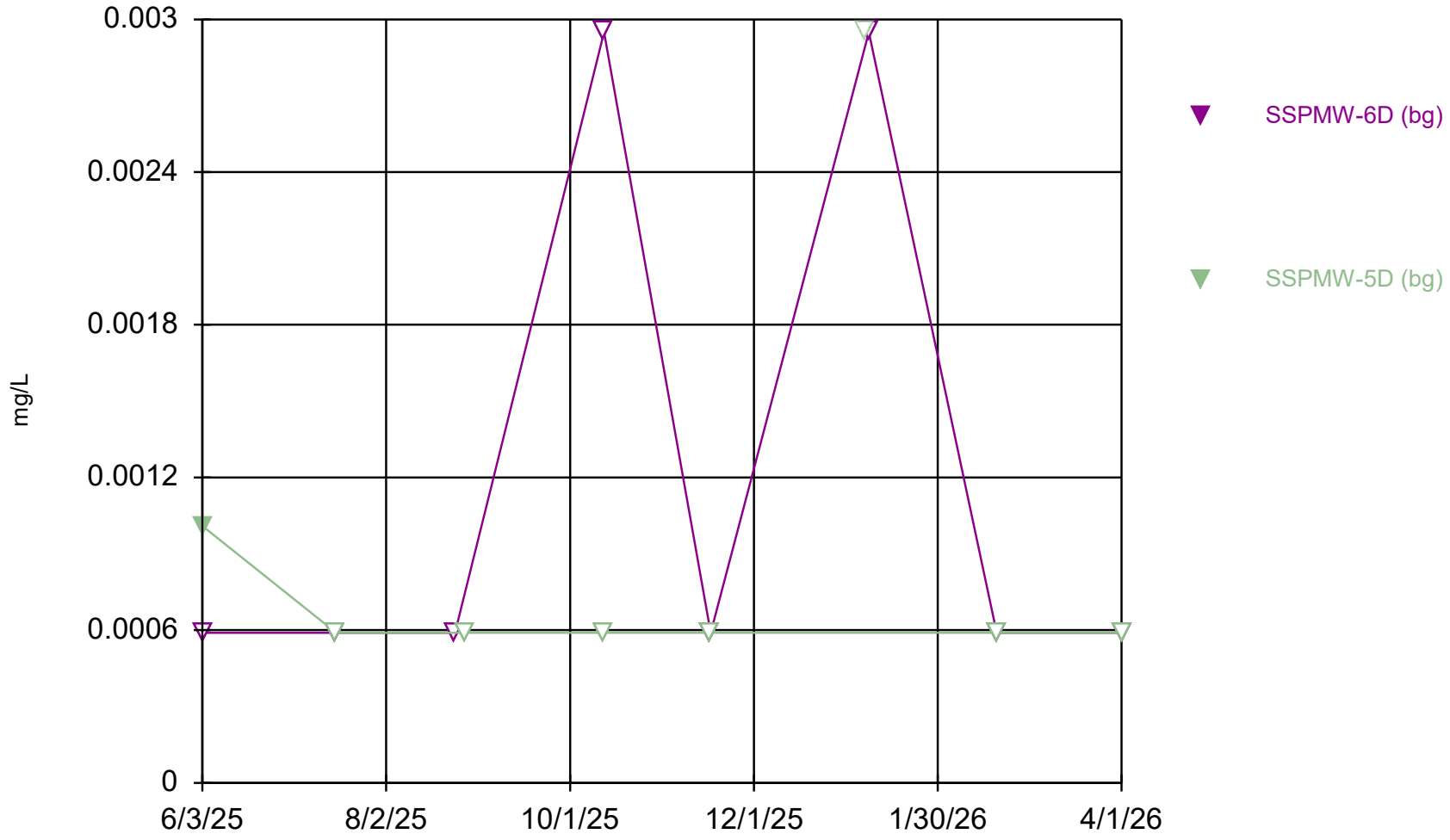
Hollow symbols indicate censored values.

Time Series



Constituent: Selenium Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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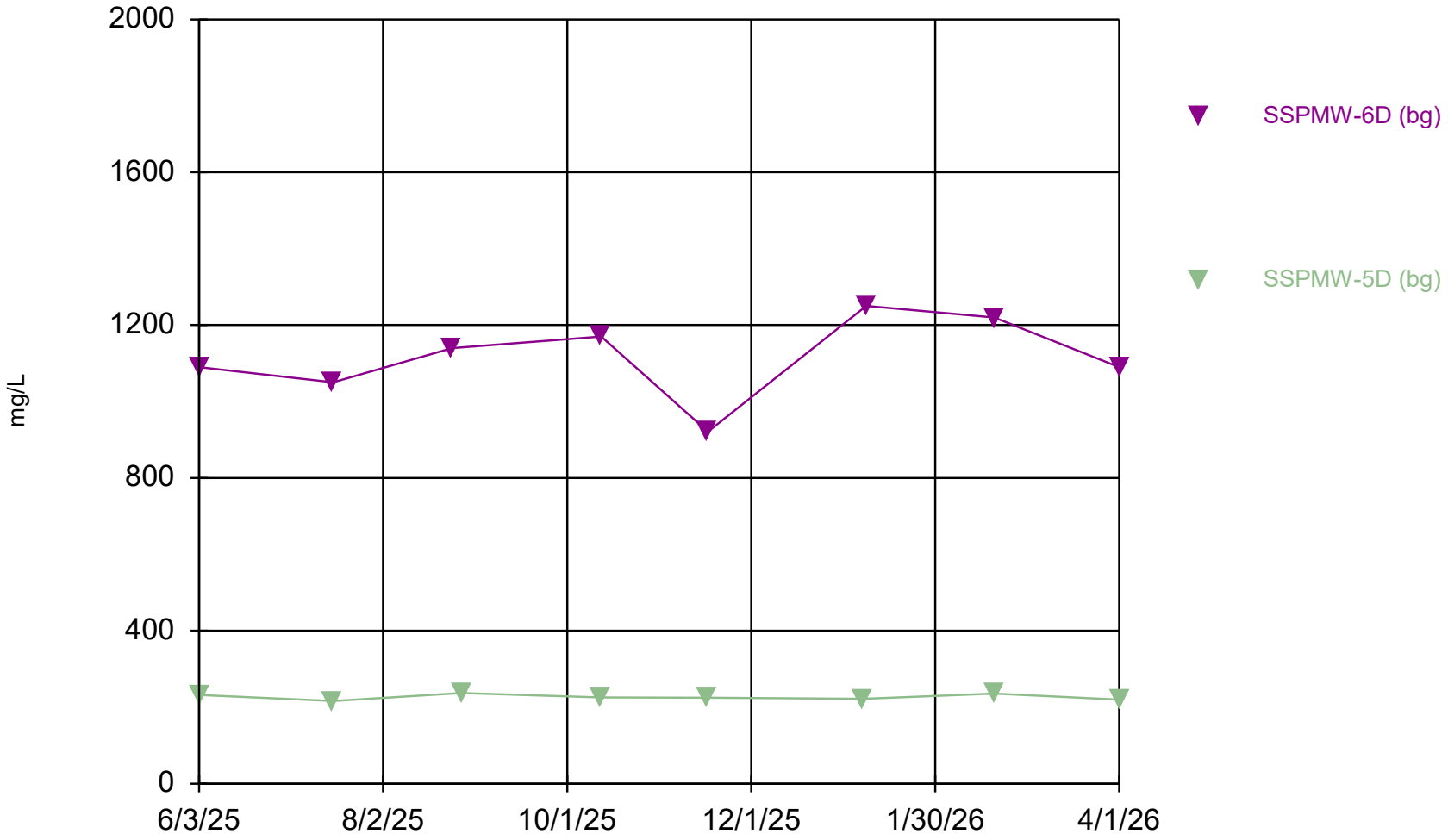
Time Series



Constituent: Sulfate Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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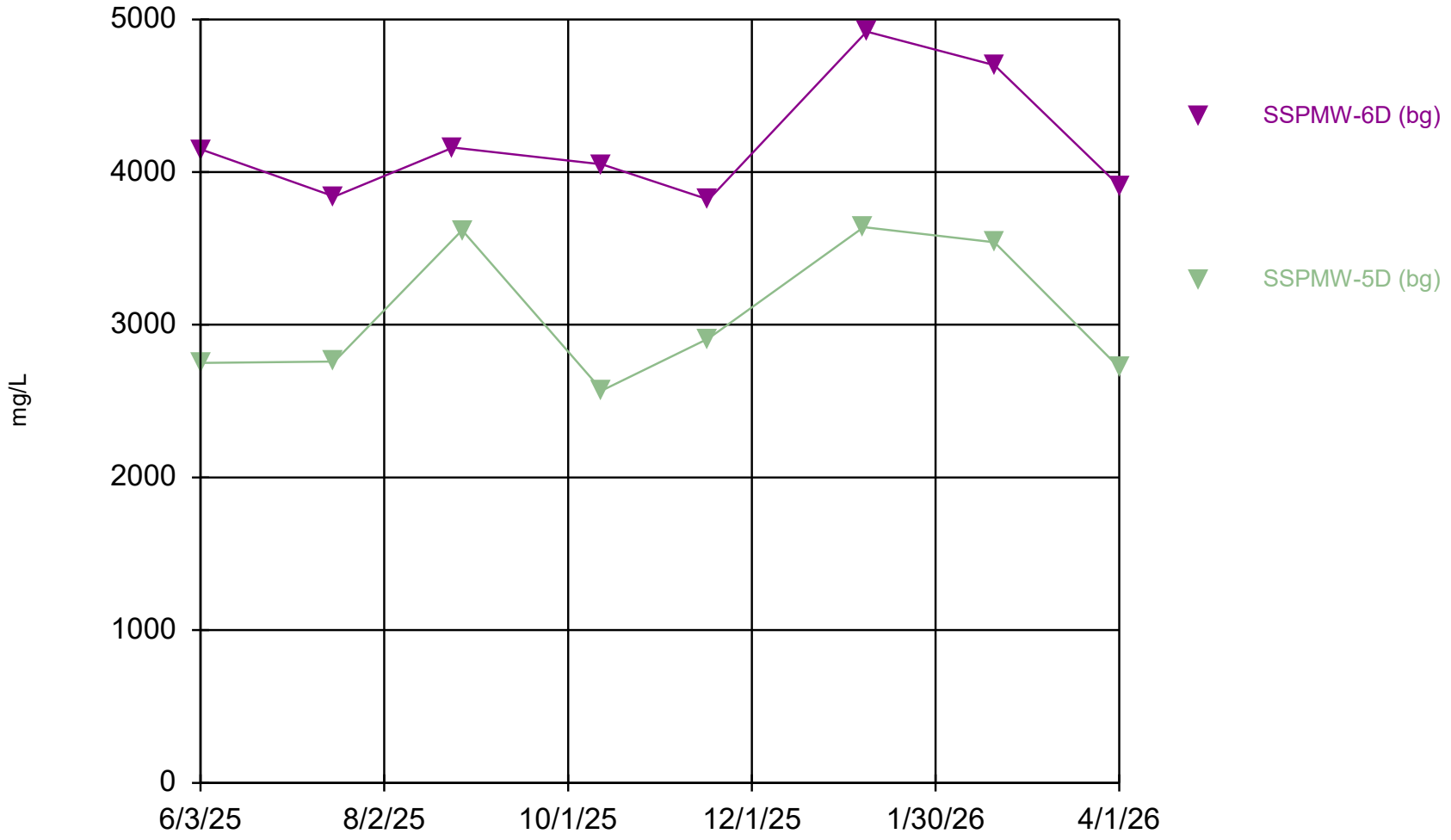
Time Series



Constituent: TDS Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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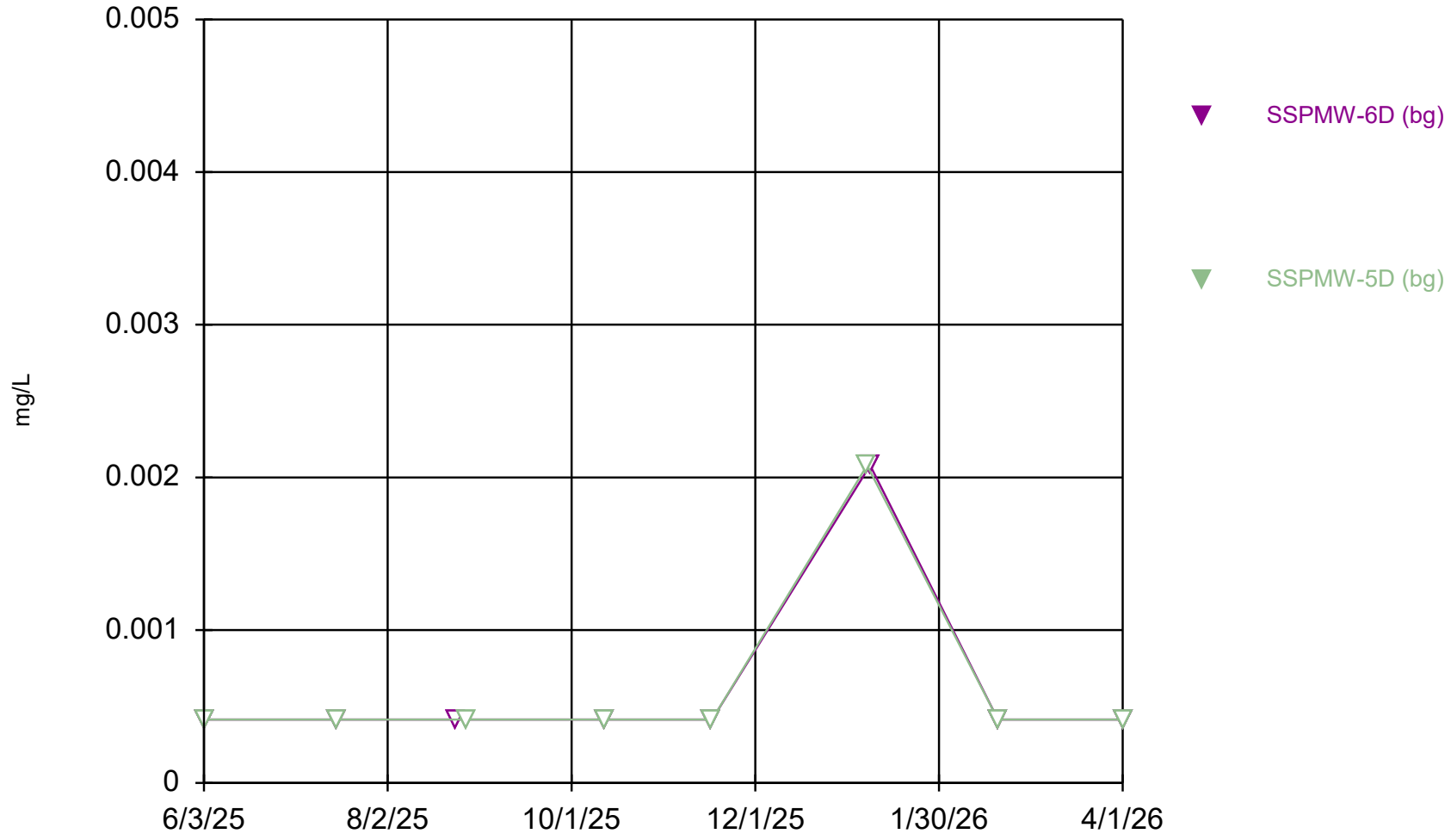
Hollow symbols indicate censored values.

Time Series



Constituent: Thallium Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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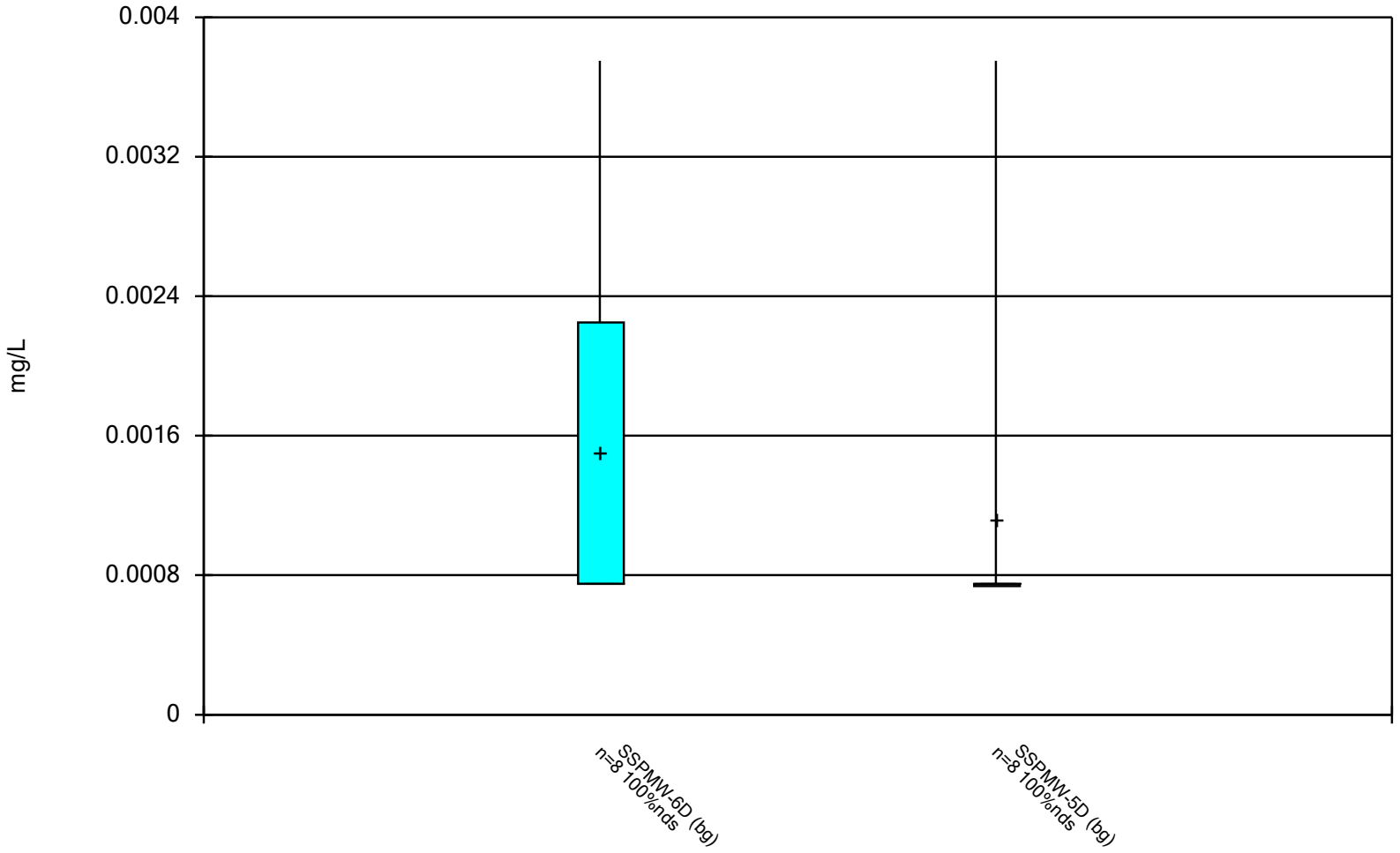
Box & Whiskers Plot



Constituent: Antimony Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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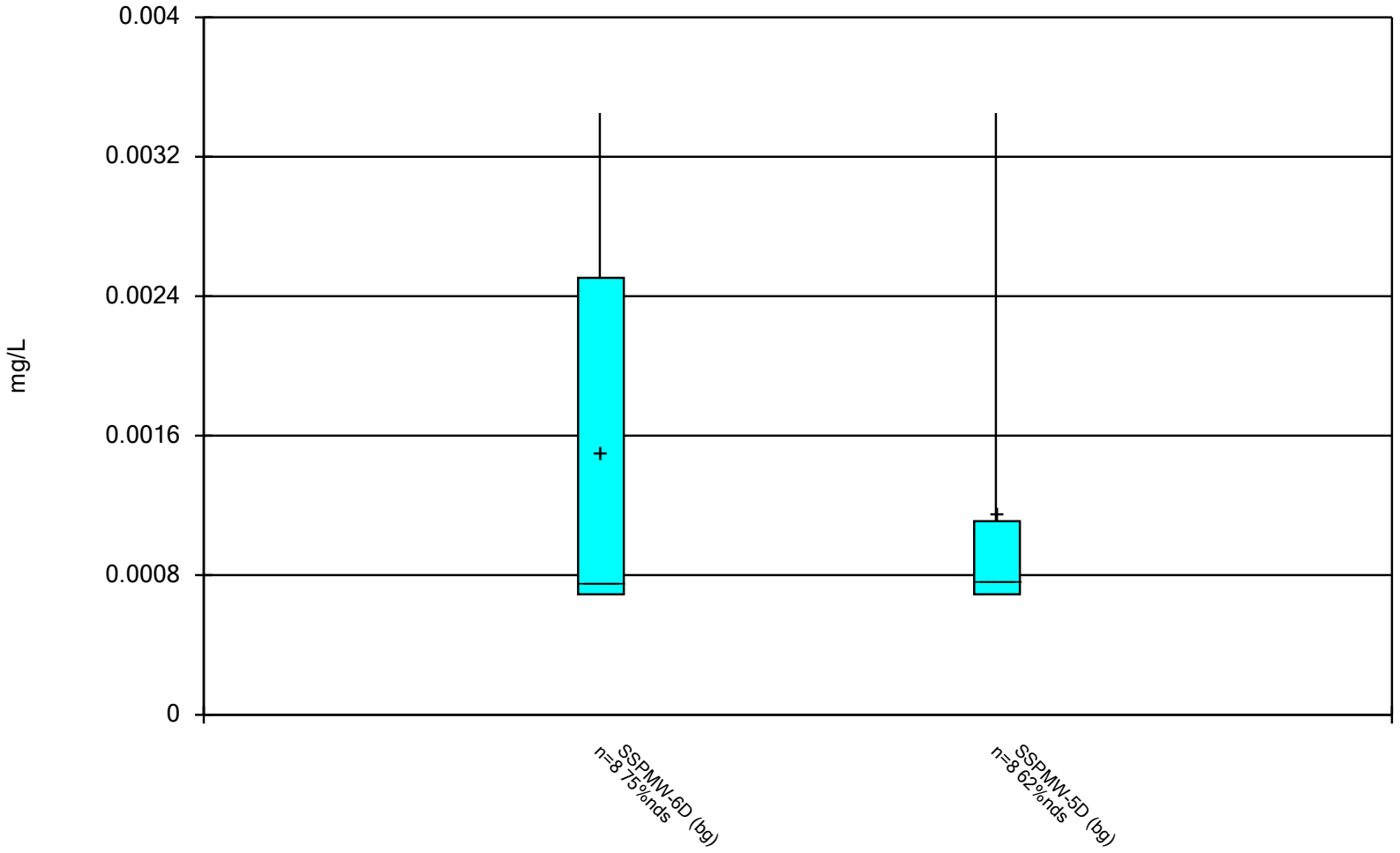
Box & Whiskers Plot



Constituent: Arsenic Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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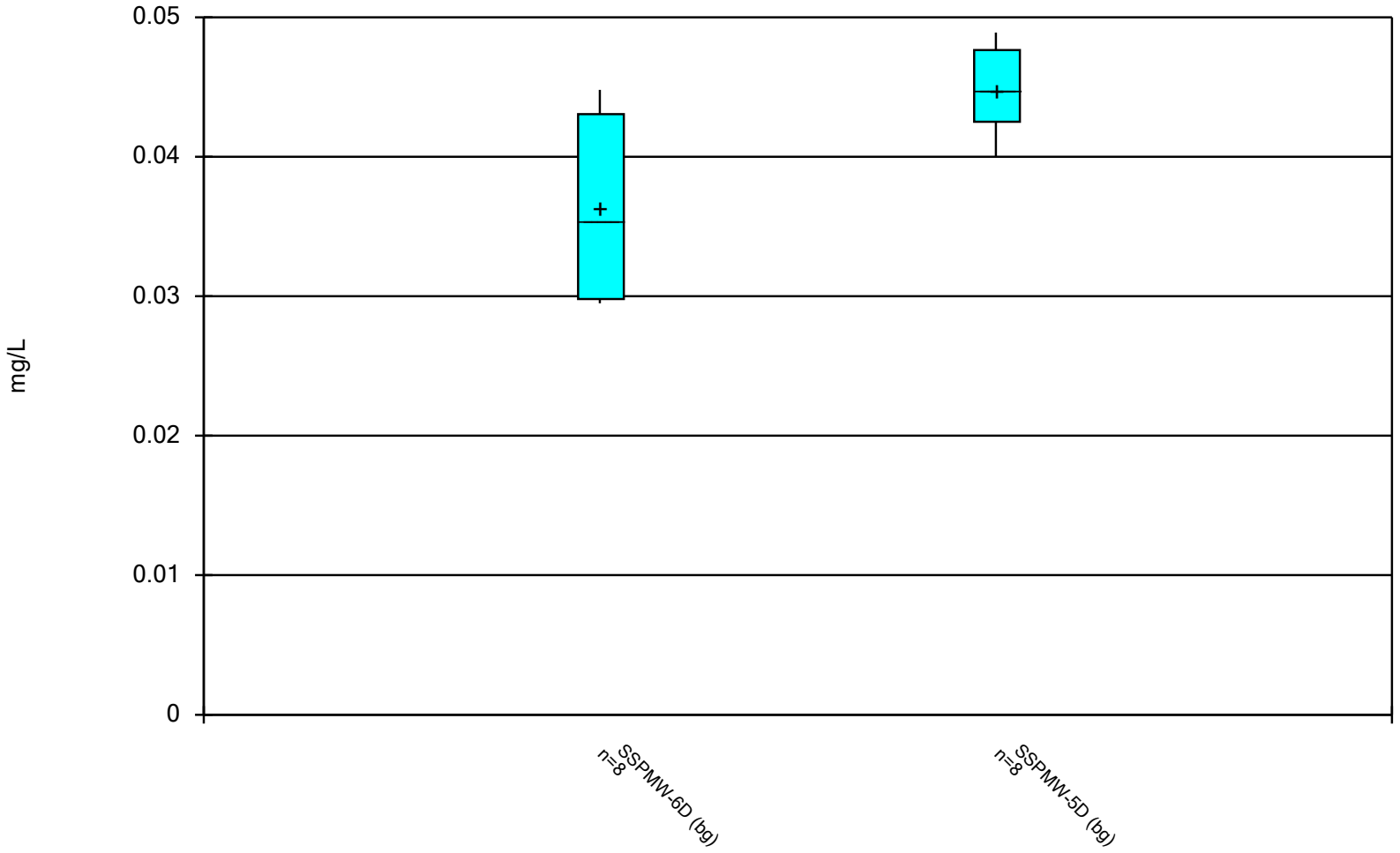
Box & Whiskers Plot



Constituent: Barium Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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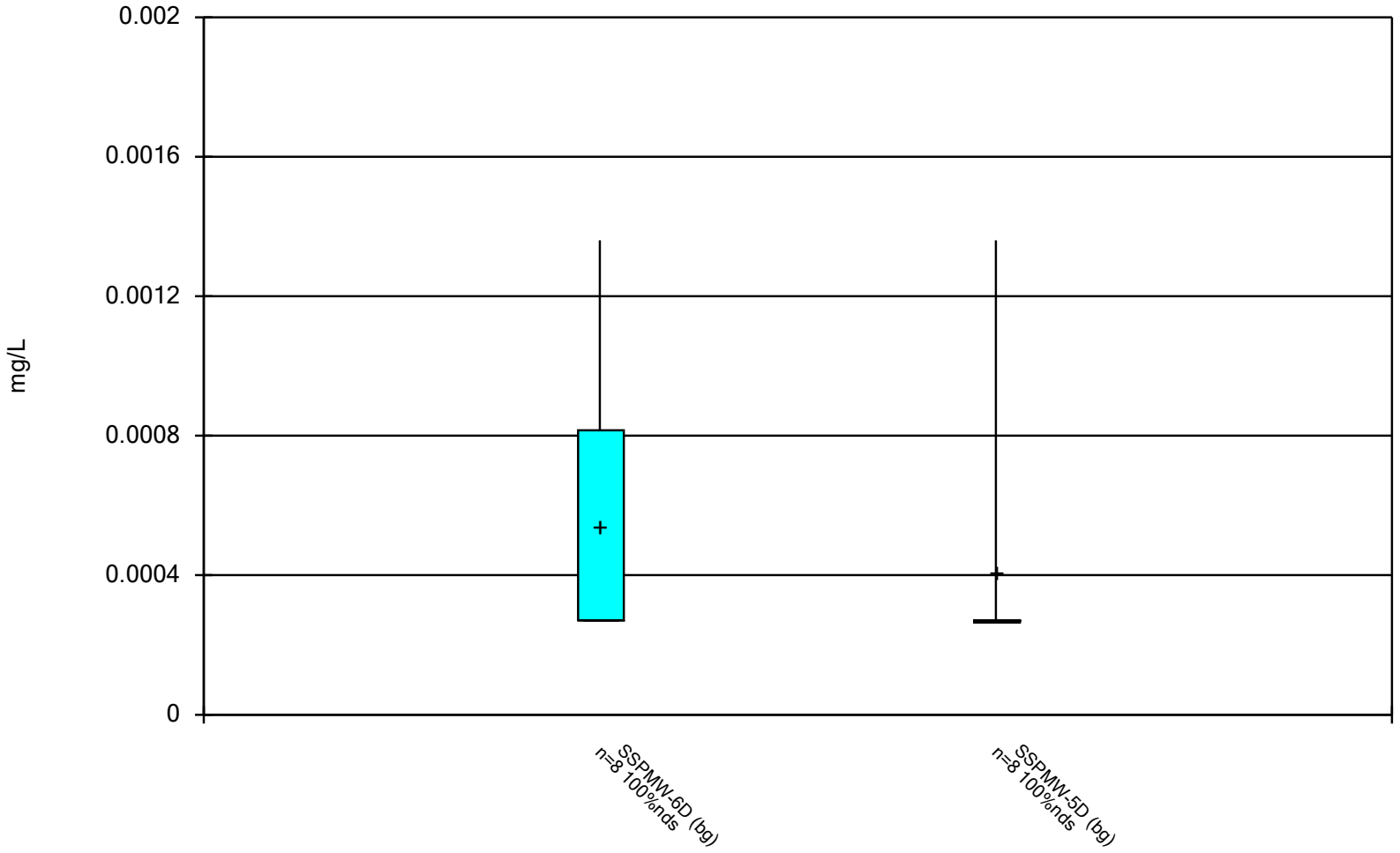
Box & Whiskers Plot



Constituent: Beryllium Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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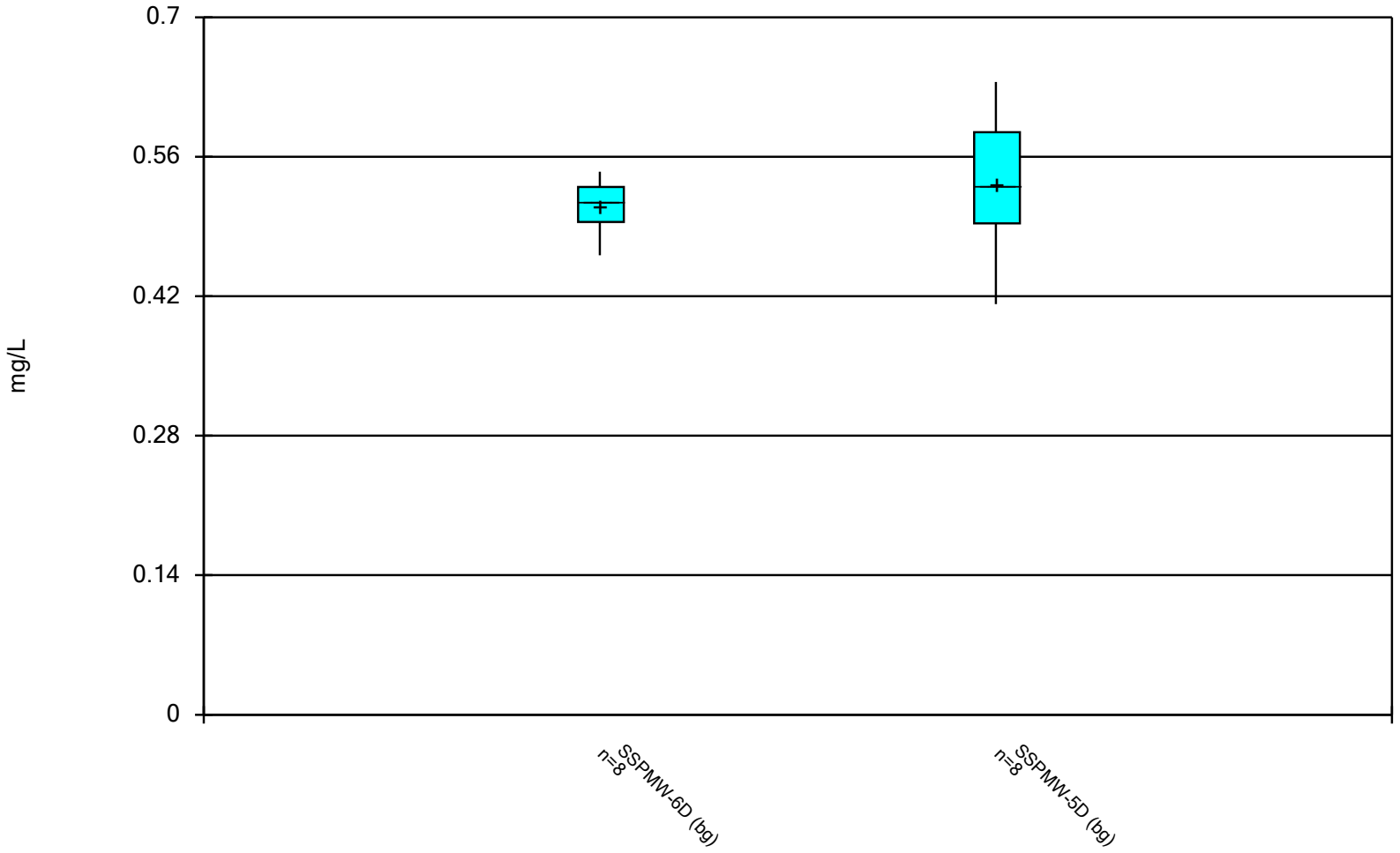
Box & Whiskers Plot



Constituent: Boron Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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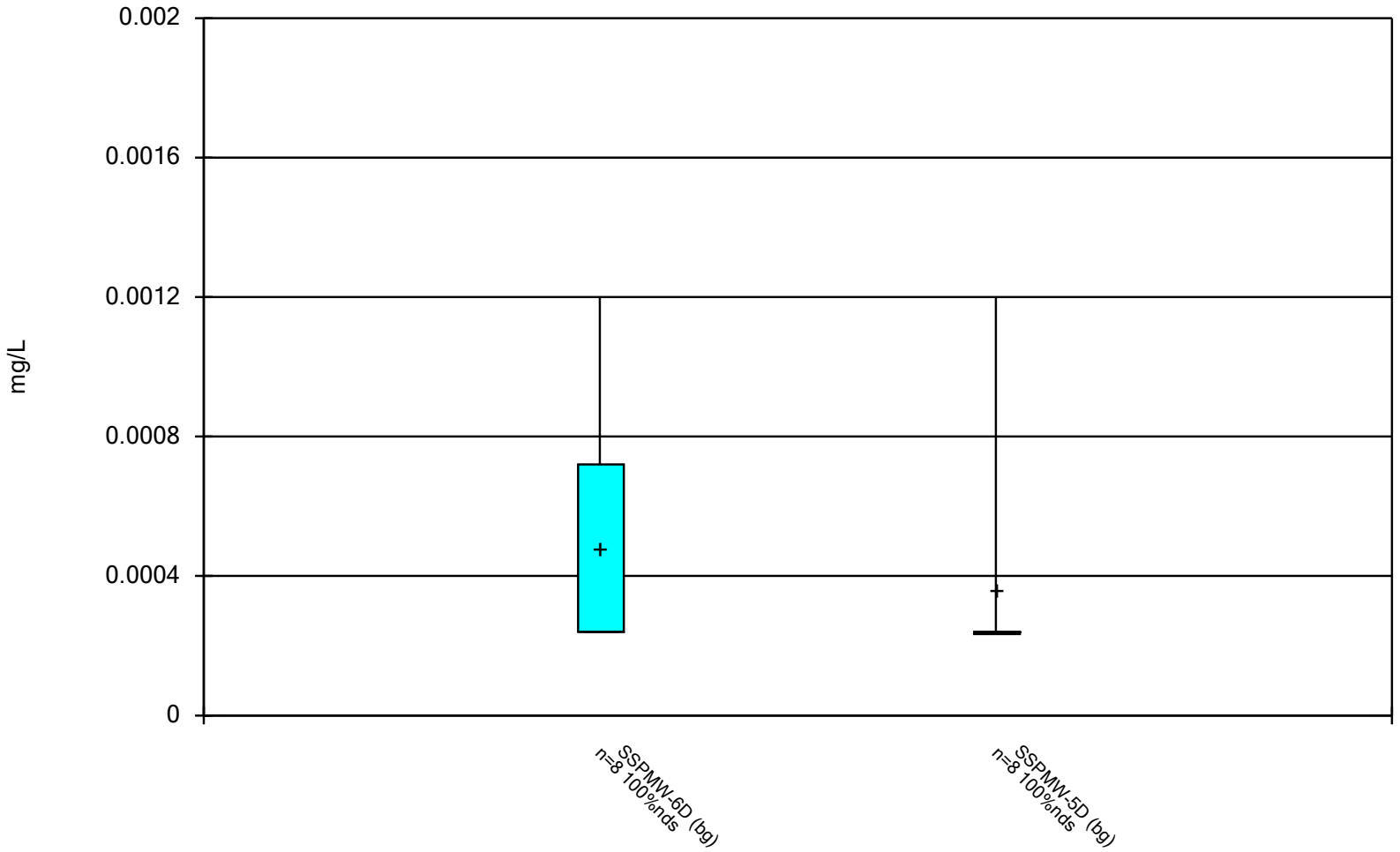
Box & Whiskers Plot



Constituent: Cadmium Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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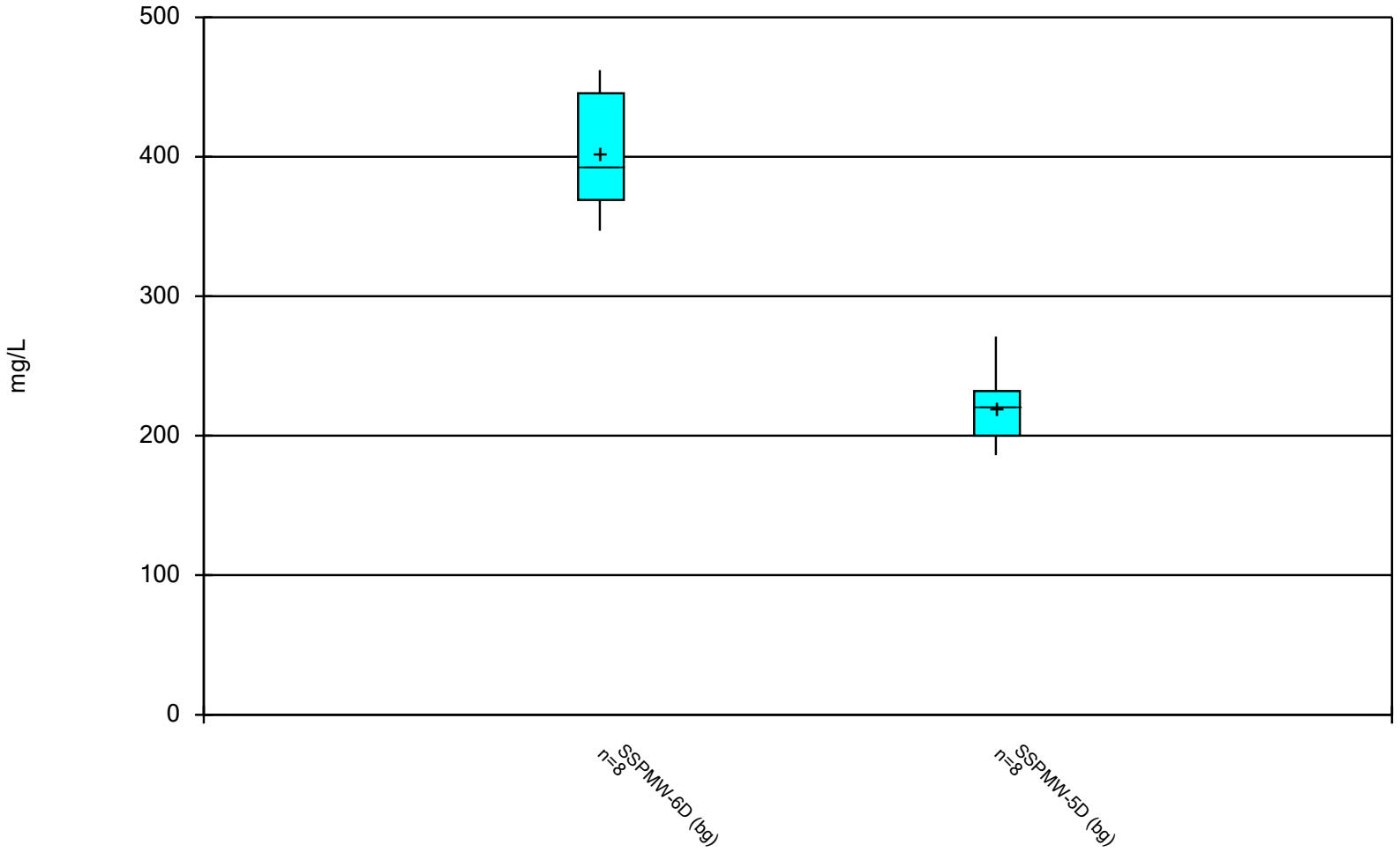
Box & Whiskers Plot



Constituent: Calcium Analysis Run 5/16/2026 12:15 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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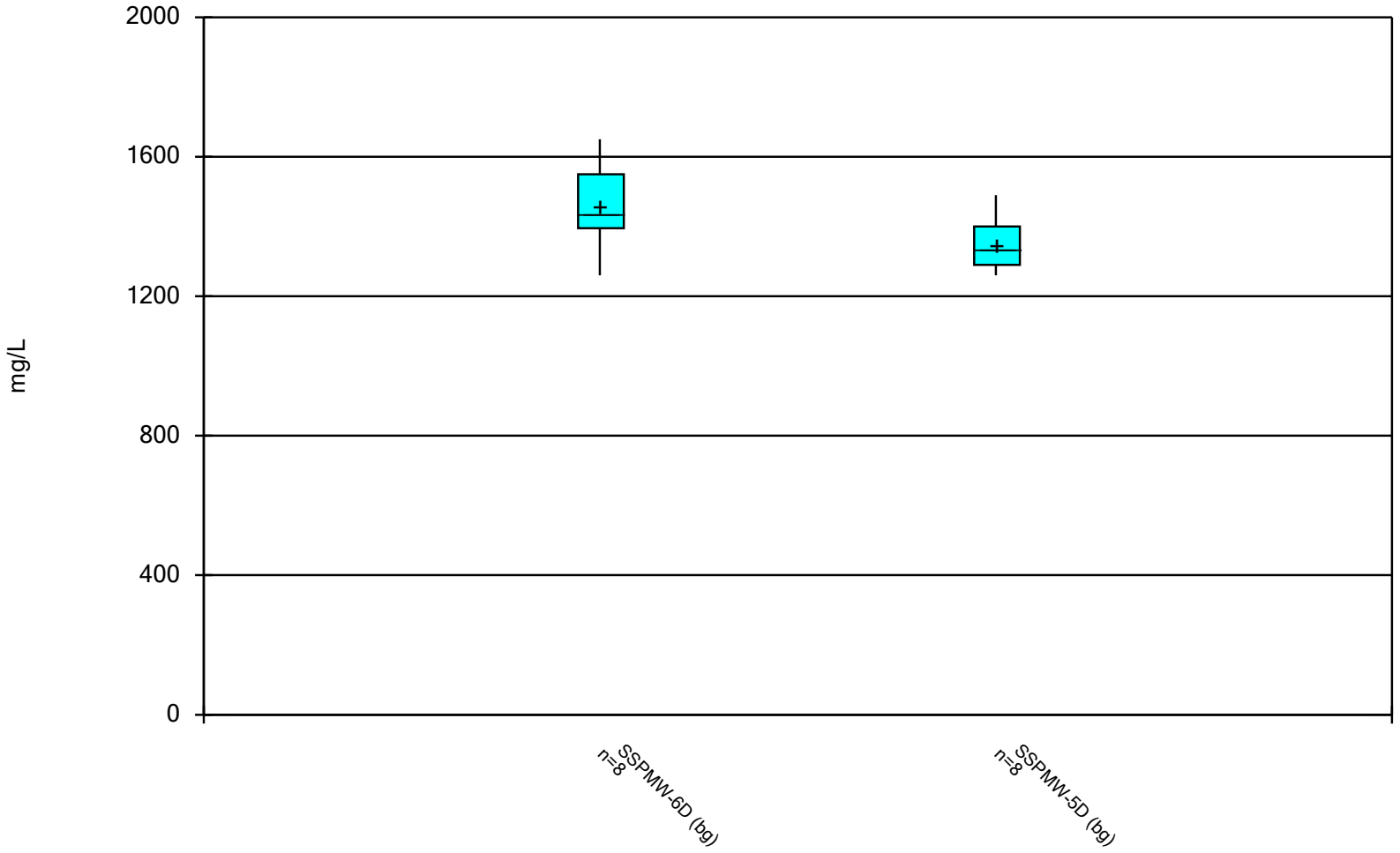
Box & Whiskers Plot



Constituent: Chloride Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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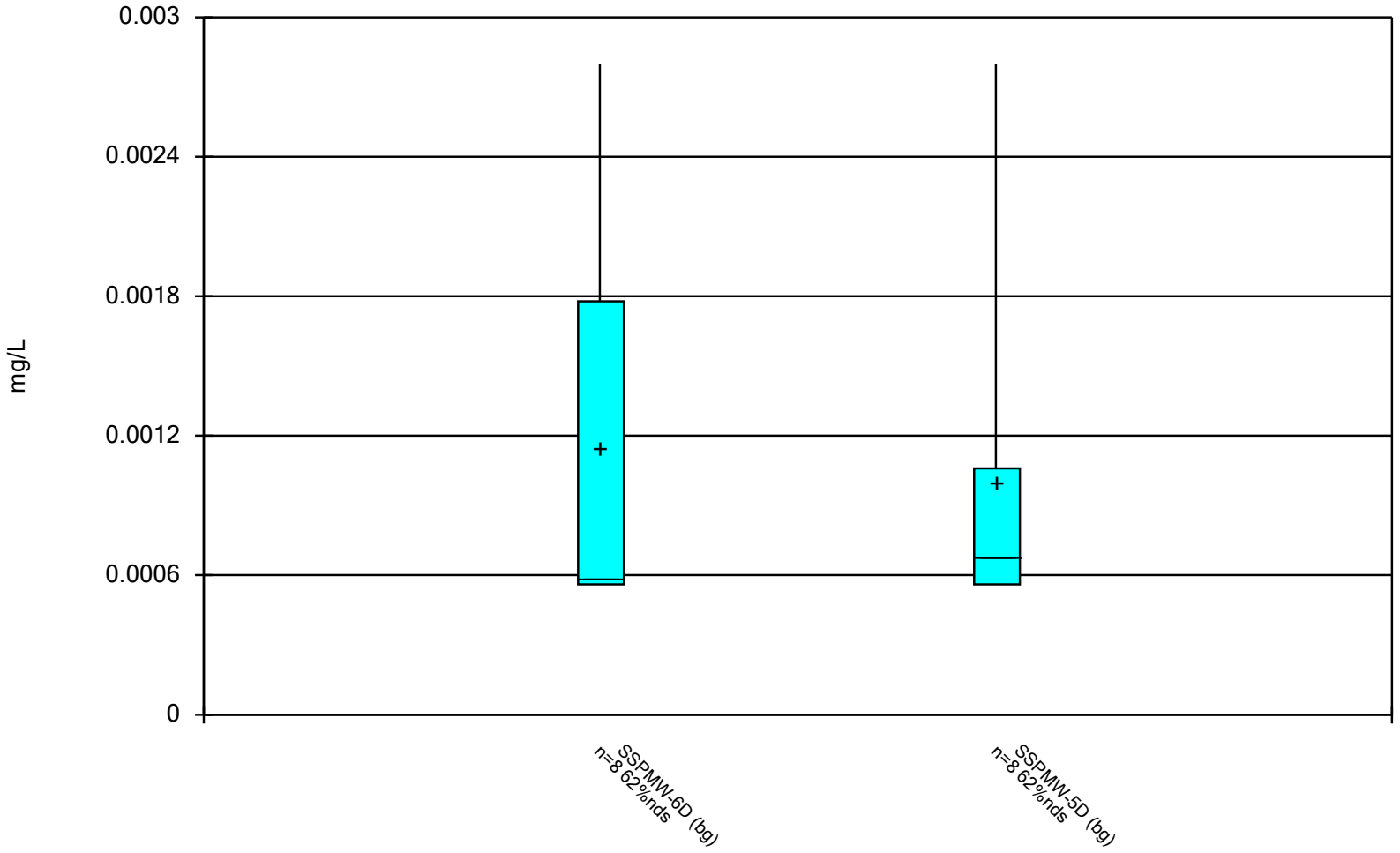
Box & Whiskers Plot



Constituent: Chromium Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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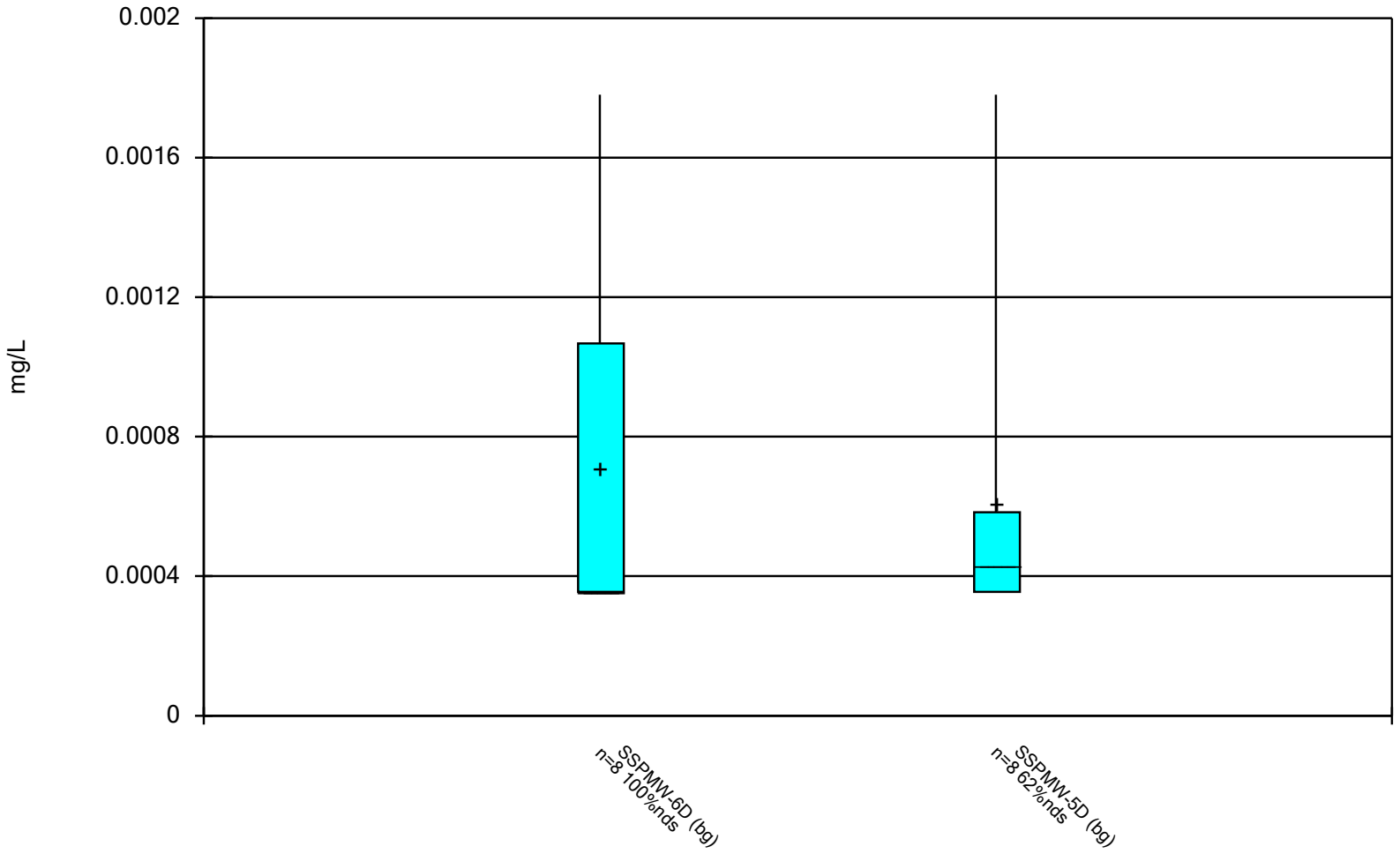
Box & Whiskers Plot



Constituent: Cobalt Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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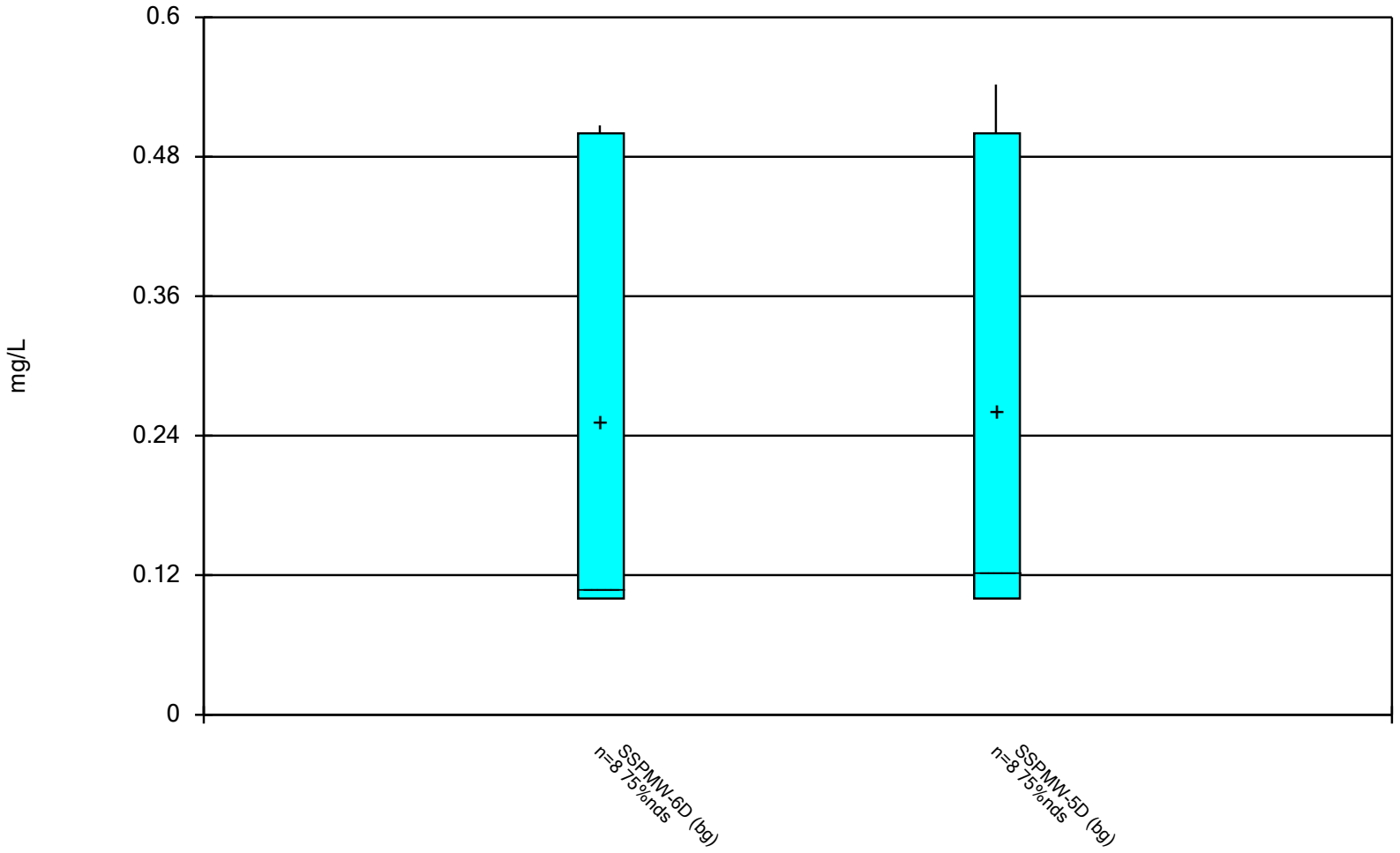
Box & Whiskers Plot

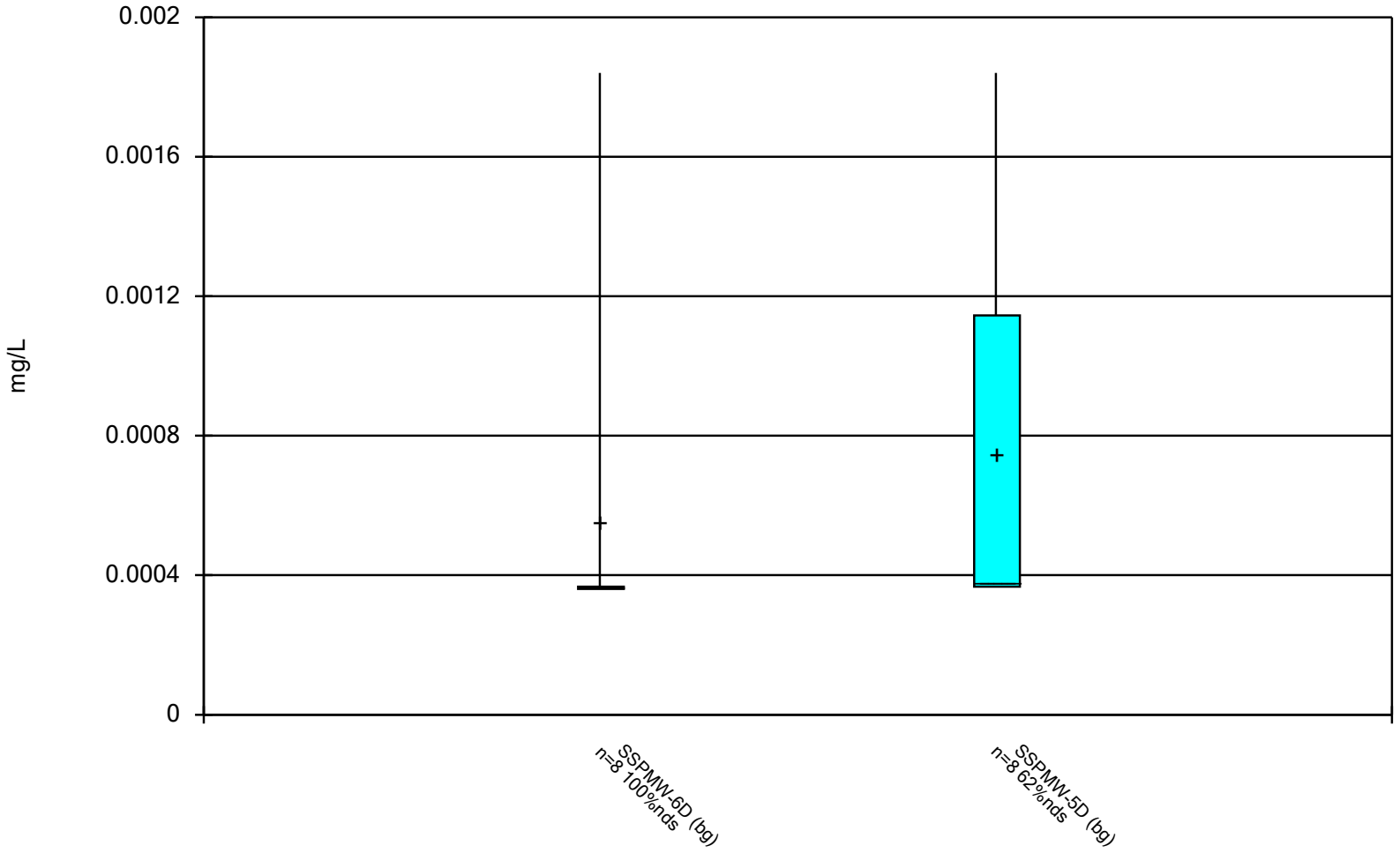


Constituent: Fluoride Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

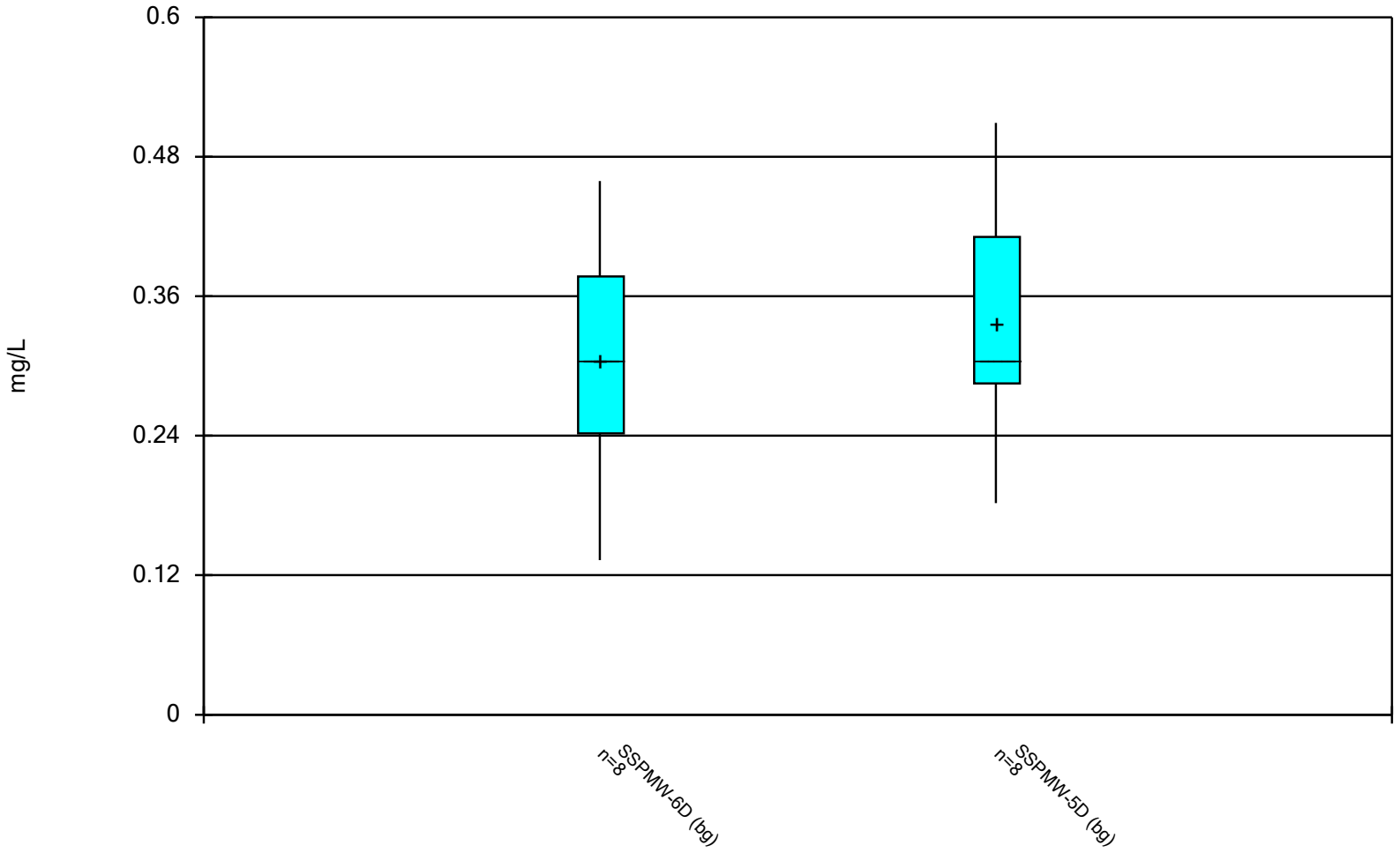


Constituent: Lead Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

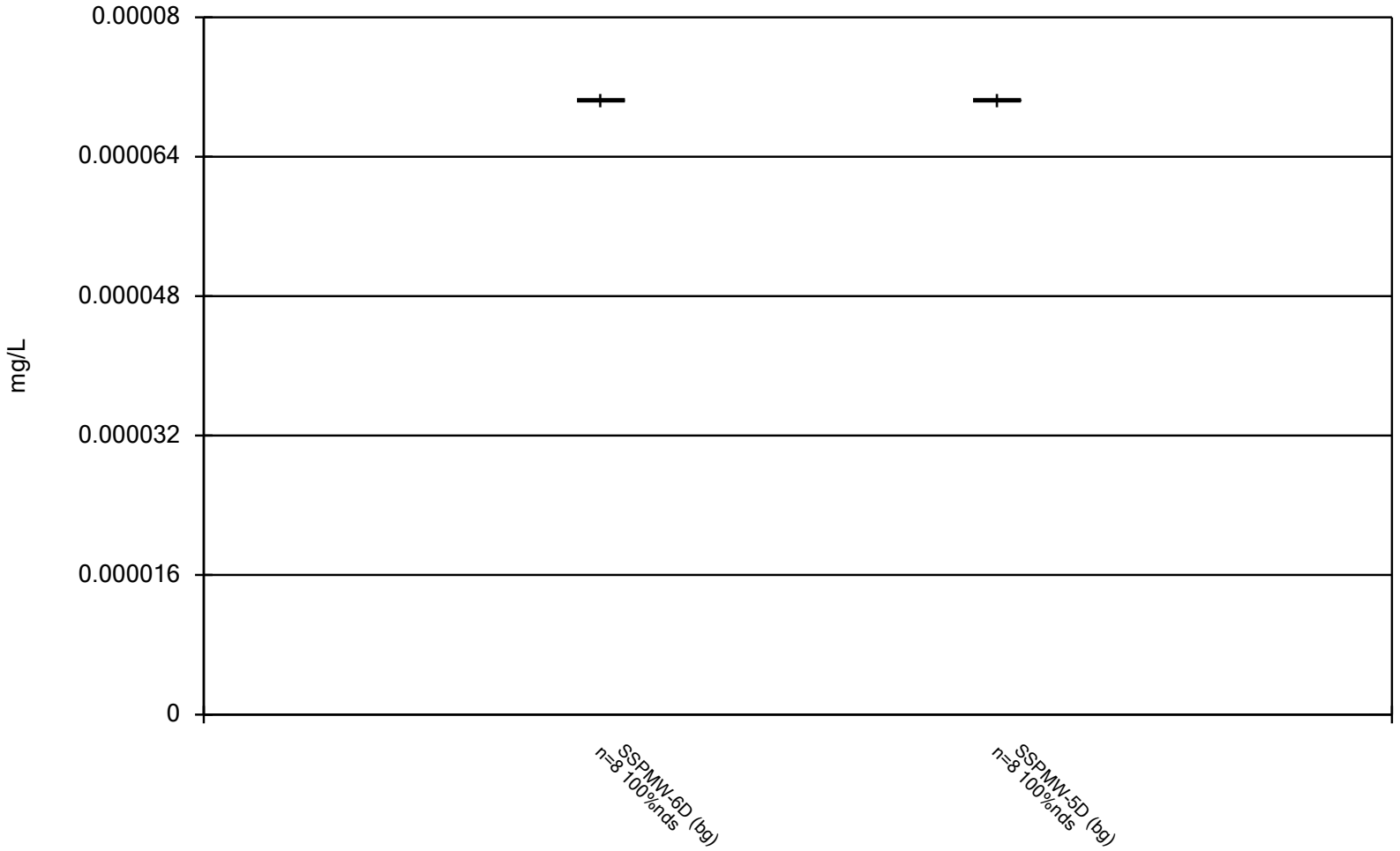


Constituent: Lithium Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

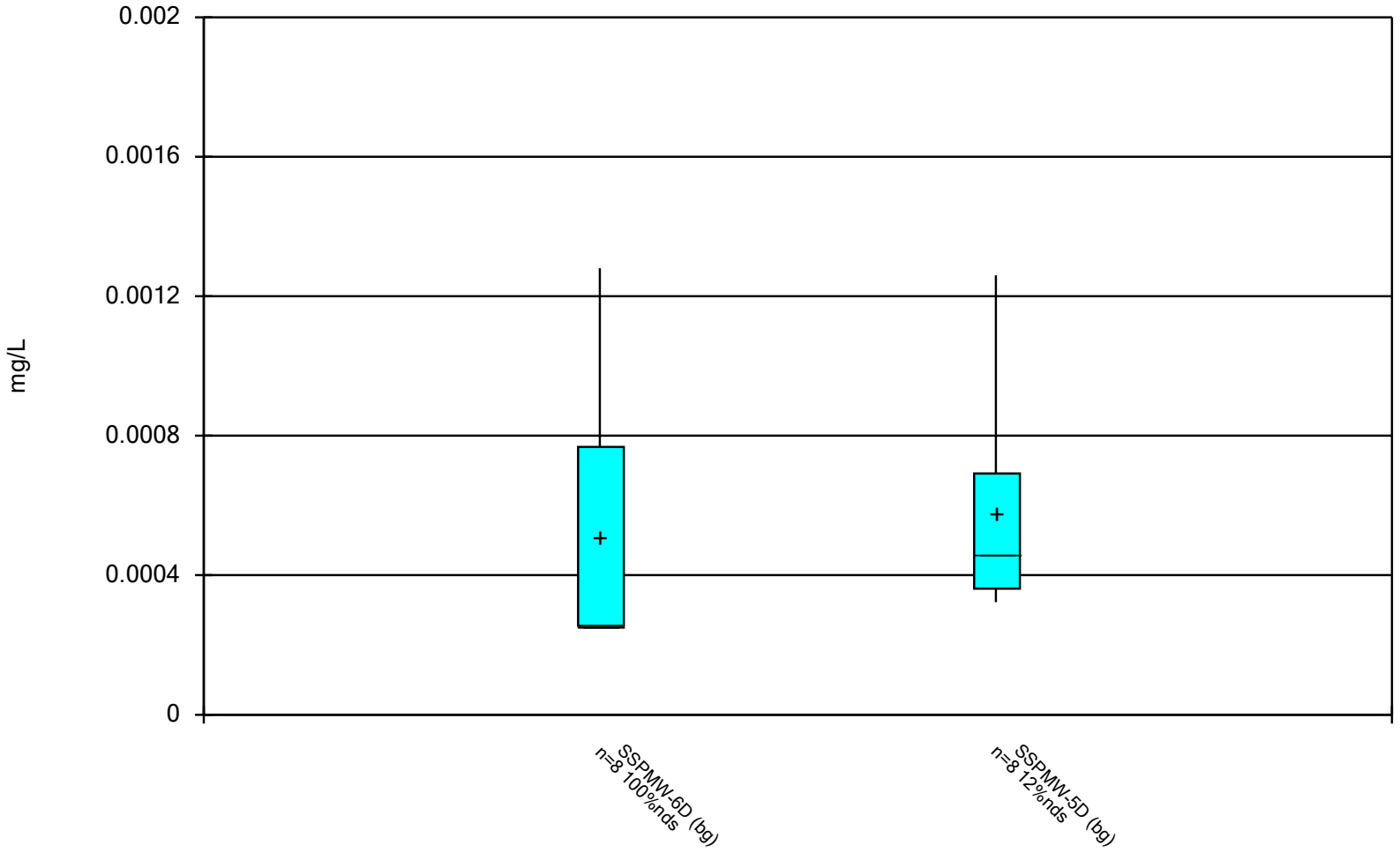


Constituent: Mercury Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

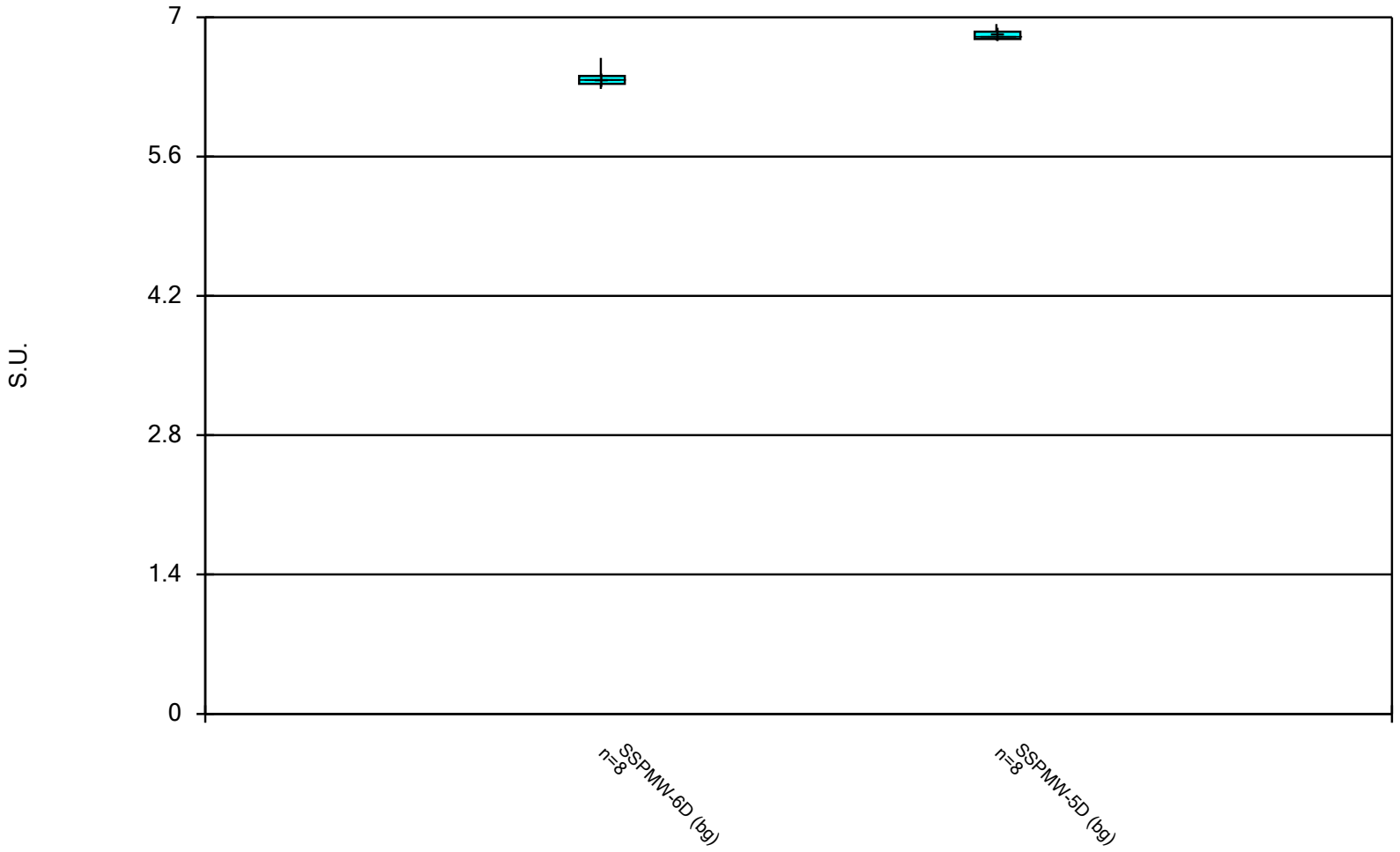


Constituent: Molybdenum Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

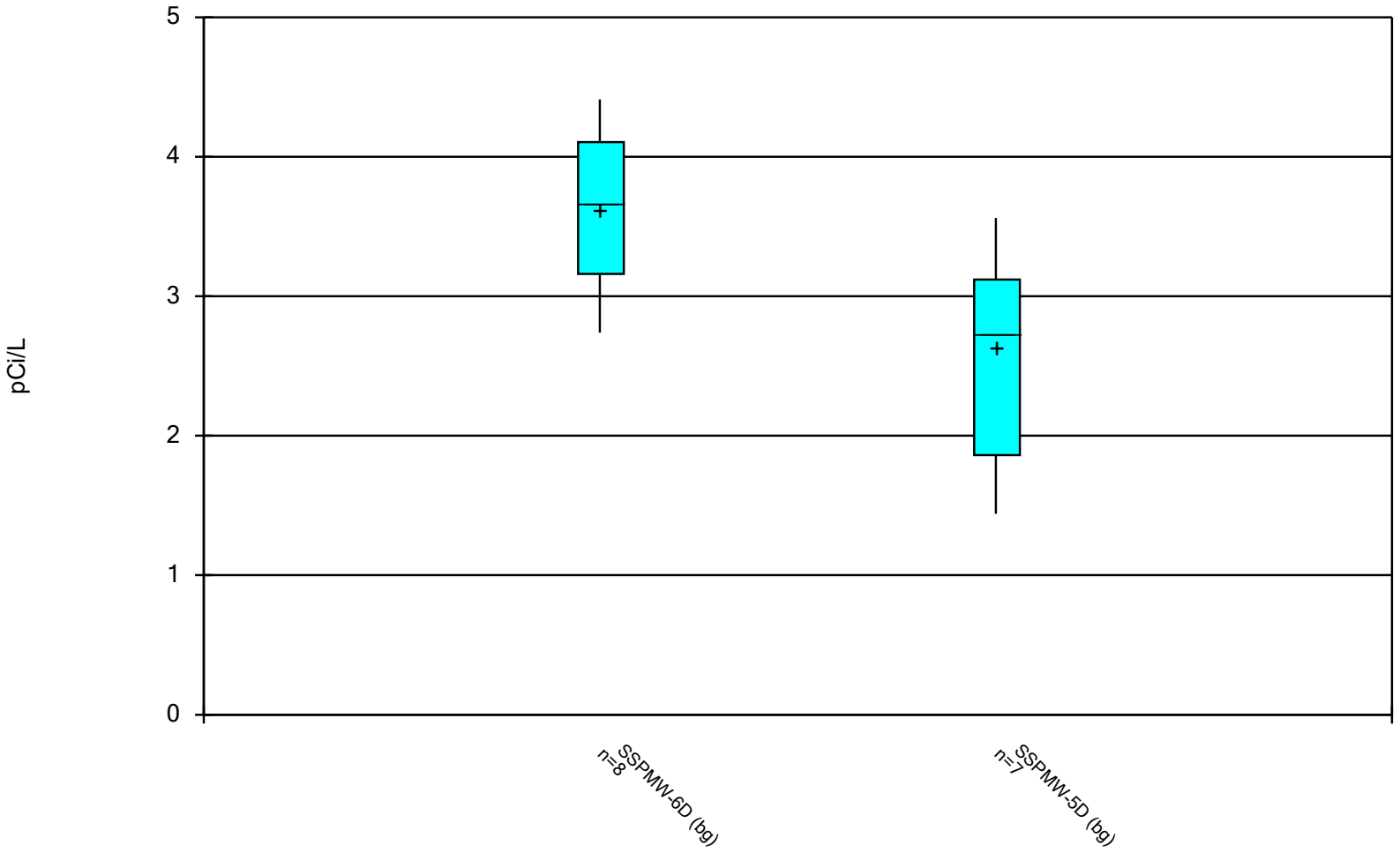


Constituent: pH Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

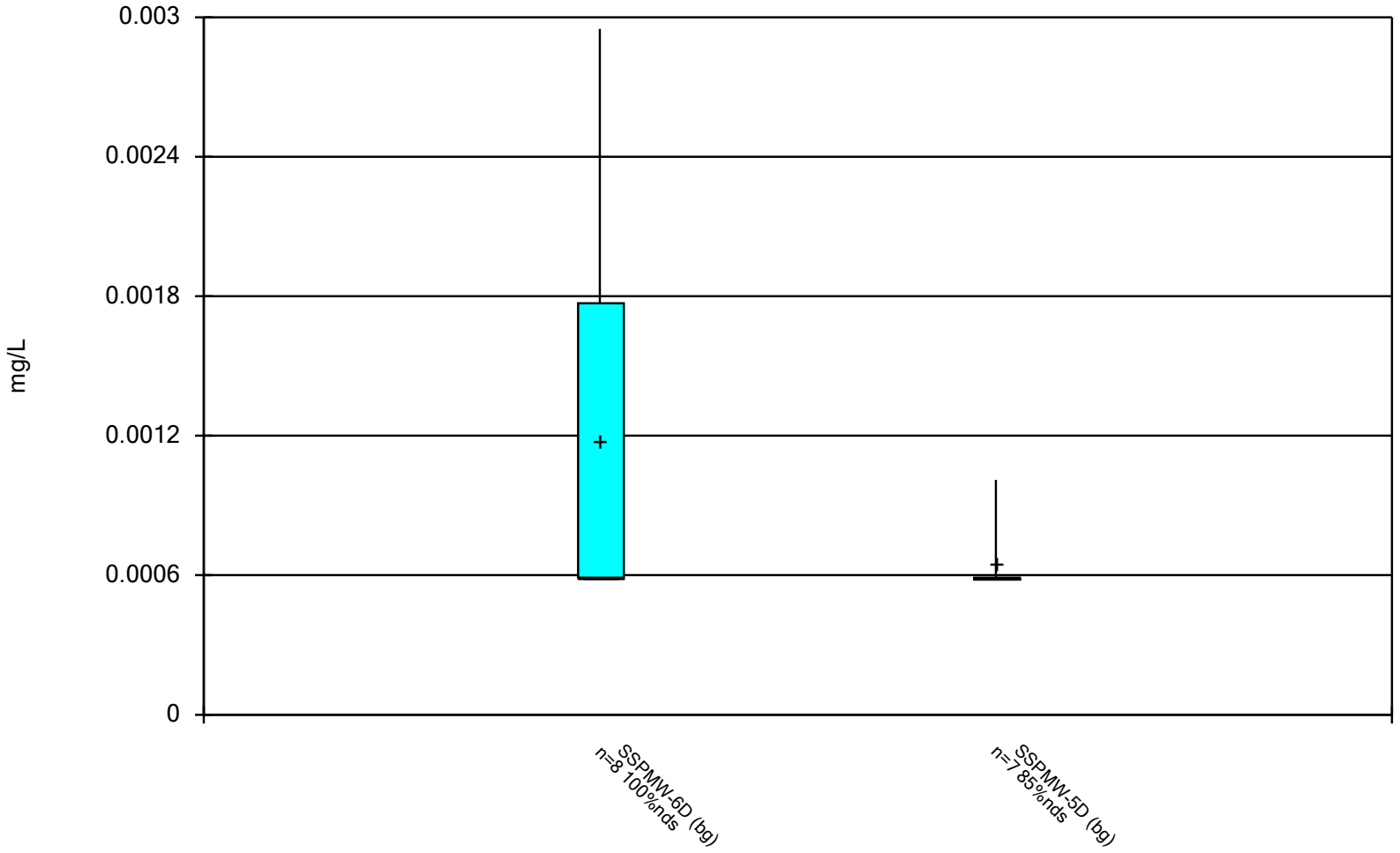


Constituent: Radium 226 + 228 Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Backgro

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

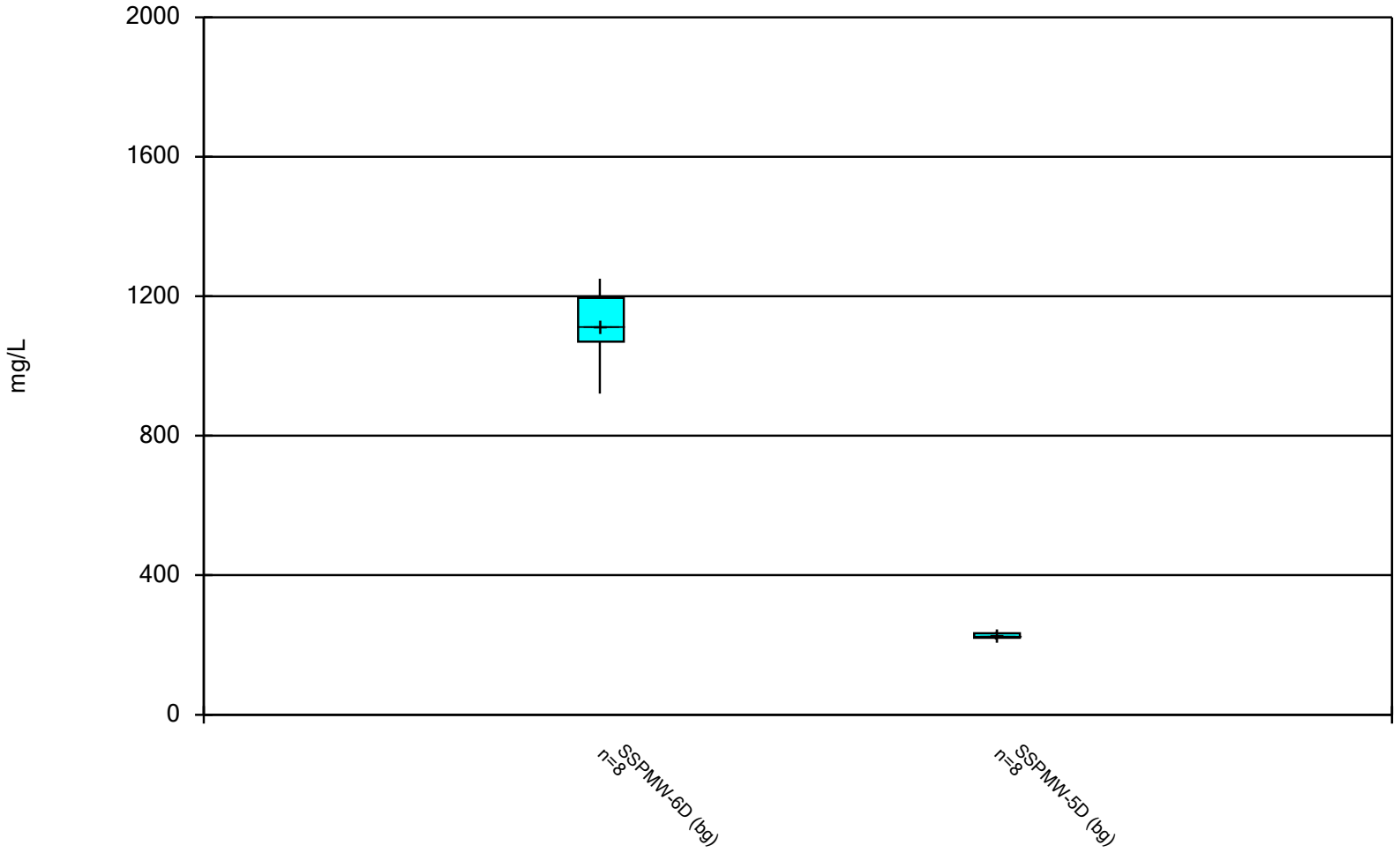


Constituent: Selenium Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

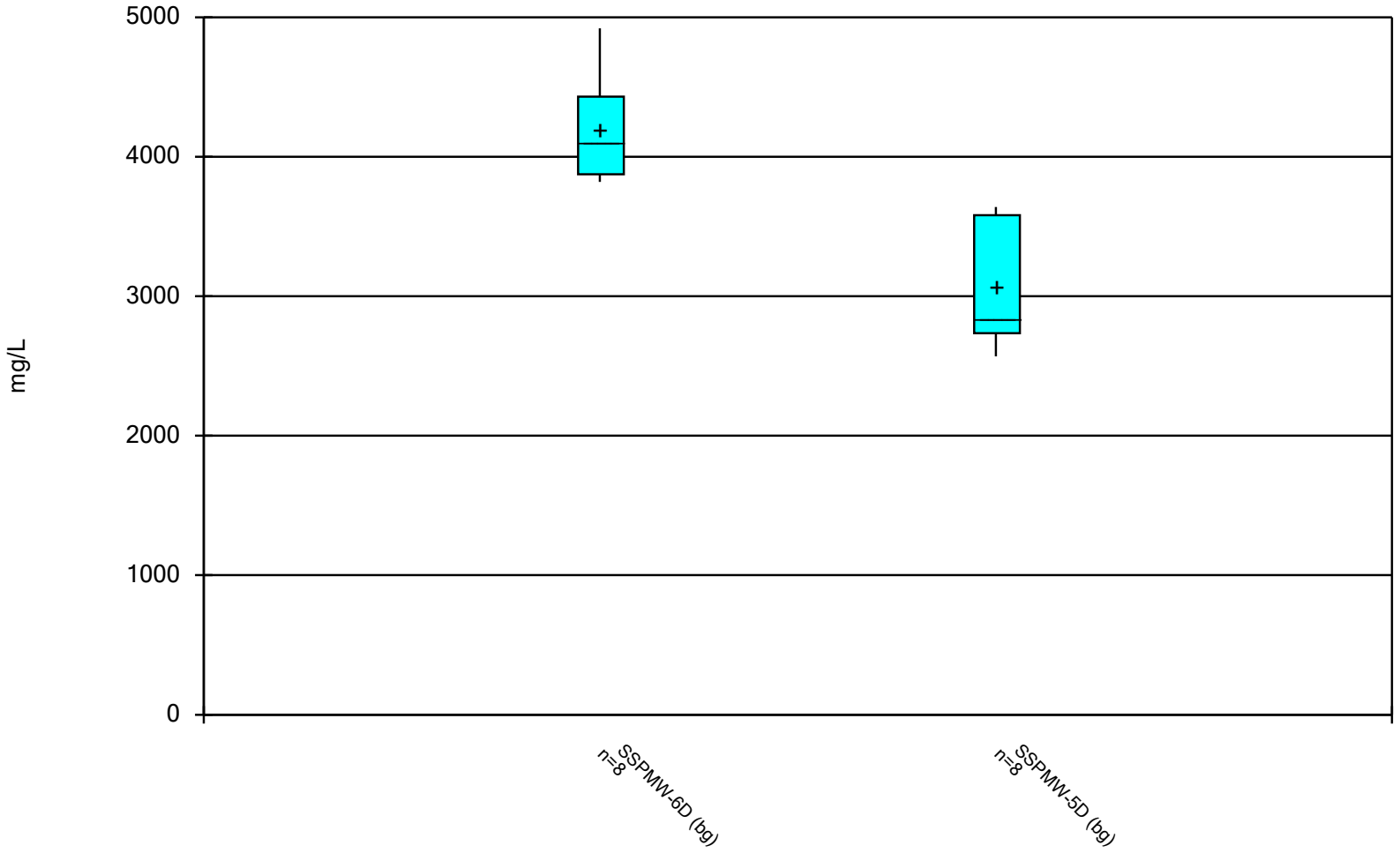


Constituent: Sulfate Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot

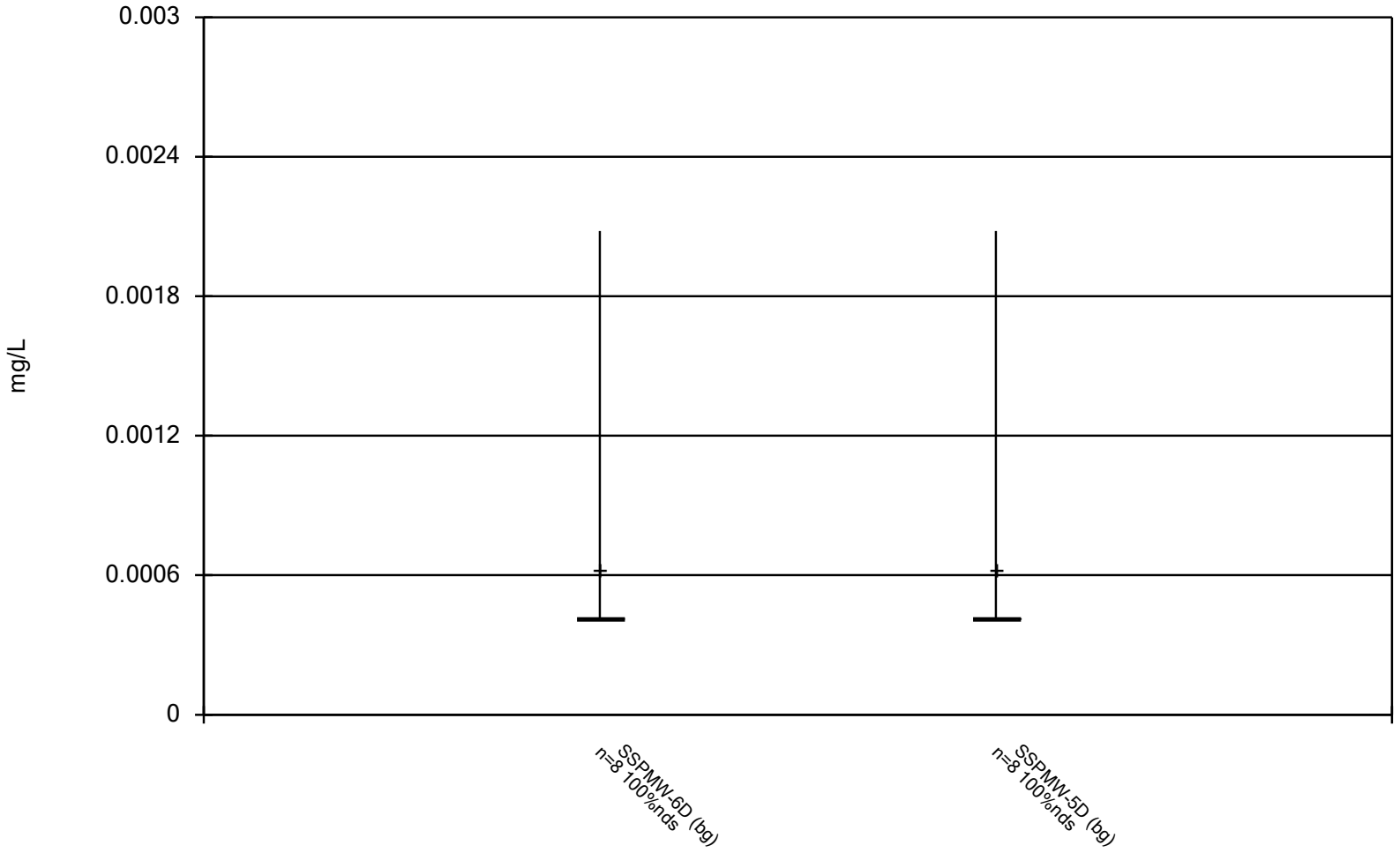


Constituent: TDS Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Sanitas™ v.10.1.06 Software licensed to HDR, Inc. EPA

Box & Whiskers Plot



Constituent: Thallium Analysis Run 5/16/2026 12:16 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Box & Whiskers Plot

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:16 PM

Constituent	Well	N	Mean	Std. Dev.	Std. Err.	Median	Min.	Max.	%NDs
Antimony (mg/L)	SSPMW-6D (bg)	8	0.0015	0.001389	0.000491	0.00075	0.00075	0.00375	100
Antimony (mg/L)	SSPMW-5D (bg)	8	0.001125	0.001061	0.000375	0.00075	0.00075	0.00375	100
Arsenic (mg/L)	SSPMW-6D (bg)	8	0.001504	0.001237	0.0004372	0.000752	0.00069	0.00345	75
Arsenic (mg/L)	SSPMW-5D (bg)	8	0.001158	0.0009458	0.0003344	0.000...	0.00069	0.00345	62.5
Barium (mg/L)	SSPMW-6D (bg)	8	0.03634	0.006742	0.002384	0.03535	0.0295	0.0448	0
Barium (mg/L)	SSPMW-5D (bg)	8	0.04484	0.003122	0.001104	0.04475	0.04	0.0489	0
Beryllium (mg/L)	SSPMW-6D (bg)	8	0.0005432	0.0005041	0.0001782	0.000271	0.000271	0.00136	100
Beryllium (mg/L)	SSPMW-5D (bg)	8	0.0004071	0.000385	0.0001361	0.000271	0.000271	0.00136	100
Boron (mg/L)	SSPMW-6D (bg)	8	0.5104	0.02745	0.009706	0.5145	0.461	0.545	0
Boron (mg/L)	SSPMW-5D (bg)	8	0.533	0.06989	0.02471	0.531	0.412	0.635	0
Cadmium (mg/L)	SSPMW-6D (bg)	8	0.00048	0.0004444	0.0001571	0.00024	0.00024	0.0012	100
Cadmium (mg/L)	SSPMW-5D (bg)	8	0.00036	0.0003394	0.00012	0.00024	0.00024	0.0012	100
Calcium (mg/L)	SSPMW-6D (bg)	8	403.1	43.7	15.45	393.5	347	462	0
Calcium (mg/L)	SSPMW-5D (bg)	8	220.3	26.94	9.526	220.5	186	271	0
Chloride (mg/L)	SSPMW-6D (bg)	8	1459	123.2	43.57	1435	1260	1650	0
Chloride (mg/L)	SSPMW-5D (bg)	8	1350	77.46	27.39	1335	1260	1490	0
Chromium (mg/L)	SSPMW-6D (bg)	8	0.001152	0.001019	0.0003604	0.000...	0.00056	0.0028	62.5
Chromium (mg/L)	SSPMW-5D (bg)	8	0.0009952	0.0007623	0.0002695	0.000...	0.00056	0.0028	62.5
Cobalt (mg/L)	SSPMW-6D (bg)	8	0.0007113	0.0006596	0.0002332	0.000355	0.000355	0.00178	100
Cobalt (mg/L)	SSPMW-5D (bg)	8	0.0006089	0.0004842	0.0001712	0.00043	0.000355	0.00178	62.5
Fluoride (mg/L)	SSPMW-6D (bg)	8	0.2528	0.2067	0.0731	0.1075	0.1	0.507	75
Fluoride (mg/L)	SSPMW-5D (bg)	8	0.2611	0.2104	0.07439	0.1235	0.1	0.542	75
Lead (mg/L)	SSPMW-6D (bg)	8	0.0005511	0.0005208	0.0001841	0.000367	0.000367	0.00184	100
Lead (mg/L)	SSPMW-5D (bg)	8	0.0007485	0.0005673	0.0002006	0.000...	0.000367	0.00184	62.5
Lithium (mg/L)	SSPMW-6D (bg)	8	0.3049	0.1051	0.03717	0.3045	0.133	0.459	0
Lithium (mg/L)	SSPMW-5D (bg)	8	0.3364	0.1017	0.03596	0.304	0.182	0.509	0
Mercury (mg/L)	SSPMW-6D (bg)	8	0.0000706	0	0	0.000...	0.000...	0.000...	100
Mercury (mg/L)	SSPMW-5D (bg)	8	0.0000706	0	0	0.000...	0.000...	0.000...	100
Molybdenum (mg/L)	SSPMW-6D (bg)	8	0.0005112	0.0004745	0.0001678	0.000255	0.000255	0.00128	100
Molybdenum (mg/L)	SSPMW-5D (bg)	8	0.0005766	0.0003134	0.0001108	0.000462	0.000323	0.00126	12.5
pH (S.U.)	SSPMW-6D (bg)	8	6.388	0.09453	0.03342	6.375	6.28	6.59	0
pH (S.U.)	SSPMW-5D (bg)	8	6.826	0.05344	0.01889	6.82	6.77	6.93	0
Radium 226 + 228 (pCi/L)	SSPMW-6D (bg)	8	3.625	0.6122	0.2164	3.66	2.74	4.41	0
Radium 226 + 228 (pCi/L)	SSPMW-5D (bg)	7	2.627	0.7458	0.2819	2.73	1.44	3.56	0
Selenium (mg/L)	SSPMW-6D (bg)	8	0.00118	0.001092	0.0003862	0.00059	0.00059	0.00295	100
Selenium (mg/L)	SSPMW-5D (bg)	7	0.00065	0.0001587	0.00006	0.00059	0.00059	0.00101	85.71
Sulfate (mg/L)	SSPMW-6D (bg)	8	1116	104.2	36.84	1115	921	1250	0
Sulfate (mg/L)	SSPMW-5D (bg)	8	226.8	7.611	2.691	225.5	216	237	0
TDS (mg/L)	SSPMW-6D (bg)	8	4194	405.8	143.5	4100	3820	4920	0
TDS (mg/L)	SSPMW-5D (bg)	8	3064	454.3	160.6	2835	2570	3640	0
Thallium (mg/L)	SSPMW-6D (bg)	8	0.0006231	0.0005887	0.0002081	0.000415	0.000415	0.00208	100
Thallium (mg/L)	SSPMW-5D (bg)	8	0.0006231	0.0005887	0.0002081	0.000415	0.000415	0.00208	100

Appendix F

Statistical Analysis – Outliers & Trend Tests

SFL CCR Unit - Shallow

Flagged Outliers

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 11:51 AM

	SFLMW-6 Antimony (mg/L)	SFLMW-6 Barium (mg/L)	SFLMW-6 Beryllium (mg/L)	SFLMW-6 Boron (mg/L)	SFLMW-6 Calcium (mg/L)	SFLMW-1S[R]-Cont Calcium (mg/L)	SFLMW-6 Chromium (mg/L)	SFLMW-6 Fluoride (mg/L)	SFLMW-6 Lead (mg/L)	SFLMW-1S[R]-Cont Lithium (mg/L)
6/23/2016		0.3 (o)	0.028 (o)						0.06 (o)	
8/25/2016										
3/20/2018		<0.2 (o)								
6/8/2018				<1 (o)						
1/16/2019				<2 (o)				8.72 (o)		
12/17/2019										
6/26/2023					363 (o)					
8/29/2024	<0.00375 (o)									
12/11/2024	<0.0075 (o)						0.0509 (o)			
5/21/2025										
7/21/2025										3.3 (o)
11/13/2025								<10 (o)		
2/19/2026						1240 (o)				
3/30/2026										

	SFLMW-6 Mercury (mg/L)	SFLMW-6 Radium 226 + 228 (pCi/L)	SFLMW-1S[R]-Cont Selenium (mg/L)	SFLMW-6 Thallium (mg/L)
6/23/2016				
8/25/2016		28.8 (o)	0.002 (o)	
3/20/2018				
6/8/2018				
1/16/2019				
12/17/2019		28.3 (o)		
6/26/2023	0.00158 (o)			
8/29/2024				
12/11/2024				
5/21/2025			0.0975 (o)	
7/21/2025				
11/13/2025				
2/19/2026				
3/30/2026			0.156 (o)	

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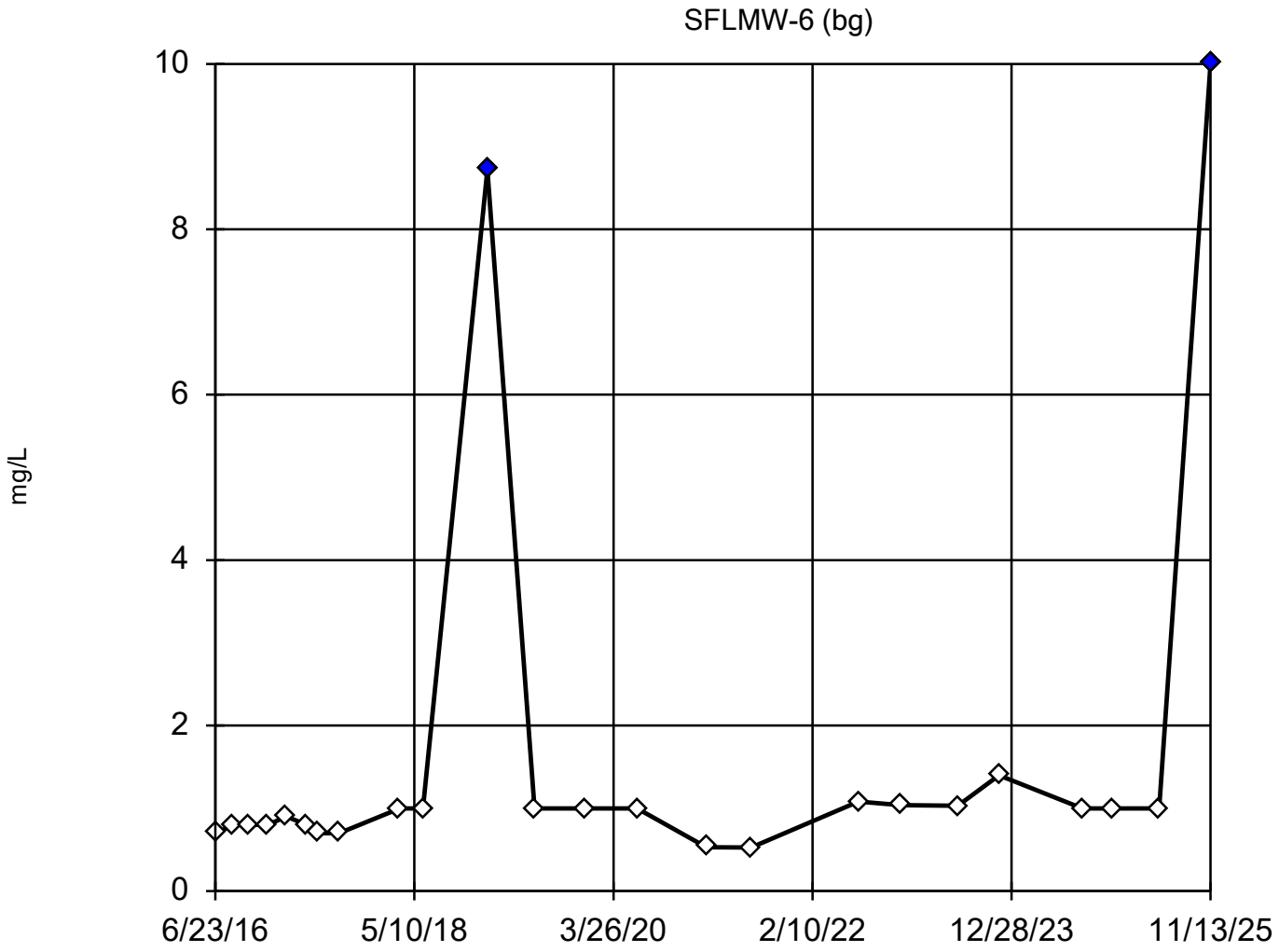
Tukey's Outlier Screening



n = 24

Outliers are drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

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

High cutoff = 2.072, low cutoff = 0.3918, based on IQR multiplier of 3.

Constituent: Fluoride Analysis Run 5/16/2026 11:48 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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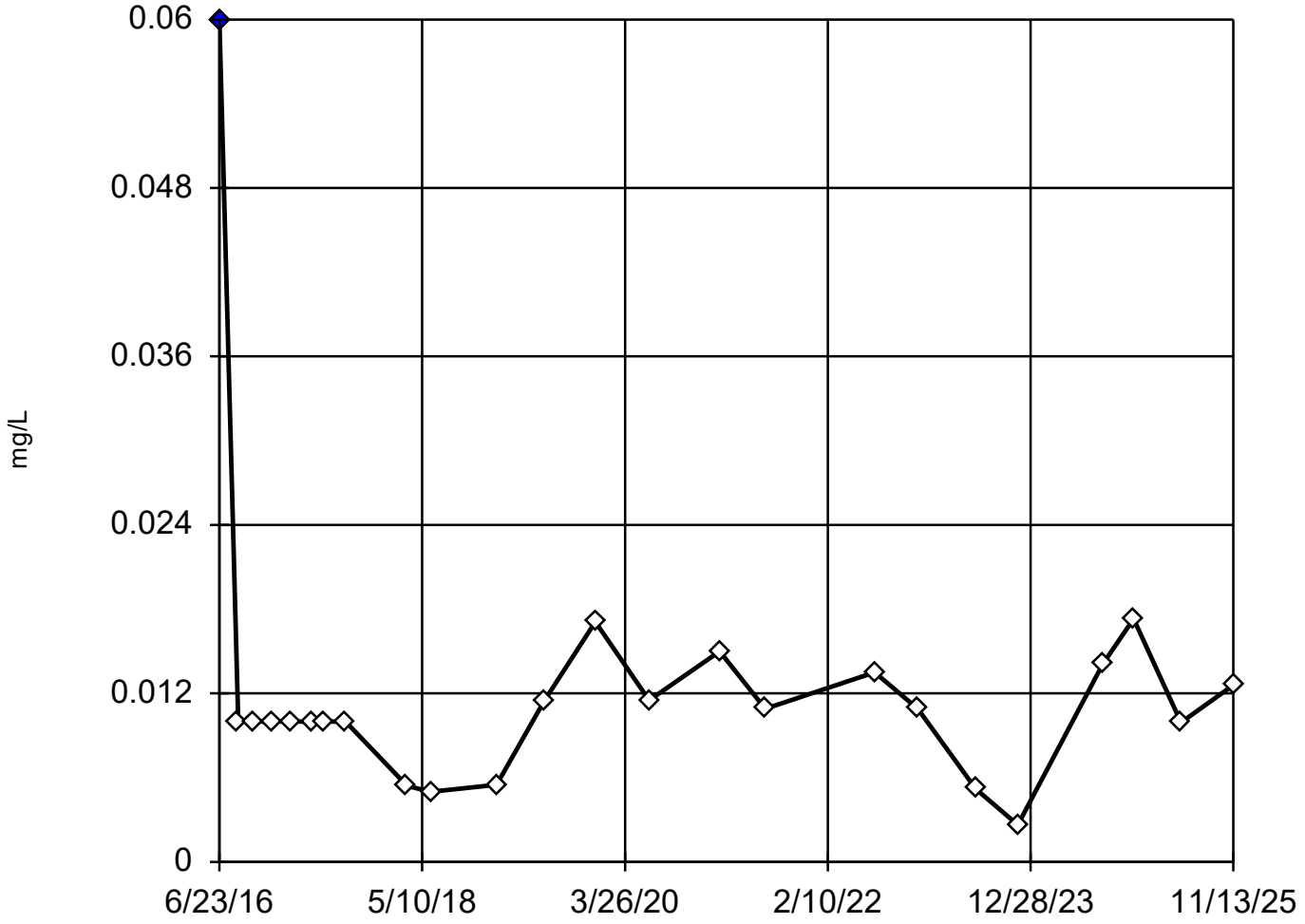
Rosner's Outlier Test

SFLMW-6 (bg)



n = 24

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.

k = 2
r = 4.413
Tabulated value = 2.824
Alpha = 0.01

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9349
Critical = 0.914
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Lead Analysis Run 5/16/2026 11:49 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Outlier Analysis

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 11:50 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.003655	0.002354	unknown	ShapiroWilk
Antimony (mg/L)	SFLMW-1S[R]-Cont (bg	n/a	n/a	n/a	NP (nrm)	NaN	8	0.0007563	0.00001768	unknown	ShapiroWilk
Arsenic (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.01915	0.01094	unknown	ShapiroWilk
Arsenic (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.01293	0.003802	normal	ShapiroWilk
Barium (mg/L)	**SFLMW-6 (bg)**	**Yes**	**0.3**	**6/23/2016**	**Dixon`s**	**0.05**	**21**	**0.06055**	**0.05802**	**ln(x)**	**ShapiroWilk**
Barium (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.02664	0.005	normal	ShapiroWilk
Beryllium (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	EPA 1989	0.05	24	0.05898	0.01946	ln(x)	ShapiroWilk
Beryllium (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.06173	0.01707	normal	ShapiroWilk
Boron (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	EPA 1989	0.05	22	0.4088	0.1738	ln(x)	ShapiroWilk
Boron (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.2843	0.04897	normal	ShapiroWilk
Cadmium (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	Rosner`s	0.01	24	0.00892	0.002936	normal	ShapiroWilk
Cadmium (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.02871	0.009999	normal	ShapiroWilk
Calcium (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	NP (nrm)	NaN	22	986.8	247.1	unknown	ShapiroWilk
Calcium (mg/L)	**SFLMW-1S[R]-Cont (bg**	**Yes**	**1240**	**2/19/2026**	**Dixon`s**	**0.05**	**8**	**903.6**	**146.5**	**normal**	**ShapiroWilk**
Chloride (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	NP (nrm)	NaN	22	4545	1780	unknown	ShapiroWilk
Chloride (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	2300	351.7	normal	ShapiroWilk
Chromium (mg/L)	**SFLMW-6 (bg)**	**Yes**	**0.0509**	**12/11/2024**	**Dixon`s**	**0.05**	**21**	**0.009883**	**0.009936**	**normal**	**ShapiroWilk**
Chromium (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.002052	0.001044	normal	ShapiroWilk
Cobalt (mg/L)	**SFLMW-6 (bg)**	**Yes**	**0.242,0.234,0.225**	**12/12/2022,11/15/2023,12/11/2024**	**NP (nrm)**	**NaN**	**24**	**0.1321**	**0.04245**	**unknown**	**ShapiroWilk**
Cobalt (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.2613	0.02424	normal	ShapiroWilk
Fluoride (mg/L)	**SFLMW-6 (bg)**	**Yes**	**8.72,10**	**1/16/2019,11/13/2025**	**NP (nrm)**	**NaN**	**24**	**1.605**	**2.403**	**unknown**	**ShapiroWilk**
Fluoride (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	1.494	0.7045	normal	ShapiroWilk
Lead (mg/L)	**SFLMW-6 (bg)**	**Yes**	**0.06**	**6/23/2016**	**Rosner`s**	**0.01**	**24**	**0.01242**	**0.01078**	**normal**	**ShapiroWilk**
Lead (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.005864	0.003691	ln(x)	ShapiroWilk
Lithium (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	Rosner`s	0.01	24	0.7473	0.2504	ln(x)	ShapiroWilk
Lithium (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.7161	1.063	ln(x)	ShapiroWilk
Mercury (mg/L)	SFLMW-6 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	24	0.0005068	0.0004571	unknown	ShapiroWilk
Mercury (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	NP (nrm)	NaN	8	0.0000706	0	unknown	ShapiroWilk
Molybdenum (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.02101	0.02342	unknown	ShapiroWilk
Molybdenum (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	NP (nrm)	NaN	8	0.000255	0	unknown	ShapiroWilk
pH (S.U.)	SFLMW-6 (bg)	No	n/a	n/a	Rosner`s	0.01	23	3.949	0.1935	normal	ShapiroWilk
pH (S.U.)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	4.23	0.6111	normal	ShapiroWilk
Radium 226 + 228 (pCi/L)	SFLMW-6 (bg)	No	n/a	n/a	Rosner`s	0.01	24	14.66	6.362	normal	ShapiroWilk
Radium 226 + 228 (pCi/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	Dixon`s	0.05	8	2.076	0.7779	normal	ShapiroWilk
Selenium (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	EPA 1989	0.05	21	0.03228	0.04639	ln(x)	ShapiroWilk
Selenium (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	NP (nrm)	NaN	8	0.03253	0.06022	unknown	ShapiroWilk
Sulfate (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	EPA 1989	0.05	22	2337	212	normal	ShapiroWilk
Sulfate (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	1910	271.2	normal	ShapiroWilk
TDS (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	EPA 1989	0.05	22	9949	2516	ln(x)	ShapiroWilk
TDS (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	6136	566.8	normal	ShapiroWilk
Thallium (mg/L)	SFLMW-6 (bg)	No	n/a	n/a	EPA 1989	0.05	24	0.003801	0.0009254	normal	ShapiroWilk
Thallium (mg/L)	SFLMW-1S[R]-Cont (bg	No	n/a	n/a	EPA 1989	0.05	8	0.007528	0.002401	normal	ShapiroWilk

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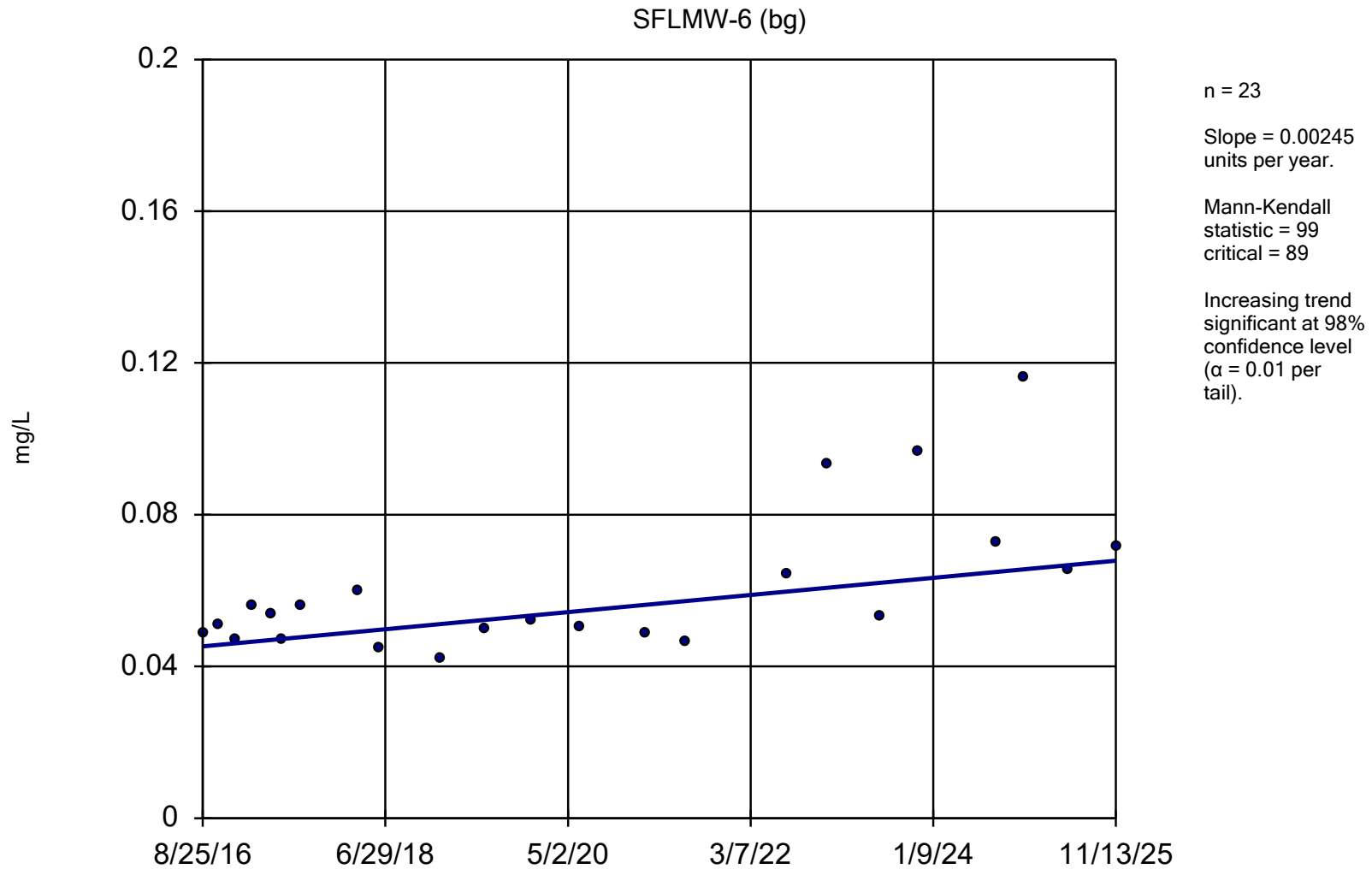
Sen's Slope Estimator



Constituent: Beryllium Analysis Run 5/16/2026 11:54 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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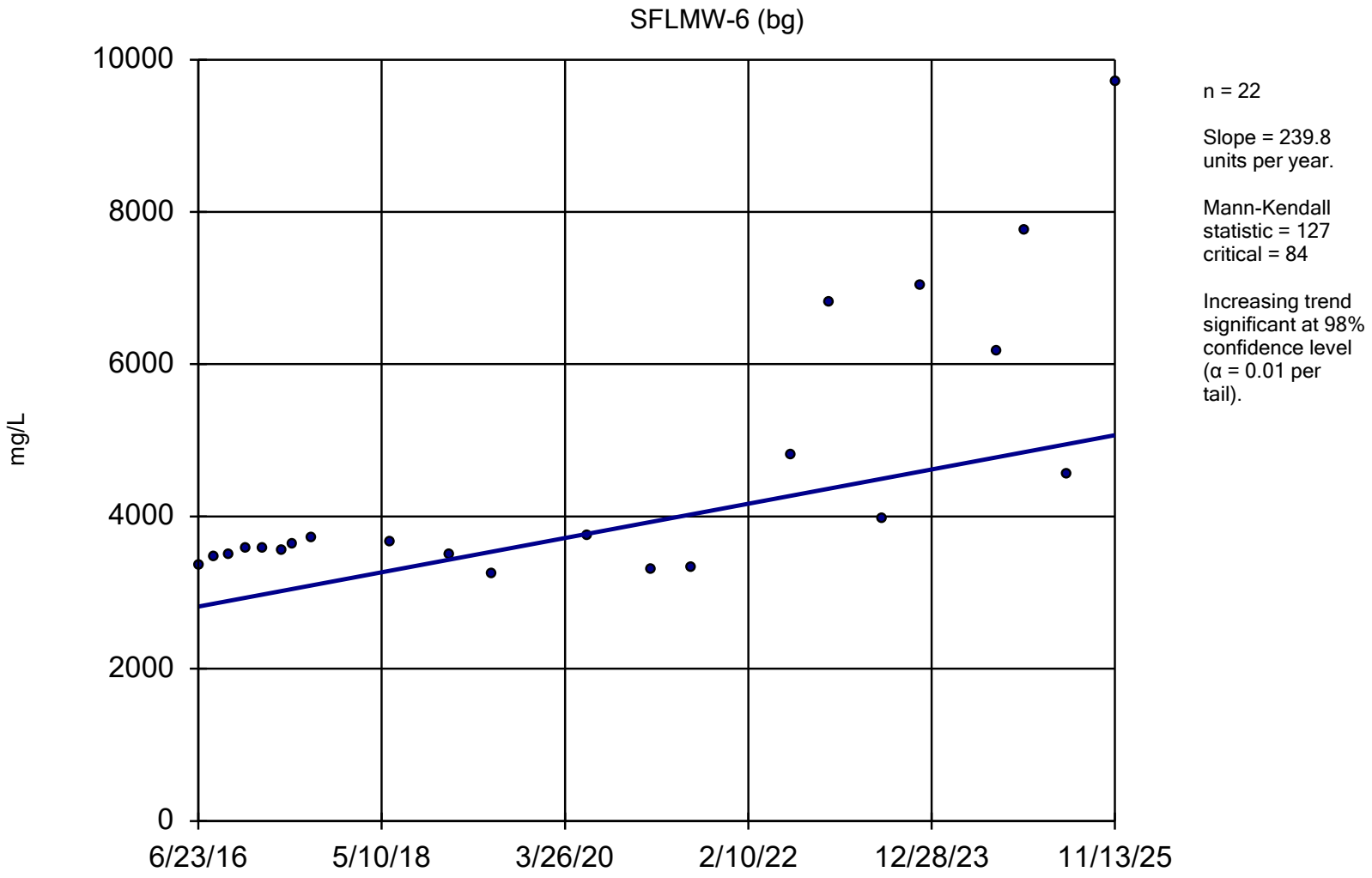
Sen's Slope Estimator



Constituent: Chloride Analysis Run 5/16/2026 11:54 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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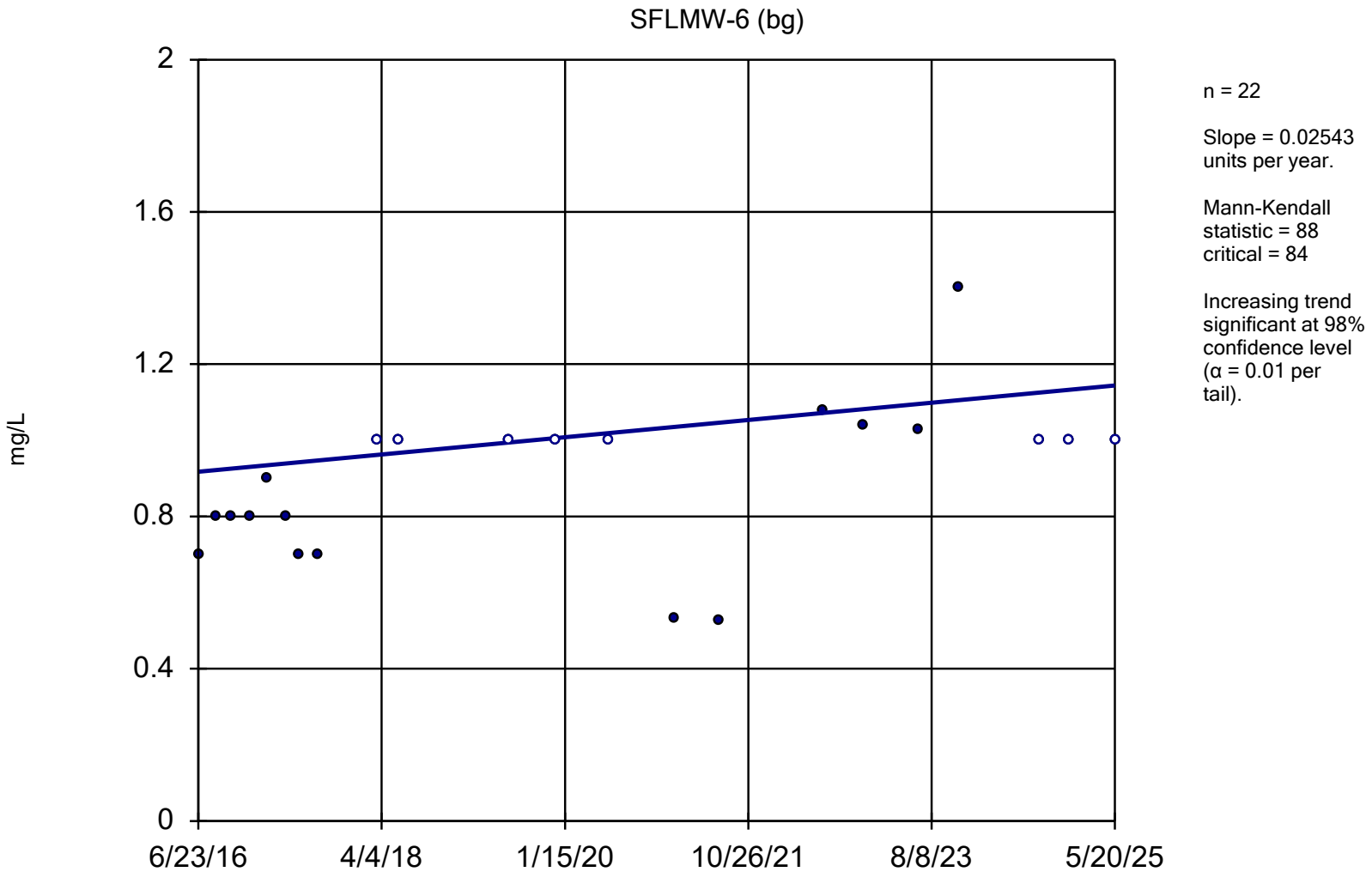
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Fluoride Analysis Run 5/16/2026 11:54 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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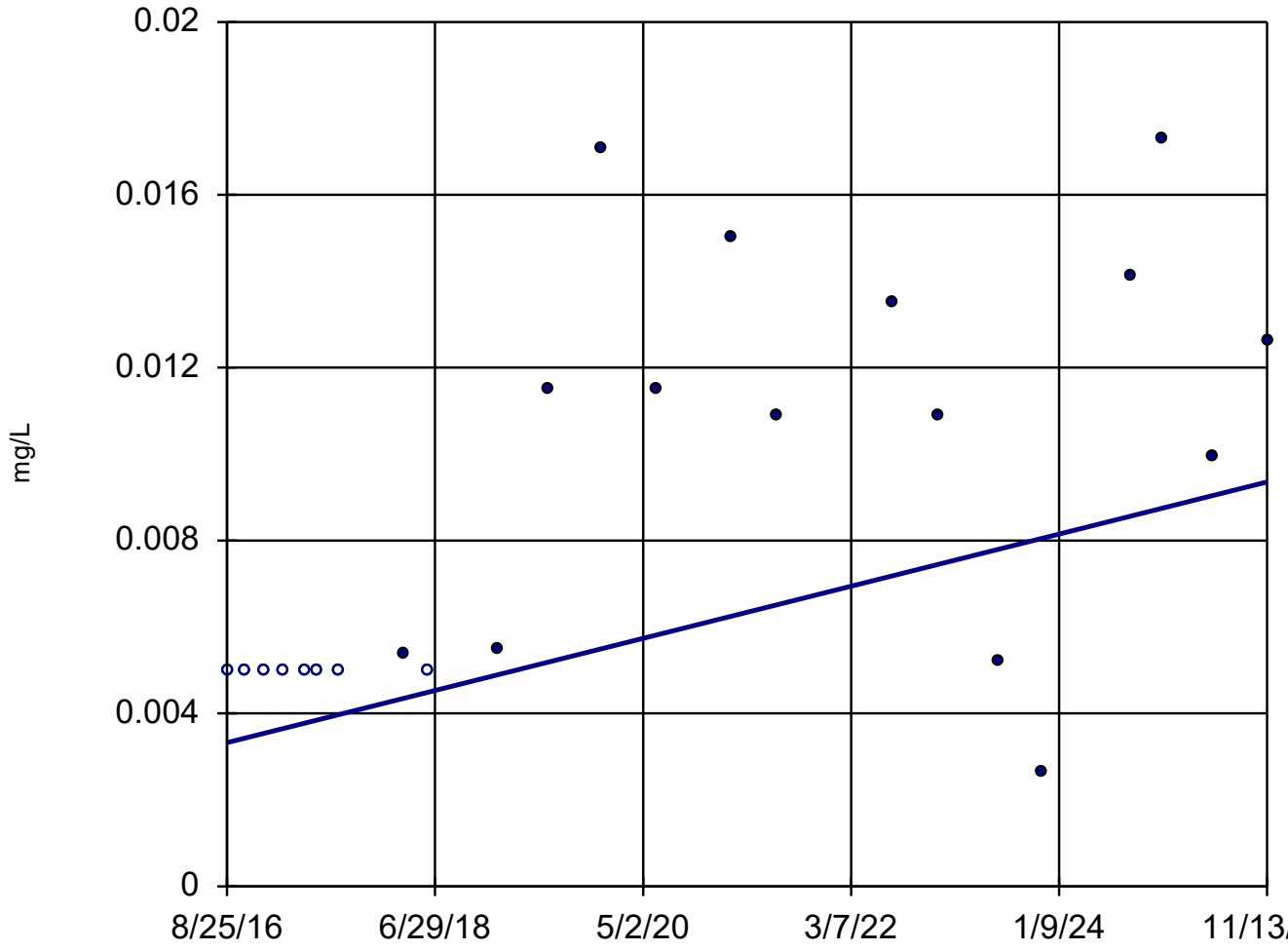
Hollow symbols indicate censored values.

Sen's Slope Estimator

SFLMW-6 (bg)



n = 23

Slope = 0.0006535 units per year.

Mann-Kendall statistic = 109
critical = 89

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Lead Analysis Run 5/16/2026 11:54 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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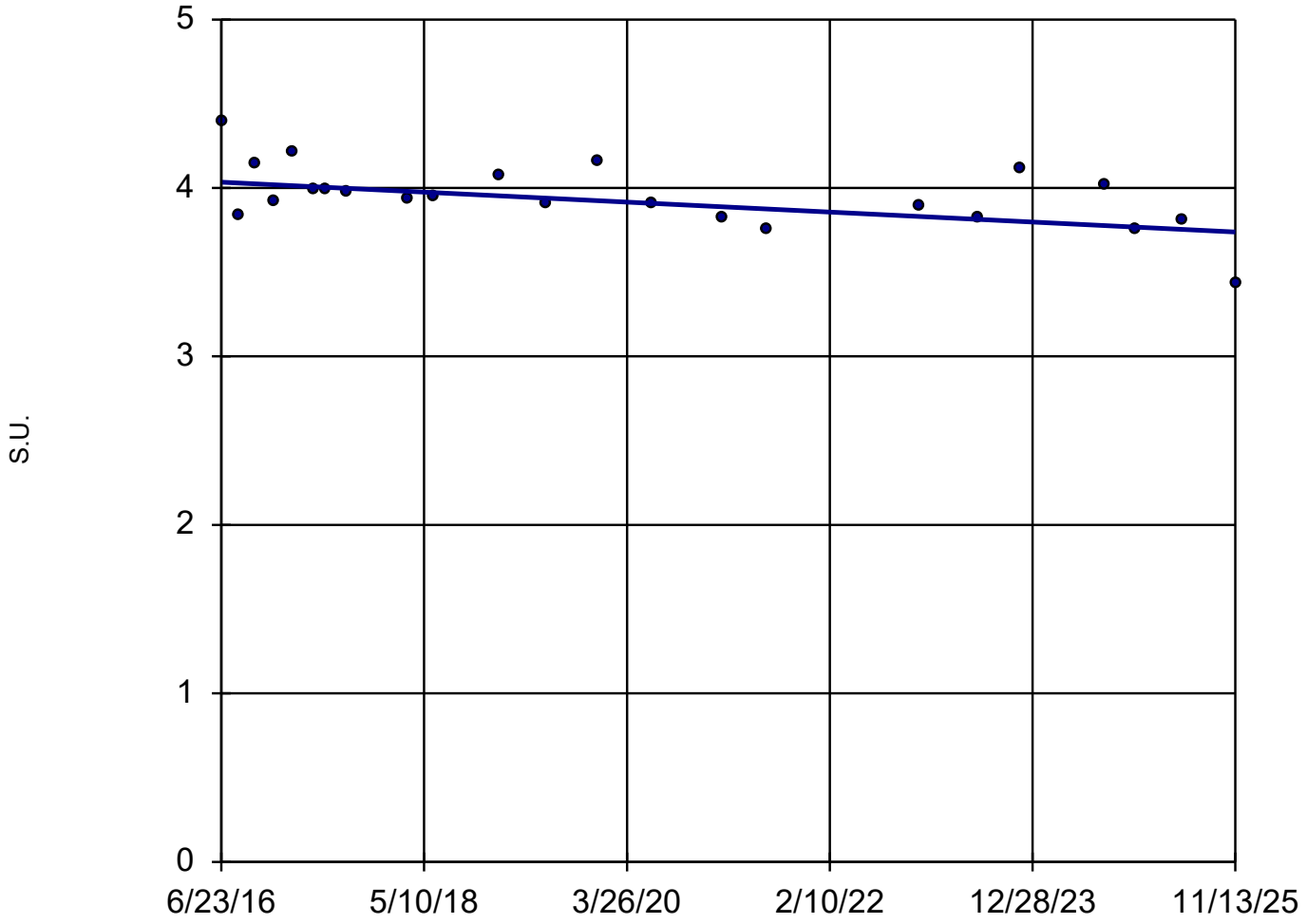
Sen's Slope Estimator

SFLMW-6 (bg)



n = 23

Slope = -0.03152 units per year.

Mann-Kendall statistic = -115
critical = -89

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: pH Analysis Run 5/16/2026 11:55 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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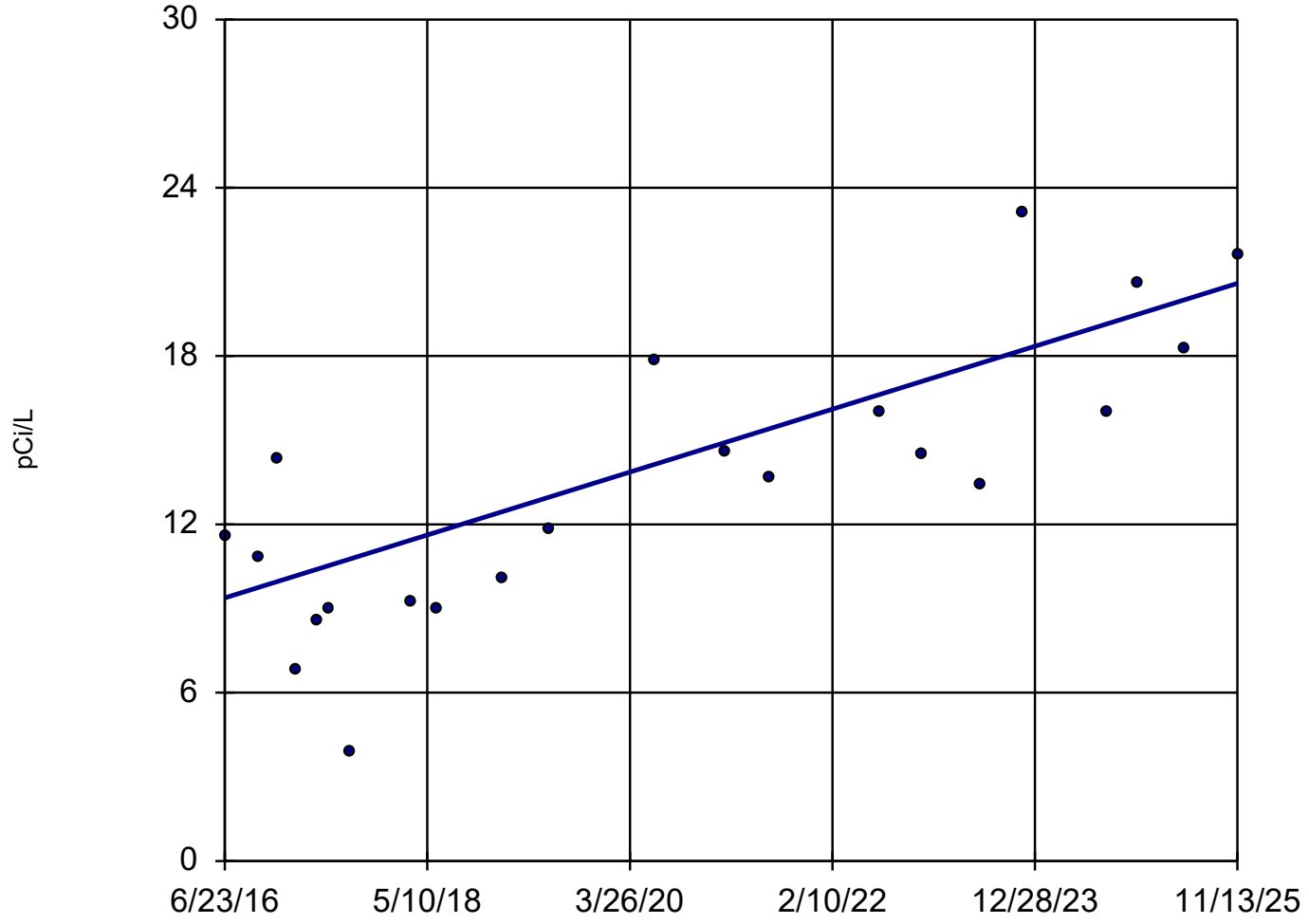
Sen's Slope Estimator

SFLMW-6 (bg)



n = 22

Slope = 1.193 units per year.

Mann-Kendall statistic = 136
critical = 84

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Radium 226 + 228 Analysis Run 5/16/2026 11:55 AM View: SFL - Shallow - 2026 - Backgrou

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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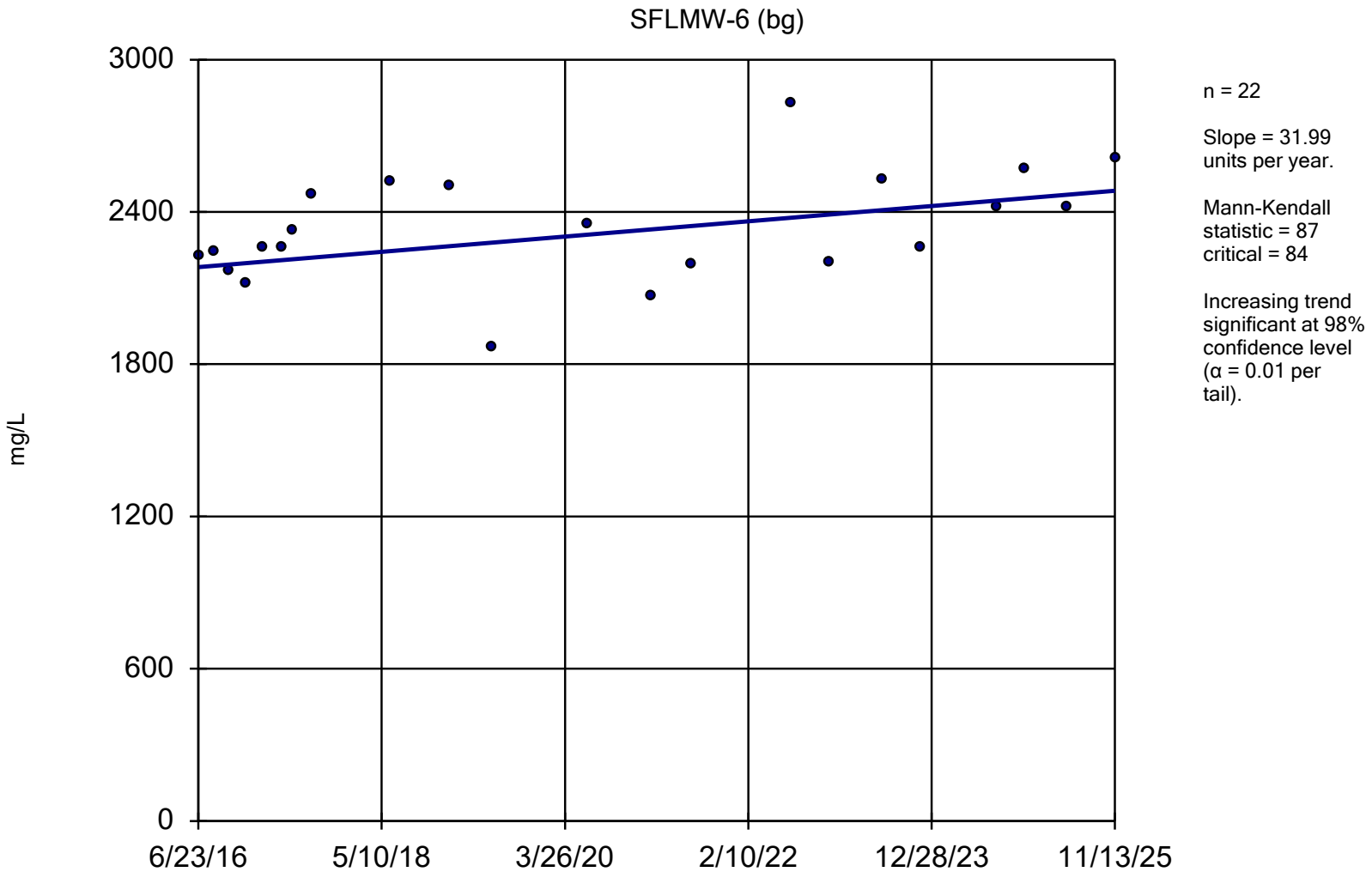
Sen's Slope Estimator



Constituent: Sulfate Analysis Run 5/16/2026 11:55 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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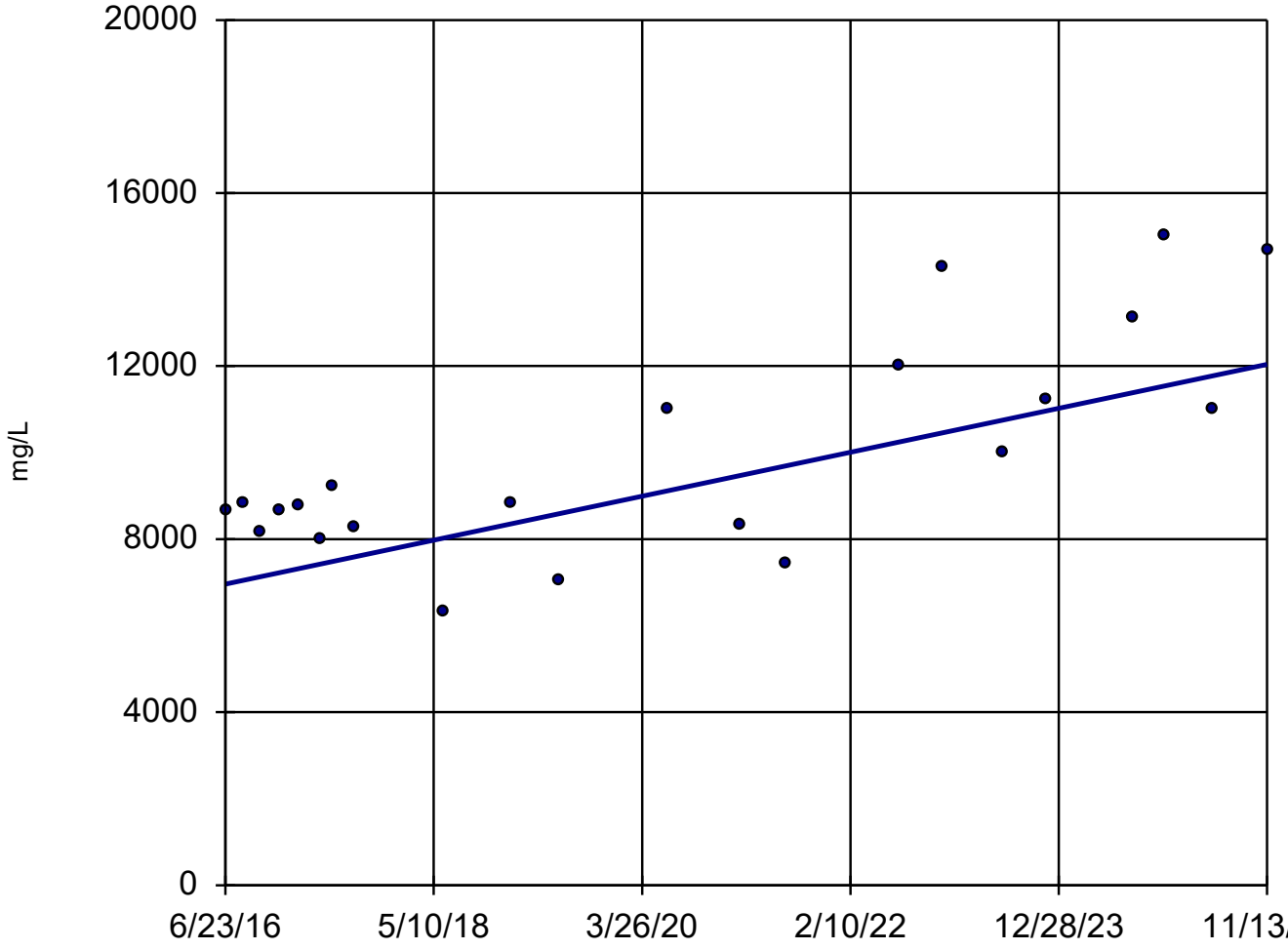
Sen's Slope Estimator

SFLMW-6 (bg)



n = 22

Slope = 540.4 units per year.

Mann-Kendall statistic = 103
critical = 84

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: TDS Analysis Run 5/16/2026 11:55 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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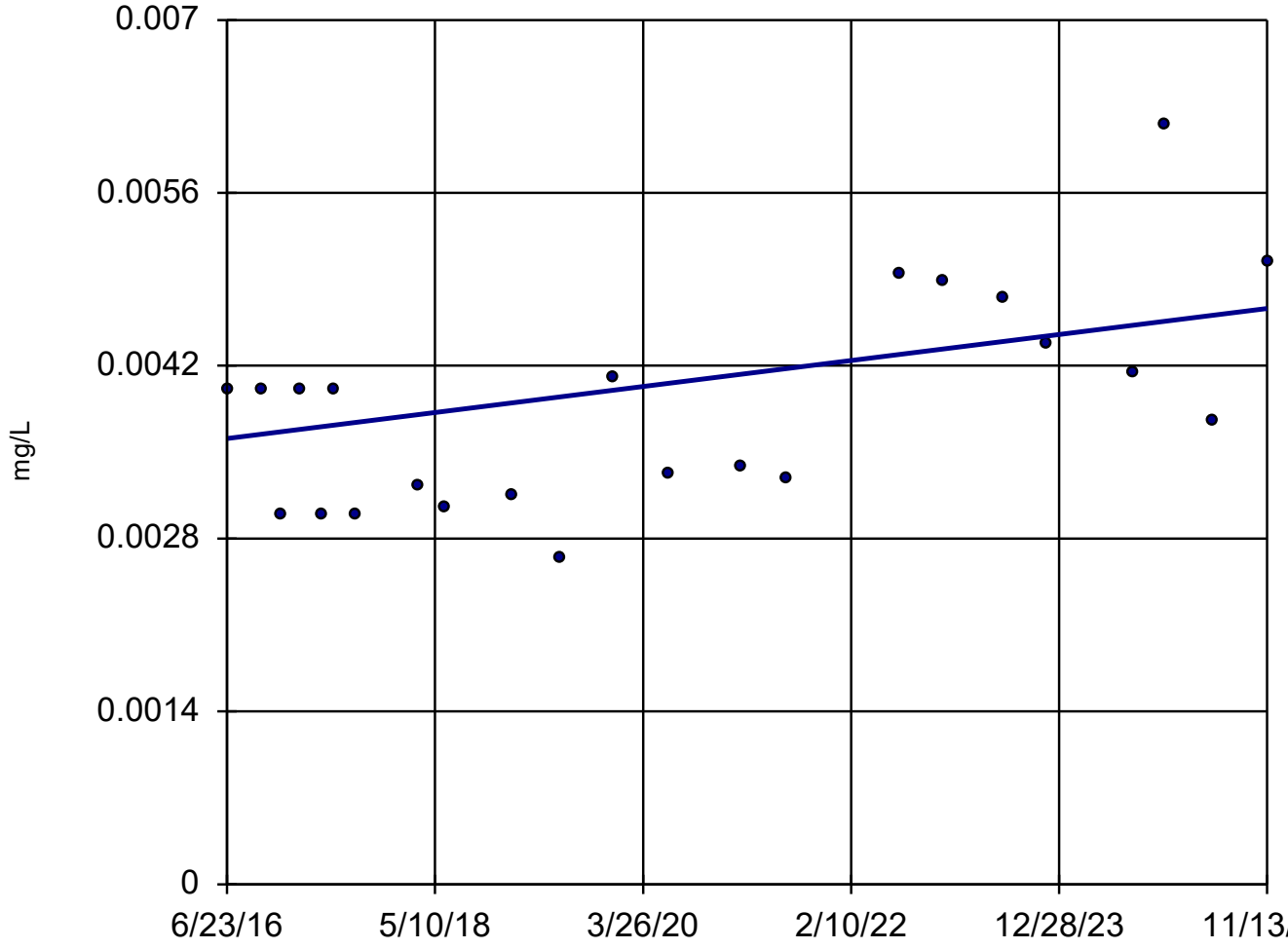
Sen's Slope Estimator

SFLMW-6 (bg)



n = 23

Slope = 0.0001121 units per year.

Mann-Kendall statistic = 100
critical = 89

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Thallium Analysis Run 5/16/2026 11:55 AM View: SFL - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Trend Test

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 11:55 AM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	SFLMW-6 (bg)	0	10	68	No	19	94.74	n/a	n/a	0.02	NP
Antimony (mg/L)	SFLMW-1S[R]-Cont (bg	0	-3	-20	No	8	87.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	SFLMW-6 (bg)	0.0005977	33	78	No	21	19.05	n/a	n/a	0.02	NP
Arsenic (mg/L)	SFLMW-1S[R]-Cont (bg	0.007302	12	20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	SFLMW-6 (bg)	-0.0002175	-18	-68	No	19	0	n/a	n/a	0.02	NP
Barium (mg/L)	SFLMW-1S[R]-Cont (bg	-0.006904	-10	-20	No	8	0	n/a	n/a	0.02	NP
Beryllium (mg/L)	**SFLMW-6 (bg)**	**0.00245**	**99**	**89**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/L)	SFLMW-1S[R]-Cont (bg	0.05041	16	20	No	8	0	n/a	n/a	0.02	NP
Boron (mg/L)	SFLMW-6 (bg)	0.002309	10	73	No	20	0	n/a	n/a	0.02	NP
Boron (mg/L)	SFLMW-1S[R]-Cont (bg	-0.05101	-10	-20	No	8	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	SFLMW-6 (bg)	-0.0004346	-92	-95	No	24	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	SFLMW-1S[R]-Cont (bg	-0.002705	-4	-20	No	8	0	n/a	n/a	0.02	NP
Calcium (mg/L)	SFLMW-6 (bg)	17.16	52	78	No	21	0	n/a	n/a	0.02	NP
Calcium (mg/L)	SFLMW-1S[R]-Cont (bg	-41.79	-3	-17	No	7	0	n/a	n/a	0.02	NP
Chloride (mg/L)	**SFLMW-6 (bg)**	**239.8**	**127**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/L)	SFLMW-1S[R]-Cont (bg	997.5	20	20	No	8	0	n/a	n/a	0.02	NP
Chromium (mg/L)	SFLMW-6 (bg)	0	14	73	No	20	35	n/a	n/a	0.02	NP
Chromium (mg/L)	SFLMW-1S[R]-Cont (bg	0.002756	14	20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SFLMW-6 (bg)	0.001364	40	95	No	24	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	SFLMW-1S[R]-Cont (bg	-0.0167	-4	-20	No	8	0	n/a	n/a	0.02	NP
Fluoride (mg/L)	**SFLMW-6 (bg)**	**0.02543**	**88**	**84**	**Yes**	**22**	**36.36**	**n/a**	**n/a**	**0.02**	**NP**
Fluoride (mg/L)	SFLMW-1S[R]-Cont (bg	-0.3714	-2	-20	No	8	0	n/a	n/a	0.02	NP
Lead (mg/L)	**SFLMW-6 (bg)**	**0.0006535**	**109**	**89**	**Yes**	**23**	**34.78**	**n/a**	**n/a**	**0.02**	**NP**
Lead (mg/L)	SFLMW-1S[R]-Cont (bg	0.01018	20	20	No	8	0	n/a	n/a	0.02	NP
Lithium (mg/L)	SFLMW-6 (bg)	-0.00151	-3	-95	No	24	0	n/a	n/a	0.02	NP
Lithium (mg/L)	SFLMW-1S[R]-Cont (bg	0.7113	7	17	No	7	0	n/a	n/a	0.02	NP
Mercury (mg/L)	SFLMW-6 (bg)	0	-42	-89	No	23	82.61	n/a	n/a	0.02	NP
Mercury (mg/L)	SFLMW-1S[R]-Cont (bg	0	0	20	No	8	100	n/a	n/a	0.02	NP
Molybdenum (mg/L)	SFLMW-6 (bg)	0	0	78	No	21	100	n/a	n/a	0.02	NP
Molybdenum (mg/L)	SFLMW-1S[R]-Cont (bg	0	0	20	No	8	100	n/a	n/a	0.02	NP
pH (S.U.)	**SFLMW-6 (bg)**	**-0.03152**	**-115**	**-89**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.02**	**NP**
pH (S.U.)	SFLMW-1S[R]-Cont (bg	-1.3	-13	-20	No	8	0	n/a	n/a	0.02	NP
Radium 226 + 228 (pCi/L)	**SFLMW-6 (bg)**	**1.193**	**136**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Radium 226 + 228 (pCi/L)	SFLMW-1S[R]-Cont (bg	1.316	8	20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	SFLMW-6 (bg)	0	31	78	No	21	57.14	n/a	n/a	0.02	NP
Selenium (mg/L)	SFLMW-1S[R]-Cont (bg	-0.0003907	-3	-13	No	6	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	**SFLMW-6 (bg)**	**31.99**	**87**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Sulfate (mg/L)	SFLMW-1S[R]-Cont (bg	735.8	18	20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	**SFLMW-6 (bg)**	**540.4**	**103**	**84**	**Yes**	**22**	**0**	**n/a**	**n/a**	**0.02**	**NP**
TDS (mg/L)	SFLMW-1S[R]-Cont (bg	-326.2	-2	-20	No	8	0	n/a	n/a	0.02	NP
Thallium (mg/L)	**SFLMW-6 (bg)**	**0.0001121**	**100**	**89**	**Yes**	**23**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Thallium (mg/L)	SFLMW-1S[R]-Cont (bg	0.005109	8	20	No	8	0	n/a	n/a	0.02	NP

SFL CCR Unit - Deeper

Flagged Outliers

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 11:58 AM

	MNW-18 Antimony (mg/L)	MNW-18 Arsenic (mg/L)	MNW-18 Barium (mg/L)	MNW-18 Beryllium (mg/L)	MNW-18 Boron (mg/L)	MNW-18 Cadmium (mg/L)	MNW-18 Calcium (mg/L)	MNW-18 Chloride (mg/L)	MNW-18 Cobalt (mg/L)	MNW-18 Fluoride (mg/L)
3/20/2018			<0.2 (o)							
6/8/2018					<1 (o)					
1/16/2019					<2 (o)					2.01 (o)
6/26/2019							104 (o)			
12/17/2019										
7/13/2021					0.0451 (Jo)		<0.5 (o)			
8/29/2024	<0.00375 (o)	<0.00345 (o)		<0.00136 (o)		<0.0012 (o)				<0.5 (Ho)
12/11/2024	<0.0075 (o)	<0.0069 (o)		<0.00271 (o)		<0.0024 (o)			<0.00355 (o)	<0.5 (o)
5/20/2025								2950 (o)		

	MNW-18 Lithium (mg/L)	MNW-18 Molybdenum (mg/L)	MNW-18 Sulfate (mg/L)	MNW-18 Thallium (mg/L)
3/20/2018				
6/8/2018				
1/16/2019				
6/26/2019	0.179 (o)			
12/17/2019	0.197 (o)			
7/13/2021	<0.005 (o)			
8/29/2024		<0.00128 (o)		
12/11/2024		<0.00255 (o)		<0.00415 (o)
5/20/2025			10900 (o)	

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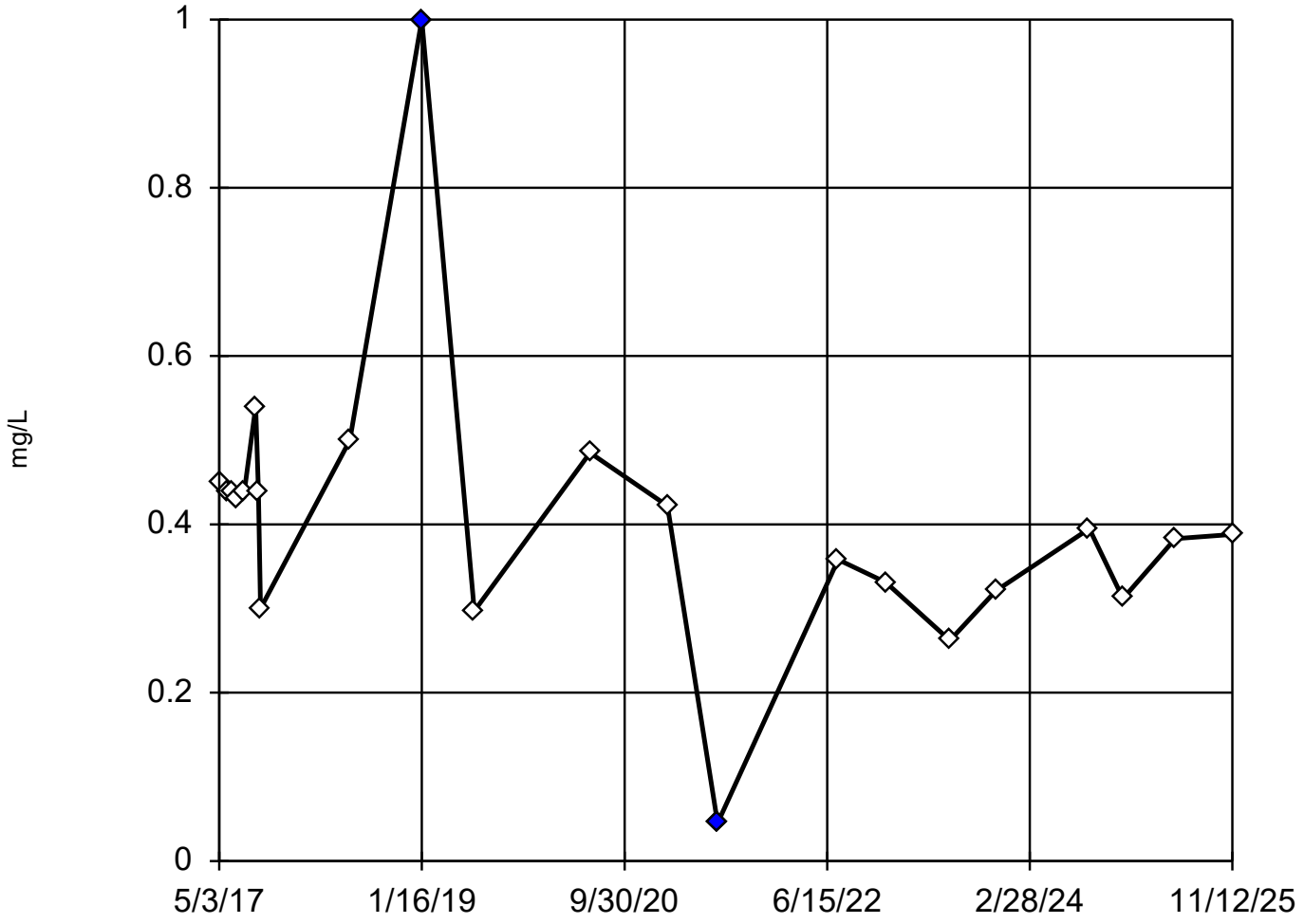
Dixon's Outlier Test

MNW-18 (bg)



n = 22

Statistical outliers are drawn as solid.
3 values manually flagged as outliers.
Testing for 1 high and 1 low outliers.
Mean = 0.4081.
Std. Dev. = 0.1679.
<2 (o): c = 0.7112
tabl = 0.43.
0.0451 (Jo): c = 0.5537
tabl = 0.43.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9652
Critical = 0.905
The distribution, after removal of suspect values, was found to be normally distributed.

Constituent: Boron Analysis Run 5/16/2026 11:57 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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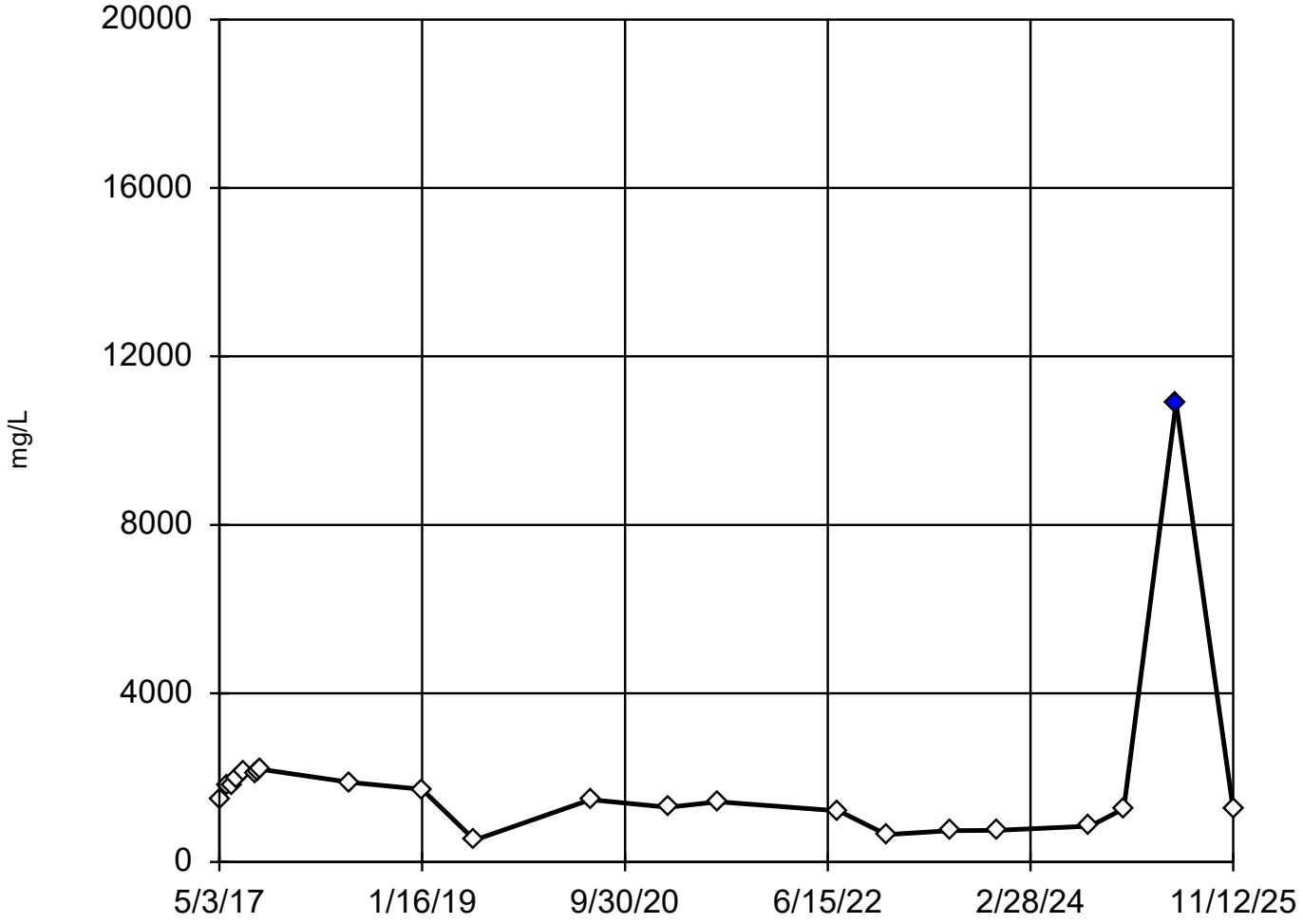
Dixon's Outlier Test

MNW-18 (bg)



n = 22

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 1887.
Std. Dev. = 2079.
10900 (o): c = 0.8613
tabl = 0.43.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.9391
Critical = 0.908
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: Sulfate Analysis Run 5/16/2026 11:57 AM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Outlier Analysis

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 11:57 AM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.003741	0.002262	unknown	ShapiroWilk
Arsenic (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.005244	0.004081	unknown	ShapiroWilk
Barium (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.03553	0.02652	unknown	ShapiroWilk
Beryllium (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	24	0.001859	0.001313	unknown	ShapiroWilk
Boron (mg/L)	**MNW-18 (bg)**	**Yes**	**1,0.0451**	**1/16/2019,7/13/2021**	**Dixon`s**	**0.05**	**22**	**0.4081**	**0.1679**	**normal**	**ShapiroWilk**
Cadmium (mg/L)	MNW-18 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	24	0.002572	0.002144	unknown	ShapiroWilk
Calcium (mg/L)	MNW-18 (bg)	No	n/a	n/a	Dixon`s	0.05	22	273.4	130	normal	ShapiroWilk
Chloride (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	22	529	557.5	unknown	ShapiroWilk
Chromium (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.005424	0.003941	unknown	ShapiroWilk
Cobalt (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	24	0.007718	0.008967	unknown	ShapiroWilk
Fluoride (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	24	0.3795	0.4501	unknown	ShapiroWilk
Lead (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	24	0.004351	0.004285	unknown	ShapiroWilk
Lithium (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	24	0.3216	0.1216	unknown	ShapiroWilk
Mercury (mg/L)	MNW-18 (bg)	n/a	n/a	n/a	NP (nrm)	NaN	24	0.0004364	0.0004097	unknown	ShapiroWilk
Molybdenum (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.02101	0.02342	unknown	ShapiroWilk
pH (S.U.)	MNW-18 (bg)	No	n/a	n/a	EPA 1989	0.05	23	6.897	0.2911	normal	ShapiroWilk
Radium 226 + 228 (pCi/L)	MNW-18 (bg)	No	n/a	n/a	EPA 1989	0.05	23	3.614	2.284	normal	ShapiroWilk
Selenium (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	21	0.006059	0.003872	unknown	ShapiroWilk
Sulfate (mg/L)	**MNW-18 (bg)**	**Yes**	**10900**	**5/20/2025**	**Dixon`s**	**0.05**	**22**	**1887**	**2079**	**normal**	**ShapiroWilk**
TDS (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	22	2924	954.9	unknown	ShapiroWilk
Thallium (mg/L)	MNW-18 (bg)	No	n/a	n/a	NP (nrm)	NaN	24	0.001472	0.0008625	unknown	ShapiroWilk

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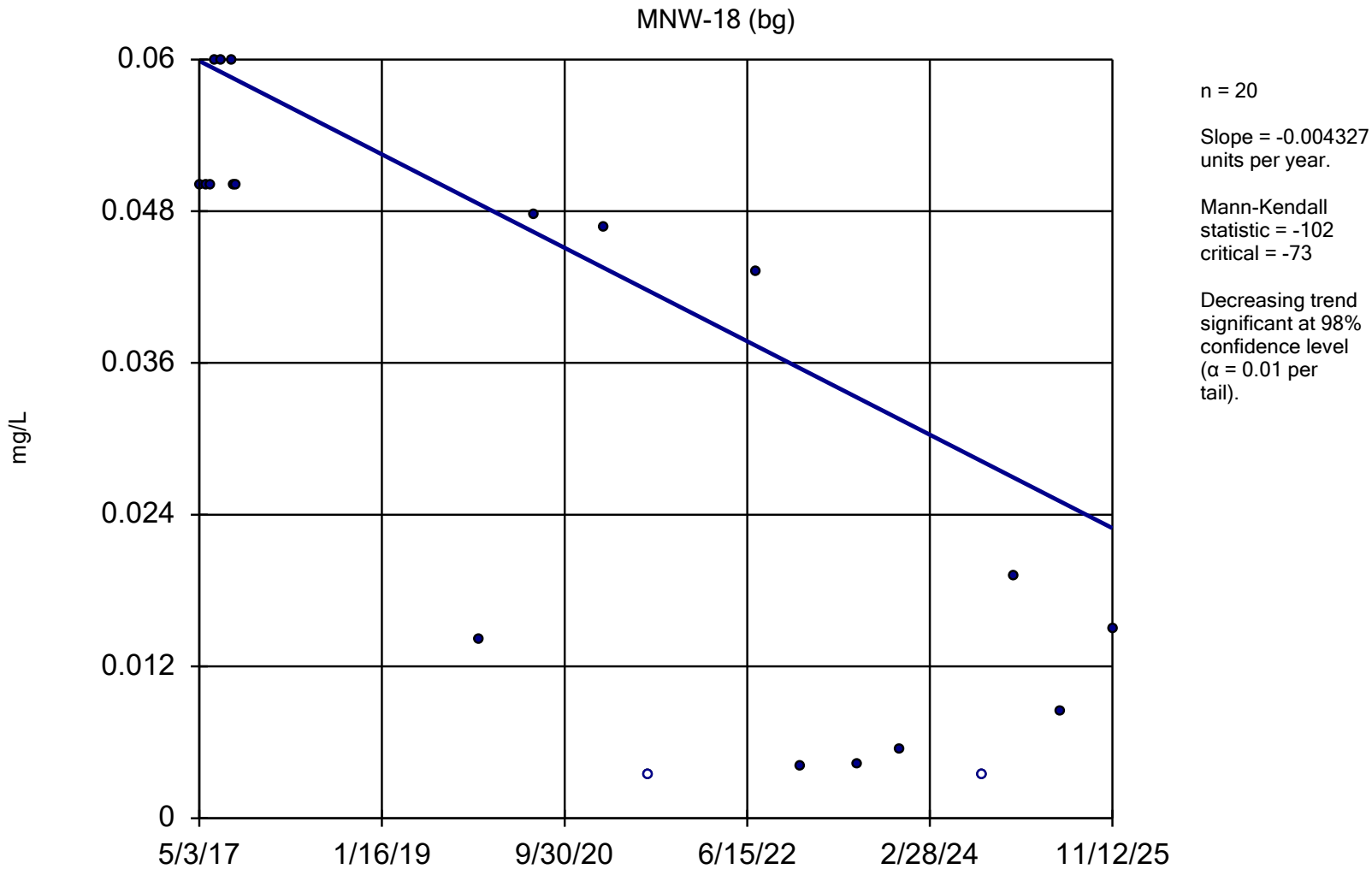
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Barium Analysis Run 5/16/2026 12:01 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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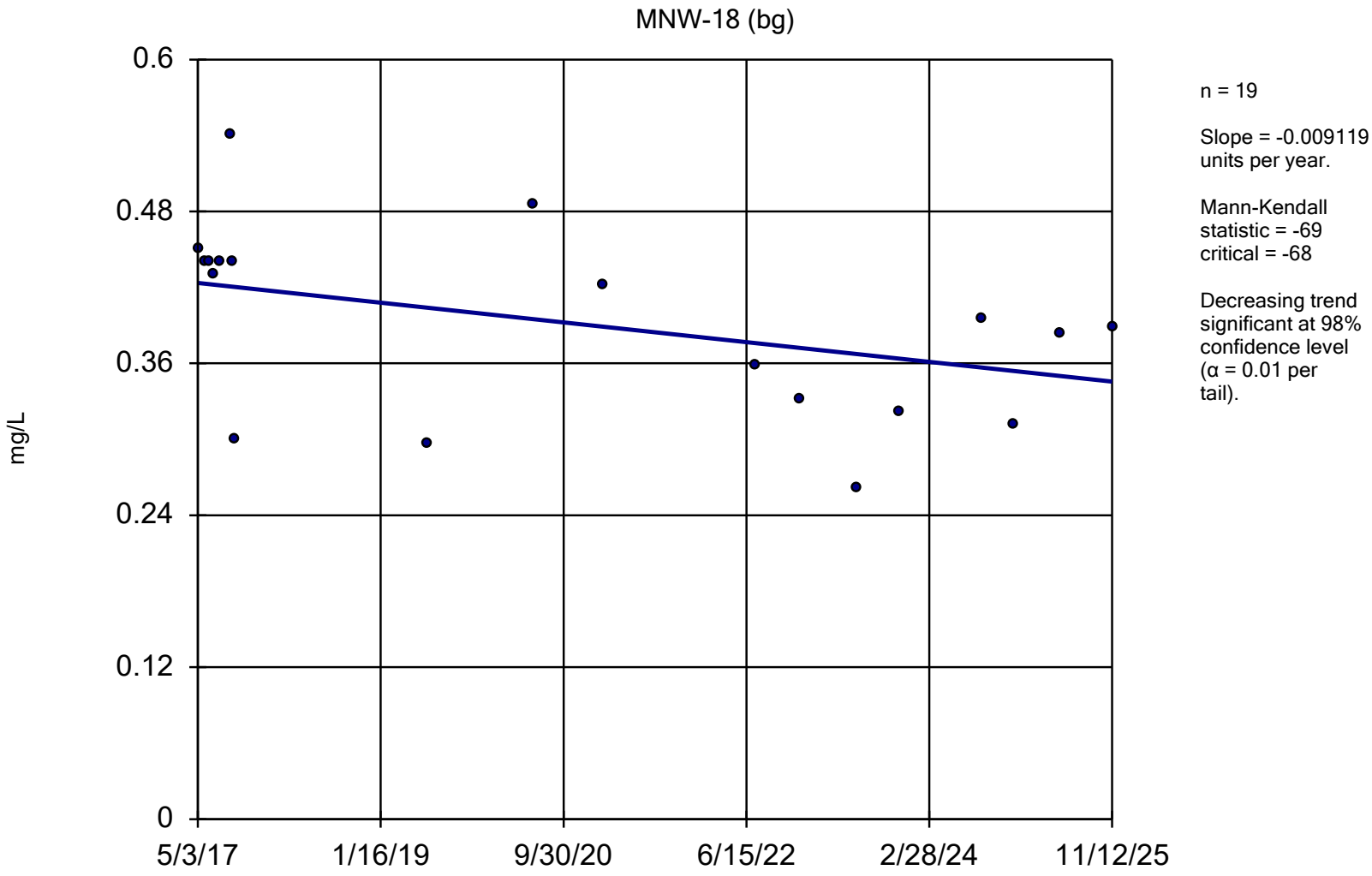
Sen's Slope Estimator



Constituent: Boron Analysis Run 5/16/2026 12:01 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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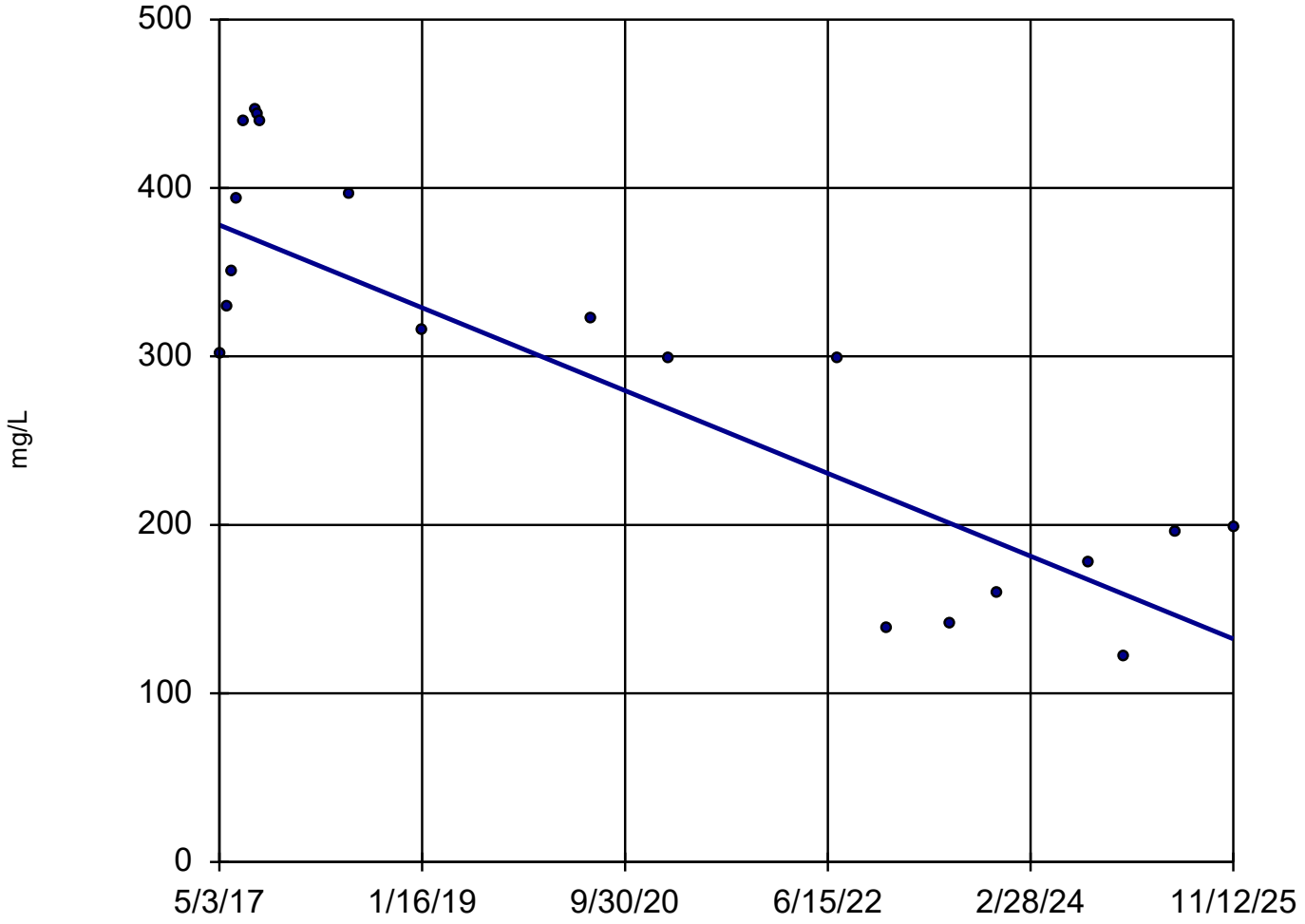
Sen's Slope Estimator

MNW-18 (bg)



n = 20

Slope = -28.77 units per year.

Mann-Kendall statistic = -93
critical = -73

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Calcium Analysis Run 5/16/2026 12:01 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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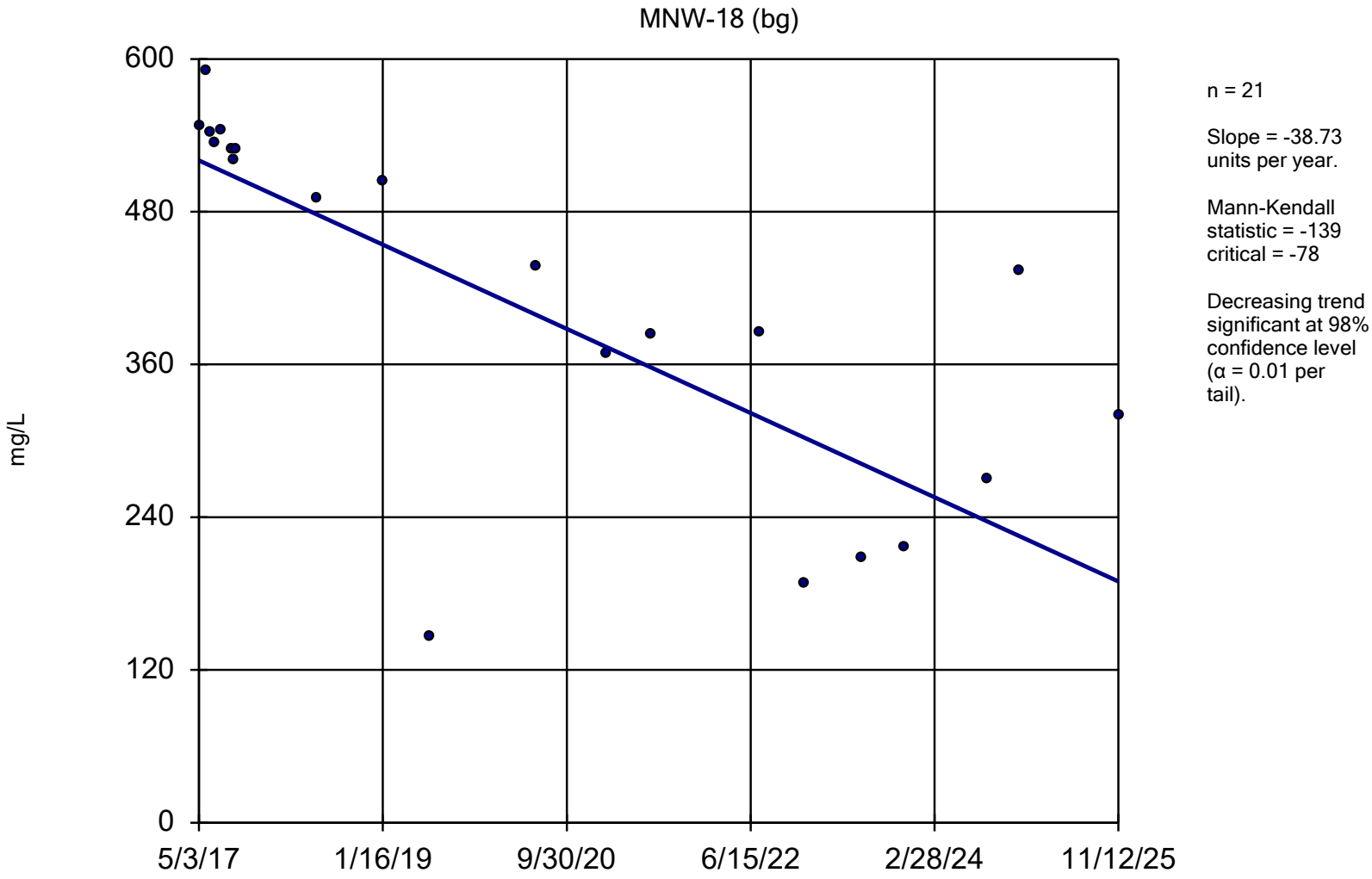
Sen's Slope Estimator



Constituent: Chloride Analysis Run 5/16/2026 12:02 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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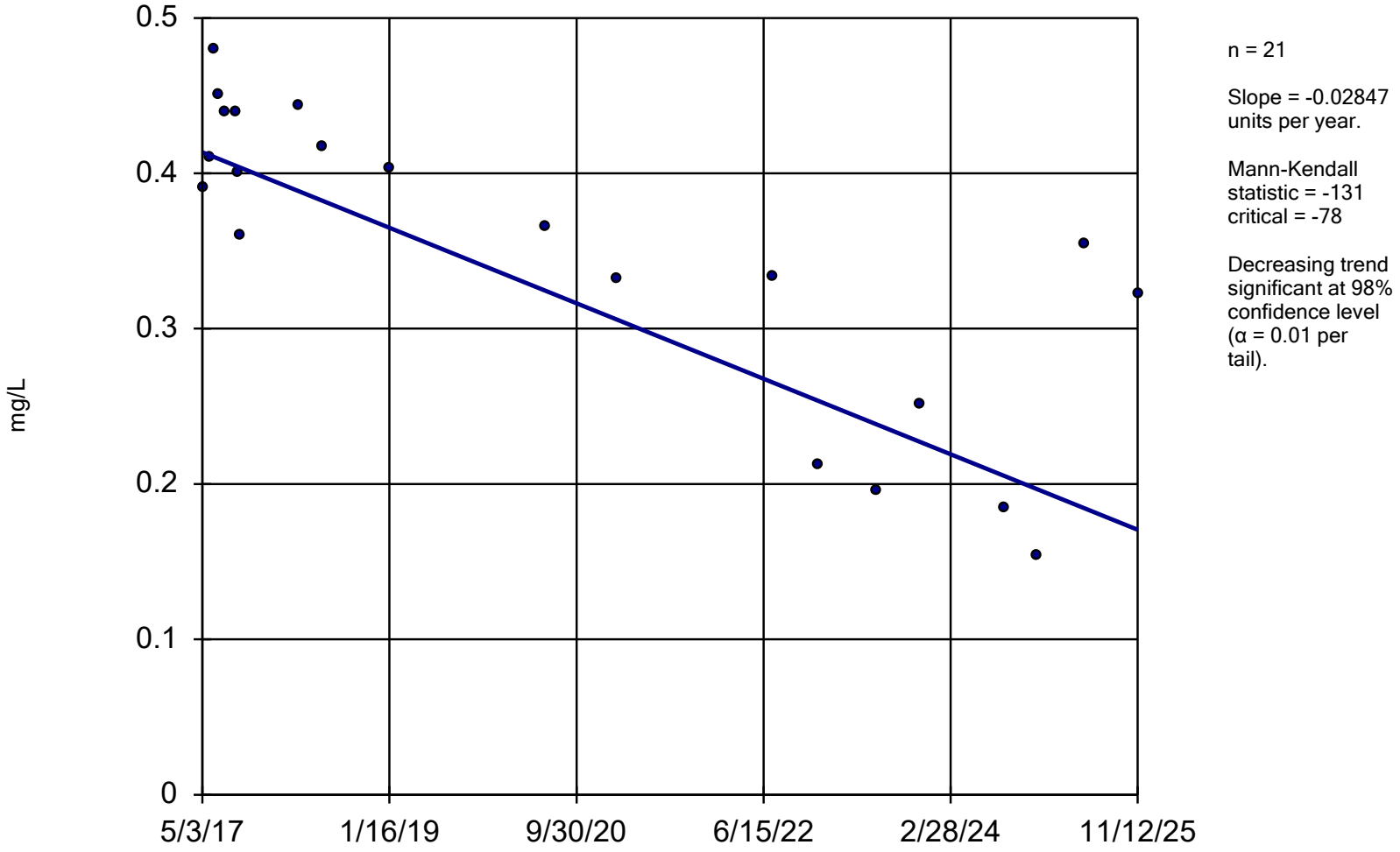
Sen's Slope Estimator

MNW-18 (bg)



n = 21

Slope = -0.02847 units per year.

Mann-Kendall statistic = -131
critical = -78

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Lithium Analysis Run 5/16/2026 12:02 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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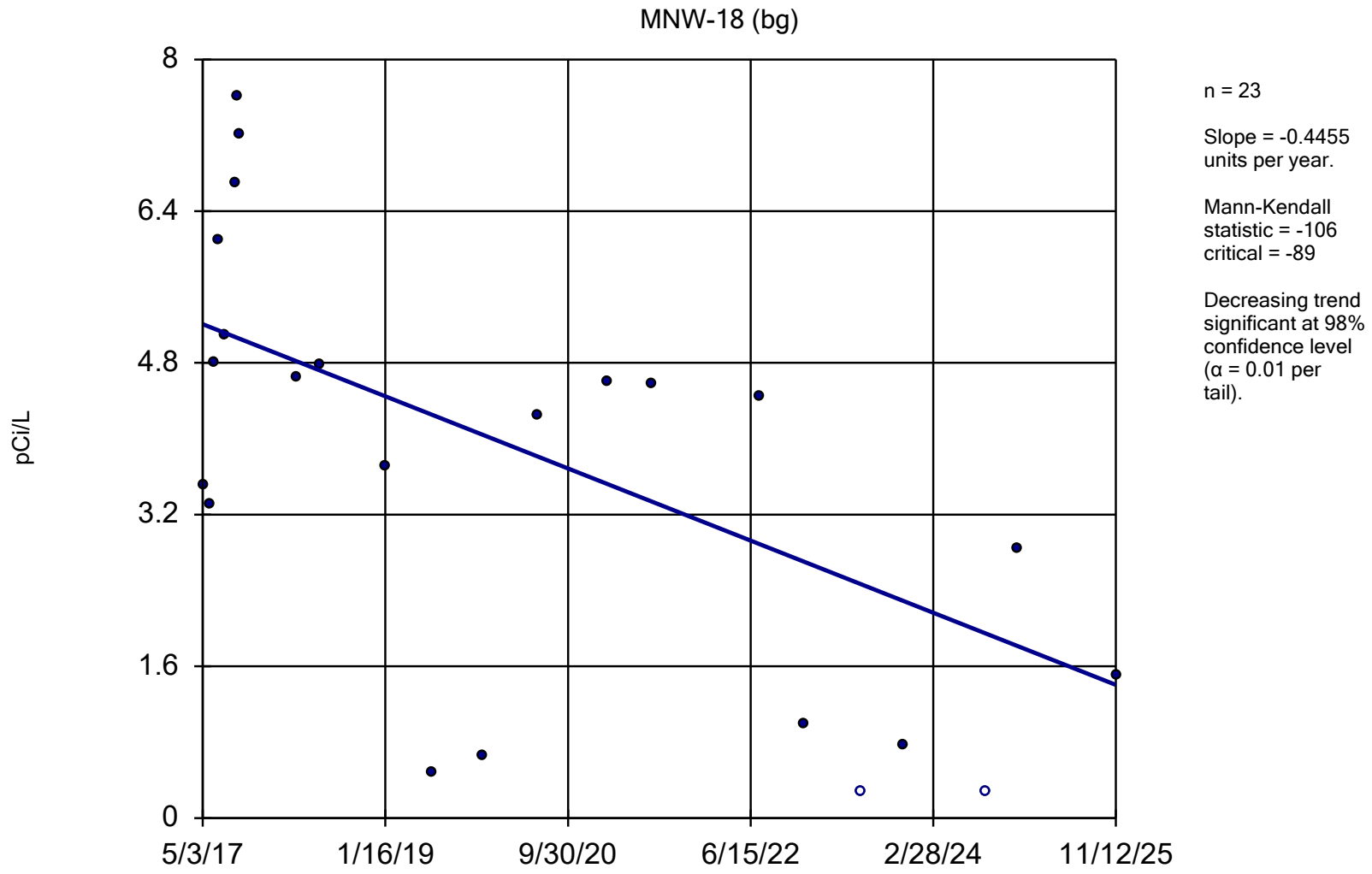
Hollow symbols indicate censored values.

Sen's Slope Estimator



Constituent: Radium 226 + 228 Analysis Run 5/16/2026 12:02 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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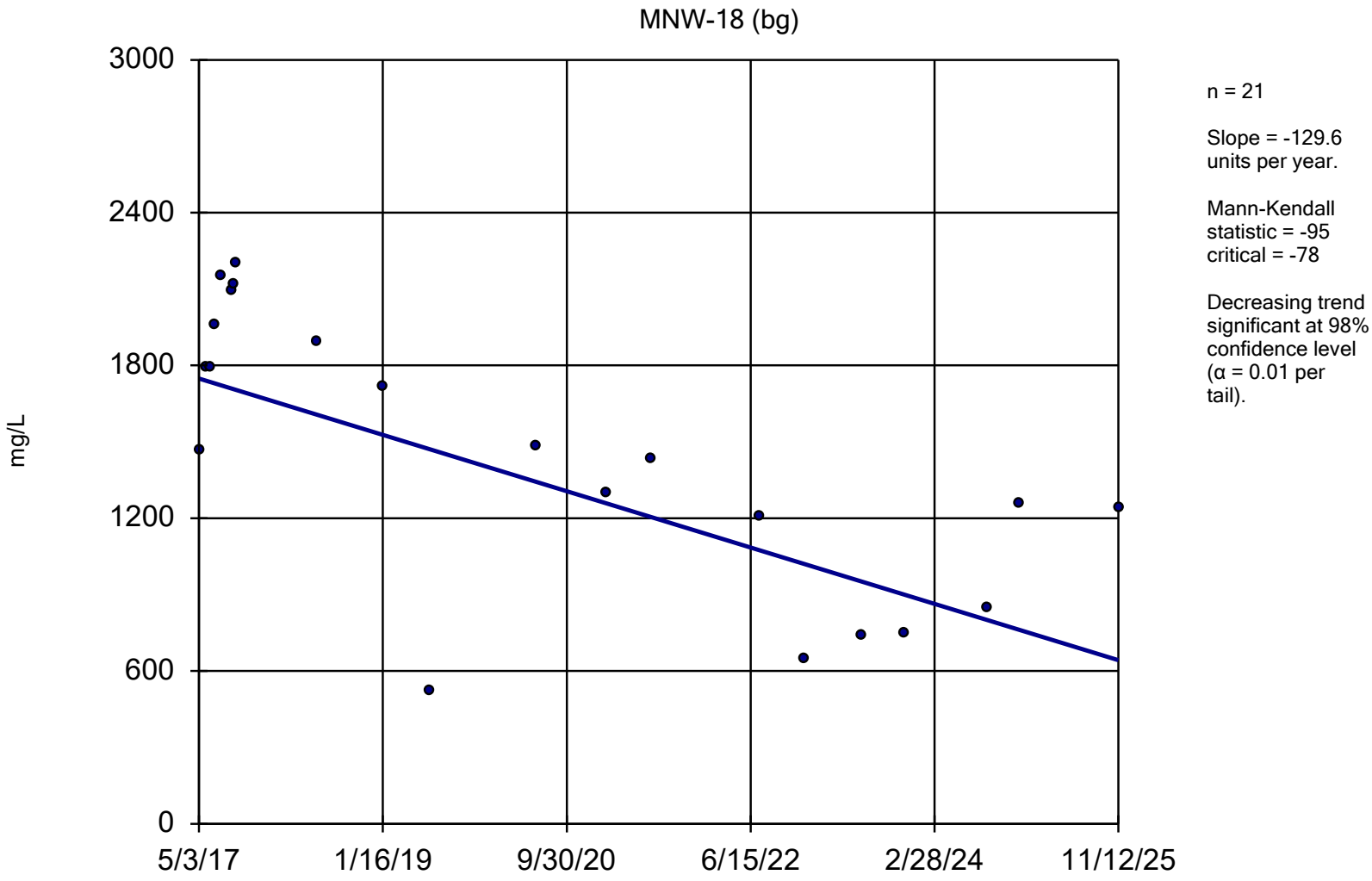
Sen's Slope Estimator



Constituent: Sulfate Analysis Run 5/16/2026 12:02 PM View: SFL - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Trend Test

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:02 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	MNW-18 (bg)	0	35	68	No	19	84.21	n/a	n/a	0.02	NP
Arsenic (mg/L)	MNW-18 (bg)	0	22	68	No	19	52.63	n/a	n/a	0.02	NP
Barium (mg/L)	**MNW-18 (bg)**	**-0.004327**	**-102**	**-73**	**Yes**	**20**	**10**	**n/a**	**n/a**	**0.02**	**NP**
Beryllium (mg/L)	MNW-18 (bg)	0	-7	-84	No	22	95.45	n/a	n/a	0.02	NP
Boron (mg/L)	**MNW-18 (bg)**	**-0.009119**	**-69**	**-68**	**Yes**	**19**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cadmium (mg/L)	MNW-18 (bg)	0	0	84	No	22	100	n/a	n/a	0.02	NP
Calcium (mg/L)	**MNW-18 (bg)**	**-28.77**	**-93**	**-73**	**Yes**	**20**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chloride (mg/L)	**MNW-18 (bg)**	**-38.73**	**-139**	**-78**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chromium (mg/L)	MNW-18 (bg)	0	17	78	No	21	85.71	n/a	n/a	0.02	NP
Cobalt (mg/L)	MNW-18 (bg)	0	42	89	No	23	82.61	n/a	n/a	0.02	NP
Fluoride (mg/L)	MNW-18 (bg)	0	-12	-78	No	21	23.81	n/a	n/a	0.02	NP
Lead (mg/L)	MNW-18 (bg)	0	-6	-95	No	24	87.5	n/a	n/a	0.02	NP
Lithium (mg/L)	**MNW-18 (bg)**	**-0.02847**	**-131**	**-78**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Mercury (mg/L)	MNW-18 (bg)	0	0	95	No	24	100	n/a	n/a	0.02	NP
Molybdenum (mg/L)	MNW-18 (bg)	0	0	68	No	19	100	n/a	n/a	0.02	NP
pH (S.U.)	MNW-18 (bg)	0.01943	38	89	No	23	0	n/a	n/a	0.02	NP
Radium 226 + 228 (pCi/L)	**MNW-18 (bg)**	**-0.4455**	**-106**	**-89**	**Yes**	**23**	**8.696**	**n/a**	**n/a**	**0.02**	**NP**
Selenium (mg/L)	MNW-18 (bg)	0	-20	-78	No	21	95.24	n/a	n/a	0.02	NP
Sulfate (mg/L)	**MNW-18 (bg)**	**-129.6**	**-95**	**-78**	**Yes**	**21**	**0**	**n/a**	**n/a**	**0.02**	**NP**
TDS (mg/L)	MNW-18 (bg)	-212.7	-73	-84	No	22	0	n/a	n/a	0.02	NP
Thallium (mg/L)	MNW-18 (bg)	0	-20	-89	No	23	95.65	n/a	n/a	0.02	NP

SSP/APs CCR Units - Shallow

Flagged Outliers

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:06 PM

	APPZ-1 Antimony (mg/L)	APPZ-1 Cadmium (mg/L)	APPZ-1 Lithium (mg/L)	APPZ-1 Selenium (mg/L)	SSPMW-6S Selenium (mg/L)	SSPMW-6S TDS (mg/L)
5/22/2025				0.0066 (o)		
6/2/2025					0.004 (o)	
7/21/2025			3.69 (o)			
1/7/2026						9410 (o)
2/16/2026	<0.0015 (o)					
3/31/2026		0.0381 (o)		0.00622 (o)		

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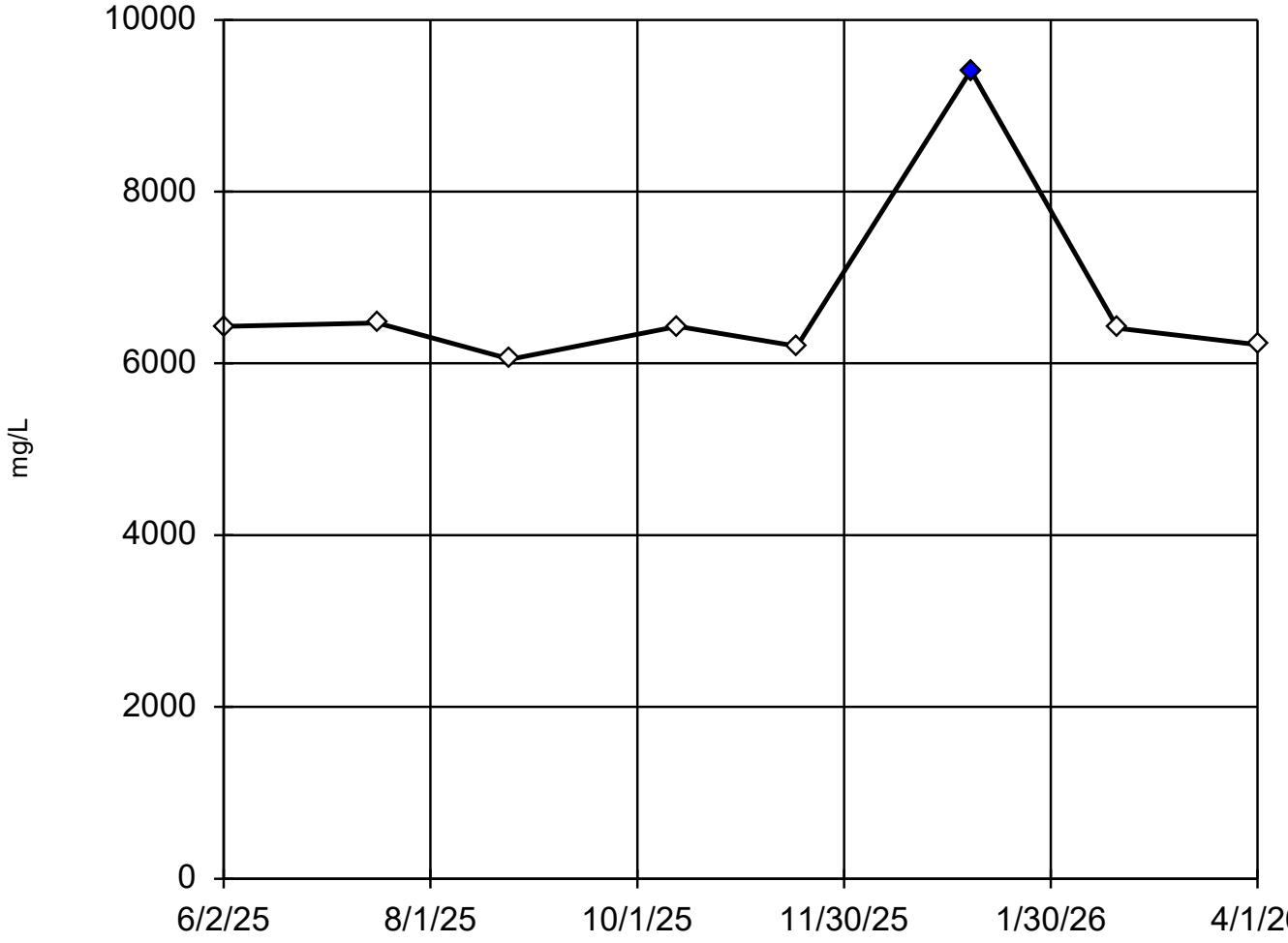
Dixon's Outlier Test

SSPMW-6S (bg)



n = 8

Statistical outlier is drawn as solid.
1 value manually flagged as an outlier.
Testing for 1 high outlier.
Mean = 6703.
Std. Dev. = 1104.
9410 (o): c = 0.9159
tabl = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.8572
Critical = 0.803
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: TDS Analysis Run 5/16/2026 12:05 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Outlier Analysis

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:05 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	**APPZ-1 (bg)**	**Yes**	**0.0015**	**2/16/2026**	**NP (nrm)**	**NaN**	**8**	**0.0008621**	**0.0002628**	**unknown**	**ShapiroWilk**
Antimony (mg/L)	SSPMW-5S (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.001875	0.001553	unknown	ShapiroWilk
Antimony (mg/L)	SSPMW-6S (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.001875	0.001553	unknown	ShapiroWilk
Arsenic (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.006394	0.001127	normal	ShapiroWilk
Arsenic (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.004454	0.003185	ln(x)	ShapiroWilk
Arsenic (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.002314	0.0007409	normal	ShapiroWilk
Barium (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.02684	0.00361	normal	ShapiroWilk
Barium (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.02638	0.004063	normal	ShapiroWilk
Barium (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.01758	0.0008795	normal	ShapiroWilk
Beryllium (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.005561	0.0004023	normal	ShapiroWilk
Beryllium (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.002294	0.0002514	normal	ShapiroWilk
Beryllium (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	Dixon`s	0.05	8	0.06471	0.01163	normal	ShapiroWilk
Boron (mg/L)	**APPZ-1 (bg)**	**Yes**	**0.4**	**1/6/2026**	**Dixon`s**	**0.05**	**8**	**0.3313**	**0.02988**	**normal**	**ShapiroWilk**
Boron (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.2146	0.02189	normal	ShapiroWilk
Boron (mg/L)	**SSPMW-6S (bg)**	**Yes**	**0.468**	**1/7/2026**	**Dixon`s**	**0.05**	**8**	**0.3905**	**0.03484**	**normal**	**ShapiroWilk**
Cadmium (mg/L)	APPZ-1 (bg)	No	n/a	n/a	Dixon`s	0.05	8	0.01058	0.01162	ln(x)	ShapiroWilk
Cadmium (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.001546	0.0003202	normal	ShapiroWilk
Cadmium (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.00048	0.0004444	unknown	ShapiroWilk
Calcium (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	985	102.7	normal	ShapiroWilk
Calcium (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	434.8	36.92	normal	ShapiroWilk
Calcium (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	EPA 1989	0.05	8	703.8	115.8	normal	ShapiroWilk
Chloride (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	2533	140.3	normal	ShapiroWilk
Chloride (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	2039	83.06	normal	ShapiroWilk
Chloride (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	EPA 1989	0.05	8	1649	169.3	normal	ShapiroWilk
Chromium (mg/L)	**APPZ-1 (bg)**	**Yes**	**0.000622**	**3/31/2026**	**NP (nrm)**	**NaN**	**8**	**0.0005688**	**0.0000217**	**unknown**	**ShapiroWilk**
Chromium (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.00112	0.001037	unknown	ShapiroWilk
Chromium (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.00112	0.001037	unknown	ShapiroWilk
Cobalt (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.04478	0.007013	normal	ShapiroWilk
Cobalt (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.03438	0.005733	normal	ShapiroWilk
Cobalt (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	Dixon`s	0.05	8	0.01315	0.002645	normal	ShapiroWilk
Fluoride (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.3953	0.3957	ln(x)	ShapiroWilk
Fluoride (mg/L)	SSPMW-5S (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.3133	0.3308	unknown	ShapiroWilk
Fluoride (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	Dixon`s	0.05	8	0.6329	0.3172	normal	ShapiroWilk
Lead (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.000871	0.0006069	ln(x)	ShapiroWilk
Lead (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0007353	0.0006819	unknown	ShapiroWilk
Lead (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0007353	0.0006819	unknown	ShapiroWilk
Lithium (mg/L)	**APPZ-1 (bg)**	**Yes**	**3.69**	**7/21/2025**	**Dixon`s**	**0.05**	**8**	**1.201**	**1.014**	**normal**	**ShapiroWilk**
Lithium (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.3504	0.1173	normal	ShapiroWilk
Lithium (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.4806	0.1487	normal	ShapiroWilk
Mercury (mg/L)	APPZ-1 (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0000706	0	unknown	ShapiroWilk
Mercury (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0000706	0	unknown	ShapiroWilk
Mercury (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0000706	0	unknown	ShapiroWilk
Molybdenum (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.0004248	0.0001051	normal	ShapiroWilk
Molybdenum (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.0008393	0.0008184	ln(x)	ShapiroWilk
Molybdenum (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0005112	0.0004745	unknown	ShapiroWilk
pH (S.U.)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	4.773	0.09647	normal	ShapiroWilk
pH (S.U.)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	5.133	0.0991	normal	ShapiroWilk
pH (S.U.)	SSPMW-6S (bg)	No	n/a	n/a	EPA 1989	0.05	8	5.145	0.1308	normal	ShapiroWilk
Radium 226 + 228 (pCi/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	10.9	0.7658	normal	ShapiroWilk
Radium 226 + 228 (pCi/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	3.725	1.006	normal	ShapiroWilk

Outlier Analysis

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:05 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Radium 226 + 228 (pCi/L)	**SSPMW-6S (bg)**	**Yes**	**2.18**	**10/13/2025**	**Dixon`s**	**0.05**	**8**	**3.246**	**0.4862**	**normal**	**ShapiroWilk**
Selenium (mg/L)	APPZ-1 (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.002406	0.002667	unknown	ShapiroWilk
Selenium (mg/L)	SSPMW-5S (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.001844	0.001955	unknown	ShapiroWilk
Selenium (mg/L)	SSPMW-6S (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.001606	0.00144	unknown	ShapiroWilk
Sulfate (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	1859	110.4	normal	ShapiroWilk
Sulfate (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	930.3	24.36	normal	ShapiroWilk
Sulfate (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	EPA 1989	0.05	8	2843	100.8	normal	ShapiroWilk
TDS (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	6239	575.7	normal	ShapiroWilk
TDS (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	4730	470.5	normal	ShapiroWilk
TDS (mg/L)	**SSPMW-6S (bg)**	**Yes**	**9410**	**1/7/2026**	**Dixon`s**	**0.05**	**8**	**6703**	**1104**	**normal**	**ShapiroWilk**
Thallium (mg/L)	APPZ-1 (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.001985	0.0001309	normal	ShapiroWilk
Thallium (mg/L)	SSPMW-5S (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.001268	0.0005202	ln(x)	ShapiroWilk
Thallium (mg/L)	SSPMW-6S (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0008312	0.0007707	unknown	ShapiroWilk

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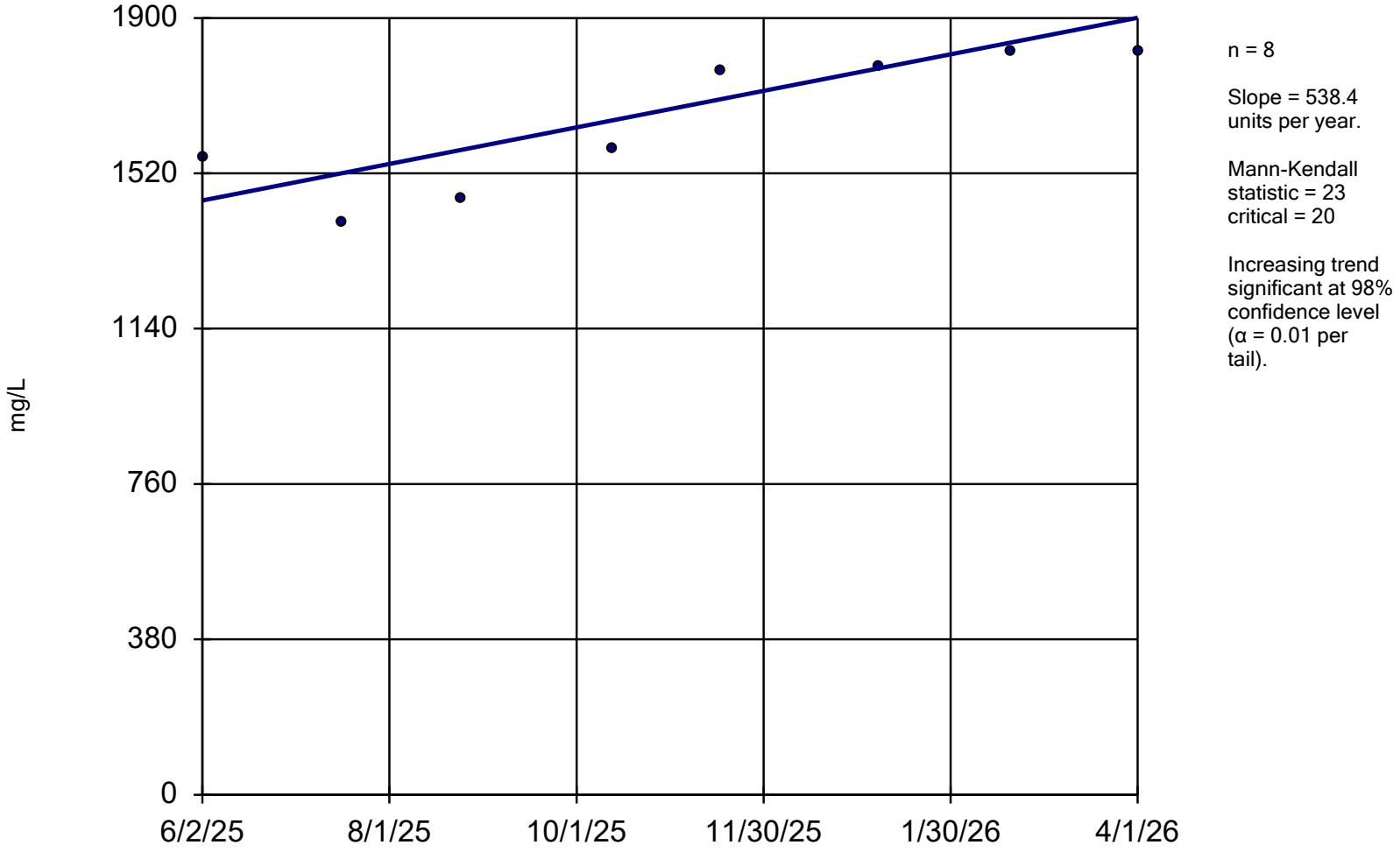
Sen's Slope Estimator

SSPMW-6S (bg)



n = 8

Slope = 538.4 units per year.

Mann-Kendall statistic = 23
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Chloride Analysis Run 5/16/2026 12:09 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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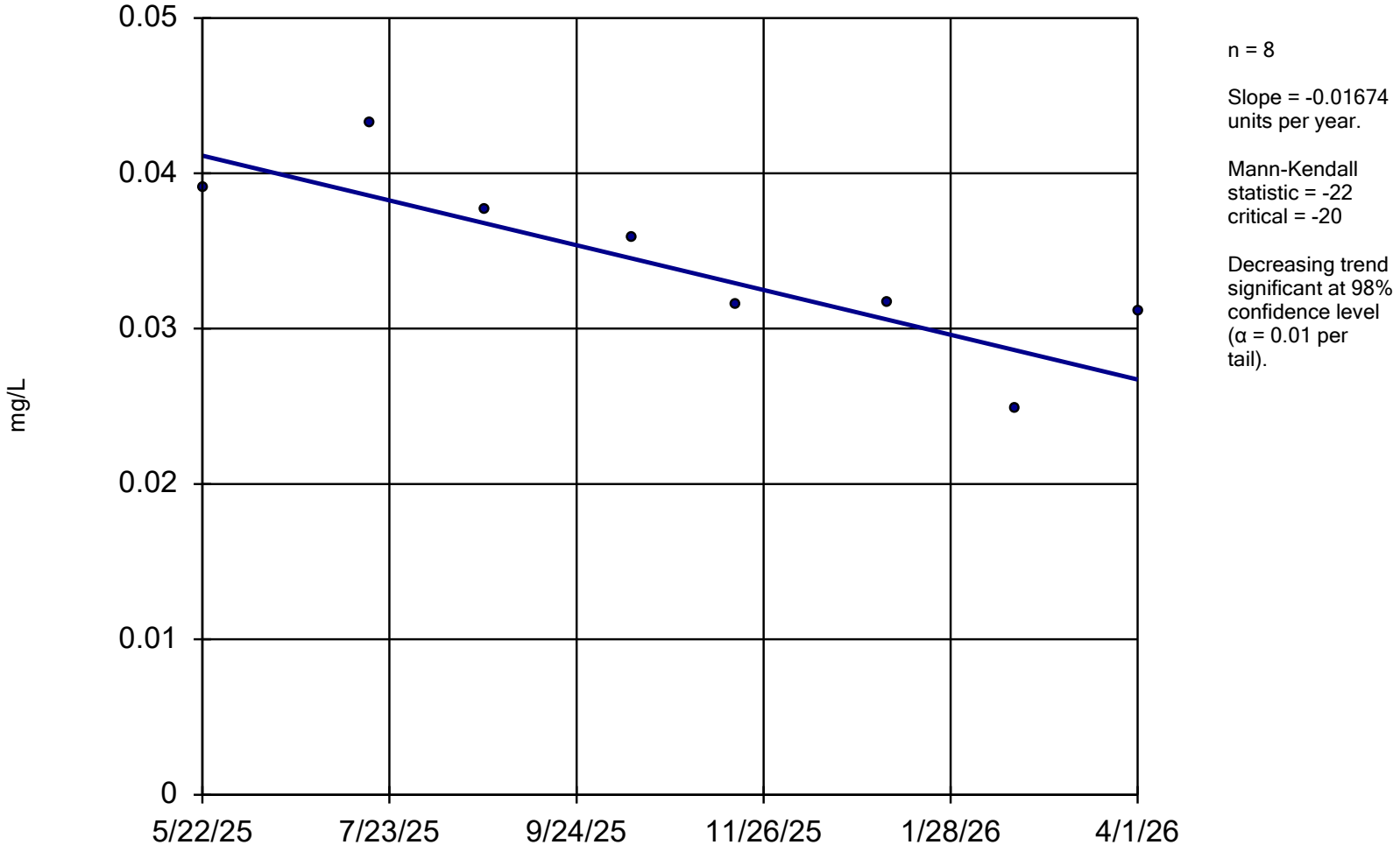
Sen's Slope Estimator

SSPMW-5S (bg)



n = 8

Slope = -0.01674 units per year.

Mann-Kendall statistic = -22
critical = -20

Decreasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Cobalt Analysis Run 5/16/2026 12:09 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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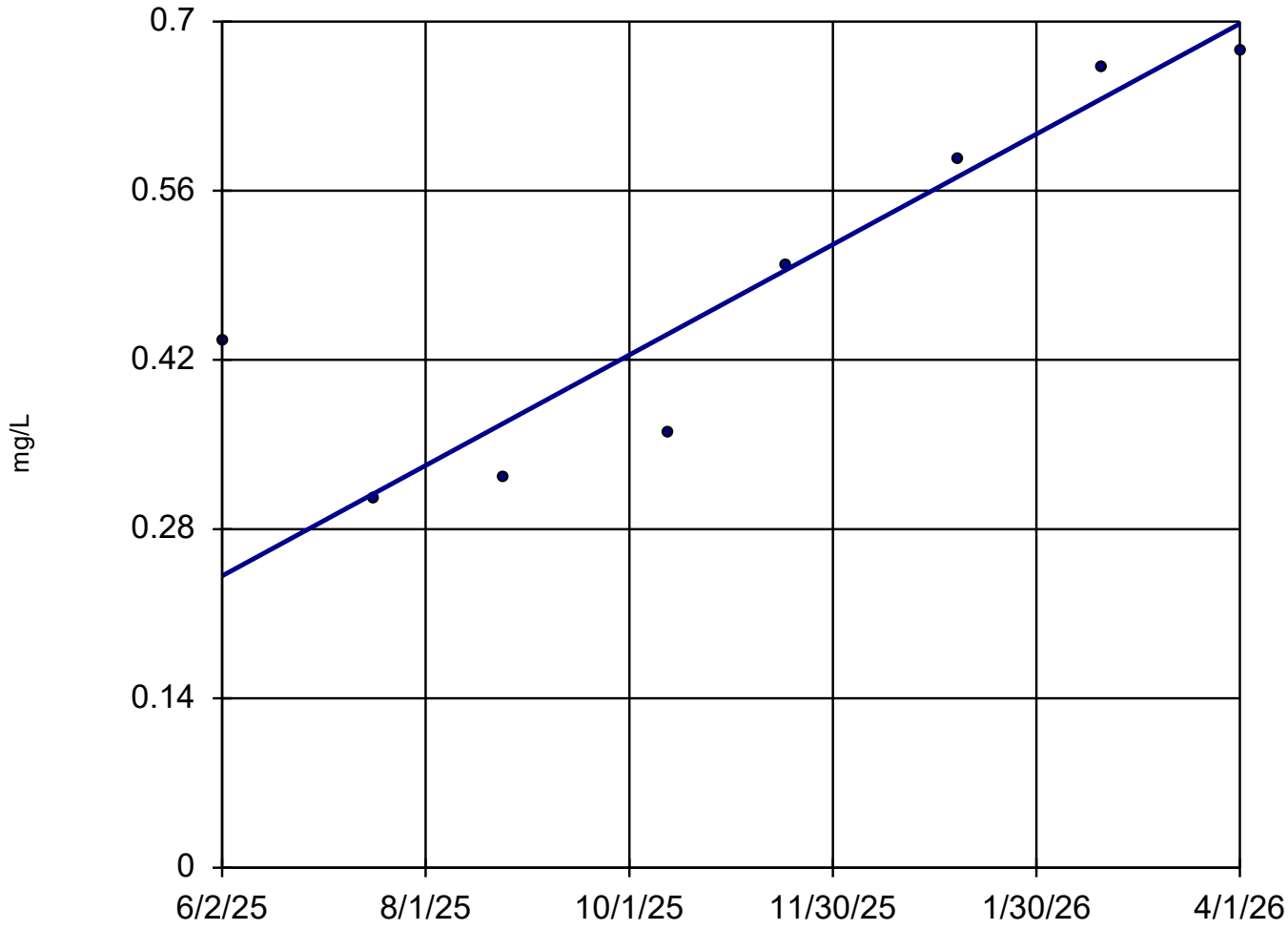
Sen's Slope Estimator

SSPMW-6S (bg)



n = 8

Slope = 0.5503 units per year.

Mann-Kendall statistic = 22
critical = 20

Increasing trend significant at 98% confidence level (α = 0.01 per tail).

Constituent: Lithium Analysis Run 5/16/2026 12:09 PM View: SSP AP - Shallow - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Trend Test

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	APPZ-1 (bg)	0	0	17	No	7	85.71	n/a	n/a	0.02	NP
Antimony (mg/L)	SSPMW-5S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	SSPMW-6S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	APPZ-1 (bg)	-0.002758	-12	-20	No	8	0	n/a	n/a	0.02	NP
Arsenic (mg/L)	SSPMW-5S (bg)	-0.004945	-16	-20	No	8	12.5	n/a	n/a	0.02	NP
Arsenic (mg/L)	SSPMW-6S (bg)	0.0004477	13	20	No	8	25	n/a	n/a	0.02	NP
Barium (mg/L)	APPZ-1 (bg)	-0.002173	-2	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	SSPMW-5S (bg)	-0.01273	-20	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	SSPMW-6S (bg)	0.0001205	1	20	No	8	0	n/a	n/a	0.02	NP
Beryllium (mg/L)	APPZ-1 (bg)	0.0005301	9	20	No	8	0	n/a	n/a	0.02	NP
Beryllium (mg/L)	SSPMW-5S (bg)	-0.0004432	-5	-20	No	8	0	n/a	n/a	0.02	NP
Beryllium (mg/L)	SSPMW-6S (bg)	0.02843	16	20	No	8	0	n/a	n/a	0.02	NP
Boron (mg/L)	APPZ-1 (bg)	-0.0186	-7	-20	No	8	0	n/a	n/a	0.02	NP
Boron (mg/L)	SSPMW-5S (bg)	-0.04282	-7	-20	No	8	0	n/a	n/a	0.02	NP
Boron (mg/L)	SSPMW-6S (bg)	0.0245	4	20	No	8	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	APPZ-1 (bg)	-0.008288	-9	-17	No	7	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	SSPMW-5S (bg)	0.0002445	6	20	No	8	12.5	n/a	n/a	0.02	NP
Cadmium (mg/L)	SSPMW-6S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Calcium (mg/L)	APPZ-1 (bg)	204.5	10	20	No	8	0	n/a	n/a	0.02	NP
Calcium (mg/L)	SSPMW-5S (bg)	-67.15	-16	-20	No	8	0	n/a	n/a	0.02	NP
Calcium (mg/L)	SSPMW-6S (bg)	277.2	18	20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	APPZ-1 (bg)	343.1	11	20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SSPMW-5S (bg)	244.8	16	20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	**SSPMW-6S (bg)**	**538.4**	**23**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Chromium (mg/L)	APPZ-1 (bg)	0	11	20	No	8	75	n/a	n/a	0.02	NP
Chromium (mg/L)	SSPMW-5S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Chromium (mg/L)	SSPMW-6S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	APPZ-1 (bg)	-0.02288	-14	-20	No	8	0	n/a	n/a	0.02	NP
Cobalt (mg/L)	**SSPMW-5S (bg)**	**-0.01674**	**-22**	**-20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Cobalt (mg/L)	SSPMW-6S (bg)	0.006208	18	20	No	8	0	n/a	n/a	0.02	NP
Fluoride (mg/L)	APPZ-1 (bg)	0	-1	-20	No	8	75	n/a	n/a	0.02	NP
Fluoride (mg/L)	SSPMW-5S (bg)	0	-1	-20	No	8	87.5	n/a	n/a	0.02	NP
Fluoride (mg/L)	SSPMW-6S (bg)	0.1281	3	20	No	8	37.5	n/a	n/a	0.02	NP
Lead (mg/L)	APPZ-1 (bg)	-0.0001674	-3	-20	No	8	37.5	n/a	n/a	0.02	NP
Lead (mg/L)	SSPMW-5S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	SSPMW-6S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lithium (mg/L)	APPZ-1 (bg)	0.3347	9	17	No	7	0	n/a	n/a	0.02	NP
Lithium (mg/L)	SSPMW-5S (bg)	0.3163	15	20	No	8	0	n/a	n/a	0.02	NP
Lithium (mg/L)	**SSPMW-6S (bg)**	**0.5503**	**22**	**20**	**Yes**	**8**	**0**	**n/a**	**n/a**	**0.02**	**NP**
Mercury (mg/L)	APPZ-1 (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Mercury (mg/L)	SSPMW-5S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Mercury (mg/L)	SSPMW-6S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Molybdenum (mg/L)	APPZ-1 (bg)	-0.0002664	-18	-20	No	8	0	n/a	n/a	0.02	NP
Molybdenum (mg/L)	SSPMW-5S (bg)	0	2	20	No	8	50	n/a	n/a	0.02	NP
Molybdenum (mg/L)	SSPMW-6S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
pH (S.U.)	APPZ-1 (bg)	-0.1543	-5	-20	No	8	0	n/a	n/a	0.02	NP
pH (S.U.)	SSPMW-5S (bg)	-0.1877	-8	-20	No	8	0	n/a	n/a	0.02	NP
pH (S.U.)	SSPMW-6S (bg)	-0.3425	-14	-20	No	8	0	n/a	n/a	0.02	NP
Radium 226 + 228 (pCi/L)	APPZ-1 (bg)	-1.483	-8	-20	No	8	0	n/a	n/a	0.02	NP
Radium 226 + 228 (pCi/L)	SSPMW-5S (bg)	1.274	16	20	No	8	0	n/a	n/a	0.02	NP

Trend Test

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:10 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Radium 226 + 228 (pCi/L)	SSPMW-6S (bg)	0.004623	0	20	No	8	0	n/a	n/a	0.02	NP
Selenium (mg/L)	APPZ-1 (bg)	0	1	13	No	6	83.33	n/a	n/a	0.02	NP
Selenium (mg/L)	SSPMW-5S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	SSPMW-6S (bg)	0	0	17	No	7	100	n/a	n/a	0.02	NP
Sulfate (mg/L)	APPZ-1 (bg)	67.04	3	20	No	8	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	SSPMW-5S (bg)	-16.98	-4	-20	No	8	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	SSPMW-6S (bg)	57.38	3	20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	APPZ-1 (bg)	1371	8	20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	SSPMW-5S (bg)	-43.66	0	20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	SSPMW-6S (bg)	-100.9	-6	-17	No	7	0	n/a	n/a	0.02	NP
Thallium (mg/L)	APPZ-1 (bg)	0.00024	9	20	No	8	25	n/a	n/a	0.02	NP
Thallium (mg/L)	SSPMW-5S (bg)	0.0004191	9	20	No	8	25	n/a	n/a	0.02	NP
Thallium (mg/L)	SSPMW-6S (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP

SSP/APs CCR Units - Deeper

Flagged Outliers

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:14 PM

	SSPMW-5D Selenium (mg/L)
1/7/2026	<0.00295 (o)

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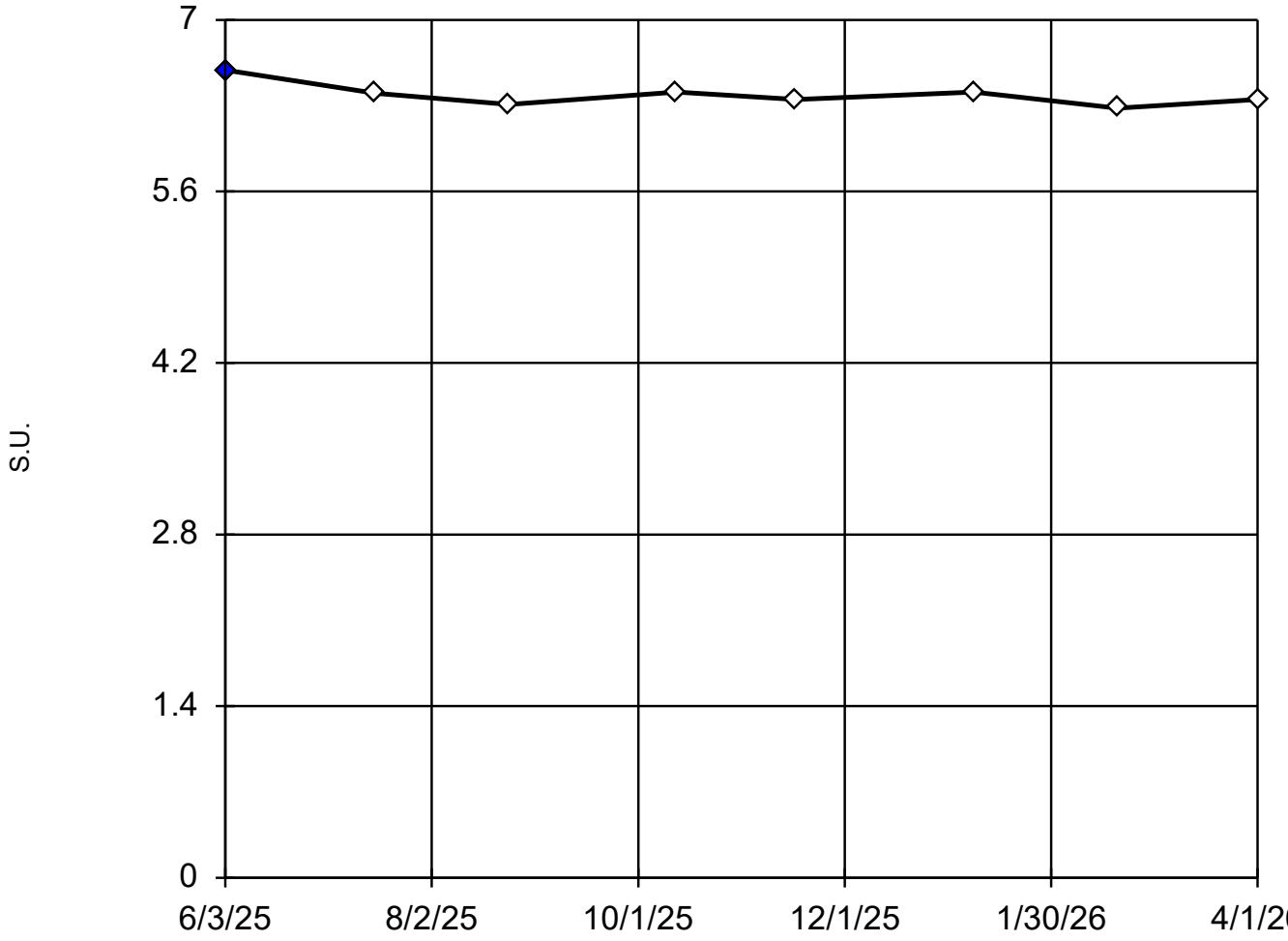
Dixon's Outlier Test

SSPMW-6D (bg)



n = 8

Statistical outlier is drawn as solid.
Testing for 1 high outlier.
Mean = 6.388.
Std. Dev. = 0.09453.
6.59: c = 0.6429
tabl = 0.554.
Alpha = 0.05.

Normality test used:
Shapiro Wilk@alpha = 0.05
Calculated = 0.8929
Critical = 0.803
The distribution, after removal of suspect value, was found to be normally distributed.

Constituent: pH Analysis Run 5/16/2026 12:12 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

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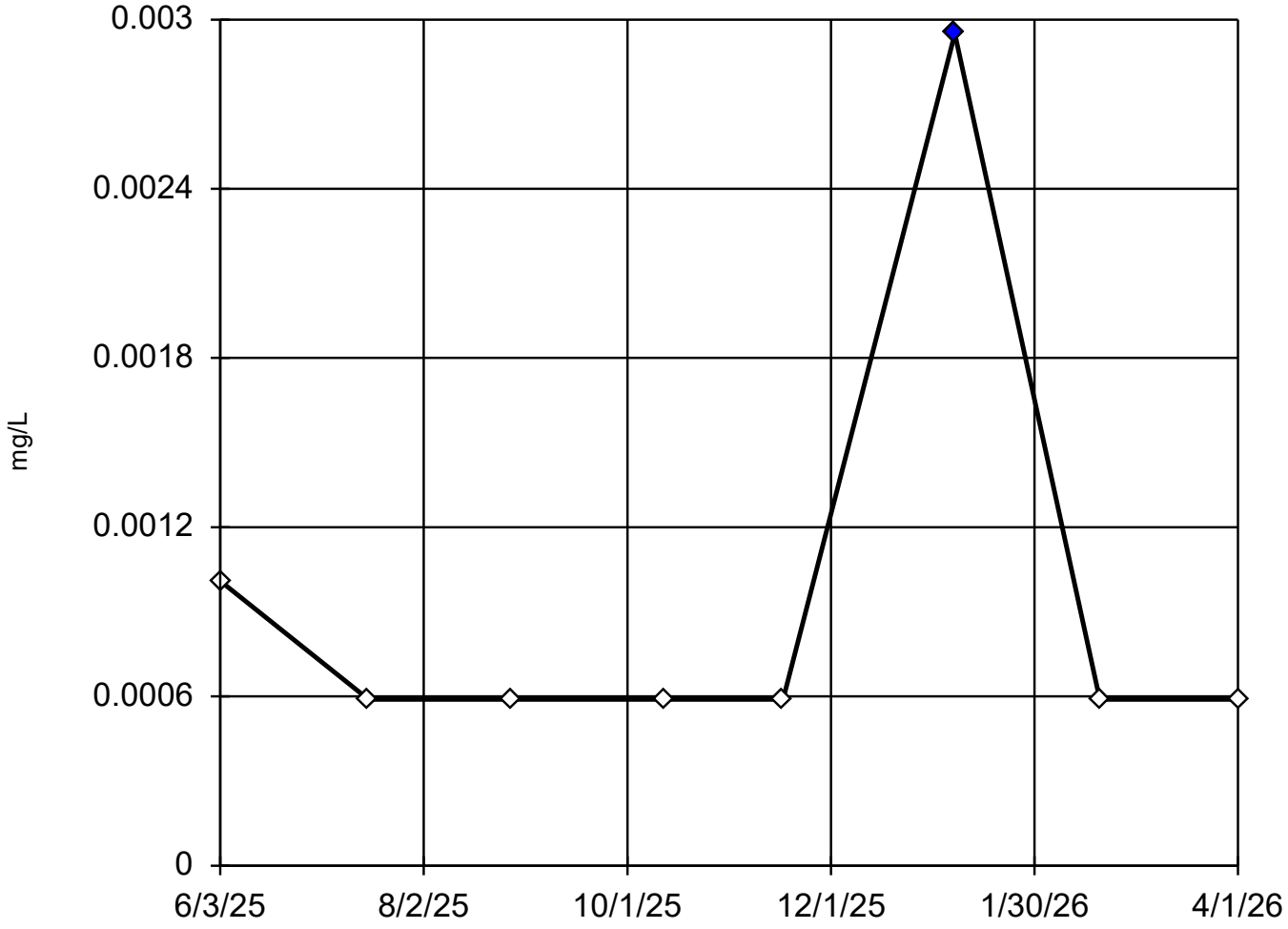
Tukey's Outlier Screening

SSPMW-5D (bg)



n = 8

Outlier is drawn as solid.
Tukey's method used in lieu of parametric test because the Shapiro Wilk normality test failed at the 0.05 alpha level.

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

High cutoff = 0.001729, low cutoff = 0.0002634, based on IQR multiplier of 3.

Constituent: Selenium Analysis Run 5/16/2026 12:12 PM View: SSP AP - Deep - 2026 - Background

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database

Outlier Analysis

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:13 PM

Constituent	Well	Outlier	Value(s)	Date(s)	Method	Alpha	N	Mean	Std. Dev.	Distribution	Normality Test
Antimony (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0015	0.001389	unknown	ShapiroWilk
Antimony (mg/L)	SSPMW-5D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.001125	0.001061	unknown	ShapiroWilk
Arsenic (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.001504	0.001237	unknown	ShapiroWilk
Arsenic (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.001158	0.0009458	unknown	ShapiroWilk
Barium (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.03634	0.006742	normal	ShapiroWilk
Barium (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.04484	0.003122	normal	ShapiroWilk
Beryllium (mg/L)	SSPMW-6D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.0005432	0.0005041	unknown	ShapiroWilk
Beryllium (mg/L)	SSPMW-5D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.0004071	0.000385	unknown	ShapiroWilk
Boron (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.5104	0.02745	normal	ShapiroWilk
Boron (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.533	0.06989	normal	ShapiroWilk
Cadmium (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.00048	0.0004444	unknown	ShapiroWilk
Cadmium (mg/L)	SSPMW-5D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.00036	0.0003394	unknown	ShapiroWilk
Calcium (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	403.1	43.7	normal	ShapiroWilk
Calcium (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	220.3	26.94	normal	ShapiroWilk
Chloride (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	1459	123.2	normal	ShapiroWilk
Chloride (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	1350	77.46	normal	ShapiroWilk
Chromium (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.001152	0.001019	unknown	ShapiroWilk
Chromium (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0009952	0.0007623	unknown	ShapiroWilk
Cobalt (mg/L)	SSPMW-6D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.0007113	0.0006596	unknown	ShapiroWilk
Cobalt (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0006089	0.0004842	unknown	ShapiroWilk
Fluoride (mg/L)	SSPMW-6D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.2528	0.2067	unknown	ShapiroWilk
Fluoride (mg/L)	SSPMW-5D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.2611	0.2104	unknown	ShapiroWilk
Lead (mg/L)	SSPMW-6D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.0005511	0.0005208	unknown	ShapiroWilk
Lead (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0007485	0.0005673	unknown	ShapiroWilk
Lithium (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.3049	0.1051	normal	ShapiroWilk
Lithium (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.3364	0.1017	normal	ShapiroWilk
Mercury (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0000706	0	unknown	ShapiroWilk
Mercury (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0000706	0	unknown	ShapiroWilk
Molybdenum (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.0005112	0.0004745	unknown	ShapiroWilk
Molybdenum (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	0.0005766	0.0003134	ln(x)	ShapiroWilk
pH (S.U.)	**SSPMW-6D (bg)**	**Yes**	**6.59**	**6/3/2025**	**Dixon`s**	**0.05**	**8**	**6.388**	**0.09453**	**normal**	**ShapiroWilk**
pH (S.U.)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	6.826	0.05344	normal	ShapiroWilk
Radium 226 + 228 (pCi/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	3.625	0.6122	normal	ShapiroWilk
Radium 226 + 228 (pCi/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	7	2.627	0.7458	normal	ShapiroWilk
Selenium (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	NP (nrm)	NaN	8	0.00118	0.001092	unknown	ShapiroWilk
Selenium (mg/L)	**SSPMW-5D (bg)**	**Yes**	**0.00295**	**1/7/2026**	**NP (nrm)**	**NaN**	**8**	**0.0009375**	**0.0008263**	**unknown**	**ShapiroWilk**
Sulfate (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	1116	104.2	normal	ShapiroWilk
Sulfate (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	226.8	7.611	normal	ShapiroWilk
TDS (mg/L)	SSPMW-6D (bg)	No	n/a	n/a	EPA 1989	0.05	8	4194	405.8	normal	ShapiroWilk
TDS (mg/L)	SSPMW-5D (bg)	No	n/a	n/a	EPA 1989	0.05	8	3064	454.3	ln(x)	ShapiroWilk
Thallium (mg/L)	SSPMW-6D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.0006231	0.0005887	unknown	ShapiroWilk
Thallium (mg/L)	SSPMW-5D (bg)	n/a	n/a	n/a	NP (nrm)	NaN	8	0.0006231	0.0005887	unknown	ShapiroWilk

Trend Test

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 12:18 PM

Constituent	Well	Slope	Calc.	Critical	Sig.	N	%NDs	Normality	Xform	Alpha	Method
Antimony (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Antimony (mg/L)	SSPMW-5D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Arsenic (mg/L)	SSPMW-6D (bg)	0	-13	-20	No	8	75	n/a	n/a	0.02	NP
Arsenic (mg/L)	SSPMW-5D (bg)	-0.0003723	-16	-20	No	8	62.5	n/a	n/a	0.02	NP
Barium (mg/L)	SSPMW-6D (bg)	-0.01984	-18	-20	No	8	0	n/a	n/a	0.02	NP
Barium (mg/L)	SSPMW-5D (bg)	-0.008975	-18	-20	No	8	0	n/a	n/a	0.02	NP
Beryllium (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Beryllium (mg/L)	SSPMW-5D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Boron (mg/L)	SSPMW-6D (bg)	-0.0647	-14	-20	No	8	0	n/a	n/a	0.02	NP
Boron (mg/L)	SSPMW-5D (bg)	0.1302	10	20	No	8	0	n/a	n/a	0.02	NP
Cadmium (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cadmium (mg/L)	SSPMW-5D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Calcium (mg/L)	SSPMW-6D (bg)	-49.02	-8	-20	No	8	0	n/a	n/a	0.02	NP
Calcium (mg/L)	SSPMW-5D (bg)	49.52	16	20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SSPMW-6D (bg)	253.5	11	20	No	8	0	n/a	n/a	0.02	NP
Chloride (mg/L)	SSPMW-5D (bg)	214.9	20	20	No	8	0	n/a	n/a	0.02	NP
Chromium (mg/L)	SSPMW-6D (bg)	0	-6	-20	No	8	62.5	n/a	n/a	0.02	NP
Chromium (mg/L)	SSPMW-5D (bg)	0	-8	-20	No	8	62.5	n/a	n/a	0.02	NP
Cobalt (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Cobalt (mg/L)	SSPMW-5D (bg)	0	-8	-20	No	8	62.5	n/a	n/a	0.02	NP
Fluoride (mg/L)	SSPMW-6D (bg)	0	-9	-20	No	8	75	n/a	n/a	0.02	NP
Fluoride (mg/L)	SSPMW-5D (bg)	0	-9	-20	No	8	75	n/a	n/a	0.02	NP
Lead (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Lead (mg/L)	SSPMW-5D (bg)	-0.00004347	-14	-20	No	8	62.5	n/a	n/a	0.02	NP
Lithium (mg/L)	SSPMW-6D (bg)	0.3181	12	20	No	8	0	n/a	n/a	0.02	NP
Lithium (mg/L)	SSPMW-5D (bg)	0.278	16	20	No	8	0	n/a	n/a	0.02	NP
Mercury (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Mercury (mg/L)	SSPMW-5D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Molybdenum (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Molybdenum (mg/L)	SSPMW-5D (bg)	-0.0006935	-14	-20	No	8	12.5	n/a	n/a	0.02	NP
pH (S.U.)	SSPMW-6D (bg)	-0.1751	-10	-20	No	8	0	n/a	n/a	0.02	NP
pH (S.U.)	SSPMW-5D (bg)	-0.0803	-10	-20	No	8	0	n/a	n/a	0.02	NP
Radium 226 + 228 (pCi/L)	SSPMW-6D (bg)	-1.61	-18	-20	No	8	0	n/a	n/a	0.02	NP
Radium 226 + 228 (pCi/L)	SSPMW-5D (bg)	-1.136	-3	-17	No	7	0	n/a	n/a	0.02	NP
Selenium (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Selenium (mg/L)	SSPMW-5D (bg)	0	-6	-17	No	7	85.71	n/a	n/a	0.02	NP
Sulfate (mg/L)	SSPMW-6D (bg)	172.9	7	20	No	8	0	n/a	n/a	0.02	NP
Sulfate (mg/L)	SSPMW-5D (bg)	-11.66	-6	-20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	SSPMW-6D (bg)	71.5	2	20	No	8	0	n/a	n/a	0.02	NP
TDS (mg/L)	SSPMW-5D (bg)	202.5	4	20	No	8	0	n/a	n/a	0.02	NP
Thallium (mg/L)	SSPMW-6D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP
Thallium (mg/L)	SSPMW-5D (bg)	0	0	20	No	8	100	n/a	n/a	0.02	NP

Appendix G

Statistical Analysis – Prediction Limits Summary

GCSES Site-Wide BTVs

Prediction Limit

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/28/2026, 7:41 PM

Constituent	Upper Lim.	Lower Lim.	Observ.	Bg N	Bg Wells	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	0.00200	n/a	1 future	85	SFLMW-1S[R]-Cont,APPZ-1,SFLMW-6,MNW-18,SSP...	92.94	n/a	n/a	0.01163	NP Inter (NDs)
Arsenic (mg/L)	0.0450	n/a	1 future	88	SSPMW-5D,MNW-18,SSPMW-6D,SSPMW-5S,SFLMW-6...	31.82	n/a	n/a	0.01124	NP Inter (normality)
Barium (mg/L)	0.0721	n/a	1 future	87	SFLMW-6,MNW-18,APPZ-1,SFLMW-1S[R]-Cont,SSP...	2.299	None	No	0.01	Param Inter
Beryllium (mg/L)	0.116	n/a	1 future	93	MNW-18,SSPMW-5D,SSPMW-6D,SSPMW-5S,APPZ-1...	39.78	n/a	n/a	0.01064	NP Inter (normality)
Boron (mg/L)	0.646	n/a	1 future	85	SFLMW-6,MNW-18,APPZ-1,SFLMW-1S[R]-Cont,SSP...	0	None	No	0.01	Param Inter
Cadmium (mg/L)	0.0426	n/a	1 future	93	SSPMW-5D,MNW-18,SSPMW-6D,SSPMW-5S,SSPMW-6S...	50.54	n/a	n/a	0.01064	NP Inter (NDs)
Calcium (mg/L)	1510	n/a	1 future	88	MNW-18,SSPMW-5D,SSPMW-6D,SSPMW-5S,SSPMW-6S...	0	n/a	n/a	0.01124	NP Inter (normality)
Chloride (mg/L)	8150	n/a	1 future	91	SFLMW-6,MNW-18,APPZ-1,SFLMW-1S[R]-Cont,SSP...	0	None	x^(1/3)	0.01	Param Inter
Chromium (mg/L)	0.0154	n/a	1 future	89	APPZ-1,SSPMW-5S,MNW-18,SSPMW-6D,SSPMW-5D...	64.04	n/a	n/a	0.01111	NP Inter (NDs)
Cobalt (mg/L)	0.293	n/a	1 future	95	SSPMW-5D,MNW-18,SSPMW-6D,SSPMW-6S,SSPMW-5S...	33.68	n/a	n/a	0.01042	NP Inter (normality)
Fluoride (mg/L)	2.77	n/a	1 future	91	MNW-18,APPZ-1,SSPMW-5D,SSPMW-5S,SSPMW-6D...	45.05	n/a	n/a	0.01087	NP Inter (normality)
Lead (mg/L)	0.0173	n/a	1 future	95	MNW-18,SSPMW-5S,APPZ-1,SSPMW-5D,SSPMW-6D...	64.21	n/a	n/a	0.01042	NP Inter (NDs)
Lithium (mg/L)	1.22	n/a	1 future	91	SFLMW-6,MNW-18,APPZ-1,SFLMW-1S[R]-Cont,SSP...	0	None	sqrt(x)	0.01	Param Inter
Mercury (mg/L)	0.000222	n/a	1 future	95	SFLMW-6,SSPMW-5S,SFLMW-1S[R]-Cont,APPZ-1...	95.79	n/a	n/a	0.01042	NP Inter (NDs)
Molybdenum (mg/L)	0.00126	n/a	1 future	88	SFLMW-6,SSPMW-6S,MNW-18,SSPMW-5D,SFLMW-1S[...	78.41	n/a	n/a	0.01124	NP Inter (NDs)
pH (S.U.)	7.50	3.43	1 future	94	SFLMW-6,SFLMW-1S[R]-Cont,APPZ-1,SSPMW-6S...	0	n/a	n/a	0.02105	NP Inter (normality)
Radium 226 + 228 (pCi/L)	24.4	n/a	1 future	92	SFLMW-6,MNW-18,APPZ-1,SFLMW-1S[R]-Cont,SSP...	2.174	None	x^(1/3)	0.01	Param Inter
Selenium (mg/L)	0.171	n/a	1 future	84	SFLMW-6,SSPMW-5S,APPZ-1,SSPMW-5D,MNW-18,SS...	78.57	n/a	n/a	0.01176	NP Inter (NDs)
Sulfate (mg/L)	3520	n/a	1 future	91	SFLMW-6,MNW-18,APPZ-1,SFLMW-1S[R]-Cont,SSP...	0	None	No	0.01	Param Inter
TDS (mg/L)	14100	n/a	1 future	91	SFLMW-6,MNW-18,APPZ-1,SFLMW-1S[R]-Cont,SSP...	0	None	sqrt(x)	0.01	Param Inter
Thallium (mg/L)	0.0117	n/a	1 future	94	SSPMW-5D,MNW-18,APPZ-1,SSPMW-5S,SSPMW-6S...	53.19	n/a	n/a	0.01053	NP Inter (NDs)

SFL CCR Unit - Shallow

Prediction Limit

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 1:28 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.00108	n/a	n/a	27	SFLMW-6,SFLMW-1S[R]-Cont	n/a	n/a	92.59	n/a	n/a	0.03571	NP Inter (NDs)
Arsenic (mg/L)	n/a	0.0485	n/a	n/a	29	SFLMW-6,SFLMW-1S[R]-Cont	-4.173	0.4573	13.79	None	ln(x)	0.01	Param Inter
Barium (mg/L)	n/a	0.0803	n/a	n/a	27	SFLMW-6,SFLMW-1S[R]-Cont	0.04017	0.01592	0	None	No	0.01	Param Inter
Beryllium (mg/L)	n/a	0.116	n/a	n/a	31	SFLMW-6,SFLMW-1S[R]-Cont	n/a	n/a	0	n/a	n/a	0.03125	NP Inter (normality)
Boron (mg/L)	n/a	0.621	n/a	n/a	28	SFLMW-6,SFLMW-1S[R]-Cont	0.3488	0.1083	0	None	No	0.01	Param Inter
Cadmium (mg/L)	n/a	0.0462	n/a	n/a	32	SFLMW-6,SFLMW-1S[R]-Cont	0.2287	0.05222	0	None	x^(1/3)	0.01	Param Inter
Calcium (mg/L)	n/a	1510	n/a	n/a	28	SFLMW-1S[R]-Cont,SFLMW-6	n/a	n/a	0	n/a	n/a	0.03448	NP Inter (normality)
Chloride (mg/L)	n/a	9200	n/a	n/a	30	SFLMW-6,SFLMW-1S[R]-Cont	15.5	2.18	0	None	x^(1/3)	0.01	Param Inter
Chromium (mg/L)	n/a	0.0154	n/a	n/a	28	SFLMW-6,SFLMW-1S[R]-Cont	0.06198	0.02462	25	Kapla...	sqrt(x)	0.01	Param Inter
Cobalt (mg/L)	n/a	0.293	n/a	n/a	32	SFLMW-6,SFLMW-1S[R]-Cont	n/a	n/a	0	n/a	n/a	0.0303	NP Inter (normality)
Fluoride (mg/L)	n/a	2.56	n/a	n/a	30	SFLMW-6,SFLMW-1S[R]-Cont	-0.1846	0.4491	26.67	Kapla...	ln(x)	0.01	Param Inter
Lead (mg/L)	n/a	0.0173	n/a	n/a	31	SFLMW-1S[R]-Cont,SFLMW-6	n/a	n/a	25.81	n/a	n/a	0.03125	NP Inter (normality)
Lithium (mg/L)	n/a	1.39	n/a	n/a	31	SFLMW-6,SFLMW-1S[R]-Cont	0.6569	0.2935	0	None	No	0.01	Param Inter
Mercury (mg/L)	n/a	0.000222	n/a	n/a	31	SFLMW-6,SFLMW-1S[R]-Cont	n/a	n/a	87.1	n/a	n/a	0.03125	NP Inter (NDs)
Molybdenum (mg/L)	n/a	0.000255	n/a	n/a	29	SFLMW-6,SFLMW-1S[R]-Cont	n/a	n/a	100	n/a	n/a	0.03333	NP Inter (NDs)
pH (S.U.)	n/a	5.48	3.43	n/a	31	SFLMW-6,SFLMW-1S[R]-Cont	n/a	n/a	0	n/a	n/a	0.0625	NP Inter (normality)
Radium 226 + 228 (pCi/L)	n/a	26.9	n/a	n/a	30	SFLMW-6,SFLMW-1S[R]-Cont	10.38	6.607	0	None	No	0.01	Param Inter
Selenium (mg/L)	n/a	0.171	n/a	n/a	27	SFLMW-1S[R]-Cont,SFLMW-6	n/a	n/a	44.44	n/a	n/a	0.03571	NP Inter (normality)
Sulfate (mg/L)	n/a	2960	n/a	n/a	30	SFLMW-6,SFLMW-1S[R]-Cont	2223	295.4	0	None	No	0.01	Param Inter
TDS (mg/L)	n/a	15800	n/a	n/a	30	SFLMW-6,SFLMW-1S[R]-Cont	8932	2757	0	None	No	0.01	Param Inter
Thallium (mg/L)	n/a	0.0113	n/a	n/a	31	SFLMW-6,SFLMW-1S[R]-Cont	-5.408	0.3704	0	None	ln(x)	0.01	Param Inter

SFL CCR Unit - Deeper

Prediction Limit

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 1:27 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.00184	n/a	n/a	19	MNW-18	n/a	n/a	84.21	n/a	n/a	0.05	NP Inter (NDs)
Arsenic (mg/L)	n/a	0.00282	n/a	n/a	19	MNW-18	n/a	n/a	52.63	n/a	n/a	0.05	NP Inter (NDs)
Barium (mg/L)	n/a	0.0600	n/a	n/a	20	MNW-18	n/a	n/a	10	n/a	n/a	0.04762	NP Inter (normality)
Beryllium (mg/L)	n/a	0.000271	n/a	n/a	22	MNW-18	n/a	n/a	95.45	n/a	n/a	0.04348	NP Inter (NDs)
Boron (mg/L)	n/a	0.583	n/a	n/a	19	MNW-18	0.3913	0.07314	0	None	No	0.01	Param Inter
Cadmium (mg/L)	n/a	0.000240	n/a	n/a	22	MNW-18	n/a	n/a	100	n/a	n/a	0.04348	NP Inter (NDs)
Calcium (mg/L)	n/a	589	n/a	n/a	20	MNW-18	295.6	112.8	0	None	No	0.01	Param Inter
Chloride (mg/L)	n/a	774	n/a	n/a	21	MNW-18	413.7	139.2	0	None	No	0.01	Param Inter
Chromium (mg/L)	n/a	0.00617	n/a	n/a	21	MNW-18	n/a	n/a	85.71	n/a	n/a	0.04545	NP Inter (NDs)
Cobalt (mg/L)	n/a	0.00226	n/a	n/a	23	MNW-18	n/a	n/a	82.61	n/a	n/a	0.04167	NP Inter (NDs)
Fluoride (mg/L)	n/a	1.00	n/a	n/a	21	MNW-18	n/a	n/a	23.81	n/a	n/a	0.04545	NP Inter (normality)
Lead (mg/L)	n/a	0.0100	n/a	n/a	24	MNW-18	n/a	n/a	87.5	n/a	n/a	0.04	NP Inter (NDs)
Lithium (mg/L)	n/a	0.599	n/a	n/a	21	MNW-18	0.3495	0.09649	0	None	No	0.01	Param Inter
Mercury (mg/L)	n/a	0.0000706	n/a	n/a	24	MNW-18	n/a	n/a	100	n/a	n/a	0.04	NP Inter (NDs)
Molybdenum (mg/L)	n/a	0.000255	n/a	n/a	19	MNW-18	n/a	n/a	100	n/a	n/a	0.05	NP Inter (NDs)
pH (S.U.)	n/a	7.74	6.06	n/a	23	MNW-18	6.897	0.2911	0	None	No	0.005	Param Inter
Radium 226 + 228 (pCi/L)	n/a	9.46	n/a	n/a	23	MNW-18	3.615	2.282	8.696	None	No	0.01	Param Inter
Selenium (mg/L)	n/a	0.0100	n/a	n/a	21	MNW-18	n/a	n/a	95.24	n/a	n/a	0.04545	NP Inter (NDs)
Sulfate (mg/L)	n/a	2840	n/a	n/a	21	MNW-18	1457	533.7	0	None	No	0.01	Param Inter
TDS (mg/L)	n/a	5380	n/a	n/a	22	MNW-18	2924	954.9	0	None	No	0.01	Param Inter
Thallium (mg/L)	n/a	0.00200	n/a	n/a	23	MNW-18	n/a	n/a	95.65	n/a	n/a	0.04167	NP Inter (NDs)

SSP/APs CCR Units - Shallow

Prediction Limit

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 1:26 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.000897	n/a	n/a	23	APPZ-1,SSPMW-6S,SSPMW-5S	n/a	n/a	95.65	n/a	n/a	0.04167	NP Inter (NDs)
Arsenic (mg/L)	n/a	0.0127	n/a	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	0.06221	0.01972	12.5	None	sqrt(x)	0.01	Param Inter
Barium (mg/L)	n/a	0.0371	n/a	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	0.0236	0.005308	0	None	No	0.01	Param Inter
Beryllium (mg/L)	n/a	0.0774	n/a	n/a	24	SSPMW-5S,APPZ-1,SSPMW-6S	n/a	n/a	0	n/a	n/a	0.04	NP Inter (normality)
Boron (mg/L)	n/a	0.516	n/a	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	0.3121	0.07973	0	None	No	0.01	Param Inter
Cadmium (mg/L)	n/a	0.0144	n/a	n/a	23	SSPMW-6S,SSPMW-5S,APPZ-1	n/a	n/a	39.13	n/a	n/a	0.04167	NP Inter (normality)
Calcium (mg/L)	n/a	1330	n/a	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	707.8	245.7	0	None	No	0.01	Param Inter
Chloride (mg/L)	n/a	3070	n/a	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	2073	391.5	0	None	No	0.01	Param Inter
Chromium (mg/L)	n/a	0.000622	n/a	n/a	24	APPZ-1,SSPMW-6S,SSPMW-5S	n/a	n/a	91.67	n/a	n/a	0.04	NP Inter (NDs)
Cobalt (mg/L)	n/a	0.0675	n/a	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	0.03077	0.01442	0	None	No	0.01	Param Inter
Fluoride (mg/L)	n/a	1.18	n/a	n/a	24	APPZ-1,SSPMW-6S,SSPMW-5S	n/a	n/a	66.67	n/a	n/a	0.04	NP Inter (NDs)
Lead (mg/L)	n/a	0.000674	n/a	n/a	24	APPZ-1,SSPMW-6S,SSPMW-5S	n/a	n/a	79.17	n/a	n/a	0.04	NP Inter (NDs)
Lithium (mg/L)	n/a	1.18	n/a	n/a	23	APPZ-1,SSPMW-5S,SSPMW-6S	0.5464	0.2463	0	None	No	0.01	Param Inter
Mercury (mg/L)	n/a	0.0000706	n/a	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	n/a	n/a	100	n/a	n/a	0.04	NP Inter (NDs)
Molybdenum (mg/L)	n/a	0.000589	n/a	n/a	24	SSPMW-5S,SSPMW-6S,APPZ-1	n/a	n/a	50	n/a	n/a	0.04	NP Inter (normality)
pH (S.U.)	n/a	5.6	4.43	n/a	24	APPZ-1,SSPMW-5S,SSPMW-6S	5.017	0.2053	0	None	No	0.005	Param Inter
Radium 226 + 228 (pCi/L)	n/a	11.9	n/a	n/a	24	SSPMW-6S,SSPMW-5S,APPZ-1	n/a	n/a	0	n/a	n/a	0.04	NP Inter (normality)
Selenium (mg/L)	n/a	0.00348	n/a	n/a	21	APPZ-1,SSPMW-6S,SSPMW-5S	n/a	n/a	95.24	n/a	n/a	0.04545	NP Inter (NDs)
Sulfate (mg/L)	n/a	3050	n/a	n/a	24	SSPMW-5S,APPZ-1,SSPMW-6S	n/a	n/a	0	n/a	n/a	0.04	NP Inter (normality)
TDS (mg/L)	n/a	7960	n/a	n/a	23	APPZ-1,SSPMW-5S,SSPMW-6S	5737	865.8	0	None	No	0.01	Param Inter
Thallium (mg/L)	n/a	0.00216	n/a	n/a	24	SSPMW-6S,APPZ-1,SSPMW-5S	n/a	n/a	50	n/a	n/a	0.04	NP Inter (normality)

SSP/APs CCR Units - Deeper

Prediction Limit

Gibbons Creek Steam Electric Station Client: HDR Data: Gibbons Creek_Groundwater Database Printed 5/16/2026, 1:25 PM

Constituent	Well	Upper Lim.	Lower Lim.	Date	Bg N	Bg Wells	Bg Mean	Std. Dev.	%NDs	ND Adj.	Transform	Alpha	Method
Antimony (mg/L)	n/a	0.000750	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	100	n/a	n/a	0.05882	NP Inter (NDs)
Arsenic (mg/L)	n/a	0.00156	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	68.75	n/a	n/a	0.05882	NP Inter (NDs)
Barium (mg/L)	n/a	0.0555	n/a	n/a	16	SSPMW-6D,SSPMW-5D	0.00169	0.0005177	0	None	x^2	0.01	Param Inter
Beryllium (mg/L)	n/a	0.000271	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	100	n/a	n/a	0.05882	NP Inter (NDs)
Boron (mg/L)	n/a	0.663	n/a	n/a	16	SSPMW-6D,SSPMW-5D	0.5217	0.05261	0	None	No	0.01	Param Inter
Cadmium (mg/L)	n/a	0.000240	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	100	n/a	n/a	0.05882	NP Inter (NDs)
Calcium (mg/L)	n/a	462	n/a	n/a	16	SSPMW-5D,SSPMW-6D	n/a	n/a	0	n/a	n/a	0.05882	NP Inter (normality)
Chloride (mg/L)	n/a	1710	n/a	n/a	16	SSPMW-6D,SSPMW-5D	1404	114.2	0	None	No	0.01	Param Inter
Chromium (mg/L)	n/a	0.00112	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	62.5	n/a	n/a	0.05882	NP Inter (NDs)
Cobalt (mg/L)	n/a	0.000585	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	81.25	n/a	n/a	0.05882	NP Inter (NDs)
Fluoride (mg/L)	n/a	0.542	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	75	n/a	n/a	0.05882	NP Inter (NDs)
Lead (mg/L)	n/a	0.00128	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	81.25	n/a	n/a	0.05882	NP Inter (NDs)
Lithium (mg/L)	n/a	0.592	n/a	n/a	16	SSPMW-6D,SSPMW-5D	0.3206	0.1012	0	None	No	0.01	Param Inter
Mercury (mg/L)	n/a	0.0000706	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	100	n/a	n/a	0.05882	NP Inter (NDs)
Molybdenum (mg/L)	n/a	0.00126	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	56.25	n/a	n/a	0.05882	NP Inter (NDs)
pH (S.U.)	n/a	6.93	6.28	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	0	n/a	n/a	0.1176	NP Inter (normality)
Radium 226 + 228 (pCi/L)	n/a	5.41	n/a	n/a	15	SSPMW-6D,SSPMW-5D	3.159	0.8314	0	None	No	0.01	Param Inter
Selenium (mg/L)	n/a	0.00101	n/a	n/a	15	SSPMW-6D,SSPMW-5D	n/a	n/a	93.33	n/a	n/a	0.0625	NP Inter (NDs)
Sulfate (mg/L)	n/a	1250	n/a	n/a	16	SSPMW-5D,SSPMW-6D	n/a	n/a	0	n/a	n/a	0.05882	NP Inter (normality)
TDS (mg/L)	n/a	5550	n/a	n/a	16	SSPMW-6D,SSPMW-5D	3629	716.7	0	None	No	0.01	Param Inter
Thallium (mg/L)	n/a	0.000415	n/a	n/a	16	SSPMW-6D,SSPMW-5D	n/a	n/a	100	n/a	n/a	0.05882	NP Inter (NDs)

Table G-1
Former and Proposed BTVs
Background Monitoring Update
Gibbons Creek Steam Electric Station

Constituent	Units	Former BTV[2]	Proposed BTV[3]	% Change in BTV (Former to Proposed)	Observations and Notes of Changes >50%
SFL CCR Unit - Shallow - Appendix III Constituents					
Boron	mg/L	0.62	0.621	0%	
Calcium	mg/L	1,510	1,510	0%	
Chloride	mg/L	4,070	9,200	126%	Concentrations increased since 2023 at monitoring well SFL MW-6.
Fluoride[1]	mg/L	1.16	2.56	121%	Elevated fluoride concentrations in samples from monitoring well SFL MW-1S-Contingency.
pH[4]	SU	3.5-4.46	3.43-5.48	-2% / 23%	
Sulfate	mg/L	2,890	2,960	2%	
TDS	mg/L	14,400	15,800	10%	
SFL CCR Unit - Shallow - Appendix IV Constituents					
Antimony	mg/L	0.00108	0.00108	0%	
Arsenic	mg/L	0.0431	0.0485	13%	
Barium	mg/L	0.0826	0.0803	-3%	
Beryllium	mg/L	0.0933	0.116	24%	
Cadmium	mg/L	0.0144	0.0462	221%	Elevated cadmium concentrations in samples from monitoring well SFL MW-1S-Contingency.
Chromium	mg/L	0.011	0.0154	40%	
Cobalt	mg/L	0.136	0.293	115%	Elevated cobalt concentrations in samples from monitoring well SFL MW-1S-Contingency.
Lead	mg/L	0.0171	0.0173	1%	
Lithium	mg/L	1.34	1.39	4%	
Mercury	mg/L	0.00158	0.000222	-86%	The 0.00158 mg/L concentration at monitoring well SFL MW-6 was identified as an outlier.
Molybdenum	mg/L	0.00061	0.000255	-58%	The 0.000610 mg/L concentration was an elevated reporting limit at monitoring well SFL MW-6. Reporting limits have been limited to recent values which are lower than historical values.
Radium 226+228	pCi/L	32.6	26.9	-17%	
Selenium	mg/L	0.0525	0.171	226%	Concentrations increased since 2023 at monitoring well SFL MW-6.
Thallium	mg/L	0.00552	0.0113	105%	Elevated thallium concentrations in samples from monitoring well SFL MW-1S-Contingency.

Table G-1
Former and Proposed BTVs
Background Monitoring Update
Gibbons Creek Steam Electric Station

Constituent	Units	Former BTV[2]	Proposed BTV[3]	% Change in BTV (Former to Proposed)	Observations and Notes of Changes >50%
SFL CCR Unit - Deeper - Appendix III Constituents					
Boron	mg/L	0.598	0.583	-3%	
Calcium	mg/L	538	589	9%	
Chloride	mg/L	650	774	19%	
Fluoride[1]	mg/L	0.25	1.00	300%	Recent elevated reporting limits at MNW-18 have shifted the BTV higher.
pH[4]	SU	6.01-7.67	6.06-7.74	1% / 1%	
Sulfate	mg/L	2,980	2,840	-5%	
TDS	mg/L	4,920	5,380	9%	
SFL CCR Unit - Deeper - Appendix IV Constituents					
Antimony	mg/L	0.002	0.00184	-8%	
Arsenic	mg/L	0.00282	0.00282	0%	
Barium	mg/L	0.06	0.06	0%	
Beryllium	mg/L	0.000274	0.000271	-1%	
Cadmium	mg/L	0.000217	0.000240	11%	
Chromium	mg/L	0.00617	0.00617	0%	
Cobalt	mg/L	0.00226	0.00226	0%	
Lead	mg/L	0.01	0.01	0%	
Lithium	mg/L	0.543	0.599	10%	
Mercury	mg/L	0.00013	0.0000706	-46%	
Molybdenum	mg/L	0.00061	0.000255	-58%	The 0.000610 mg/L concentration was an elevated reporting limit at monitoring well MNW-18. Reporting limits have been limited to recent values which are lower than historical values.
Radium 226+228	pCi/L	9.82	9.46	-4%	
Selenium	mg/L	0.01	0.01	0%	
Thallium	mg/L	0.002	0.002	0%	

Table G-1
Former and Proposed BTVs
Background Monitoring Update
Gibbons Creek Steam Electric Station

Constituent	Units	Former BTV[2]	Proposed BTV[3]	% Change in BTV (Former to Proposed)	Observations and Notes of Changes >50%
SSP/APs CCR Unit - Shallow - Appendix III Constituents					
Boron	mg/L	1.41	0.516	-63%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Calcium	mg/L	745	1,330	79%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Chloride	mg/L	1,750	3,070	75%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Fluoride[1]	mg/L	0.5	1.18	136%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
pH[4]	SU	5.25-6.32	4.43-5.6	-16% / -11%	
Sulfate	mg/L	3,300	3,050	-8%	
TDS	mg/L	8,340	7,960	-5%	
SSP/APs CCR Unit - Shallow - Appendix IV Constituents					
Antimony	mg/L	0.00157	0.000897	-43%	
Arsenic	mg/L	0.01	0.0127	27%	
Barium	mg/L	0.19	0.0371	-80%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Beryllium	mg/L	0.002	0.0774	3770%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Cadmium	mg/L	0.000217	0.0144	6536%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Chromium	mg/L	0.00248	0.000622	-75%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Cobalt	mg/L	0.00174	0.0675	3779%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Lead	mg/L	0.0106	0.000674	-94%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Lithium	mg/L	1.69	1.18	-30%	
Mercury	mg/L	0.00013	0.0000706	-46%	
Molybdenum	mg/L	0.00199	0.000589	-70%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Radium 226+228	pCi/L	3.9	11.9	205%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Selenium	mg/L	0.000739	0.00348	371%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Thallium	mg/L	0.000472	0.00216	358%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.

Table G-1
Former and Proposed BTVs
Background Monitoring Update
Gibbons Creek Steam Electric Station

Constituent	Units	Former BTV[2]	Proposed BTV[3]	% Change in BTV (Former to Proposed)	Observations and Notes of Changes >50%
SSP/APs CCR Unit - Deeper - Appendix III Constituents					
Boron	mg/L	1.41	0.663	-53%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Calcium	mg/L	745	462	-38%	
Chloride	mg/L	1,750	1,710	-2%	
Fluoride[1]	mg/L	0.5	0.542	8%	
pH[4]	SU	5.25-6.32	6.28-6.93	20% / 10%	
Sulfate	mg/L	3,300	1,250	-62%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
TDS	mg/L	8,340	5,550	-33%	
SSP/APs CCR Unit - Deeper - Appendix IV Constituents					
Antimony	mg/L	0.00157	0.00075	-52%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Arsenic	mg/L	0.01	0.00156	-84%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Barium	mg/L	0.19	0.0555	-71%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Beryllium	mg/L	0.002	0.000271	-86%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Cadmium	mg/L	0.000217	0.00024	11%	
Chromium	mg/L	0.00248	0.00112	-55%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Cobalt	mg/L	0.00174	0.000585	-66%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Lead	mg/L	0.0106	0.00128	-88%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Lithium	mg/L	1.69	0.592	-65%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.
Mercury	mg/L	0.00013	0.0000706	-46%	
Molybdenum	mg/L	0.00199	0.00126	-37%	
Radium 226+228	pCi/L	3.9	5.41	39%	
Selenium	mg/L	0.000739	0.00101	37%	
Thallium	mg/L	0.000472	0.00415	779%	Historical Background/Upgradient monitoring well SSP/AP-1 is no longer used in development of BTVs for this monitoring network. Differences likely the result of new background monitoring points.

Notes:
BTV - Background Threshold Value.
mg/L - milligrams per liter.
pCi/L - picocuries per liter.
SU - standard units.

Comments:
1. Under the Federal CCR Rule, fluoride is listed as both an Appendix III and Appendix IV constituent. For reporting purposes, fluoride concentrations are only listed under the Appendix III section of the table.
2. The former BTVs, which were established in June 2023, are based on the former monitoring network in effect prior to the first semiannual compliance sampling event in 2026. Prior to the establishment of the current certified monitoring networks for the CCR units, BTVs for each CCR network was based on the sample populations from the following Background/Upgradient monitoring wells:
   - SFL CCR Unit - Shallow: SFL MW-6
   - SFL CCR Unit - Deeper: MNW-18
   - SSP/APs CCR Units - Shallow & Deeper: SSP/AP MW-1
3. The proposed BTV is based on the current certified monitoring networks for the CCR units. BTVs for each CCR network is based on the sample populations from the following Background/Upgradient monitoring wells:
   - SFL CCR Unit - Shallow: SFL MW-1S - Contingency; SFL MW-6
   - SFL CCR Unit - Deeper: MNW-18
   - SSP/APs CCR Unit - Shallow: SSP MW-5S; SSP MW-6S; AP PZ-1
   - SSP/APs CCR Unit - Deeper: SSP MW-5D; SSP MW-6D
4. For pH, the BTVs include both a lower bound (lower prediction limit) and upper bound (upper prediction limit). The percentage change is noted for both the lower bound and upper bound when comparing the proposed BTV to the former BTV.