

December 21, 2022

Selah School District
Attn: Frank Reno, Director of Facilities and Maintenance
316 West Naches Avenue
Selah, Washington 98942

RE: 2022 – Drinking Water Sampling
Lince Early Learning Center, Selah, Washington

Dear Frank:

On Wednesday, December 7, 2022, Fulcrum Environmental Consulting, Inc. (Fulcrum) collected 26 drinking water samples for lead and copper analysis from the Lince Early Learning Center (ELC) located at 208 South 3rd Street in Selah, Washington. The ELC building was recently updated and is being used primarily for pre-k students.

Summary

The ELC building was renovated in 2022 for use as the District programs for pre-k students. Under Washington Administration Code (WAC) WAC 110-300-0235, buildings housing pre-k students require testing of drinking water for lead and copper. Testing is to be completed prior to first use and at least once every six years thereafter. Fulcrum collected first draw water samples from drinking water fixtures for laboratory analysis. The action level applicable to the early learning center is 15 micrograms per liter (µg/L). Comparably, the applicable action level for K-12 schools is 5 µg/L as provided by WAC-246-366A.

Laboratory analysis found the following sample concentrations to be above the lead action levels of 15 µg/L or the copper action level of 1,300 µg/L:

- 12722-01: Room 114, North, Faucet – Lead: 17.3 µg/L
- 12722-07: Room 106, North, Faucet – Lead: 24.5 µg/L
- 12722-13: Room 102, North, Faucet – Lead: 10 µg/L, Copper: 1,540 µg/L

Consistent with current regulations, the following actions should be taken within twenty-four hours:

- Consult with department of health for technical assistance
- Close the early learning program to prevent children from using or consuming water; or supply bottled or packaged water
- Notify all parents and guardians of enrolled children of the test results
- Notify the department of the water test results and steps take to protect the enrolled children
- Notify the department once lead and copper levels are below the current EPA action level

Re-sampling should occur at least every six years (before December 2028). See Figure 1 in Attachment A

for fixture locations. See Attachment B for an Analytical Results Summary table. See Attachment C for photographs of the fixtures with elevated levels of lead or copper.

Sampling Methodology

Guidance documents for drinking water sampling are available from the Washington State Department of Health (DOH) and the U.S. Environmental Protection Agency (EPA) and were used to develop the sampling scheme for this project. For initial evaluation purposes, Fulcrum collected “first draw” samples. This “first draw” water volume consists of 250 milliliters (mL) and is intended to represent the water quality in the fixture, tubing connecting the fixture to the building piping, and potentially a portion of the building piping. If lead and copper are present, this first-draw sample typically contains the highest lead and copper levels.

The fixtures were not flushed before sample collection. Fulcrum is unable to determine when or if a particular fixture was last used. As a quality control measure, Fulcrum also included a laboratory blank of distilled water. Blank sample results are included in the results tables for reference.

Sampling Activity

Sample collection occurred prior to the start of the school day. Each sample consisted of the first draw collected into a 250-milileter (mL) unpreserved polyethylene bottle. Sample bottles were uniquely labeled.

Samples collected from the sampling event were shipped by common carrier under chain of custody to Fremont Analytical Laboratory (Fremont) (Ecology Lab ID: C910-22a) in Seattle, Washington for analysis. Upon receipt, Fremont assigned work order no 2212167 to the samples.

Analytical Results

Samples from initial sampling events were analyzed for lead and copper in drinking water by Environmental Protection Agency (EPA) Method 200.8.

Sample locations from the sampling event are summarized in Figure 1 in Attachment A of this letter. Analytical results are summarized in Table 1 located in Attachment B of this letter. Laboratory analytical results from the sampling event are located in Attachment D of this letter.

Discussion

Analytical results identified the following samples to have a lead or copper concentration above the EPA action level of 15 µg/L or 1,300 µg/L:

- 12722-01: Room 114, North, Faucet – Lead: 17.3 µg/L
- 12722-07: Room 106, North, Faucet – Lead: 24.5 µg/L
- 12722-13: Room 102, North, Faucet – Copper: 1,540 µg/L

In addition, four samples were found with a lead concentration greater than 5 µg/L:

- 12722-04: Room 112, South, Faucet – Lead: 5.62 µg/L
- 12722-08: Room 106, South, Faucet – Lead: 5.3 µg/L
- 12722-09: Mechanical Room Hallway, Drinking Fountain – Lead: 7.4 µg/L
- 12722-13: Room 102, North, Faucet – Lead: 10 µg/L

Recommendations

Two samples were found to contain lead above the EPA action level. One sample was found to contain copper concentrations above the EPA action level. Four samples were found to contain lead above 5 µg/L. Consistent with current regulations, the following actions should be taken within twenty-four hours:

- Consult with department of health for technical assistance
- Close the early learning program to prevent children from using or consuming water; or supply bottled or packaged water
- Notify all parents and guardians of enrolled children of the test results
- Notify the department of the water test results and steps take to protect the enrolled children
- Notify the department once lead and copper levels are below the current EPA action level
- Complete sampling following fixture replacement

Additionally, Fulcrum recommends that the Selah School District complete re-sampling of the building within the next six years (before December 2028).

If you have any questions, please feel free to contact me at 509.574.0839.

Sincerely,



Nick Gulling
Sr. Environmental Technician

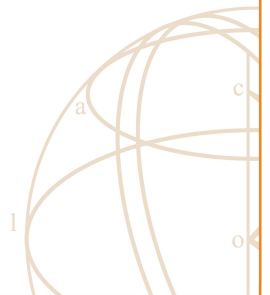


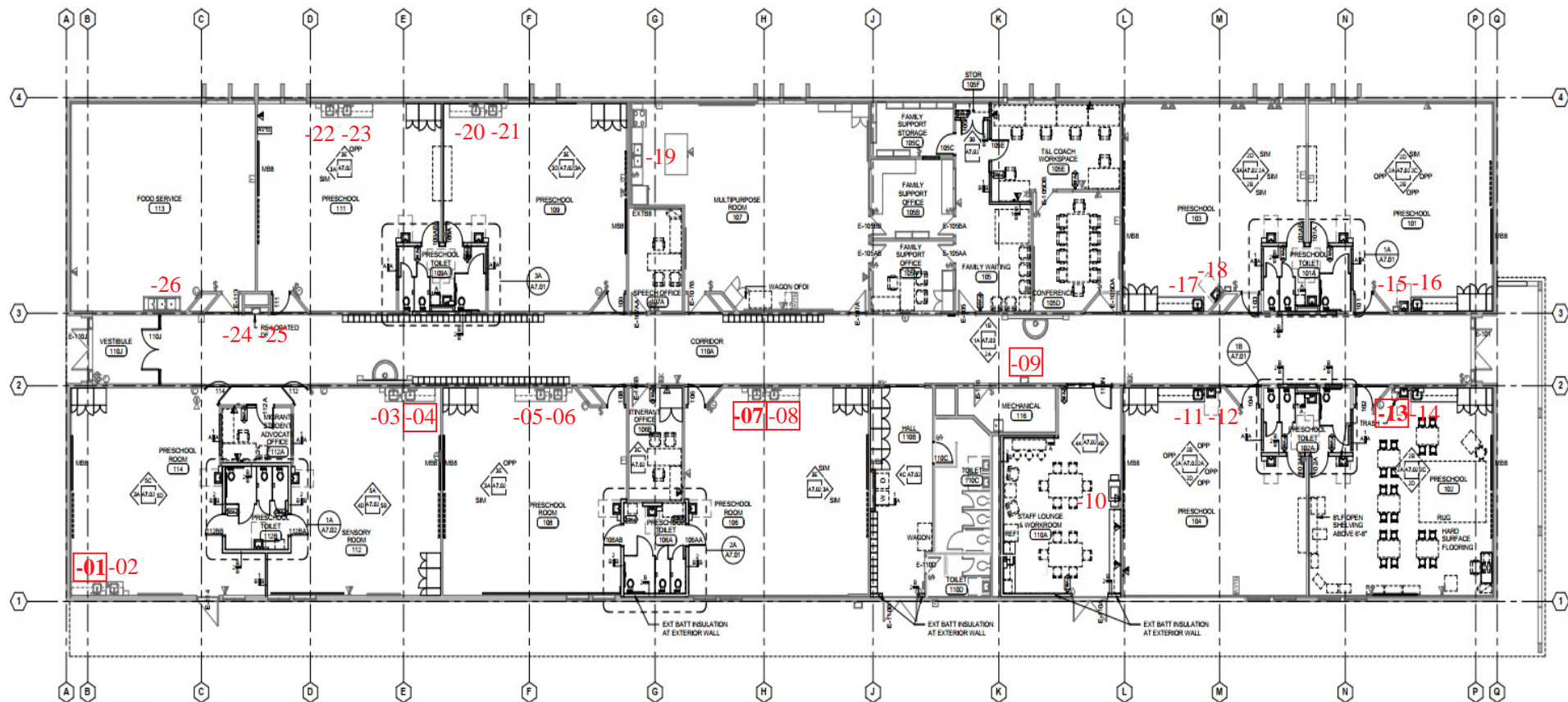
Ryan K. Mathews, CIH, CHMM
Principal



Attachment A

Figure 1: Sample Location Map





FLOOR PLAN
Scale: 1/8" = 1'-0"

AZC

XX : Fixture location exceeds 15 µg/L
XX : Fixture location exceeds 5 µg/L

Attachment B

Table 1: Analytical Results Summary

Table 1: Analytical Results Summary

| Sample Identification and Location | Fixture Type | Lead Results (µg/L) | Copper Results (µg/L) |
|--|-----------------------|---------------------|-----------------------|
| 12722-01: Room 114, North | Classroom Faucet | 17.3 | 122 |
| 12722-02: Room 114, South | Classroom Faucet | 4.03 | 314 |
| 12722-03: Room 112, North | Classroom Faucet | 4.53 | 444 |
| 12722-04: Room 112, South | Classroom Faucet | 5.62 | 156 |
| 12722-05: Room 108, North | Classroom Faucet | 3.91 | 168 |
| 12722-06: Room 108, South | Classroom Faucet | 3.95 | 172 |
| 12722-07: Room 106, North | Classroom Faucet | 24.5 | 125 |
| 12722-08: Room 106, South | Classroom Faucet | 5.3 | 186 |
| 12722-09: Mechanical Room Hallway | Drinking Fountain | 7.4 | 58.2 |
| 12722-10: Room 110A, Staff Lounge | Staff Lounge Faucet | <1.0 | 635 |
| 12722-11: Room 104, North | Classroom Faucet | 1.96 | 650 |
| 12722-12: Room 104, South | Classroom Faucet | <1.0 | 839 |
| 12722-13: Room 102, North | Classroom Faucet | <i>10</i> | 1,540 |
| 12722-14: Room 102, South | Classroom Faucet | 2.97 | 45.7 |
| 12722-15: Room 101, North | Classroom Faucet | 1.12 | 781 |
| 12722-16: Room 101, South | Classroom Faucet | <1.0 | 520 |
| 12722-17: Room 103, North | Classroom Faucet | <1.0 | 382 |
| 12722-18: Room 103, South | Classroom Faucet | <1.0 | 725 |
| 12722-19: Room 107A | Classroom Faucet | 4.68 | 232 |
| 12722-20: Room 109, North | Classroom Faucet | 4.57 | 216 |
| 12722-21: Room 109, South | Classroom Faucet | 3.37 | 247 |
| 12722-22: Room 111, North | Classroom Faucet | 3.21 | 330 |
| 12722-23: Room 111, South | Classroom Faucet | 3.98 | 198 |
| 12722-24: Hallway between Room 111/113 | Drinking Fountain | <1.0 | <2.50 |
| 12722-25: Hallway between Room 111/113 | Bottle Fill Station | <1.0 | <2.50 |
| 12722-26: Room 113 | Food Service Sink | 2.85 | 479 |
| 12722-27: Room 114, North | Distilled Water Blank | <1.0 | <2.50 |
| EPA Action Level | | 15 | 1,300 |

µg/L means microgram per liter or parts per billion (ppb).

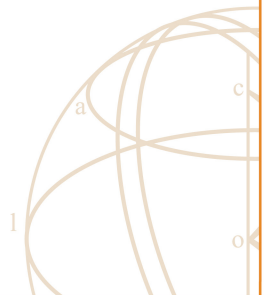
Action levels based on the U.S. EPA's Lead and Copper Rule.

Results indicated in **bold** indicate concentrations above the action levels of 15 µg/L for lead and 1,300 µg/L for copper.

Results indicated in *italics* have lead concentrations above 5 µg/L.

Attachment C

Site Photographs





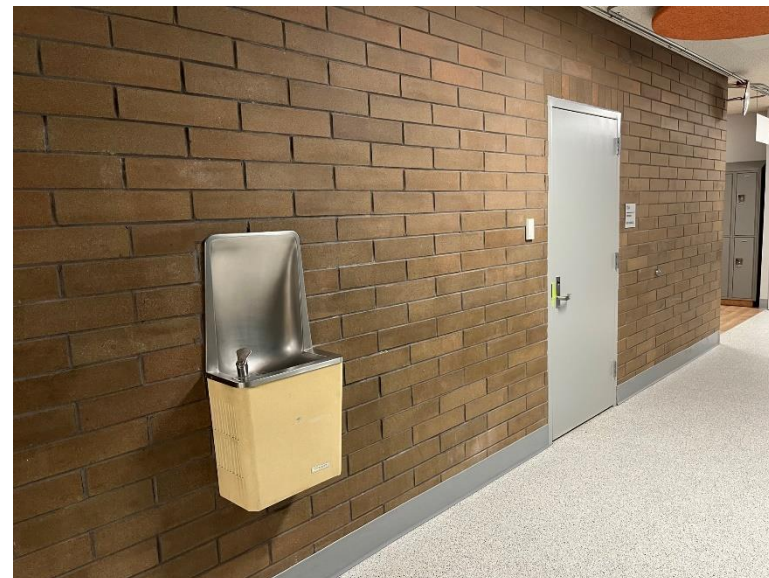
The faucet to the right, located in Room 114, was identified with lead levels above the action level of 15 $\mu\text{g/L}$.



The faucet to the right, located in Room 112, was identified with lead levels above 5 $\mu\text{g/L}$.



The right faucet located in Room 106 was identified with lead above the action level of 15 $\mu\text{g/L}$. The left fixture exceeded 5 $\mu\text{g/L}$.



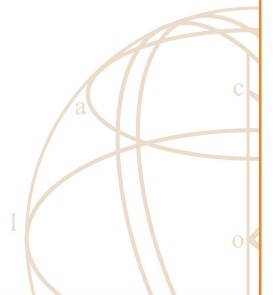
The drinking fountain, located outside of the mechanical room, was identified with lead levels above 5 $\mu\text{g/L}$.



The fixture to the left, located in Room 102, was identified with lead levels above 5 $\mu\text{g/L}$ and copper levels above 1,300 $\mu\text{g/L}$.

Attachment D

Analytical Results





Fremont
Analytical

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Fulcrum Environmental

Ryan Mathews
406 N. 2nd Street
Yakima, WA 98901

RE: Selah SD-ELC-Drinking Water
Work Order Number: 2212167

December 15, 2022

Attention Ryan Mathews:

Fremont Analytical, Inc. received 27 sample(s) on 12/8/2022 for the analyses presented in the following report.

Drinking Water Metals by EPA Method 200.8

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Brianna Barnes
Project Manager

CC:
Nick Gulling

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.3 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910

Original

www.fremontanalytical.com

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water
Work Order: 2212167

Work Order Sample Summary

| Lab Sample ID | Client Sample ID | Date/Time Collected | Date/Time Received |
|---------------|------------------|---------------------|---------------------|
| 2212167-001 | 12722-01 | 12/07/2022 7:21 AM | 12/08/2022 10:45 AM |
| 2212167-002 | 12722-02 | 12/07/2022 7:21 AM | 12/08/2022 10:45 AM |
| 2212167-003 | 12722-03 | 12/07/2022 7:24 AM | 12/08/2022 10:45 AM |
| 2212167-004 | 12722-04 | 12/07/2022 7:25 AM | 12/08/2022 10:45 AM |
| 2212167-005 | 12722-05 | 12/07/2022 7:31 AM | 12/08/2022 10:45 AM |
| 2212167-006 | 12722-06 | 12/07/2022 7:31 AM | 12/08/2022 10:45 AM |
| 2212167-007 | 12722-07 | 12/07/2022 7:34 AM | 12/08/2022 10:45 AM |
| 2212167-008 | 12722-08 | 12/07/2022 7:34 AM | 12/08/2022 10:45 AM |
| 2212167-009 | 12722-09 | 12/07/2022 7:37 AM | 12/08/2022 10:45 AM |
| 2212167-010 | 12722-10 | 12/07/2022 7:40 AM | 12/08/2022 10:45 AM |
| 2212167-011 | 12722-11 | 12/07/2022 7:44 AM | 12/08/2022 10:45 AM |
| 2212167-012 | 12722-12 | 12/07/2022 7:44 AM | 12/08/2022 10:45 AM |
| 2212167-013 | 12722-13 | 12/07/2022 7:48 AM | 12/08/2022 10:45 AM |
| 2212167-014 | 12722-14 | 12/07/2022 7:48 AM | 12/08/2022 10:45 AM |
| 2212167-015 | 12722-15 | 12/07/2022 7:51 AM | 12/08/2022 10:45 AM |
| 2212167-016 | 12722-16 | 12/07/2022 7:51 AM | 12/08/2022 10:45 AM |
| 2212167-017 | 12722-17 | 12/07/2022 7:54 AM | 12/08/2022 10:45 AM |
| 2212167-018 | 12722-18 | 12/07/2022 7:54 AM | 12/08/2022 10:45 AM |
| 2212167-019 | 12722-19 | 12/07/2022 7:58 AM | 12/08/2022 10:45 AM |
| 2212167-020 | 12722-20 | 12/07/2022 8:02 AM | 12/08/2022 10:45 AM |
| 2212167-021 | 12722-21 | 12/07/2022 8:02 AM | 12/08/2022 10:45 AM |
| 2212167-022 | 12722-22 | 12/07/2022 8:05 AM | 12/08/2022 10:45 AM |
| 2212167-023 | 12722-23 | 12/07/2022 8:05 AM | 12/08/2022 10:45 AM |
| 2212167-024 | 12722-24 | 12/07/2022 8:09 AM | 12/08/2022 10:45 AM |
| 2212167-025 | 12722-25 | 12/07/2022 8:09 AM | 12/08/2022 10:45 AM |
| 2212167-026 | 12722-26 | 12/07/2022 8:12 AM | 12/08/2022 10:45 AM |
| 2212167-027 | 12722-27 | | 12/08/2022 10:45 AM |

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Prep Comments:

Prep Comments for EPA200.8, Sample 2212167-001A: Turbidity: 0.33 NTU
Prep Comments for EPA200.8, Sample 2212167-002A: Turbidity: 0.16 NTU
Prep Comments for EPA200.8, Sample 2212167-003A: Turbidity: 0.26 NTU
Prep Comments for EPA200.8, Sample 2212167-004A: Turbidity: 0.10 NTU
Prep Comments for EPA200.8, Sample 2212167-005A: Turbidity: 0.12 NTU
Prep Comments for EPA200.8, Sample 2212167-006A: Turbidity: 0.08 NTU
Prep Comments for EPA200.8, Sample 2212167-007A: Turbidity: 0.90 NTU
Prep Comments for EPA200.8, Sample 2212167-008A: Turbidity: 0.16 NTU
Prep Comments for EPA200.8, Sample 2212167-009A: Turbidity: 0.08 NTU
Prep Comments for EPA200.8, Sample 2212167-010A: Turbidity: 0.10 NTU
Prep Comments for EPA200.8, Sample 2212167-011A: Turbidity: 0.22 NTU
Prep Comments for EPA200.8, Sample 2212167-012A: Turbidity: 0.07 NTU
Prep Comments for EPA200.8, Sample 2212167-013A: Turbidity: 0.68 NTU
Prep Comments for EPA200.8, Sample 2212167-014A: Turbidity: 0.68 NTU
Prep Comments for EPA200.8, Sample 2212167-015A: Turbidity: 0.13 NTU
Prep Comments for EPA200.8, Sample 2212167-016A: Turbidity: 0.08 NTU
Prep Comments for EPA200.8, Sample 2212167-017A: Turbidity: 0.13 NTU
Prep Comments for EPA200.8, Sample 2212167-018A: Turbidity: 0.07 NTU
Prep Comments for EPA200.8, Sample 2212167-019A: Turbidity: 0.06 NTU
Prep Comments for EPA200.8, Sample 2212167-020A: Turbidity: 0.13 NTU
Prep Comments for EPA200.8, Sample 2212167-021A: Turbidity: 0.28 NTU
Prep Comments for EPA200.8, Sample 2212167-022A: Turbidity: 0.11 NTU
Prep Comments for EPA200.8, Sample 2212167-023A: Turbidity: 0.11 NTU
Prep Comments for EPA200.8, Sample 2212167-024A: Turbidity: 0.08 NTU
Prep Comments for EPA200.8, Sample 2212167-025A: Turbidity: 0.11 NTU
Prep Comments for EPA200.8, Sample 2212167-026A: Turbidity: 0.38 NTU
Prep Comments for EPA200.8, Sample 2212167-027A: Turbidity: 0.08 NTU

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2212167
Date Reported: 12/15/2022

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

Lab ID: 2212167-001

Client Sample ID: 12722-01

Collection Date: 12/7/2022 7:21:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 122 | 2.50 | | µg/L | 1 | 12/13/2022 11:30:31 AM |
| Lead | 17.3 | 1.00 | | µg/L | 1 | 12/13/2022 11:30:31 AM |

Lab ID: 2212167-002

Client Sample ID: 12722-02

Collection Date: 12/7/2022 7:21:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 314 | 2.50 | | µg/L | 1 | 12/13/2022 11:31:55 AM |
| Lead | 4.03 | 1.00 | | µg/L | 1 | 12/13/2022 11:31:55 AM |

Lab ID: 2212167-003

Client Sample ID: 12722-03

Collection Date: 12/7/2022 7:24:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 444 | 2.50 | | µg/L | 1 | 12/13/2022 11:26:17 AM |
| Lead | 4.53 | 1.00 | | µg/L | 1 | 12/13/2022 11:26:17 AM |

Lab ID: 2212167-004

Client Sample ID: 12722-04

Collection Date: 12/7/2022 7:25:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 156 | 2.50 | | µg/L | 1 | 12/13/2022 11:33:19 AM |
| Lead | 5.62 | 1.00 | | µg/L | 1 | 12/13/2022 11:33:19 AM |



Analytical Report

Work Order: 2212167
Date Reported: 12/15/2022

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

Lab ID: 2212167-005

Client Sample ID: 12722-05

Collection Date: 12/7/2022 7:31:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 168 | 2.50 | | µg/L | 1 | 12/13/2022 11:34:44 AM |
| Lead | 3.91 | 1.00 | | µg/L | 1 | 12/13/2022 11:34:44 AM |

Lab ID: 2212167-006

Client Sample ID: 12722-06

Collection Date: 12/7/2022 7:31:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 172 | 2.50 | | µg/L | 1 | 12/13/2022 11:36:09 AM |
| Lead | 3.95 | 1.00 | | µg/L | 1 | 12/13/2022 11:36:09 AM |

Lab ID: 2212167-007

Client Sample ID: 12722-07

Collection Date: 12/7/2022 7:34:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 125 | 2.50 | | µg/L | 1 | 12/13/2022 11:40:24 AM |
| Lead | 24.5 | 1.00 | | µg/L | 1 | 12/13/2022 11:40:24 AM |

Lab ID: 2212167-008

Client Sample ID: 12722-08

Collection Date: 12/7/2022 7:34:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 186 | 2.50 | | µg/L | 1 | 12/13/2022 11:41:48 AM |
| Lead | 5.30 | 1.00 | | µg/L | 1 | 12/13/2022 11:41:48 AM |



Analytical Report

Work Order: 2212167
Date Reported: 12/15/2022

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

Lab ID: 2212167-009

Client Sample ID: 12722-09

Collection Date: 12/7/2022 7:37:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 58.2 | 2.50 | | µg/L | 1 | 12/13/2022 11:43:12 AM |
| Lead | 7.40 | 1.00 | | µg/L | 1 | 12/13/2022 11:43:12 AM |

Lab ID: 2212167-010

Client Sample ID: 12722-10

Collection Date: 12/7/2022 7:40:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 635 | 2.50 | | µg/L | 1 | 12/13/2022 11:46:01 AM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/13/2022 11:46:01 AM |

Lab ID: 2212167-011

Client Sample ID: 12722-11

Collection Date: 12/7/2022 7:44:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 650 | 2.50 | | µg/L | 1 | 12/13/2022 11:47:25 AM |
| Lead | 1.96 | 1.00 | | µg/L | 1 | 12/13/2022 11:47:25 AM |

Lab ID: 2212167-012

Client Sample ID: 12722-12

Collection Date: 12/7/2022 7:44:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 839 | 2.50 | | µg/L | 1 | 12/13/2022 11:48:49 AM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/13/2022 11:48:49 AM |



Analytical Report

Work Order: 2212167
Date Reported: 12/15/2022

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

Lab ID: 2212167-013

Client Sample ID: 12722-13

Collection Date: 12/7/2022 7:48:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 1,540 | 2.50 | | µg/L | 1 | 12/13/2022 11:50:14 AM |
| Lead | 10.0 | 1.00 | | µg/L | 1 | 12/13/2022 11:50:14 AM |

Lab ID: 2212167-014

Client Sample ID: 12722-14

Collection Date: 12/7/2022 7:48:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 45.7 | 2.50 | | µg/L | 1 | 12/13/2022 11:51:38 AM |
| Lead | 2.97 | 1.00 | | µg/L | 1 | 12/13/2022 11:51:38 AM |

Lab ID: 2212167-015

Client Sample ID: 12722-15

Collection Date: 12/7/2022 7:51:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 781 | 2.50 | | µg/L | 1 | 12/13/2022 11:53:03 AM |
| Lead | 1.12 | 1.00 | | µg/L | 1 | 12/13/2022 11:53:03 AM |

Lab ID: 2212167-016

Client Sample ID: 12722-16

Collection Date: 12/7/2022 7:51:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 520 | 2.50 | | µg/L | 1 | 12/13/2022 11:57:18 AM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/13/2022 11:57:18 AM |



Analytical Report

Work Order: 2212167
Date Reported: 12/15/2022

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

Lab ID: 2212167-017

Collection Date: 12/7/2022 7:54:00 AM

Client Sample ID: 12722-17

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 382 | 2.50 | | µg/L | 1 | 12/13/2022 11:58:42 AM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/13/2022 11:58:42 AM |

Lab ID: 2212167-018

Collection Date: 12/7/2022 7:54:00 AM

Client Sample ID: 12722-18

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 725 | 2.50 | | µg/L | 1 | 12/13/2022 12:00:06 PM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/13/2022 12:00:06 PM |

Lab ID: 2212167-019

Collection Date: 12/7/2022 7:58:00 AM

Client Sample ID: 12722-19

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 232 | 2.50 | | µg/L | 1 | 12/13/2022 12:01:31 PM |
| Lead | 4.68 | 1.00 | | µg/L | 1 | 12/13/2022 12:01:31 PM |

Lab ID: 2212167-020

Collection Date: 12/7/2022 8:02:00 AM

Client Sample ID: 12722-20

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|---|--------|------|------|-----------------|----|------------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38796 | | Analyst: EH |
| Copper | 216 | 2.50 | | µg/L | 1 | 12/13/2022 12:02:55 PM |
| Lead | 4.57 | 1.00 | | µg/L | 1 | 12/13/2022 12:02:55 PM |



Analytical Report

Work Order: 2212167
Date Reported: 12/15/2022

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

Lab ID: 2212167-021

Client Sample ID: 12722-21

Collection Date: 12/7/2022 8:02:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|------|------|-----------------|----|-----------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38833 | | Analyst: EH |
| Copper | 247 | 2.50 | | µg/L | 1 | 12/15/2022 9:45:13 AM |
| Lead | 3.37 | 1.00 | | µg/L | 1 | 12/15/2022 9:45:13 AM |

Lab ID: 2212167-022

Client Sample ID: 12722-22

Collection Date: 12/7/2022 8:05:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|------|------|-----------------|----|-----------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38833 | | Analyst: EH |
| Copper | 330 | 2.50 | | µg/L | 1 | 12/15/2022 9:38:38 AM |
| Lead | 3.21 | 1.00 | | µg/L | 1 | 12/15/2022 9:38:38 AM |

Lab ID: 2212167-023

Client Sample ID: 12722-23

Collection Date: 12/7/2022 8:05:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|------|------|-----------------|----|-----------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38833 | | Analyst: EH |
| Copper | 198 | 2.50 | | µg/L | 1 | 12/15/2022 9:47:25 AM |
| Lead | 3.98 | 1.00 | | µg/L | 1 | 12/15/2022 9:47:25 AM |

Lab ID: 2212167-024

Client Sample ID: 12722-24

Collection Date: 12/7/2022 8:09:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|--|--------|------|------|-----------------|----|-----------------------|
| <u>Drinking Water Metals by EPA Method 200.8</u> | | | | Batch ID: 38833 | | Analyst: EH |
| Copper | ND | 2.50 | | µg/L | 1 | 12/15/2022 9:49:36 AM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/15/2022 9:49:36 AM |



Analytical Report

Work Order: 2212167
Date Reported: 12/15/2022

CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

Lab ID: 2212167-025

Client Sample ID: 12722-25

Collection Date: 12/7/2022 8:09:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|----------|--------|----|------|-------|----|---------------|
|----------|--------|----|------|-------|----|---------------|

Drinking Water Metals by EPA Method 200.8

Batch ID: 38833

Analyst: EH

| | | | | | | |
|--------|----|------|--|------|---|-----------------------|
| Copper | ND | 2.50 | | µg/L | 1 | 12/15/2022 9:51:47 AM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/15/2022 9:51:47 AM |

Lab ID: 2212167-026

Client Sample ID: 12722-26

Collection Date: 12/7/2022 8:12:00 AM

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|----------|--------|----|------|-------|----|---------------|
|----------|--------|----|------|-------|----|---------------|

Drinking Water Metals by EPA Method 200.8

Batch ID: 38833

Analyst: EH

| | | | | | | |
|--------|------|------|--|------|---|-----------------------|
| Copper | 479 | 2.50 | | µg/L | 1 | 12/15/2022 9:53:59 AM |
| Lead | 2.85 | 1.00 | | µg/L | 1 | 12/15/2022 9:53:59 AM |

Lab ID: 2212167-027

Client Sample ID: 12722-27

Collection Date:

Matrix: Drinking Water

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed |
|----------|--------|----|------|-------|----|---------------|
|----------|--------|----|------|-------|----|---------------|

Drinking Water Metals by EPA Method 200.8

Batch ID: 38833

Analyst: EH

| | | | | | | |
|--------|----|------|--|------|---|------------------------|
| Copper | ND | 2.50 | | µg/L | 1 | 12/15/2022 10:00:34 AM |
| Lead | ND | 1.00 | | µg/L | 1 | 12/15/2022 10:00:34 AM |



Work Order: 2212167
 CLIENT: Fulcrum Environmental
 Project: Selah SD-ELC-Drinking Water

QC SUMMARY REPORT

Drinking Water Metals by EPA Method 200.8

| | | | | | | | | | | | |
|----------------------------|------------------------|----------------------------------|-----------|-------------|------------------------------|-----------------------|-----------|-------------|---------------------|----------|------|
| Sample ID: MB-38796 | SampType: MBLK | Units: µg/L | | | Prep Date: 12/12/2022 | | | | RunNo: 80479 | | |
| Client ID: MBLKW | Batch ID: 38796 | Analysis Date: 12/13/2022 | | | | SeqNo: 1663539 | | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|--------|----|------|--|--|--|--|--|--|--|--|--|
| Copper | ND | 2.50 | | | | | | | | | |
| Lead | ND | 1.00 | | | | | | | | | |

| | | | | | | | | | | | | |
|-----------------------------|--------|------------------------|-----------|-------------|----------------------------------|----------|------------------------------|-----------------------|------|---------------------|------|--|
| Sample ID: LCS-38796 | | SampType: LCS | | | Units: µg/L | | Prep Date: 12/12/2022 | | | RunNo: 80479 | | |
| Client ID: LCSW | | Batch ID: 38796 | | | Analysis Date: 12/13/2022 | | | SeqNo: 1663540 | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual | |

| | | | | | | | | | | | |
|--------|------|------|-------|---|------|----|-----|--|--|--|--|
| Copper | 192 | 2.50 | 200.0 | 0 | 96.2 | 85 | 115 | | | | |
| Lead | 99.8 | 1.00 | 100.0 | 0 | 99.8 | 85 | 115 | | | | |

| | | | | | | | | | | | |
|----------------------------|-----------------|-------------|-----------|-------------|---------------------------|----------|-----------|----------------|------|----------|------|
| Sample ID: 2212167-003ADUP | SampType: DUP | Units: µg/L | | | Prep Date: 12/12/2022 | | | RunNo: 80479 | | | |
| Client ID: 12722-03 | Batch ID: 38796 | | | | Analysis Date: 12/13/2022 | | | SeqNo: 1663542 | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|--------|------|------|--|--|--|--|--|-------|------|----|--|
| Copper | 414 | 2.50 | | | | | | 443.7 | 6.81 | 30 | |
| Lead | 4.28 | 1.00 | | | | | | 4.525 | 5.66 | 30 | |

| | | | | | | | | | | | |
|----------------------------------|--------|------------------------|-----------|-------------|----------------------------------|----------|------------------------------|-------------|-----------------------|----------|------|
| Sample ID: 2212167-003AMS | | SampType: MS | | | Units: µg/L | | Prep Date: 12/12/2022 | | RunNo: 80479 | | |
| Client ID: 12722-03 | | Batch ID: 38796 | | | Analysis Date: 12/13/2022 | | | | SeqNo: 1663543 | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|--------|-----|------|-------|-------|------|----|-----|--|--|--|--|
| Copper | 591 | 2.50 | 200.0 | 443.7 | 73.7 | 70 | 130 | | | | |
| Lead | 105 | 1.00 | 100.0 | 4.525 | 101 | 70 | 130 | | | | |

| | | | | | | | | | | | | |
|---------------------------|--------|-----------------|-----------|-------------|---------------------------|----------|-----------------------|----------------|------|--------------|------|--|
| Sample ID: 2212167-009AMS | | SampType: MS | | | Units: µg/L | | Prep Date: 12/12/2022 | | | RunNo: 80479 | | |
| Client ID: 12722-09 | | Batch ID: 38796 | | | Analysis Date: 12/13/2022 | | | SeqNo: 1663554 | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual | |

| | | | | | | | | | | | |
|--------|-----|------|-------|-------|------|----|-----|--|--|--|--|
| Copper | 246 | 2.50 | 200.0 | 58.21 | 93.8 | 70 | 130 | | | | |
| Lead | 108 | 1.00 | 100.0 | 7.399 | 101 | 70 | 130 | | | | |



Work Order: 2212167
CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

QC SUMMARY REPORT

Drinking Water Metals by EPA Method 200.8

| | | | | | | | | | | | |
|----------------------------------|------------------------|--------------------|----------------------------------|-----------------------|------|----------|-----------|-------------|------|----------|------|
| Sample ID: 2212167-009AMS | SampType: MS | Units: µg/L | Prep Date: 12/12/2022 | RunNo: 80479 | | | | | | | |
| Client ID: 12722-09 | Batch ID: 38796 | | Analysis Date: 12/13/2022 | SeqNo: 1663554 | | | | | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | | |
|----------------------------|--------|------------------------|-----------|----------------------------------|------|------------------------------|-----------|-------------|---------------------|-----------------------|------|
| Sample ID: MB-38833 | | SampType: MBLK | | Units: µg/L | | Prep Date: 12/14/2022 | | | RunNo: 80501 | | |
| Client ID: MBLKW | | Batch ID: 38833 | | Analysis Date: 12/15/2022 | | | | | | SeqNo: 1664145 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | |
|--------|----|------|
| Copper | ND | 2.50 |
| Lead | ND | 1.00 |

| | | | | | | | | | | | |
|-----------------------------|--------|------------------------|-----------|--------------------|------|------------------------------|----------------------------------|-------------|---------------------|-----------------------|------|
| Sample ID: LCS-38833 | | SampType: LCS | | Units: µg/L | | Prep Date: 12/14/2022 | | | RunNo: 80501 | | |
| Client ID: LCSW | | Batch ID: 38833 | | | | | Analysis Date: 12/15/2022 | | | SeqNo: 1664146 | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | |
|--------|-----|------|-------|---|-----|----|-----|
| Copper | 210 | 2.50 | 200.0 | 0 | 105 | 85 | 115 |
| Lead | 104 | 1.00 | 100.0 | 0 | 104 | 85 | 115 |

| | | | | | | | | | | | |
|-----------------------------------|--------|------------------------|-----------|--------------------|------|----------------------------------|-----------|-----------------------|------|----------|------|
| Sample ID: 2212167-022ADUP | | SampType: DUP | | Units: µg/L | | Prep Date: 12/14/2022 | | RunNo: 80501 | | | |
| Client ID: 12722-22 | | Batch ID: 38833 | | | | Analysis Date: 12/15/2022 | | SeqNo: 1664148 | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | | | | |
|--------|------|------|--|--|--|--|--|-------|------|----|
| Copper | 354 | 2.50 | | | | | | 329.7 | 7.18 | 30 |
| Lead | 3.46 | 1.00 | | | | | | 3.211 | 7.38 | 30 |

| | | | | | | | | | | | |
|----------------------------------|--------|------------------------|-----------|--------------------|------|----------------------------------|-----------|-----------------------|------|----------|------|
| Sample ID: 2212167-022AMS | | SampType: MS | | Units: µg/L | | Prep Date: 12/14/2022 | | RunNo: 80501 | | | |
| Client ID: 12722-22 | | Batch ID: 38833 | | | | Analysis Date: 12/15/2022 | | SeqNo: 1664149 | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |

| | | | | | | | |
|--------|-----|------|-------|-------|------|----|-----|
| Copper | 506 | 2.50 | 200.0 | 329.7 | 88.3 | 70 | 130 |
| Lead | 108 | 1.00 | 100.0 | 3.211 | 105 | 70 | 130 |



Work Order: 2212167
CLIENT: Fulcrum Environmental
Project: Selah SD-ELC-Drinking Water

QC SUMMARY REPORT

Drinking Water Metals by EPA Method 200.8

| | | | | | | | | | | | |
|----------------------------------|--------|------------------------|-----------|--------------------|------|----------------------------------|-----------|-----------------------|------|----------|------|
| Sample ID: 2212244-002AMS | | SampType: MS | | Units: µg/L | | Prep Date: 12/14/2022 | | RunNo: 80501 | | | |
| Client ID: BATCH | | Batch ID: 38833 | | | | Analysis Date: 12/15/2022 | | SeqNo: 1664162 | | | |
| Analyte | Result | RL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | RPD Ref Val | %RPD | RPDLimit | Qual |
| Copper | 209 | 2.50 | 200.0 | 6.253 | 101 | 70 | 130 | | | | |
| Lead | 106 | 1.00 | 100.0 | 0.3876 | 106 | 70 | 130 | | | | |



Client Name: FE
 Logged by: Elisabeth Samoray

Work Order Number: 2212167
 Date Received: 12/8/2022 10:45:00 AM

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
 2. How was the sample delivered? UPS

Log In

3. Coolers are present? Yes ☐ No ☒ NA ☐
No cooler present
 4. Shipping container/cooler in good condition? Yes ☒ No ☐
 5. Custody Seals present on shipping container/cooler?
 (Refer to comments for Custody Seals not intact) Yes ☐ No ☐ Not Present ☒
 6. Was an attempt made to cool the samples? Yes ☐ No ☒ NA ☐
Unknown prior to receipt.
 7. Were all items received at a temperature of >2°C to 6°C * Yes ☐ No ☐ NA ☒
 8. Sample(s) in proper container(s)? Yes ☒ No ☐
 9. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
 10. Are samples properly preserved? Yes ☒ No ☐
 11. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
 12. Is there headspace in the VOA vials? Yes ☐ No ☐ NA ☒
 13. Did all samples containers arrive in good condition(unbroken)? Yes ☒ No ☐
 14. Does paperwork match bottle labels? Yes ☒ No ☐
 15. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
 16. Is it clear what analyses were requested? Yes ☒ No ☐
 17. Were all holding times able to be met? Yes ☒ No ☐

Special Handling (if applicable)

18. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

| | | | |
|----------------------|----------------------|-------|---|
| Person Notified: | <input type="text"/> | Date: | <input type="text"/> |
| By Whom: | <input type="text"/> | Via: | <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | <input type="text"/> | | |
| Client Instructions: | <input type="text"/> | | |

19. Additional remarks:

Item Information

| Item # | Temp °C |
|--------|---------|
| Sample | 10.1 |

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



Fremont
Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12.7.22 Page: 1 of 3

Project Name: Selah SD - ELC - Drinking Water

Laboratory Project No (Internal): 22-12-167

Client: Futurum Environmental

Project No:

Collected by: Nick Gullig

Location: Selah SD, ELC Building

City, State, Zip: Vicksburg, WA 98901

Report To (PM): Ryan Matthews, Nick Gullig

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Telephone: 509.574.0839

PM Email: rmatthews@futureson.net
nick.gullig@futureson.net

Special Remarks:

| Sample Name | Sample Date | Sample Time | Sample Type (Matrix)* | # of Cont. | VOGs (EPA 8260 / 624) | BTX | Gasoline Range Organics (GX) | Hydrocarbon Identification (HCD) | Diesel/Heavy Oil Range Organics (DO) | SVOCs (EPA 8270 / 625) | PAHs (EPA 8270 - SIM) | PCBs (EPA 8082 / 608) | Metals** (EPA 6020 / 200.8) | Total (T) Dissolved (D) | Anions (CI)*** | EDB (8011) | Comments |
|-------------|-------------|-------------|-----------------------|------------|-----------------------|-----|------------------------------|----------------------------------|--------------------------------------|------------------------|-----------------------|-----------------------|-----------------------------|---------------------------|----------------|------------|----------|
|-------------|-------------|-------------|-----------------------|------------|-----------------------|-----|------------------------------|----------------------------------|--------------------------------------|------------------------|-----------------------|-----------------------|-----------------------------|---------------------------|----------------|------------|----------|

1 12/7/22-01 12/7/22 7:21 DL DL Room 114, North

2 12/7/22-02 12/7/22 7:21 DL DL Room 114, South

3 12/7/22-03 12/7/22 7:14 DL DL Room 112, North

4 12/7/22-04 12/7/22 7:15 DL DL Room 112, South

5 12/7/22-05 12/7/22 7:31 DL DL Room 102, North

6 12/7/22-06 12/7/22 7:31 DL DL Room 102, South

7 12/7/22-07 12/7/22 7:34 DL DL Room 106, North

8 12/7/22-08 12/7/22 7:34 DL DL Room 106, South

9 12/7/22-09 12/7/22 7:57 DL DL Mech Area Hall, Drinking Fountain

10 12/7/22-10 12/7/22 7:40 DL DL Street Large 110A

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr **Cu Fe Hg K Mg Mn Mo Na Ni **Pb** Sb Se Sr Sn Tl Ti V Zn
***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate-Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) Print Name Date/Time Received (Signature) Print Name Date/Time

x *[Signature]* Nick Gullig 12/7/22 9:00am x *[Signature]* Elisabeth Sawyer 12/8/22 10:15AM

Relinquished (Signature) Print Name Date/Time Received (Signature) Print Name Date/Time



Fremont
Analytical

3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/1/22

Page: 2 of 3

Project Name: Select SD - ECL - Drinking Water

Laboratory Project No (Internal):

2212167

Client: Fulcrum Environmental

Address: 406 N. 2nd St.

City, State, Zip: Muklu, WA 98901

Telephone: 509.574.0839

Fax:

Location: Select SD, ECL Building

Report To (PM): Ryan Mathews, Nick Gilling

PM Email: Nick.gilling@fulcrum.net

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

| Sample Name | Sample Date | Sample Time | Sample Type (Matrix)* | # of Cont. | VOCs (EPA 8260 / 624) | BTEX | Gasoline Range Organics (GX) | Hydrocarbon Identification (HCD) | Diesel/Heavy Oil Range Organics (DO) | SVOCs (EPA 8270 / 625) | PAHs (EPA 8270 - SIM) | PCBs (EPA 8082 / 608) | Metals** (EPA 6020 / 200.8) | Total (T) Dissolved (D) | Anions (IC)*** | EDB (8011) | Comments |
|-------------|-------------|-------------|-----------------------|------------|-----------------------|------|------------------------------|----------------------------------|--------------------------------------|------------------------|-----------------------|-----------------------|-----------------------------|---------------------------|----------------|------------|-----------------|
| 1 12722-11 | 12/1/22 | 7:44 | DW | | | | | | | | | | | | | | Room 104, water |
| 2 -12 | | 7:44 | | | | | | | | | | | | | | | Room 104, water |
| 3 -13 | | 7:48 | | | | | | | | | | | | | | | Room 102, water |
| 4 -14 | | 7:48 | | | | | | | | | | | | | | | Room 102, water |
| 5 -15 | | 7:51 | | | | | | | | | | | | | | | Room 101, water |
| 6 -16 | | 7:51 | | | | | | | | | | | | | | | Room 101, water |
| 7 -17 | | 7:54 | | | | | | | | | | | | | | | Room 103, water |
| 8 -18 | | 7:54 | | | | | | | | | | | | | | | Room 103, water |
| 9 -19 | | 7:58 | | | | | | | | | | | | | | | Room 107A |
| 10 -20 | | 8:02 | | | | | | | | | | | | | | | Room 109, water |

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

**Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide Iodide O-Phosphate Fluoride Nitrate-Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)

Print Name

Date/Time

Received (Signature)

Print Name

Date/Time

Relinquished (Signature)

Print Name

Date/Time

Received (Signature)

Print Name

Date/Time

Turn-around Time:
☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)



Fremont
Analytical

3600 Fremont Ave. N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 12/1/22

Page: 3 of 3

Project Name: Selah SD - Elk-Dinking Water

Project No:

Collected by: Nick Gully

Location: Selah SD, Elk Building

Report To (PM): Ryan Mathus, Nick Gully
mestouse@fremont.net
nick.gully@fremont.net

PM Email:

Laboratory Project No (Internal): 2212167

Special Remarks:

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

| Sample Name | Sample Date | Sample Time | Sample Type (Matrix)* | # of Cont. | VOCs (EPA 8260 / 624) | BTX | Gasoline Range Organics (GX) | Hydrocarbon Identification (HCID) | SVOCs (EPA 8270 / 625) | PAHs (EPA 8270 - SIM) | PCBs (EPA 8082 / 608) | Metals** (EPA 6020 / 200.8) | Total (T) Dissolved (D) | Anions (C)*** | EDB (8011) | Comments |
|-------------|-------------|-------------|-----------------------|------------|-----------------------|-----|------------------------------|-----------------------------------|------------------------|-----------------------|-----------------------|-----------------------------|---------------------------|---------------|------------|----------------------------------|
| 1 12722-21 | 12/1/22 | 8:02 | 21 | 1 | | | | | | | | | | | | Room 104, South |
| 2 -22 | | 8:05 | | 1 | | | | | | | | | | | | Room 111, North |
| 3 -23 | | 8:05 | | 1 | | | | | | | | | | | | Room 111, South |
| 4 -24 | | 8:09 | | 1 | | | | | | | | | | | | Drinking Foun between Rm 111/113 |
| 5 -25 | | 8:09 | | 1 | | | | | | | | | | | | Bottle Fill between Rm 111/113 |
| 6 -26 | | 8:11 | | 1 | | | | | | | | | | | | Room 113, Food Service |
| 7 -27 | | - | | 1 | | | | | | | | | | | | Laboratory Blank |
| 8 -28 | | | | 1 | | | | | | | | | | | | |
| 9 -29 | | | | 1 | | | | | | | | | | | | |
| 10 -30 | | | | 1 | | | | | | | | | | | | |

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water
**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti V Zn
***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

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Turn-around Time:
☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)