



RJ LeeGroup, Inc. | Columbia Basin Analytical Laboratories

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Fulcrum Environmental
406 N. 2nd St.
Yakima, WA 98901

Subject: Chemical Analysis Report

Columbia Basin Analytical Laboratories received 53 sample(s) on 12/21/16 for analysis. These sample(s) have been assigned a login order number of W612107. Enclosed is the final report that consists of a summary report of the sample(s), and a copy of the chain of custody.

General Lab Comments

The results provided in this report relate only to the items tested. Sample(s) were received in acceptable conditions unless otherwise noted in the comments above. Sample(s) have not been field blank corrected unless otherwise noted in the general set comments above. The sample(s) were prepared in accordance with EPA 200.8 and analyzed in compliance with EPA 200.8. This test report shall not be reproduced, except in full, without written approval of Columbia Basin Analytical Laboratories. Any questions, please contact our office.

-Samples W612107-01 - 13 were analyzed on January 12, 2017 because they were analyzed on separate instrumentation runs and samples requiring dilutions were analyzed on January 13, 2017. The remaining samples were analyzed on January 17, 2017 and samples requiring dilutions were analyzed on January 18, 2017.

All samples were diluted 1:10.

X - Samples that exceeded the instrument calibration range were rerun at a 1:100 dilution, necessitating a 10-fold increase in the PQL.

Release of the data contained in the hard copy report has been authorized by the Laboratory Director or a designee as verified by the following signature. This report has been administratively reviewed by the following individual:

01/23/17

Project Coordinator II, M. Fernanda Pincheira

Date

If you have any questions please feel free to contact Fernanda Pincheira at MPincheira@rjleegroup.com.



Laboratory Report

Ryan Mathews
Fulcrum Environmental
406 N. 2nd St.
Yakima, WA 98901

Client Project:

Fulcrum Kennewick

RJ Lee Group No.: W612107
COC No.: Kennewick
Samples Received: 12/21/16
Analysis/Prep Date: 01/12/17
Report Date: 01/23/17

Sample Name: 122116-SVE-P-CF-01 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-01 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.74 | 0.01 | |
| Lead | EPA 200.8 | 0.007 | 0.001 | |

Sample Name: 122116-SVE-P-OF-02 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-02 **Date Analyzed:** 01/13/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.2 | 0.1 | X |
| Lead | EPA 200.8 | 0.001 | 0.001 | |

Sample Name: 122116-SVE-P-OF-03 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-03 **Date Analyzed:** 01/13/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.4 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-DF-04 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-04 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.27 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-DF-05 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-05 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.27 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

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Report Template: GenMetalReportFull_v12.rpt

Approved: 01/23/17 8:59
Report Time Stamp: 01/23/17 12:39



Sample Name: 122116-SVE-P-KF-06 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-06 **Date Analyzed:** 01/13/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.4 | 0.1 | X |
| Lead | EPA 200.8 | 0.003 | 0.001 | |

Sample Name: 122116-SVE-P-KF-07 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-07 **Date Analyzed:** 01/13/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.6 | 0.1 | X |
| Lead | EPA 200.8 | 0.003 | 0.001 | |

Sample Name: 122116-SVE-P-KF-08 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-08 **Date Analyzed:** 01/13/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.3 | 0.1 | X |
| Lead | EPA 200.8 | 0.002 | 0.001 | |

Sample Name: 122116-SVE-P-KF-09 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-09 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.97 | 0.01 | |
| Lead | EPA 200.8 | 0.001 | 0.001 | |

Sample Name: 122116-SVE-P-KF-10 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-10 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.96 | 0.01 | |
| Lead | EPA 200.8 | 0.016 | 0.001 | |

Sample Name: 122116-SVE-P-KF-11 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-11 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.77 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |



Sample Name: 122116-SVE-P-KF-12 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-12 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.91 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-KF-13 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-13 **Date Analyzed:** 01/12/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.85 | 0.01 | |
| Lead | EPA 200.8 | 0.002 | 0.001 | |

Sample Name: 122116-SVE-P-WC-14 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-14 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.54 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-WC-15 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-15 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.48 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-16 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-16 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.97 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-17 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-17 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.97 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |



Sample Name: 122116-SVE-P-CDF-18
RJ Lee Grp. ID: W612107-18

Matrix: Potable Water

Date Received: 12/21/16

Date Analyzed: 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.1 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-19
RJ Lee Grp. ID: W612107-19

Matrix: Potable Water

Date Received: 12/21/16

Date Analyzed: 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-20
RJ Lee Grp. ID: W612107-20

Matrix: Potable Water

Date Received: 12/21/16

Date Analyzed: 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.47 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-21
RJ Lee Grp. ID: W612107-21

Matrix: Potable Water

Date Received: 12/21/16

Date Analyzed: 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.49 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-22
RJ Lee Grp. ID: W612107-22

Matrix: Potable Water

Date Received: 12/21/16

Date Analyzed: 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.01 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-23
RJ Lee Grp. ID: W612107-23

Matrix: Potable Water

Date Received: 12/21/16

Date Analyzed: 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | 0.001 | 0.001 | |



Sample Name: 122116-SVE-P-CDF-24 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-24 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-25 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-25 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.97 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-26 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-26 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.72 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-27 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-27 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-28 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-28 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.88 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-29 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-29 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.89 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |



Sample Name: 122116-SVE-P-CF-30 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-30 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.1 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-31 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-31 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-32 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-32 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.81 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-33 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-33 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.98 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-34 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-34 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-35 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-35 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.1 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |



Sample Name: 122116-SVE-P-CF-36 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-36 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.01 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-37 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-37 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-38 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-38 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.85 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-39 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-39 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-40 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-40 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.69 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-41 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-41 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.89 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |



Sample Name: 122116-SVE-P-OF-42 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-42 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.2 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-OF-43 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-43 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.39 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-OF-44 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-44 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | 0.002 | 0.001 | |

Sample Name: 122116-SVE-P-OF-45 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-45 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-DF-46 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-46 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-DF-47 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-47 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.92 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |



Sample Name: 122116-SVE-P-NF-48 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-48 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.92 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-NF-49 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-49 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.0 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-CF-50 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-50 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.87 | 0.01 | |
| Lead | EPA 200.8 | 0.002 | 0.001 | |

Sample Name: 122116-SVE-P-CDF-51 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-51 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 0.9 | 0.1 | X |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-BF-52 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-52 **Date Analyzed:** 01/17/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | < 0.010 | 0.01 | |
| Lead | EPA 200.8 | < 0.0010 | 0.001 | |

Sample Name: 122116-SVE-P-DF-53 **Matrix:** Potable Water **Date Received:** 12/21/16
RJ Lee Grp. ID: W612107-53 **Date Analyzed:** 01/18/17

| Analyte | Method | Result (mg/L) | PQL (mg/L) | Qualifiers |
|---------|-----------|---------------|------------|------------|
| Copper | EPA 200.8 | 1.1 | 0.1 | X |
| Lead | EPA 200.8 | 0.014 | 0.001 | |



Report Qualifiers:

A = Target Analyte media breakthrough suspect, see analytical report

D = Analyte analyzed in a dilution

E = Report concentration was above the instrument calibration range

J = Analyte detected below quantitation limits, concentration is estimated

P = Library spectrum match, $rsd > 90\%$ w RT match

Q = Result out of method specific acceptance QC criteria

S = Spike Recovery outside accepted recovery limits

Z = Not ELAP accredited analyte

ND = Not Detected

B = Analyte detected in the associated blank

d = Data that exceeds the RSD criteria set by the SOP

H = Holding times for preparation or analysis exceeded

L = Sample condition at receipt out of compliance with method defined conditions

R = RPD (relative percent difference) outside accepted recovery limits

U = Analyte analyzed for but not detected

N/A = Not Applicable

Scientist III J Grissmerson

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. No responsibility or liability is assumed for the manner in which the results are used or interpreted. Unless notified in writing to return the samples covered by this report, RJ Lee Group will store the samples for a period of ninety (90) days before discarding. A shipping and handling fee will be assessed for the return of any samples. Unless otherwise noted, samples were received in an acceptable condition. This laboratory operates in accordance with ISO 17025 guidelines, and holds limited scopes of accreditation under ORELAP Lab Code 4061 AIHA-LAP, LLC Lab ID 178656 EPA ID WA01195 and WA DOE Lab ID C859. This report may not be used to claim product endorsement by any laboratory accrediting agency. The results contained in this report relate only to the items tested or to the sample(s) as received by the laboratory. Any reproduction of this document must be in full for the report to be valid. Quality control data is available upon request.

Request for Environmental and IH Laboratory Analytical Services

W612107

| | | | | | | | |
|-----------------------------------|---|---------------------------------|----------------------------|--|--|---------------|--------------------------------|
| ATTENTION TO: RYAN MATHEWS | | Purchase Order No.: | | Client Job No.: | | 162017 | |
| Lab Use Only | Project No.: | Client No.: | Turnaround Request | Standard: | Yes | No | If 'No', No. of Business Days: |
| | Date Logged In: | Logged In By: | | Sample Purpose: | Information X Regulatory <input type="checkbox"/> Accreditation (please list below): | | |
| Report Results To | Name: Amanda Ebyusk, Ryan Mathews | | Drinking Water Sample Only | System ID #: | | | |
| | Company: Fulcrum Environmental Consulting | | | DOH Source #: | | | |
| | Address: 406 North 2nd Street | | | Multiple Sources #: | | | |
| | City, State, Zip: Yakima, WA, 98901 | Phone: (509) 574-0839 | | Sample Purpose: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/> | | | |
| | | Fax: (509) 575-8453 | | Preservation: | | | |
| | Call with Verbal Results: | | | Unpres H ₂ SO ₄ | Matrix: | | Container: |
| | Email Results To: aebhysk@efulcrum.net, CC: rmathews@efulcrum.net | | | 4°C HCl | WW=Wastewater | | P=Plastic |
| | Fax Results To: | | | HNO ₃ NaOH | GW=Groundwater | | G=Glass |
| | Name: Lorrie Boutillier | | | Other Na ₂ SO ₄ | S=Soil/Sludge | | W=Wipe |
| Send Invoice To | Company: Fulcrum Environmental | Email: lboutillier@efulcrum.net | | | E=Extract | | A=Air (filter or tube) |
| | Address: 406 North 2nd Street | | | | | | |
| | City, State, Zip: Yakima, WA, 98901 | | | | | | |
| | Phone: (509) 574-0839 | Fax: (509) 575-8453 | | | | | |
| Special Instructions | | | | | | | |
| Client Sample ID | Sample Description | Sample Date | Sample Time | Wipe Area / Air Volume | | | |
| 122116-SVE-P-DF-01 | Music Laundry | | | | | | |
| 122116-SVE-P-DF-02 | Library Sink | | | | | | |
| 122116-SVE-P-DF-03 | Library DE | | | | | | |
| 122116-SVE-P-DF-04 | Catering DE | | | | | | |
| 122116-SVE-P-DF-05 | Catering DEK | | | | | | |
| 122116-SVE-P-DF-06 | Food prep SE | | | | | | |
| 122116-SVE-P-KE-07 | SE Rinses | | | | | | |
| 122116-SVE-P-KE-08 | Food prep NEK | | | | | | |
| 122116-SVE-P-KE-09 | Food prep NEK | | | | | | |
| 122116-SVE-P-KE-10 | N Sink | | | | | | |
| 122116-SVE-P-KE-11 | NW Spayer | | | | | | |
| Chain of Custody | Relinquished By (Signature): | Date: 12/21 | Time: 12:30 | | | | |
| | Relinquished By (Print Name): Logan Lopez | Relinquished To: | Method of Shipment: | | | | |
| | Company Name: | | | | | | |
| Chain of Custody | Received By (Signature): | Date: DEC 21 2016 | Time: 12:45 | | | | |
| | Received By (Print Name): Ryan Mathews | Relinquished To: | Method of Shipment: | | | | |
| | Company Name: | | | | | | |
| Chain of Custody | Received By (Signature): | Date: | Time: | | | | |
| | Received By (Print Name): | Relinquished To: | Method of Shipment: | | | | |
| | Company Name: | | | | | | |

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Request for Environmental and IH Laboratory Analytical Services

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|-----------------------------------|---|--|--|
| ATTENTION TO: RYAN MATHEWS | | Client Job No.: 162017 | |
| Lab Use Only | Project No.: Date Logged In: Name: Amanda Enbysk, Ryan Mathews Company: Fulcrum Environmental Consulting Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453 Call with Verbal Results: Email Results To: aenbysk@fulcrum.net, CC: rmathews@fulcrum.net Fax Results To: | Client No.: Logged In By: | Purchase Order No.: |
| Report Results To | Name: Lorraine Boutillier Company: Fulcrum Environmental Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453 | Standard: Yes No If 'No', No. of Business Days: Sample Purpose: Information X Regulatory Accreditation (please list below): System ID #: DOH Source #: Multiple Sources #: | |
| Send Invoice To | Name: Lorraine Boutillier Company: Fulcrum Environmental Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453 | Drinking Water Sample Only | |
| Special Instructions | | Chemistry Analysis Key Preservation: A <input type="checkbox"/> B <input type="checkbox"/> Other <input type="checkbox"/> Unpres H ₂ SO ₄ Matrix: WW=Wastewater GW=Groundwater S=Soil/Sludge E=Extract 4°C HCl HNO ₃ NaOH Other Na ₂ SO ₄ SW=Surface Water O=Oil DW=Drinking Water P=Plastic G=Glass W=Wipe A=Air (filter or tube) | |
| Client Sample ID | Sample Description | Analysis Requested | |
| 122116-SVE-KE-12 | NW Fauced 12/21 | Pres. Upon Receipt (Y/N) | Preservation |
| 122116-SVE-KE-13 | NW Handwash | X | UNPR |
| 122116-SVE-P-WC-14 | DEF (NW) | | DW |
| 122116-SVE-P-WC-15 | DEF (NW) | | |
| 122116-SVE-P-CF-16 | 23 DEF | | |
| 122116-SVE-P-CF-17 | 23 sink | | |
| 122116-SVE-P-CF-18 | 22 DF | | |
| 122116-SVE-P-CF-19 | 22 sink | | |
| 122116-SVE-P-CF-20 | 21 DF | | |
| 122116-SVE-P-CF-21 | 21 sink | | |
| 122116-SVE-P-CF-22 | 20 DF | | |
| Chain of Custody | Relinquished By (Signature): <i>[Signature]</i> Date: 12/21 Time: 12:30 Relinquished By (Print Name): <i>[Signature]</i> Method of Shipment: Company Name: | Chain of Custody | Received By (Signature): <i>[Signature]</i> Date: 12/21 Time: 12:45 Received By (Print Name): <i>[Signature]</i> Method of Shipment: Company Name: |
| Chain of Custody | Relinquished By (Signature): Relinquished By (Print Name): Company Name: | Chain of Custody | Received By (Signature): Received By (Print Name): Company Name: |

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Request for Environmental and IH Laboratory Analytical Services

W612107

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|-----------------------------------|-----------------------------------|---|-------------|----------------------------|---|--------------------------------|--------------------------|---------------|--|
| ATTENTION TO: RYAN MATHEWS | | Client No.: | | Purchase Order No.: | | Client Job No.: | | 162017 | |
| Lab Use Only | Project No.: | Logged In By: | | Turnaround Request | Standard: Yes No | If 'No', No. of Business Days: | | | |
| Report Results To | Name: Amanda Embysk, Ryan Mathews | Company: Fulcrum Environmental Consulting | | Drinking Water Sample Only | Sample Purpose: Information X Regulatory <input type="checkbox"/> Accreditation (please list below): | | | | |
| Send Invoice To | Address: 406 North 2nd Street | City, State, Zip: Yakima, WA, 98901 | | Chemistry Analysis Key | System ID #: | | | | |
| Special Instructions | Phone: (509) 574-0839 | Fax: (509) 575-8453 | | Preservation | DOH Source #: | | | | |
| Client Sample ID | Sample Description | | Sample Date | Start | Stop | Wipe Area / Air Volume | Analysis Requested | | |
| 122116-SVE-P-CF-25 | 20 Sink | | 12/6 | | | | EPA 200.8: Pb, Cu | | |
| 122116-SVE-P-CF-24 | 19 DF | | 12/6 | | | | Pres. Upon Receipt (Y/N) | | |
| 122116-SVE-P-CF-25 | 19 Sink | | 12/6 | | | | Preservation | | |
| 122116-SVE-P-CF-26 | 19 DF | | 12/6 | | | | Matrix | | |
| 122116-SVE-P-CF-27 | 19 Sink | | 12/6 | | | | Container Type | | |
| 122116-SVE-P-CF-28 | 17 Sink | | 12/6 | | | | pH | | |
| 122116-SVE-P-CF-29 | 17 Sink | | 12/6 | | | | No. Containers | | |
| 122116-SVE-P-CF-30 | 13 Sink | | 12/6 | | | | | | |
| 122116-SVE-P-CF-31 | 13 DF | | 12/6 | | | | | | |
| 122116-SVE-P-CF-32 | 12 Sink | | 12/6 | | | | | | |
| 122116-SVE-P-CF-33 | 12 DF | | 12/6 | | | | | | |

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| ATTENTION TO: RYAN MATHEWS | | Client Job No.: 162017 | |
| Lab Use Only | Project No.: Date Logged In: Name: Amanda Embysk, Ryan Mathews Company: Fulcrum Environmental Consulting Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453 | Client No.: Logged In By: | Turnaround Request |
| Report Results To | Call with Verbal Results: Email Results To: aembysk@fulcrum.net, CC: rmathews@fulcrum.net Fax Results To: Name: Lorie Bouillier Company: Fulcrum Environmental Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453 | Standard: Yes No Sample Purpose: Information X Regulatory Accreditation (please list below): System ID #: DOH Source #: Multiple Sources #s: | Drinking Water Sample Only |
| Send Invoice To | Company: Fulcrum Environmental Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453 | Preservation: Unpres H ₂ SO ₄ 4°C HCl NaOH HNO ₃ Other Matrix: WW=Wastewater GW=Groundwater S=Soil/Sludge E=Extract Container: P=Plastic G=Glass W=Wipe A=Air (filter or tube) | Chemistry Analysis Key |
| Special Instructions | | Analysis Requested | |
| Client Sample ID | Sample Description | Sample Date | Sample Time |
| 122116-SVE-P- CF-34 CF-34 | 11 Sink | | |
| 122116-SVE-P- CF-35 CF-35 | 11 Sink | | |
| 122116-SVE-P- CF-36 CF-36 | 16 Sink | | |
| 122116-SVE-P- CF-37 CF-37 | 16 Sink | | |
| 122116-SVE-P- CF-38 CF-38 | 15 Sink | | |
| 122116-SVE-P- CF-39 CF-39 | 15 Sink | | |
| 122116-SVE-P- CF-40 CF-40 | 14 Sink | | |
| 122116-SVE-P- CF-41 CF-41 | 14 Sink | | |
| 122116-SVE-P- CF-42 CF-42 | State Hot | | |
| 122116-SVE-P- CF-43 CF-43 | State Hot | | |
| 122116-SVE-P- CF-44 CF-44 | Wkm 178 | | |
| Chain of Custody | Relinquished By (Signature): Relinquished By (Print Name): <i>Logan Lape</i> Company Name: | Date: 12/21 Time: 12:30 | Chain of Custody |
| Chain of Custody | Relinquished By (Signature): Relinquished By (Print Name): Company Name: | Date: Time: | Chain of Custody |
| Chain of Custody | Relinquished By (Signature): Relinquished By (Print Name): Company Name: | Date: Time: | Chain of Custody |

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| Send Invoice To | Name: Lorrie Boutillier Company: Fulcrum Environmental Email: lboutillier@fulcrum.net Address: 406 North 2nd Street City, State, Zip: Yakima, WA, 98901 Phone: (509) 574-0839 Fax: (509) 575-8453 | Chemistry Analysis Key | Container: <input type="checkbox"/> P=Plastic <input type="checkbox"/> G=Glass <input type="checkbox"/> W=Wipe <input type="checkbox"/> A=Air (filter or tube) |
| Special Instructions | | Analysis Requested | |
| Client Sample ID | Sample Description | Sample Date | Sample Time |
| 122116-SVE-P-DF-45 | 178 DF | 12/21 | |
| 122116-SVE-P-DF-46 | DF R(west) | | |
| 122116-SVE-P-DF-47 | DF L(west) | | |
| 122116-SVE-P-NE-48 | Health Sink | | |
| 122116-SVE-P-NE-49 | Health Sink | | |
| 122116-SVE-P-DF-50 | Rm 4 Sink | | |
| 122116-SVE-P-DF-51 | Rm 4 DF | | |
| 122116-SVE-P-DF-52 | Blue Rm DF | | |
| 122116-SVE-P-DF-53 | Yellow DF | | |
| Chain of Custody | Relinquished By (Signature): Relinquished By (Print Name): Company Name: | Chain of Custody | Received By (Signature): Received By (Print Name): Company Name: |
| Chain of Custody | Relinquished By (Signature): Relinquished By (Print Name): Company Name: | Chain of Custody | Received By (Signature): Received By (Print Name): Company Name: |
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